Holden Mine Site

Performance Standards Verification Spring 2021 Event Data Report

Prepared for

Rio Tinto AUM Company
4700 Daybreak Parkway
South Jordan, UT 84009

September 2021

DRAFT

Certified B Corporation

100% Recycled Paper

FLOYD | SNIDER
strategy ▪ science ▪ engineering
Two Union Square • 601 Union Street • Suite 600
Seattle, Washington 98101 • tel: 206.292.2078

LIMITATIONS

This report has been prepared for the exclusive use of Rio Tinto, their authorized agents, and regulatory agencies. It has been prepared following the described methods and information available at the time of the work. No other party should use this report for any purpose other than that originally intended, unless Floyd|Snider agrees in advance to such reliance in writing. The information contained herein should not be utilized for any purpose or project except the one originally intended. Under no circumstances shall this document be altered, updated, or revised without written authorization of Floyd|Snider.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

9/10/2021

Roney Lima, Rio Tinto Project Manager Date

I hereby certify that this report was prepared by me or my designated agent under my direct supervision and has been prepared in accordance with good engineering practice, including consideration of applicable industry standards at this time.

9/10/2021

Jessi Massingale, PE, Senior Engineer, Floyd|Snider Date

I hereby certify that the geological and hydrogeological components of this document were prepared by or under my responsible charge and that to my knowledge and belief, this document was prepared in accordance with the requirements of Chapter 18.220 RCW.

9/10/2021

Brett Beaulieu, LHG, Senior Hydrogeologist, Floyd|Snider Date

Table of Contents

1.0 Introduction 1-1
1.1 ORGANIZATION OF THE DATA REPORT 1-1
1.2 DATA VALIDATION AND DATA MANAGEMENT 1-2
2.0 Surface Water 2-1
2.1 SURFACE WATER SAMPLING ACTIVITIES 2-1
2.2 SURFACE WATER RESULTS 2-1
3.0 Groundwater 3-1
3.1 HYDROGEOLOGIC MEASUREMENTS AND RESULTS 3-1
3.2 WATER SAMPLING ACTIVITIES AND RESULTS 3-2
3.2.1 Monitoring Well Sampling 3-2
3.2.2 Well Point Sampling 3-3
3.2.3 Porewater Sampling 3-4
3.2.4 Seep Visual Survey and Sampling 3-4
3.2.5 Wetland Surface Water Sampling 3-5
4.0 West Area Seeps 4-1
4.1 VISUAL SURVEY AND SAMPLING ACTIVITIES 4-1
4.2 SEEP SAMPLING RESULTS 4-1
5.0 Summary of Deviations 5-1
6.0 Conclusions 6-1
7.0 References 7-1

List of Tables

Table 2.1 Surface Water Results
Table 3.1 Monitoring Well, Well Point, Staff Gauge, and Stilling Well Inventory
Table 3.2 Pressure Transducer and Specific Conductivity Meter Deployment Summary
Table 3.3 Monitoring Well, Well Point, Staff Gauge, and Stilling Well Water Level Elevations (2019–2021)
Table 3.4 Comparison of Water Level Elevations at Well Points and Staff Gauges (Spring 2021)
Table 3.5 Vibrating Wire Piezometer Water Level Elevations (2019–2021)

Table 3.6 Head Differences Across Barrier Wall (Spring 2021)
Table 3.7 Vertical Gradients Based on Monitoring Wells
Table 3.8 Vertical Gradients Based on Vibrating Wire Piezometers
Table 3.9 Groundwater Results from Monitoring Wells
Table 3.10 Groundwater Results from Well Points
Table 3.11 Porewater Sampling Results
Table 3.12 Seep Sampling Results
Table 3.13 Wetlands Surface Water Sampling Results
Table 4.1 West Seeps Results

List of Figures

Figure 1.1 Site Location Map
Figure 2.1 COC Results from Railroad Creek Surface Water Locations (Spring 2021)
Figure 3.1 Monitoring Well, Well Point, Staff Gauge, and Stilling Well Inventory Map
Figure 3.2 Potentiometric Surface—Shallow Zone (Spring 2021)
Figure 3.3 Potentiometric Surface—Intermediate Zone (Spring 2021)
Figure 3.4 Potentiometric Surface—Deep Zone (Spring 2021)
Figure 3.5 Hydrograph of DS-15S, DS-15I, and DS-15-STW (June 2019 – June 2021) Showing DS-15S Conductivity (June 2020 – June 2021)
Figure 3.6 Hydrograph of DS-16S and DS-16I (June 2019 – June 2021) Showing DS-16S Conductivity (June 2020 – June 2021)
Figure 3.7 Hydrograph of DS-17S and DS-17I (June 2019 – June 2021) Showing DS-17S Conductivity (June 2020 - June 2021)
Figure 3.8 Hydrograph of DS-18S, DS-18I, and DS-18-STW (June 2019 – June 2021) Showing DS-18S Conductivity (June 2020 – June 2021)
Figure 3.9 Hydrograph of DS-13S, DS-13I, and DS-13D (June 2019 – June 2021) Showing DS-13S Conductivity (June 2020 – June 2021)
Figure 3.10 Hydrograph of DS-12S and DS-12I (June 2019 – June 2021), DS-12D (June 2020 – June 2021), SG-WL1-STW and SG-WL2-STW (September 2020 – June 2021)
Figure 3.11 Hydrograph of NRC-3SR, NRC-3IR, and NRC-3DR (June 2019 – June 2021)
Figure 3.12 Hydrograph of DS-4S, DS-4I, and DS-3S (June 2019 – June 2021)
Figure 3.13 Hydrograph of DS-9S and DS-9I (June 2019 – June 2021)

Figure 3.14 Hydrograph of TP2-12D, TP2-13D, TP3-12D, TP3-13, and TP3-14D (June 2019 – June 2021)

Figure 3.15 Hydrograph of STW-1 and SG-10STW (October 2019 – June 2021) and SG-7-STW (June 2020 – June 2021)

Figure 3.16 COC Results from Monitoring Wells, Well Points, Seeps, and Wetlands Surface Water (Spring 2021) (Sheets 1 through 3)

Figure 3.17 COC Results from Porewater Sampling Locations, Well Points, and Surface Water Locations (Spring 2021)

List of Appendices

Appendix A Data Validation Report

Appendix B Electronic Data Deliverable

Appendix C Field Forms

Appendix D Laboratory Reports

Appendix E Contaminants of Concern Results Summary Table

Appendix F Photographs

List of Acronyms and Abbreviations

Acronym/ Abbreviation	Definition
ARAR	Applicable or relevant and appropriate requirement
bgs	Below ground surface
COC	Contaminant of concern
Data Report	Performance Standards Verification Spring 2021 Event Data Report
DSHH	Downslope of the Honeymoon Heights Waste Rock Piles
Ecology	Washington State Department of Ecology
EDD	Electronic data deliverable
EIM	Environmental Information Management
Intalco	Intalco Aluminum Corporation
NRWQC	National Recommended Water Quality Criteria
NTU	Nephelometric turbidity unit
PSVP	Performance Standards Verification Plan

Acronym/ Abbreviation	Definition
QAPP	Quality Assurance Project Plan
RAO	Remedial action objective
ROD	Record of Decision
SAP	Sampling and Analysis Plan
Site	Holden Mine Site
SM	Standard Method
SOP	Standard operating procedure
UAO-SOW	Unilateral Administrative Order for Remedial Design and Remedial Action and the attached Statement of Work
USEPA	U.S. Environmental Protection Agency
VWP	Vibrating wire piezometer
WAC	Washington Administrative Code

1.0 Introduction

This Performance Standards Verification Spring 2021 Event Data Report (Data Report) presents the results of spring 2021 data collection at the Holden Mine Site (Site) located in Chelan County, Washington (refer to Figure 1.1). This Data Report was prepared for Rio Tinto AuM on behalf of Intalco Aluminum Corporation (Intalco). The activities reported in this Data Report were conducted in accordance with the approved project Sampling and Analysis Plan (SAP), Quality Assurance Project Plan (QAPP; Floyd|Snider 2020), approved documents containing project standard operating procedures (SOPs) (MWH 2010, MWH 2013a, MWH 2013b), the 2021 Performance Standards Verification Plan (PSVP) Monitoring Activities Memorandum (Floyd|Snider 2021a), and the Site-Specific Health and Safety Plan (Floyd|Snider 2021b). The work was completed in accordance with SAP and QAPP document requirements under the Unilateral Administrative Order for Remedial Design and Remedial Action and the attached Statement of Work (UAO-SOW; USFS 2012a) and as described in the Final PSVP (Floyd|Snider 2020).

1.1 ORGANIZATION OF THE DATA REPORT

This Data Report is organized in a similar structure to the PSVP, with data collection activity summaries and results grouped according to the media and remedial action objectives (RAOs) presented in the PSVP. The Data Report includes the following contents:

- Section 2.0 presents the results of surface water sampling activities conducted to assess performance according to RAO 1, which concerns protection of aquatic life and compliance with surface water applicable or relevant and appropriate requirements (ARARs). No biological samples were collected as part of the spring 2021 field event (biological samples will be collected in late summer).
- Section 3.0 presents the results of water sampling and related activities conducted to assess performance for groundwater according to RAO 3, which includes controlling migration of contaminants of concern (COCs) in groundwater, and RAO 5, which includes controlling exposure to contaminated groundwater. This includes the following:
    - Hydrogeologic measurements including water level measurements.
    - Water sampling activities including monitoring well sampling, well point sampling, porewater sampling, seep visual survey and sampling along the edges of the tailings piles, and wetlands surface water sampling.
- Section 4.0 presents the results of seep visual survey and sampling of seeps in the western portion of the Site downgradient of the Honeymoon Heights area (West Area Seeps) to assess performance for seeps according to RAO 1.
- Section 5.0 provides a summary of deviations that occurred in the field relative to the SAP, QAPP, and 2021 PSVP Monitoring Activities Memorandum.
- Section 6.0 includes concluding statements about the use of the data in assessment of remedy performance and future reporting.

- Section 7.0 includes references to documents cited in this Data Report.
- The following appendices are included with this Data Report:
  - Appendix A details the results of data validation.
  - Appendix B provides results in an electronic data deliverable (EDD) format.
  - Appendix C includes field forms used during data collection.
  - Appendix D consists of the laboratory analytical reports.
  - Appendix E provides a summary table of COC results for water samples collected across the Site between 2019 and 2021.
  - Appendix F provides select representative photographs of field activities.

1.2 DATA VALIDATION AND DATA MANAGEMENT

All results in this Data Report were subjected to data validation in general accordance with the QAPP provided in Appendix C of the PSVP (Floyd|Snider 2020). Data validation is described in the attached Data Validation Report (Appendix A) and summarized below.

A Compliance Screening (Stage 2B) data quality review was performed on metals and conventional analytes data resulting from laboratory analysis. The analytical data were validated in accordance with the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020a) and *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020b). Samples were submitted in multiple sample delivery groups to Analytical Resources, Inc., of Tukwila, Washington, for chemical analysis by USEPA 6020B, USEPA 300.0, Standard Method (SM) 2540D-97, SM2540C-97, SM2320B, and SM5310B. All analysis methods met USEPA requirements, with some results requiring qualifications based on USEPA guidelines as outlined in the Data Validation Report.

Based on the data quality review, data are determined to be of acceptable quality for use as reported by the laboratory unless specifically qualified in the Data Validation Report, and with some laboratory qualifiers being updated to conform to the final qualifiers used for data table reporting and database storage.

Numerical data are stored in Floyd|Snider's relational database management system, along with appropriate data qualifiers and notes. The data from the spring 2021 field event are presented electronically in an EDD in a modified version of Ecology's Environmental Information Management (EIM) database format in Appendix B.

2.0 Surface Water

Surface water sampling was performed to evaluate remedy performance relative to RAO 1, based on the concentrations of COCs in Railroad Creek.

2.1 SURFACE WATER SAMPLING ACTIVITIES

Surface water sampling was conducted at 13 surface water locations between June 5 and June 7, 2021, during peak flow conditions in Railroad Creek due to heavy snowmelt. As shown on Figure 2.1, surface water sampling locations span from the upgradient location RC-6 to the furthest downgradient location, SG-13. Samples were collected, handled, and submitted for laboratory analysis in accordance with the procedures described in the existing SOPs (MWH 2010, MWH 2013a) and QAPP (Floyd|Snider 2020). Surface water sampling field forms are included as Appendix C.

2.2 SURFACE WATER RESULTS

Surface water results, including field parameters and laboratory analytical results, are presented in Table 2.1. Sample locations are listed from upstream to downstream. Analytical results for COCs are illustrated on Figure 2.1 with exceedances of applicable compliance criteria indicated in red. Laboratory analytical reports are included as Appendix D, and data are presented electronically in an EDD in EIM format in Appendix B. A summary table of COC metals results from 2019 to 2021 is included in Appendix E.

Consistent with the Record of Decision (ROD; USFS 2012b) and PSVP, surface water results were compared to the surface water criteria from the ROD. Criteria for aluminum, cadmium, copper, iron, lead, and zinc for surface water and groundwater discharging to surface water are summarized in ROD Table 11 and are based on the chemical-specific ARARs and background concentrations for surface water in ROD Table 3. As specified in the ROD Table 3, footnote 2, criteria for cadmium, copper, lead, and zinc require hardness correction specific to the sample data. In accordance with the ROD, cadmium, copper, lead, and zinc surface water criteria from the ROD were adjusted for hardness using the hardness of the individual sample following the chemical-specific procedures outlined in the USEPA National Recommended Water Quality Criteria (NRWQC) and Washington Administrative Code (WAC) 173-201A.[1]

[1] For the cadmium criterion, the ROD used the 2001 NRWQC formula for calculating the hardness-adjusted criterion; however, the NRWQC formula for cadmium was updated in 2016 and is now being used to calculate the hardness-adjusted criterion for cadmium. The 2016 NRWQC-based cadmium criterion is used for comparison to the sample results in this Data Report; however, the 2001 NRWQC criterion from the ROD is also presented in the Table 2.1 for reference.

3.0 Groundwater

Data collection activities related to groundwater were performed to evaluate remedy performance relative to RAO 3 and portions of RAO 5, consistent with the data quality objectives described in the PSVP. These activities include routine hydrogeologic measurements and water sampling from multiple location types during the spring freshet.

3.1 HYDROGEOLOGIC MEASUREMENTS AND RESULTS

Hydrogeologic measurements in spring 2021 included manual water level measurements at monitoring wells, well points, staff gauges, and stilling wells; vibrating wire piezometer (VWP) transducers located adjacent to the barrier wall; and pressure transducer measurements from locations instrumented with dataloggers (refer to Figure 3.1). Several staff gauges, including SG-7, SG-9, SG-12R, SG-14, SG-16, and SG-17, were not monitored during this event due to damage caused by high flow in Railroad Creek.

Manual water level measurements were collected as a synoptic event over a period of a few hours on June 4, 2021, to provide a snapshot of head measurements for use in assessment of groundwater flow, vertical gradients, and groundwater-surface water interactions. These water levels are summarized in Tables 3.3 and 3.4. Water levels in Railroad Creek were highest during this event on June 4 during the manual water level collection and began to drop quickly in the following days. See photographs of the RC-4 staff gauge included in Appendix F for river stages on June 4 and 6, 2021, respectively.

Table 3.3 presents the manual water level elevations from monitoring wells, well points, staff gauges, and stilling wells for the monitoring event and previous PSVP monitoring events beginning in 2019. Monitoring wells are assigned to the Shallow, Intermediate, or Deep Zones based on relative well screen elevation. A comparison between staff gauge and adjacent well point measurements is included as Table 3.4.

VWP measurements from 20 boring locations along the barrier wall (BW-VWP-60 through BW-VWP-79) are presented in Table 3.5. Selected VWPs are shown on Figures 3.2, 3.3, and 3.4. VWPs are installed at three to four depths in paired borings located at intervals on both sides of the barrier wall; however, VWP data are based on the elevation of the installed instrument and are not directly calibrated to water level elevation, so the head measurement accuracy relative to the vertical datum may be less than the 0.01-foot accuracy typical for manual water levels. VWP data were assigned to the Shallow, Intermediate, or Deep Zone based on relative VWP elevation and lithology; VWP data from glacial till was not used for mapping or gradients. A comparison of VWP head measurements across the barrier wall is presented in Table 3.6.

Tables 3.7 and 3.8 present vertical gradients calculated at monitoring well clusters and VWPs, respectively. Figures 3.2 through 3.4 show the potentiometric surfaces based on head elevations in the Shallow, Intermediate, and Deep Zones, respectively. VWP head data are presented with

manual water level measurements in these figures to provide a more complete picture of hydrogeologic conditions across the Site.

Pressure transducer data were uploaded from 32 monitoring wells that were instrumented during the 2019 and 2020 monitoring events and an accompanying barologger, and from the 7 stilling wells (DS-15-STW, STW-1, DS-18-STW, SG-7STW, SG-WL1-STW, SG-WL2-STW, and SG-10STW) that were instrumented during the fall 2019 and fall 2020 monitoring events. Refer to Figure 3.1 and Table 3.2 for the instrumented locations. Transducer data were adjusted for barometric pressure and corrected for instrument drift by applying a linear interpolation between the starting and ending values. Hydrographs for paired or clustered monitoring well pairs, and groupings of Tailings Pile 2 and Tailings Pile 3 monitoring wells, are presented in Figures 3.5 through 3.14 with datalogger and manual water level measurements. Stilling well data from STW-1, SG-10STW, and SG-7-STW are presented in Figure 3.15 and all other stilling well data are plotted with hydrographs for nearby monitoring well clusters.

3.2 WATER SAMPLING ACTIVITIES AND RESULTS

Monitoring well sampling, well point sampling, porewater sampling, wetlands surface water sampling, and seep surveying and sampling were conducted in accordance with the existing SOPs (MWH 2010, MWH 2013a, Floyd|Snider 2020), except where noted in the following sections and summarized in Section 5.0. Water quality parameters, including pH, dissolved oxygen, turbidity, specific conductivity, oxidation-reduction potential, temperature, and ferrous iron were recorded during sampling. Samples were collected after field parameters stabilized during low-flow sampling. For sampling locations where turbidity exceeded or approached 5 nephelometric turbidity units (NTU), a field-filtered sample was collected and submitted for dissolved metals analysis in addition to the planned analytical suite. Field forms are included as Appendix C. A summary of COC metals results from 2019 to 2021 is included in Appendix E.

3.2.1 Monitoring Well Sampling

The monitoring wells sampled are illustrated on Figure 3.16. Monitoring wells were sampled with a peristaltic pump, a dedicated bladder pump, or a decontaminated stainless-steel submersible centrifugal pump. The dedicated bladder pumps are Geotech 18-inch PVC pumps (model GEO 1.66PVC18). The submersible pumps used were SS Hurricane pumps connected to Low Flow with Power Booster 2.5 controllers. Monitoring wells were sampled with new or dedicated polyethylene tubing.

One monitoring well, TP2-16S, that was designated for sampling was found to be dry (i.e., less than 0.5 feet of water trapped in the well sump) and therefore was not sampled during this monitoring event. TP2-16S has been dry during all sampling events since at least 2019.

Analytical results and field parameters are presented in Table 3.9. Analytical results for COCs are shown on Figure 3.16.

Consistent with the PSVP, groundwater results from monitoring wells were compared to the drinking water-based criteria from the ROD. Criteria for aluminum, cadmium, copper, lead, and zinc for groundwater and surface water potentially used for drinking water are summarized in ROD Table 11 based on the chemical-specific ARARs in ROD Table 2. Exceedances of these criteria are presented in red text on Figure 3.16 and Table 3.9. In addition, ROD criteria for aluminum, cadmium, copper, iron, lead, and zinc for surface water and groundwater discharging to surface water are shown for comparison, without adjustment for hardness, in Table 3.9.

3.2.2 Well Point Sampling

Nine well points were sampled as part of the spring 2021 field event including eight previously sampled locations (SG-7R-WP, SG-8-WP, SG-9-WP, SG-10-WP, SG-11-WP, SG-17-WP, SG-18-WP, and DS-14) and one additional location not previously sampled during the PSVP program (SG-12R-WP). Sampling of the location SG-12R-WP was proposed by Rio Tinto in a letter to the Agencies responding to the USEPA Draft Optimization Review Technical Memorandum (Rio Tinto 2020) to address a USEPA recommendation about monitoring groundwater quality in the area downgradient of the PSVP groundwater locations. The well points sampled are illustrated on Figures 3.16 (Sheet 3) and 3.17. Well points were sampled using a peristaltic pump and low-flow methods.

Analytical results and field parameters for well points are presented in Table 3.10. Analytical results for COCs are shown on Figures 3.16 (Sheet 3) and 3.17.

Consistent with the ROD and PSVP, groundwater results from well point samples were compared to surface water criteria from the ROD. Criteria for aluminum, cadmium, copper, iron, lead, and zinc for surface water and groundwater discharging to surface water are summarized in ROD Table 11 based on the chemical-specific ARARs and background concentrations for surface water in ROD Table 3. As specified in the ROD Table 3, footnote 2, criteria for cadmium, copper, lead, and zinc require hardness correction specific to the sample data. In accordance with the ROD, cadmium, copper, lead, and zinc surface water criteria from the ROD were adjusted for hardness following the chemical-specific procedures outlined in the USEPA NRWQC and WAC 173-201A. The hardness of the adjacent porewater sample at the location at 12 inches below the streambed, which is the depth at which groundwater discharges to the hyporheic zone, was used in the adjustment, with an exception for the sample collected at SG-8-WP, which was compared to hardness-adjusted criteria from the 36-inch-deep sample due to damage of the 12-inch porewater sampler. For the cadmium criterion, the ROD used the 2001 NRWQC formula for calculating the hardness-adjusted criterion; however, the NRWQC formula for cadmium was updated in 2016 and is now being used to calculate the hardness-adjusted criterion for cadmium. For the DS-14 well point location with no adjacent porewater samples, an average of the closest upstream (SG-9) and downstream (SG-17) 12-inch porewater samples was used for the hardness-adjusted criteria. Exceedances of these hardness-adjusted criteria, and unadjusted criteria for aluminum and iron, are indicated on Figures 3.16 (Sheet 3) and 3.17 and in Table 3.10.

3.2.3 Porewater Sampling

Porewater samples were collected from eight stations (RC-6, SG-7, SG-8, SG-9, SG-17, SG-10, SG-18, and SG-11), each with multiple depth intervals at 6, 12, and 36 inches below the Railroad Creek streambed. The porewater locations sampled, with the exception of upgradient background location RC-6, are illustrated on Figure 3.17. Porewater locations were sampled using a peristaltic pump and low-flow methods.

Samples were not collected from the 6- and 12-inch porewater depths at SG-8 due to damage from streambed erosion at this station (refer to photograph 3 in Appendix F). Additionally, sample volume was limited at SG-17-WP-36, because this porewater sampler produced low yield when pumped. Water collected from SG-17-WP-36 was submitted with a reduced sample volume for a shortened analyte list consistent with the available sample volume. Analytical results and field parameters are presented in Table 3.11. Analytical results of COCs for locations other than RC-6 are shown on Figure 3.17.

Consistent with the ROD and PSVP, groundwater results from porewater samples were compared to surface water criteria from the ROD. Criteria for aluminum, cadmium, copper, iron, lead, and zinc for surface water and groundwater discharging to surface water are summarized in ROD Table 11 based on the chemical-specific ARARs and background concentrations for surface water in ROD Table 3. As specified in the ROD Table 3, footnote 2, criteria for cadmium, copper, lead, and zinc require hardness correction specific to the sample data. In accordance with the ROD, cadmium, copper, lead, and zinc surface water criteria from the ROD were adjusted for hardness following the chemical-specific procedures outlined in the USEPA NRWQC and WAC 173-201A. The hardness of the porewater sample at the location at 12 inches below streambed was used in the adjustment. For the SG-8-WP-36 sample, the hardness of the sample was used for criteria adjustment because samples were not collected from the 12-inch (or 6-inch) porewater depth due to damage. For the cadmium criterion, the ROD used the 2001 NRWQC formula for calculating the hardness-adjusted criterion; however, the NRWQC formula for cadmium was updated in 2016 and is now being used to calculate the hardness-adjusted criterion for cadmium. Exceedances of these hardness-adjusted criteria, and unadjusted criteria for aluminum and iron, are presented in red on Figure 3.17 and in Table 3.11.

3.2.4 Seep Visual Survey and Sampling

The seep visual survey along the south side of Railroad Creek adjacent to the tailings piles and along the barrier wall was completed over 4 days between June 6 and 9, 2021. A separate portion of the seep survey was completed to address RAO 1 in the west area seeps, as described in Section 4.0. Previously established seeps were inspected and sampled if present. Where new seeps were observed or suspected that were difficult to distinguish from surface water (for example, at the base of riprap along Railroad Creek banks), water quality parameters were measured and compared to surface water. If a new suspected seep was observed to have water quality parameters that differed from the surface water, they were given unique location identifiers and sampled using a peristaltic pump. Field parameters, including ferrous iron, were

recorded on field forms included as Appendix C. All seep locations were documented on a handheld GPS and are shown on Figure 3.16.

Most observed seeps were present within the high-water channel banks near the active creek levels. The flow rate of most seeps could not be measured using standard methods, so visual estimates were recorded on field forms. Additional seeps were observed along the south edge of the Wetlands East of Tailings Pile 3 at the base of the bypass road (SP-48 and SP-49).

Analytical results and field parameters are presented in Table 3.12. Analytical results for COCs are shown on Figure 3.16 (Sheet 2 and 3).

Consistent with the ROD and PSVP, groundwater results from seep samples were compared to surface water criteria from the ROD. Criteria for aluminum, cadmium, copper, iron, lead, and zinc for surface water and groundwater discharging to surface water are summarized in ROD Table 11 based on the chemical-specific ARARs and background concentrations for surface water in ROD Table 3. As specified in the ROD Table 3, footnote 2, criteria for cadmium, copper, lead, and zinc require hardness correction specific to the sample data. In accordance with the ROD, cadmium, copper, lead, and zinc surface water criteria from the ROD were adjusted for hardness following the chemical-specific procedures outlined in the USEPA NRWQC and WAC 173-201A. The hardness of the seep sample was used in the adjustment. For the cadmium criterion, the ROD used the 2001 NRWQC formula for calculating the hardness-adjusted criterion; however, the NRWQC formula for cadmium was updated in 2016 and is now being used to calculate the hardness-adjusted criterion for cadmium. Exceedances of these hardness-adjusted criteria, and unadjusted criteria for aluminum and iron, are presented in red on Figure 3.16 and in Table 3.12.

3.2.5 Wetland Surface Water Sampling

Two surface water sampling locations were sampled in the wetland area at the eastern toe of Tailings Pile 3 and one new surface water location (SW-STP3) was sampled from the channelized runoff at the South of Tailings Pile 3 Borrow Area. The location SW-STP3 was added following a Rio Tinto recommendation in the 2020 ACAR that this water could be used to improve the understanding of water quality in the wetlands. These surface water locations are shown on Figure 3.16 (Sheet 3). A photograph of the new surface water sample location is included in Appendix F.

Analytical results and field parameters are presented in Table 3.13. Analytical results for COCs are shown on Figure 3.16 (Sheet 3).

Consistent with the ROD and PSVP, water results from wetland surface water samples were compared to surface water criteria from the ROD. Criteria for aluminum, cadmium, copper, iron, lead, and zinc for surface water are summarized in ROD Table 11 based on the chemical-specific ARARs and background concentrations for surface water in ROD Table 3. As specified in the ROD Table 3, footnote 2, criteria for cadmium, copper, lead, and zinc require hardness correction specific to the sample data. In accordance with the ROD, cadmium, copper, lead, and zinc surface water criteria from the ROD were adjusted for hardness following the chemical-specific

procedures outlined in the USEPA NRWQC and WAC 173-201A. The hardness of the wetland surface water sample was used in the adjustment. For the cadmium criterion, the ROD used the 2001 NRWQC formula for calculating the hardness-adjusted criterion; however, the NRWQC formula for cadmium was updated in 2016 and is now being used to calculate the hardness-adjusted criterion for cadmium. Exceedances of these hardness-adjusted criteria, and unadjusted criteria for aluminum and iron, are indicated on Figure 3.16 (Sheet 3) and in Table 3.13.

4.0 West Area Seeps

The West Area Seeps survey and sampling activities were conducted to address RAO 1 by identifying and sampling seeps with the potential to discharge COCs to Railroad Creek in the western portion of the Site downgradient of the Honeymoon Heights area.

4.1 VISUAL SURVEY AND SAMPLING ACTIVITIES

The West Area Seeps survey zone is bounded in the east-west direction between the historical location of seep SP-23 and the upstream terminus of the Phase 1 barrier wall and in the north-south direction from Railroad Creek to the maximum elevation of the underground mine pool (approximately 3,550 feet above mean sea level). Refer to Figure 3.16 (Sheet 1). The West Area Seeps survey zone was traversed between June 7 and 9, 2021, by walking transects of the hillside downgradient of the Honeymoon Heights area, first west of the barrier wall along the creek between SP-23 and the east extent of the seep trench system, and then along the hillside above the 1500 Level Ventilator Portal Access Road.

As part of the survey, previously established seeps were inspected and sampled, if present. Six previously identified seeps were sampled within the West Area Seeps survey zone, locations SP-12 East, SP-12 West, SP-14A, SP-41, SP-42, and SP-43. SP-12 East, SP-12 West, and SP-41 are located just above the Railroad Creek channel, and SP-14A, SP-42, and SP-43 are located in drainages along the hillslope upgradient of the West Area Seeps collection trench.

Seeps were sampled using a peristaltic pump and disposable polyethylene tubing. Field parameters, including ferrous iron, were recorded on field forms included as Appendix C. All West Area Seeps locations were recorded with a handheld GPS and are shown on Figure 3.16 (Sheet 1). Select photographs from the seep survey are included in Appendix F.

4.2 SEEP SAMPLING RESULTS

West Area Seeps analytical results and field parameters are presented in Table 4.1. Analytical results for COCs are shown on Figure 3.16 (Sheet 1).

Consistent with the ROD and Final PSVP, water results from seep samples were compared to surface water criteria from the ROD. Criteria for aluminum, cadmium, copper, iron, lead, and zinc for surface water and groundwater discharging to surface water are summarized in ROD Table 11 based on the chemical-specific ARARs and background concentrations for surface water in ROD Table 3. As specified in the ROD Table 3, footnote 2, criteria for cadmium, copper, lead, and zinc require hardness correction specific to the sample data. In accordance with the ROD, cadmium, copper, lead, and zinc surface water criteria from the ROD were adjusted for hardness following the chemical-specific procedures outlined in the USEPA NRWQC and WAC 173-201A. The hardness of the seep sample was used in the adjustment. For the cadmium criterion, the ROD used the 2001 NRWQC formula for calculating the hardness-adjusted criterion; however, the NRWQC formula for cadmium was updated in 2016 and is now being used to calculate the hardness-adjusted criterion for cadmium. Exceedances of these hardness-adjusted criteria are indicated on Figure 3.16 (Sheet 1) and in Table 4.1.

5.0 Summary of Deviations

The spring 2021 field event was completed in accordance with the project SAP and QAPP, and with the PSVP, with only minor deviations. Notable deviations are described in this Data Report and listed below:

- Water level measurements were not collected at all planned locations, including staff gauges found to be missing or damaged (SG-7, SG-9, SG-12R, SG-14, SG-16, and SG-17); and wells that were dry (TP2-16S) or inaccessible (SG-14-WP).
- Porewater samples were not collected from SG-8-PW-6 or SG-8-PW-12 because streambed erosion exposed the screens to the surface water. As such, the porewater sample from SG-8-WP-36 and groundwater sample from the well point SG-8-WP at this station were compared to criteria adjusted for hardness using the hardness result of the 36-inch porewater sampler rather than the 12-inch porewater sampler.
- One monitoring well, TP2-16S, that was designated for sampling was found to be dry and therefore was not sampled during the spring 2021 field event.
- Sample volume was limited at SG-17-WP-36, because this porewater sampler produced low yield when pumped. Water collected from SG-17-WP-36 was submitted with a reduced sample volume for a shortened analyte list consistent with the available sample volume.

6.0 Conclusions

This Data Report presents the results of the Site spring 2021 field event. As described in this Data Report, the work was completed in accordance with the ROD and UAO-SOW using the data quality objectives framework presented in the PSVP. The results provide data suitable for use in remedy performance evaluation.

The reporting structure described in the PSVP includes two reports that accompany the primary semiannual monitoring events: a Data Report following the spring event, and an Annual Compliance Assessment Report following the fall event. Evaluations of Site conditions relative to the RAOs and related decision-making frameworks in the PSVP will be presented in the Annual Compliance Assessment Report. The EDD in Appendix B will be updated following the completion of the fall 2021 monitoring event and will be submitted to Ecology's EIM database and to the Agencies with the 2021 Annual Compliance Monitoring Report.

7.0 References

Floyd|Snider. 2020. *Holden Mine Site Final Performance Standards Verification Plan.* Prepared for Rio Tinto AUM Company. November.

_____. 2021a. *Holden Mine 2021 PSVP Monitoring Activities*. Memorandum from Pamela Osterhout, Erin Cosnowski, Brett Beaulieu, and Jessi Massingale, Floyd|Snider, to Roney Lima, Craig Stevens, and Kenneth Ezpeleta, Rio Tinto. 10 March.

_____. 2021b. *Holden Mine Site Site-Specific Health and Safety Plan.* Prepared for Rio Tinto AUM Company. May.

MWH. 2010. *Holden Mine Site Baseline Characterization and Monitoring Plan, Final Workplan*. 3 September.

_____. 2013a. *Approved Site-Wide Water Quality Monitoring During Remedial Action Plan, Holden Mine.* Prepared for Intalco. June.

_____. 2013b. *Draft 2012 Baseline Water Quality Conditions Report for Holden Mine.* Prepared for Intalco. April.

Rio Tinto. 2020. Letter to Piper Peterson, USEPA, from Roney Lima, Rio Tinto, re: Draft Final Optimization Review Technical Memorandum, Holden Superfund Site, February 12, 2021. March 24.

U.S. Department of Agriculture, Forest Service (USFS). 2012a. *Unilateral Administrative Order for Remedial Design and Remedial Action. Holden Mine Site, Washington.* USEPA Docket No. CERCLA-10-2012-0127. 25 June.

_____. 2012b. *Record of Decision Holden Mine Site Chelan County, Washington.* January.

U.S. Environmental Protection Agency (USEPA). 2020a. *National Functional Guidelines for Inorganic Superfund Methods Data Review.* Prepared by the Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006/OLEM 9240.1-66. November.

_____. 2020b. *National Functional Guidelines for Organic Superfund Methods Data Review.* Prepared by the Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005/OLEM 9240.0-51. November.

Holden Mine Site

PSV 2021 Spring Event
Data Report

Tables

DRAFT

Table 2.1
Surface Water Results

			Area	Background Surface Water						Adjacent to Tailings Piles Surface Water					
			Location [1]	RC-6			RC-1			RC-4			RC-16		
			Sample Type	Field Sample			Field Sample			Field Sample			Field Sample		
			Sample Date	6/5/2021			6/5/2021			6/5/2021			6/5/2021		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals															
Aluminum	7429-90-5	µg/L	**142**	--	--	**207**	--	--	**204**	--	--	**218**	--	--	102
Cadmium	7440-43-9	µg/L	0.050	0.0473	**0.121**	**0.137**	0.0501	**0.128**	**0.132**	0.0548	**0.142**	0.0390	0.0518	**0.133**	0.0064 JQ
Calcium	7440-70-2	µg/L	--	--	--	3,120	--	--	3,440	--	--	3,950	--	--	3,470
Copper	7440-50-8	µg/L	1.45	**1.50**	--	**1.51**	**1.61**	--	**2.53**	**1.80**	--	**3.31**	**1.68**	--	0.507
Iron	7439-89-6	µg/L	**1,000**	--	--	263	--	--	295	--	--	282	--	--	117
Lead	7439-92-1	µg/L	0.169	**0.178**	--	**0.238**	**0.196**	--	**0.247**	**0.226**	--	0.226	**0.207**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	389	--	--	391	--	--	421	--	--	484
Manganese	7439-96-5	µg/L	--	--	--	6.13	--	--	6.59	--	--	6.64	--	--	2.30
Potassium	7440-09-7	µg/L	--	--	--	358	--	--	351	--	--	386	--	--	526
Sodium	7440-23-5	µg/L	--	--	--	555	--	--	564	--	--	585	--	--	567
Zinc	7440-66-6	µg/L	13.6	**14.1**	--	6.00 U	**15.1**	--	6.00 U	**16.8**	--	4.13 JQ	**15.7**	--	6.00 U
Dissolved Metals															
Aluminum	7429-90-5	µg/L	**142**	--	--	17.6 JQ	--	--	18.9 JQ	--	--	27.3	--	--	--
Cadmium	7440-43-9	µg/L	0.050	0.0473	**0.121**	0.0212	0.0501	**0.128**	0.0194 JQ	0.0548	**0.142**	0.0338	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	3,330	--	--	3,160	--	--	3,230	--	--	--
Copper	7440-50-8	µg/L	1.45	**1.50**	--	0.622	**1.61**	--	0.636	**1.80**	--	**2.19**	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	36.0 U	--	--	21.5 JQ	--	--	27.3 JQ	--	--	--
Lead	7439-92-1	µg/L	0.169	**0.178**	--	0.100 U	**0.196**	--	0.100 U	**0.226**	--	0.100 U	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	307	--	--	296	--	--	324	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	1.22	--	--	1.38	--	--	1.55	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	296	--	--	290	--	--	300	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	531	--	--	518	--	--	540	--	--	--
Zinc	7440-66-6	µg/L	13.6	**14.1**	--	6.00 U	**15.1**	--	6.00 U	**16.8**	--	6.00 U	**--**	--	--
Conventionals															
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	7.02	--	--	7.12	--	--	7.63	--	--	7.14
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	7.02	--	--	7.12	--	--	7.63	--	--	7.14
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.108	--	--	0.109	--	--	0.107	--	--	0.100 U
Dissolved Organic Carbon	--	mg/L	--	--	--	0.78	--	--	0.73	--	--	0.77	--	--	0.51
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.127 J
Sulfate	14808-79-8	mg/L	--	--	--	1.81	--	--	1.86	--	--	2.00	--	--	2.25
Total Dissolved Solids	--	mg/L	--	--	--	13	--	--	14	--	--	20	--	--	19
Total Suspended Solids	--	mg/L	--	--	--	5	--	--	5	--	--	5	--	--	4
Total Organic Carbon	--	mg/L	--	--	--	0.9	--	--	0.83	--	--	0.87	--	--	0.58
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	9.39	--	--	10.2	--	--	11.6	--	--	10.7

Table 2.1
Surface Water Results

			Area	Background Surface Water						Adjacent to Tailings Piles Surface Water					
			Location [1]	RC-6			RC-1			RC-4			RC-16		
			Sample Type	Field Sample			Field Sample			Field Sample			Field Sample		
			Sample Date	6/5/2021			6/5/2021			6/5/2021			6/5/2021		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [5]															
Dissolved Oxygen (DO)	--	mg/L	--	--	--	12.84	--	--	11.96	--	--	12.53	--	--	13.03
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	127.7	--	--	53.4	--	--	78.6	--	--	72.9
pH	--	pH	--	--	--	5.91	--	--	6.27	--	--	6.09	--	--	6.35
Specific Conductivity	--	µS/cm	--	--	--	16	--	--	17.6	--	--	17.5	--	--	18.1
Turbidity	--	ntu	--	--	--	4.71	--	--	5.43	--	--	6.95	--	--	2.59

Notes:

Results for total metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness-adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the individual sample was used for the adjustment.

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during surface water sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18, 0–10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 2.1
Surface Water Results

			Area	Adjacent to Tailings Piles Surface Water (cont.)									Downstream Surface Water					
			Location [1]	RC-7						RC-24			RC-2 (SG-7)			RC-13 (SG-8)		
			Sample Type	Field Sample			Field Duplicate			Field Sample			Field Sample			Field Sample		
			Sample Date	6/5/2021			6/5/2021			6/7/2021			6/7/2021			6/7/2021		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	**178**	--	--	**161**	--	--	91.9	--	--	97.0	--	--	85.7
Cadmium	7440-43-9	µg/L	0.050	0.0515	**0.132**	0.0390	0.0535	**0.138**	0.0410	0.0619	**0.161**	0.0404	0.0597	**0.155**	0.0416	0.0561	**0.145**	0.0400
Calcium	7440-70-2	µg/L	--	--	--	3,620	--	--	3,820	--	--	4,730	--	--	4,490	--	--	4,130
Copper	7440-50-8	µg/L	1.45	**1.67**	--	**2.90**	**1.75**	--	**2.89**	**2.09**	--	**2.83**	**2.00**	--	**2.93**	**1.85**	--	**2.60**
Iron	7439-89-6	µg/L	**1,000**	--	--	228	--	--	218	--	--	129	--	--	121	--	--	122
Lead	7439-92-1	µg/L	0.169	**0.204**	--	0.181	**0.218**	--	0.172	**0.276**	--	0.0950 JQ	**0.260**	--	0.109	**0.235**	--	0.0950 JQ
Magnesium	7439-95-4	µg/L	--	--	--	387	--	--	398	--	--	484	--	--	455	--	--	416
Manganese	7439-96-5	µg/L	--	--	--	5.55	--	--	5.47	--	--	3.85	--	--	3.49	--	--	3.65
Potassium	7440-09-7	µg/L	--	--	--	371	--	--	390	--	--	429	--	--	407	--	--	394
Sodium	7440-23-5	µg/L	--	--	--	539	--	--	584	--	--	682	--	--	649	--	--	607
Zinc	7440-66-6	µg/L	13.6	**15.6**	--	4.12 JQ	**16.4**	--	3.93 JQ	**19.5**	--	4.75 JQ	**18.7**	--	5.15 JQ	**17.3**	--	5.24 JQ
Dissolved Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	20.6	--	--	20.7	--	--	37.0	--	--	17.7 JQ	--	--	--
Cadmium	7440-43-9	µg/L	0.050	0.0515	**0.132**	0.0294	0.0535	**0.138**	0.0334	0.0619	**0.161**	0.0426	0.0597	**0.155**	**0.169**	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	3,320	--	--	3,330	--	--	4,950	--	--	4,630	--	--	--
Copper	7440-50-8	µg/L	1.45	**1.67**	--	**2.03**	**1.75**	--	**2.09**	**2.09**	--	**2.20**	**2.00**	--	**2.16**	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	23.7 JQ	--	--	21.6 JQ	--	--	45.8	--	--	36.0 U	--	--	--
Lead	7439-92-1	µg/L	0.169	**0.204**	--	0.100 U	**0.218**	--	0.100 U	**0.276**	--	0.100 U	**0.260**	--	0.100 U	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	335	--	--	335	--	--	472	--	--	456	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	1.46	--	--	1.54	--	--	2.68	--	--	1.67 J	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	326	--	--	324	--	--	431	--	--	396	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	545	--	--	543	--	--	692	--	--	695	--	--	--
Zinc	7440-66-6	µg/L	13.6	**15.6**	--	3.38 JQ	**16.4**	--	3.73 JQ	**19.5**	--	4.29 JQ	**18.7**	--	4.75 JQ	**--**	--	--
Conventionals																		
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	7.12	--	--	6.82	--	--	10.1	--	--	9.57	--	--	9.67
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	7.12	--	--	6.82	--	--	10.1	--	--	9.57	--	--	9.67
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.105	--	--	0.105	--	--	0.119	--	--	0.121	--	--	0.124
Dissolved Organic Carbon	--	mg/L	--	--	--	0.67	--	--	0.71	--	--	0.65	--	--	0.63	--	--	0.65
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	2.12	--	--	2.11	--	--	3.23	--	--	2.80	--	--	2.87
Total Dissolved Solids	--	mg/L	--	--	--	18	--	--	20	--	--	29 J	--	--	29 J	--	--	27 J
Total Suspended Solids	--	mg/L	--	--	--	4	--	--	4	--	--	2 J	--	--	2 J	--	--	2 J
Total Organic Carbon	--	mg/L	--	--	--	0.77	--	--	0.78	--	--	0.69	--	--	0.65	--	--	0.61
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	10.6	--	--	11.2	--	--	13.8	--	--	13.1	--	--	12.0

Table 2.1
Surface Water Results

Area				Adjacent to Tailings Piles Surface Water (cont.)									Downstream Surface Water					
Location [1]				RC-7						RC-24			RC-2 (SG-7)			RC-13 (SG-8)		
Sample Type				Field Sample			Field Duplicate			Field Sample			Field Sample			Field Sample		
Sample Date				6/5/2021			6/5/2021			6/7/2021			6/7/2021			6/7/2021		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [5]																		
Dissolved Oxygen (DO)	--	mg/L	--	--	--	12.89	--	--		--	--	13.61	--	--	11.97	--	--	11.4
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--		--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	77.6	--	--		--	--	70.5	--	--	146.7	--	--	139.8
pH	--	pH	--	--	--	6.18	--	--		--	--	7	--	--	5.94	--	--	6.28
Specific Conductivity	--	µS/cm	--	--	--	17.8	--	--		--	--	31.2	--	--	28.6	--	--	29.7
Turbidity	--	ntu	--	--	--	4.44	--	--		--	--	6.67	--	--	2.44	--	--	1.83

Notes:

Results for total metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness-adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the individual sample was used for the adjustment.

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during surface water sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18, 0–10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 2.1
Surface Water Results

Area	Downstream Surface Water (cont.)																	
Location [1]	SG-9			SG-10			SG-11			RC-5A			SG-13					
Sample Type	Field Sample			Field Sample			Field Sample			Field Sample			Field Sample					
Sample Date	6/6/2021			6/5/2021			6/6/2021			6/5/2021			6/7/2021					
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	141	--	--	**947**	--	--	**172**	--	--	**232**	--	--	109
Cadmium	7440-43-9	µg/L	0.050	0.0793	**0.211**	0.0506	0.151	**0.423**	**0.997**	0.0662	**0.174**	0.0470	0.0574	**0.149**	**0.221**	0.0745	**0.197**	0.0446
Calcium	7440-70-2	µg/L	--	--	--	6,840	--	--	16,200	--	--	5,240	--	--	4,230	--	--	6,190
Copper	7440-50-8	µg/L	1.45	**2.83**	--	**2.90**	**6.22**	--	**7.49**	**2.27**	--	**2.99**	**1.91**	--	**2.97**	**2.62**	--	**3.02**
Iron	7439-89-6	µg/L	**1,000**	--	--	197	--	--	186	--	--	230	--	--	226	--	--	257
Lead	7439-92-1	µg/L	0.169	**0.413**	--	0.134	**1.16**	--	0.146	**0.308**	--	0.145	**0.244**	--	0.237	**0.373**	--	0.109
Magnesium	7439-95-4	µg/L	--	--	--	632	--	--	2,220	--	--	522	--	--	448	--	--	623
Manganese	7439-96-5	µg/L	--	--	--	14.2	--	--	628	--	--	11.0	--	--	12.7	--	--	12.2
Potassium	7440-09-7	µg/L	--	--	--	498	--	--	1,530	--	--	424	--	--	391	--	--	453
Sodium	7440-23-5	µg/L	--	--	--	728	--	--	1,320	--	--	649	--	--	578	--	--	756
Zinc	7440-66-6	µg/L	13.6	**26.4**	--	5.84 JQ	**57.6**	--	**81.4**	**21.2**	--	5.48 JQ	**17.8**	--	5.12 JQ	**24.4**	--	5.81 JQ
Dissolved Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	15.9 JQ	--	--	**514**	--	--	41.5	--	--	18.5 JQ	--	--	23.2
Cadmium	7440-43-9	µg/L	0.050	0.0793	**0.211**	0.0448	0.151	**0.423**	**0.860**	0.0662	**0.174**	0.0368	0.0574	**0.149**	0.0318	0.0745	**0.197**	0.193
Calcium	7440-70-2	µg/L	--	--	--	5,930	--	--	13,400	--	--	4,540	--	--	3,760	--	--	6,540
Copper	7440-50-8	µg/L	1.45	**2.83**	--	2.06	**6.22**	--	5.79	**2.27**	--	**2.30**	**1.91**	--	**2.01**	**2.62**	--	1.65
Iron	7439-89-6	µg/L	**1,000**	--	--	25.8 JQ	--	--	87.6	--	--	62.2	--	--	24.2 JQ	--	--	25.1 JQ
Lead	7439-92-1	µg/L	0.169	**0.413**	--	0.100 U	**1.16**	--	0.100 U	**0.308**	--	0.100 U	**0.244**	--	0.100 U	**0.373**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	570	--	--	1,980	--	--	463	--	--	383	--	--	604
Manganese	7439-96-5	µg/L	--	--	--	10.6	--	--	493	--	--	7.60	--	--	5.34	--	--	9.96
Potassium	7440-09-7	µg/L	--	--	--	457	--	--	1,370	--	--	405	--	--	333	--	--	452
Sodium	7440-23-5	µg/L	--	--	--	700	--	--	1,250	--	--	627	--	--	575	--	--	779
Zinc	7440-66-6	µg/L	13.6	**26.4**	--	6.04	**57.6**	--	**75.0**	21.2	--	4.89 JQ	**17.8**	--	4.52 JQ	**24.4**	--	5.15 JQ
Conventionals																		
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	9.49	--	--	2.65	--	--	8.75	--	--	7.73	--	--	11.5
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	9.49	--	--	2.65	--	--	8.75	--	--	7.73	--	--	11.5
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.118	--	--	0.178	--	--	0.126	--	--	0.102	--	--	0.116
Dissolved Organic Carbon	--	mg/L	--	--	--	0.62	--	--	0.59	--	--	0.72	--	--	0.73	--	--	0.59
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	9.00	--	--	40.6	--	--	4.62	--	--	3.39	--	--	5.45
Total Dissolved Solids	--	mg/L	--	--	--	23	--	--	74	--	--	19	--	--	22	--	--	38 J
Total Suspended Solids	--	mg/L	--	--	--	3	--	--	6	--	--	4	--	--	7	--	--	3 J
Total Organic Carbon	--	mg/L	--	--	--	0.69	--	--	0.84	--	--	0.69	--	--	0.77	--	--	0.68
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	19.7	--	--	49.5	--	--	15.2	--	--	12.4	--	--	18.0

Table 2.1
Surface Water Results

Area	Downstream Surface Water (cont.)																	
Location [1]	SG-9						SG-10			SG-11			RC-5A			SG-13		
Sample Type	Field Sample						Field Sample			Field Sample			Field Sample			Field Sample		
Sample Date	6/6/2021						6/5/2021			6/6/2021			6/5/2021			6/7/2021		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [5]																		
Dissolved Oxygen (DO)	--	mg/L	--	--	--	-- [6]	--	--	9.26	--	--	12.82	--	--	10.94	--	--	12.25
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	121.6	--	--	91.3	--	--	156.1	--	--	159.4	--	--	61.4
pH	--	pH	--	--	--	6.25	--	--	5.62	--	--	5.88	--	--	6.1 J	--	--	6.95
Specific Conductivity	--	µS/cm	--	--	--	39.5	--	--	121.6	--	--	33.9	--	--	28.7	--	--	42.3
Turbidity	--	ntu	--	--	--	3.35	--	--	3.18	--	--	3.65	--	--	4.63	--	--	2.2

Notes:

Results for total metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness-adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the individual sample was used for the adjustment.

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during surface water sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18, 0–10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS	Chemical Abstracts Service	mg/L	Milligrams per liter
µg/L	Micrograms per liter	mV	Millivolts
µS/cm	Microsiemens per centimeter	NTU	Nephelometric turbidity units
mg-$CaCO_3$/L	Milligrams calcium carbonate per liter	ROD	Record of Decision

Qualifiers:

J	Analyte was detected, concentration is considered to be an estimate.
JQ	Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U	Analyte was not detected at the given reporting limit.
UJ	Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.1
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Inventory

Location ID	Ecology Tag	Location Type	Transducer Serial Number (last 4 or 5 digits)	Installation Date (completion)	Screened Lithologic Unit [1]	Screen Potentiometric Zone [2]	Total Depth of Boring Time of Drilling (feet bgs)	Total Depth (measured from TOC)	Top of Screen Interval (feet bgs)	Bottom of Screen Interval (feet bgs)	Top of Screen Interval (feet amsl)	Bottom of Screen Interval (feet amsl)	TOC Elevation (feet amsl)	SG Measurement Adjustment (feet)	Ground Surface Elevation (feet amsl)	Well Diameter (inches)	Easting (feet NAD 83) [3]	Northing (feet NAD 83) [3]
DS-10D	BBB115	Monitoring well	--	6/12/2009	Not used	Deep	unknown	60.89	47.9	57.9	2,814.69	2,804.69	2,865.58	--	NM	2.0	1672048.72	434449.89
DS-10I	BBB114	Monitoring well	--	6/13/2009	Not used	Intermediate	unknown	37.97	25.0	35.0	2,837.98	2,827.98	2,865.95	--	NM	2.0	1672043.90	434460.40
DS-10S	BBB113	Monitoring well	--	6/14/2009	Not used	Shallow	unknown	18.90	5.9	15.9	2,857.63	2,847.63	2,866.53	--	NM	2.0	1672038.95	434472.36
DS-11D	BBJ266	Monitoring well	--	10/12/2010	Not used	Deep	unknown	52.69	39.7	49.7	2,989.78	2,979.78	3,032.47	--	NM	2.0	1665065.30	435845.11
DS-11I	BBJ267	Monitoring well	--	10/13/2010	Not used	Intermediate	unknown	38.36	25.4	35.4	3,004.06	2,994.06	3,032.42	--	NM	2.0	1665068.70	435852.66
DS-11S	BBJ268	Monitoring well	--	10/14/2010	Not used	Shallow	unknown	19.02	6.0	16.0	3,023.83	3,013.83	3,032.85	--	NM	2.0	1665059.85	435852.56
DS-12D	BIO849	Monitoring well	0360	10/16/2016	Alluvium	Intermediate	65	66.3	54.6	64.6	3,094.25	3,084.25	3,150.55	--	3,148.85	2.0	1658160.68	436541.44
DS-12I	BIO847	Monitoring well	07073	10/17/2016	Alluvium	Shallow	35.3	36.8	24.9	34.9	3,123.95	3,113.95	3,150.75	--	3,148.85	2.0	1658163.33	436544.82
DS-12S	BIO848	Monitoring well	07044	10/17/2016	Alluvium	Shallow	25.3	27.55	15.18	25.18	3,133.89	3,123.89	3,151.44	--	3,149.07	2.0	1658166.84	436550.04
DS-13D	BIO850	Monitoring well	07057	10/11/2016	Alluvium	Deep	95.8	98.75	86.11	96.11	3,064.33	3,054.33	3,152.77	--	3,150.13	2.0	1658213.73	436598.47
DS-13I	BIO851	Monitoring well	07038	10/18/2016	Alluvium	Intermediate	60	62.45	50.24	60.24	3,100.19	3,090.19	3,152.41	--	3,150.19	2.0	1658216.76	436602.75
DS-13S	BIO854	Monitoring well	1017	10/19/2016	Alluvium	Shallow	30.7	33.4	21.5	31.5	3,129.61	3,119.51	3,152.21	--	3,150.31	2.0	1658220.21	436607.17
DS-14	--	Well point	--	6/13/2019	Alluvium	Shallow	10.0	12.65	9.5	10.0	3,112.12	3,111.62	3,123.77	--	3,121.11	0.8	1659688.66	436272.04
DS-15I	BLW-311	Monitoring well	07034	6/15/2019	Alluvium	Intermediate	50	53.65	40	50	3,139.44	3,129.44	3,182.13	--	3,179.44	2.0	1656537.34	437211.08
DS-15S	BLW310	Monitoring well	79599	6/15/2019	Alluvium	Shallow	23	26.7	8.0	23.0	3,171.53	3,156.53	3,182.32	--	3,179.53	2.0	1656532.12	437211.86
DS-15-SG	--	Staff gauge	--	9/22/2020	--	Shallow	--	--	--	--	--	--	3,167.00	4.00	NM	--	1656524.90	437251.31
DS-15-STW	--	Stilling well	24502	9/22/2020	--	Shallow	--	--	--	--	--	--	3,167.40	--	NM	2.0	1656525.05	437251.82
DS-16D	BLW314	Monitoring well	--	6/12/2019	Alluvium	Deep	74	78.41	65.42	75.42	3,108.86	3,098.86	3,177.27	--	3,174.28	2.0	1657042.01	437183.38
DS-16I	BLW313	Monitoring well	07040	6/10/2019	Alluvium	Intermediate	51	54.05	41	51	3,133.24	3,123.24	3,177.29	--	3,174.23	2.0	1657037.01	437184.11
DS-16S	BLW312	Monitoring well	79607	6/10/2019	Alluvium	Shallow	28	24.0	13	28	3,161.27	3,146.27	3,177.32	--	3,174.27	2.0	1657031.47	437184.54
DG-16-SG	--	Staff gauge	--	9/22/2020	--	Shallow	--	--	--	--	--	--	3,162.47	4.00	NM	--	1657041.78	437222.91
DS-17I	BLW316	Monitoring well	07072	6/17/2019	Alluvium	Intermediate	60	29.6	50	60	3,115.21	3,105.21	3,168.22	--	3,165.21	2.0	1657552.59	437073.28
DS-17S	BLW315	Monitoring well	79608	6/17/2019	Alluvium	Shallow	24	27.5	9.5	24.5	3,155.82	3,140.82	3,168.32	--	3,165.30	2.0	1657545.93	437074.62
DS-18D	BLW319	Monitoring well	--	6/19/2019	Glacial Outwash	Deep	120	122.9	110.5	120.5	3,050.79	3,040.79	3,163.69	--	3,161.24	2.0	1657906.28	436924.96
DS-18I	BLW318	Monitoring well	07037	6/20/2019	Alluvium	Intermediate	55	58.7	45.8	55.8	3,115.24	3,105.24	3,163.94	--	3,161.06	2.0	1657901.35	436927.24
DS-18S	BLW317	Monitoring well	79595	6/20/2019	Alluvium	Shallow	22	25.0	7.0	22.0	3,154.17	3,139.17	3,164.11	--	3,161.17	2.0	1657897.01	436929.73
DS-18-SG	--	Staff gauge	--	9/23/2020	--	Shallow	--	--	--	--	--	--	3,153.38	4.00	NM	--	1657899.01	436965.87
DS-18-STW	--	Stilling well	25201	9/22/2020	--	Shallow	--	--	--	--	--	--	3,154.65	--	NM	2.0	1657899.35	436966.01
DS-3D	AFS844	Monitoring well	--	11/16/2001	Alluvium	Intermediate	49.6	51.7	39.7	49.7	3,108.37	3,098.13	3,149.83	--	3,147.86	2.0	1658892.44	436532.22
DS-3S	AFS845	Monitoring well	07028	11/16/2001	Alluvium	Shallow	27	28.9	16.8	26.8	3,130.85	3,120.93	3,149.83	--	3,147.77	2.0	1658888.45	436530.16
DS-4D	AFS842	Monitoring well	--	11/15/2001	Alluvium	Intermediate	49.8	51.9	39.9	49.9	3,104.65	3,094.34	3,146.24	--	3,144.22	2.0	1658892.68	436423.19
DS-4DD	BBB111	Monitoring well	--	5/30/2009	Glacial Outwash	Deep	129	131.2	119.1	129.1	3,025.16	3,015.16	3,146.36	--	3,144.25	2.0	1658882.36	436437.69
DS-4I	BLN929	Monitoring well	07031 + baro	10/11/2018	Glacial Moraine	Intermediate	68	68.3	55.2	65.2	3,088.61	3,078.61	3,146.91	--	3,143.83	2.0	1658883.03	436428.87
DS-4S	AFS843	Monitoring well	07035	11/15/2001	Alluvium	Shallow	25.2	26.9	14.2	24.2	3,129.13	3,119.46	3,146.36	--	3,143.66	2.0	1658892.82	436429.47
DS-5	unknown	Monitoring well	--	11/14/2001	Alluvium	Shallow	22.6	NM	12.1	22.1	3,128.75	3,118.75	3,141.35	--	3,139.30	2.0	1658855.85	436106.46
DS-9D	BBB118	Monitoring well	--	5/27/2009	Glacial Outwash	Deep	99	99.89	87.56	97.56	3,046.62	3,036.62	3,136.51	--	3,134.19	2.0	1659357.82	436363.58
DS-9I	BBB116	Monitoring well	07039	5/27/2009	Alluvium	Intermediate	52.5	54.9	42.4	52.4	3,092.16	3,082.16	3,137.06	--	3,134.55	2.0	1659351.09	436383.98
DS-9S	BBB117	Monitoring well	07071	5/27/2009	Alluvium	Shallow	25	27.86	15.56	25.56	3,118.85	3,108.85	3,136.71	--	3,134.41	2.0	1659351.65	436373.05
HBKG-2	no tag	Monitoring well	--	8/15/1995	Alluvium	Shallow	20	23.1	10.2	20.2	3,257.84	3,247.84	3,270.94	--	3,268.00	2.0	1651091.78	437608.67
HV-1	no tag	Monitoring well	--	8/22/1995	Alluvium	Shallow	15.6	14.82	2.94	12.94	3,205.02	3,195.02	3,209.84	--	3,207.96	2.0	1654402.38	437400.11
HV-2D	no tag	Monitoring well	--	8/23/1995	Alluvium	Shallow	24	23.93	14.39	24.39	3,189.86	3,179.86	3,203.40	--	3,203.86	2.0	1654905.44	437375.86
HV-2S	no tag	Monitoring well	--	8/23/1995	Alluvium	Shallow	14	14.05	4.36	14.36	3,199.86	3,189.86	3,203.55	--	3,203.86	2.0	1654905.44	437375.86
HV-3	no tag	Monitoring well	--	8/23/1995	Debris Flow	Shallow	75	77.07	61.57	74.57	3,207.86	3,194.86	3,272.36	--	3,269.86	2.0	1654451.17	437829.56
MW-1	AHR109	Monitoring well	--	10/4/2003	Alluvium	Shallow	22.5	25.29	12.46	22.46	3,219.63	3,204.63	3,229.92	--	3,227.09	2.0	1652834.60	437595.42
MW-2	AHR110	Monitoring well	--	10/3/2003	Alluvium	Shallow	30.5	32.64	20.13	30.13	3,220.17	3,205.17	3,237.81	--	3,235.29	2.0	1652674.99	437435.81
MW-3	AHR111	Monitoring well	--	10/2/2003	Alluvium	Shallow	21.5	23.43	10.90	20.90	3,231.98	3,216.98	3,240.41	--	3,237.88	2.0	1652525.97	437325.02
MW-4D	AHR112	Monitoring well	--	10/1/2003	Alluvium	Intermediate	27.5	29.34	21.86	26.86	3,210.29	3,205.29	3,234.77	--	3,232.29	2.0	1652820.72	437375.16
MW-4S	AHR113	Monitoring well	--	10/1/2003	Alluvium	Shallow	18.5	20.41	8.40	18.40	3,224.38	3,214.38	3,234.40	--	3,232.38	2.0	1652824.93	437380.09
NRC-1D	BAN472	Monitoring well	--	7/16/2008	Alluvium	Shallow	unknown	16.98	3.99	13.99	3,205.50	3,195.50	3,212.48	--	3,209.50	2.0	1654462.56	437403.92
NRC-3DR	BLN930	Monitoring well	07065	10/13/2018	Alluvium	Deep	116	119.22	106.13	116.13	3,052.77	3,042.77	3,161.99	--	3,158.89	2.0	1658352.49	436754.77
NRC-3IR	BLN931	Monitoring well	07041	10/13/2018	Alluvium	Intermediate	70	73.29	60.00	70.00	3,098.75	3,088.75	3,162.04	--	3,158.75	2.0	1658364.15	436757.00
NRC-3SR	BLN932	Monitoring well	07026	10/14/2018	Alluvium	Shallow	23.5	27.05	13.75	23.75	3,145.22	3,135.22	3,162.27	--	3,158.97	2.0	1658355.00	436764.76
NRC-4D	BAN474	Monitoring well	--	7/2/2008	Alluvium	Intermediate	68.6	71.1	58.5	68.5	3,113.95	3,103.95	3,175.05	--	3,172.43	2.0	1657978.57	437362.37
NRC-5D	BAN471	Monitoring well	--	5/24/2008	Colluvium/Glacial	Deep	130.3	NM	119	129	3,150.74	3,140.74	3,271.70	--	3,269.74	2.0	1654461.37	437834.67
NRC-6D	BAN478	Monitoring well	--	8/1/2008	Alluvium	Deep	unknown	135.98	123.12	133.12	3,046.91	3,036.91	3,172.89	--	3,170.03	2.0	1658903.84	436884.16

Table 3.1
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Inventory

Location ID	Ecology Tag	Location Type	Transducer Serial Number (last 4 or 5 digits)	Installation Date (completion)	Screened Lithologic Unit [1]	Screen Potentiometric Zone [2]	Total Depth of Boring Time of Drilling (feet bgs)	Total Depth (measured from TOC)	Top of Screen Interval (feet bgs)	Bottom of Screen Interval (feet bgs)	Top of Screen Interval (feet amsl)	Bottom of Screen Interval (feet amsl)	TOC Elevation (feet amsl)	SG Measurement Adjustment (feet)	Ground Surface Elevation (feet amsl)	Well Diameter (inches)	Easting (feet NAD 83) [3]	Northing (feet NAD 83) [3]
NRC-6I	BAN479	Monitoring well	--	8/8/2008	Alluvium	Intermediate	unknown	88.44	76.07	86.07	3,094.91	3,084.91	3,173.35	--	3,170.98	2.0	1658905.07	436893.99
NRC-6S	BAN480	Monitoring well	--	8/9/2008	Alluvium	Shallow	unknown	50.42	37.74	47.74	3,134.04	3,124.04	3,174.46	--	3,171.79	2.0	1658906.32	436903.39
RC-4 BANK	--	Staff gauge	--	unknown	--	Shallow	--	--	--	--	--	--	3,209.05	3.33	3,209.05	--	1653804.67	437419.00
RC-4 RIVER	--	Staff gauge	--	unknown	--	Shallow	--	--	--	--	--	--	3,205.98	6.66	3,205.98	--	1653800.95	437429.46
RC-6	--	Staff gauge	--	unknown	--	Shallow	--	--	--	--	--	--	3,278.76	3.33	NM	--	1650460.10	437695.45
RC-PZ-2	BHK035	Piezometer	--	11/6/2011	Alluvium	Shallow	unknown	19.29	6.78	16.78	3,186.02	3,176.02	3,195.31	--	3,192.81	2.0	1655027.93	437206.12
RC-PZ-4	BHK037	Piezometer	--	11/8/2011	Alluvium	Shallow	unknown	32.26	19.50	29.50	3,164.57	3,154.57	3,186.83	--	3,184.07	2.0	1655988.08	437347.26
SG-10	--	Staff gauge	--	10/2/2019	--	Shallow	--	--	--	--	--	--	3,113.38	3.30	3,110.08	--	1659936.00	436290.00
SG-10-STW	--	Stilling well	0996	10/2/2019	--	Shallow	--	--	--	--	--	--	3,114.63	--	3,110.24	2.0	1659936.00	436290.00
SG-10-WP	--	Well point	--	6/1/2009	Alluvium	Shallow	--	7.11	3.3	3.8	3,108.95	3,108.43	3,116.04	--	3,112.20	0.8	1659917.64	436267.93
SG-11	--	Staff gauge	--	6/1/2009	--	Shallow	--	--	--	--	--	--	3,103.21	4.00	3,098.98	--	1660676.00	436233.00
SG-11-WP	--	Well point	--	6/27/2009	Alluvium	Shallow	--	NM	4.0	4.5	NM	NM	3,104.72	--	3,102.52	0.8	1660682.00	436238.00
SG-12R [6]	--	Staff gauge	--	10/1/2018	--	Shallow	--	--	--	--	--	--	3,090.58	3.33	NM	--	1662051.36	436546.22
SG-12R-WP	--	Well point	--	10/1/2018	Alluvium	Shallow	--	9.5	NM	NM	NM	NM	3,094.61	--	NM	0.8	1662001.72	436534.05
SG-13	--	Staff gauge	--	6/27/2009	--	Shallow	--	--	--	--	--	--	3,072.98	unknown	NM	--	1663058.14	436475.04
SG-13-WP	--	Well point	--	6/2009	Alluvium	Shallow	--	9.22	4.41	5.41	NM	NM	3,082.29	--	NM	0.8	1663055.00	436488.00
SG-14 [6]	--	Staff gauge	--	10/3/2019	--	Shallow	--	--	--	--	--	--	3,147.12	4.00	3,143.02	--	1658431.09	436570.75
SG-14-WP	--	Well point	--	6/11/2019	Alluvium	Shallow	--	9.44	5.5	6.0	3,139.15	3,140.88	3,148.89	--	3,144.65	0.8	1658435.86	436594.45
SG-15	--	Staff gauge	--	10/3/2019	--	Shallow	--	--	--	--	--	--	3,144.12	4.00	3,140.26	--	1658620.73	436405.95
SG-15-WP	--	Well point	--	6/13/2019	Alluvium	Shallow	--	9.47	5.5	6.0	3,137.72	3,139.45	3,146.62	--	3,143.22	0.8	1658613.26	436391.14
SG-16 [6]	--	Staff gauge	--	10/2/2019	--	Shallow	--	--	--	--	--	--	3,132.02	4.00	3,128.11	--	1659069.99	435993.90
SG-16-WP [5]	--	Well point	--	6/13/2019	Alluvium	Shallow	--	9.61	5.5	6.0	3,128.40	3,130.13	3,133.90	--	3,133.90	0.8	1659073.49	436004.31
SG-17 [6]	--	Staff gauge	--	9/22/2020	--	Shallow	--	--	--	--	--	--	3,116.48	4.00	3,112.88	--	1659863.31	436140.29
SG-17-WP	--	Well point	--	9/22/2020	Alluvium	Shallow	--	9.08	5.5	6.0	3,109.31	3,111.04	3,118.56	--	3,114.81	0.8	1659857.71	436155.16
SG-18 [4]	--	Staff gauge	--	9/23/2020	--	Shallow	--	--	--	--	--	--	3,108.26	4.00	3,104.63	--	1660276.00	436326.43
SG-18-WP	--	Well point	--	6/12/2019	Alluvium	Shallow	--	9.54	5.4	5.9	3,102.18	3,101.68	3,111.23	--	3,107.58	0.8	1660280.77	436343.61
SG-7 [6]	--	Staff gauge	--	10/1/2018	--	Shallow	--	--	--	--	--	--	3,148.81	3.33	3,145.15	--	1658157.69	436880.74
SG-7R-WP	--	Well point	--	6/11/2019	Alluvium	Shallow	--	6.31	3.5	4.0	3,146.16	3,145.89	3,152.89	--	3,149.66	0.8	1658195.30	436888.36
SG-7STW	--	Stilling well	0993	10/2/2019	--	Shallow	--	NM	--	--	--	--	3,150.71	--	3,145.71	2.0	1658215.04	436829.96
SG-7STW-SG	--	Staff gauge	--	10/2/2019	--	Shallow	--	--	--	--	--	--	3,150.22	4.00	3,145.71	--	1658214.80	436829.62
SG-8 [4]	--	Staff gauge	--	10/1/2018	--	Shallow	--	--	--	--	--	--	3,136.31	4.00	3,132.47	--	1658853.17	436192.44
SG-8-WP	--	Well point	--	5/1/2009	Alluvium	Shallow	--	6.85	4.3	4.8	3,129.81	3,129.31	3,136.64	--	3,134.06	0.8	1658612.93	436390.20
SG-9 [6]	--	Staff gauge	--	9/23/2020	--	Shallow	--	--	--	--	--	--	3,124.97	4.00	3,119.93	--	1659397.94	436189.48
SG-9-WP	--	Well point	--	5/1/2009	Alluvium	Shallow	--	6.99	4.0	4.5	3,119.43	3,118.93	3,126.42	--	3,122.95	0.8	1659415.59	436262.27
STW-1	--	Stilling well	1008	10/3/2019	--	Shallow	--	NM	--	--	--	--	3,163.85	--	3,160.05	2.0	1656972.91	437268.56
STW-1-SG	--	Staff gauge	--	10/3/2019	--	Shallow	--	--	--	--	--	--	3,162.75	4.00	3,158.75	--	1656972.78	437268.59
SG-WL1	--	Staff gauge	--	6/4/2020	--	Shallow	--	--	--	--	--	--	3146.28	--	NM	--	1658193.50	436470.60
SG-WL1-WP	--	Well point	--	6/4/2020	Alluvium	Shallow	8.3	9.09	7.70	8.3	--	--	3,145.51	--	NM	0.80	1658174.41	436502.24
SG-WL1-STW	--	Stilling well	23924	9/23/2020	--	Shallow	--	--	--	--	--	--	3,148.08	--	NM	2.0	1658193.40	436470.54
SG-WL2	--	Staff gauge	--	6/4/2020	--	Shallow	--	--	--	--	--	--	3143.25	4.00	NM	--	1658279.37	436349.83
SG-WL2-WP	--	Well point	--	6/4/2020	Alluvium	Shallow	5.5	6.44	5.00	5.5	--	--	3142.43	--	NM	0.80	1658280.22	436356.56
SG-WL2-STW	--	Stilling well	0354	6/4/2020	--	Shallow	--	--	--	--	--	--	3,144.23	--	NM	2.0	1658279.25	436349.85
TP1-10D	BIO864	Monitoring well	--	11/1/2016	Tailings	Tailings Pile	46.2	47.7	36.0	46.1	3,235.29	3,225.29	3,273.04	--	3,271.47	2.5	1654617.62	436534.92
TP1-10S	BIO865	Monitoring well	--	11/2/2016	Tailings	Tailings Pile	40	40.65	28.9	38.9	3,242.82	3,232.82	3,272.95	--	3,271.18	2.5	1654613.49	436536.41
TP1-8D	BIO873	Monitoring well	--	9/12/2016	Alluvium	Shallow	65.5	67.3	54.8	64.8	3,197.82	3,187.82	3,255.10	--	3,252.62	2.0	1654046.06	437042.98
TP1-8S	BIO871	Monitoring well	0351	9/13/2016	Tailings	Tailings Pile	46	48.5	35.5	46.0	3,198.96	3,188.96	3,255.08	--	3,252.59	2.0	1654050.76	437040.73
TP1-9D	BIO872	Monitoring well	--	9/16/2016	Alluvium	Shallow	65	66.1	53.7	63.7	3,192.05	3,182.05	3,248.17	--	3,245.80	2.5	1654904.00	436716.54
TP1-9S	BIO852	Monitoring well	0341	10/18/2016	Tailings	Tailings Pile	37	37	25	35	3,221.06	3,211.06	3,247.99	--	3,245.90	2.5	1654920.24	436722.25
TP2-12D	BIO855	Monitoring well	07134	10/23/2016	Alluvium	Shallow	120	123.78	112.02	122.0	3,178.38	3,168.38	3,292.16	--	3,290.40	2.5	1655603.44	436586.35
TP2-12S	BIO856	Monitoring well	--	10/23/2016	Tailings	Tailings Pile	100	101.5	89.2	99.2	3,201.17	3,191.17	3,292.67	--	3,290.38	2.5	1655611.34	436591.88
TP2-13D	BIO863	Monitoring well	07140	11/6/2016	Alluvium	Shallow	133	141.2	129.9	139.9	3,158.45	3,148.45	3,290.30	--	3,289.00	2.5	1656486.19	436804.84
TP2-13S	BIO862	Monitoring well	--	11/8/2016	Alluvium & Tailings	Tailings Pile	115.5	117.4	105.8	115.8	3,182.59	3,172.59	3,290.59	--	3,288.95	2.5	1656476.37	436803.45
TP2-14	BIO866	Monitoring well	--	10/29/2016	Tailings	Shallow	80	80.4	68.4	78.4	3,221.22	3,211.22	3,291.63	--	3,289.64	2.5	1655961.90	436246.19
TP2-15	BIO868	Monitoring well	07030	10/28/2016	Alluvium	Shallow	135	137.15	125.35	135.4	3,163.83	3,153.83	3,290.87	--	3,289.08	2.5	1656046.17	436813.74
TP2-16D	BIO858	Monitoring well	--	11/13/2016	Tailings	Shallow	68	64.8	52.5	62.5	3,229.05	3,219.05	3,283.79	--	3,281.47	2.5	1656361.34	436345.18

Table 3.1
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Inventory

Location ID	Ecology Tag	Location Type	Transducer Serial Number (last 4 or 5 digits)	Installation Date (completion)	Screened Lithologic Unit [1]	Screen Potentiometric Zone [2]	Total Depth of Boring Time of Drilling (feet bgs)	Total Depth (measured from TOC)	Top of Screen Interval (feet bgs)	Bottom of Screen Interval (feet bgs)	Top of Screen Interval (feet amsl)	Bottom of Screen Interval (feet amsl)	TOC Elevation (feet amsl)	SG Measurement Adjustment (feet)	Ground Surface Elevation (feet amsl)	Well Diameter (inches)	Easting (feet NAD 83) [3]	Northing (feet NAD 83) [3]
TP2-16S	no tag	Monitoring well	--	11/13/2016	Tailings	Tailings Pile	40.3	42.25	29.92	39.9	3,251.70	3,241.70	3,283.92	--	3,281.59	2.5	1656357.37	436348.95
TP2-17	BIO857	Monitoring well	--	10/26/2016	Tailings	Shallow	110	110.8	98.5	108.5	3,183.88	3,173.88	3,284.71	--	3,282.40	2.5	1656832.68	436348.36
TP3-12D	BIO869	Monitoring well	07137	9/6/2016	Alluvium	Intermediate	110	109.8	98.2	108.2	3,129.69	3,119.69	3,230.39	--	3,228.77	2.0	1657807.00	436651.62
TP3-12S	BIO870	Monitoring well	07027	9/6/2016	Alluvium & Tailings	Shallow	85	85.4	75.0	85.0	3,154.29	3,144.29	3,230.62	--	3,229.29	2.0	1657803.62	436655.23
TP3-13	BIO861	Monitoring well	7064	9/11/2016	Alluvium	Shallow	130	130.2	117.8	127.8	3,143.17	3,133.17	3,263.06	--	3,260.65	2.0	1657241.99	436770.66
TP3-14D	BIO853	Monitoring well	07135	11/10/2016	Alluvium	Shallow	110.5	112.1	100.4	110.4	3,138.77	3,128.77	3,241.88	--	3,240.15	2.5	1657458.03	436577.46
TP3-14S	BIO860	Monitoring well	--	11/10/2016	Tailings	Tailings Pile	90.5	92.05	80.46	90.46	3,158.88	3,148.88	3,241.32	--	3,239.73	2.5	1657459.76	436572.07
US-1D	BBJ263	Monitoring well	--	10/9/2010	Alluvium	Deep	80	38.98	26.66	36.66	3,225.94	3,215.94	3,279.30	--	3,276.98	2.0	1650634.74	437816.69
US-1I	BBJ264	Monitoring well	--	10/10/2010	Alluvium	Intermediate	50	62.77	55.38	60.38	3,245.25	3,240.25	3,279.17	--	3,276.77	2.0	1650633.11	437824.60
US-1S	BBJ265	Monitoring well	--	10/11/2010	Alluvium	Shallow	27	28.16	15.56	25.56	3,261.07	3,251.07	3,279.29	--	3,276.69	2.0	1650645.60	437821.78

Notes:

-- Information not applicable or not available.

1 General lithologic unit in which the well screen is placed.

2 Unit assigned for potentiometric mapping based on well screen elevation, representing the Shallow, Intermediate, and Deep Zones of the alluvial aquifer and the tailings piles.

3 Washington State Plane North NAD 83.

4 This location was replaced in September 2020.

5 This location was repaired in September 2020.

6 This location is damaged and was not monitored during 2021.

Abbreviations:

amsl Above mean sea level

bgs Below ground surface

NAD 83 North American Datum of 1983

NM Not measured

SG Staff gauge

TOC Top of casing

Table 3.2

Pressure Transducer and Specific Conductivity Meter Deployment Summary [1]

Well ID	Instrument Set Depth (feet bTOC)	Depth to Water (feet bTOC)	TOC elevation (feel amsl)	Water Level Elevation (feet amsl)	Serial No. (last 4 or 5)	Measurement Date & Time	Unit Range [2]
DS-3S	25	18.97	3,149.83	3,130.86	7028	9/22/2020 14:04	5 m
DS-4I	25	18.17	3,146.91	3,128.74	7031	9/22/2020 13:57	5 m
DS-4S	20	15.01	3,146.36	3,131.35	7035	9/22/2020 13:51	5 m
DS-9I	20	14.49	3,137.06	3,122.57	7039	9/22/2020 13:39	5 m
DS-9S	20	13.57	3,136.71	3,123.14	7071	9/22/2020 13:44	5 m
DS-12D	13	9.21	3,150.55	3,141.34	0360	9/22/2020 11:41	5 m
DS-12I	15	7.14	3,150.75	3,143.61	7073	9/22/2020 11:38	5 m
DS-12S	15	7.89	3,151.44	3,143.55	7044	9/22/2020 11:36	5 m
DS-13D	15	20.75	3,152.77	3,132.02	7057	9/22/2020 12:01	5 m
DS-13I	15	8.60	3,152.41	3,143.81	7038	9/22/2020 11:52	5 m
DS-13S	15	8.62	3,152.21	3,143.59	1017 [3]	9/22/2020 11:55	5 m
DS-15I	30	17.04	3,182.13	3,165.09	7034	9/22/2020 10:21	5 m
DS-15S	22	17.01	3,182.32	3,165.31	9594 [3]	9/22/2020 10:18	5 m
DS-15-STW [4]	4	3.60	3,167.40	3,163.80	24502	9/22/2020 9:13	5 m
DS-16I	35	22.93	3,177.29	3,154.36	7040	9/22/2020 10:44	5 m
DS-16S	25	19.80	3,177.32	3,157.52	9607 [3]	9/22/2020 10:41	5 m
DS-17I	30	18.66	3,168.22	3,149.56	7072	9/22/2020 10:54	5 m
DS-17S	20	17.38	3,168.32	3,150.94	9608 [3]	9/22/2020 10:56	5 m
DS-18I	30	16.28	3,163.94	3,147.66	7037	9/22/2020 11:15	5 m
DS-18S	20	15.17	3,164.11	3,148.94	9595 [3]	9/22/2020 10:54	5 m
DS-18-STW [4]	4.75	4.54	3,154.65	3,150.11	25201	9/22/2020 10:45	5 m
NRC-3DR	37	36.16	3,161.99	3,125.83	7065	9/22/2020 14:56	5 m
NRC-3IR	25	18.84	3,162.04	3,143.20	7041	9/22/2020 14:51	5 m
NRC-3SR	25	18.01	3,162.27	3,144.26	7026	9/22/2020 14:49	5 m
SG-10STW	4.70	3.90	3,114.63	3,110.73	0996	9/22/2020 13:26	5 m
SG-7STW	4.58	4.38	3,150.71	3,146.33	0993	9/22/2020 15:07	5 m
SG-WL1-STW [4]	5.25	5.02	3,148.08	3,143.06	23924	9/23/2020 11:20	5 m
SG-WL2STW	4.30	3.02	3,144.23	3,141.21	0354	9/22/2020 12:18	5 m
STW-1	4.93	4.50	3,163.85	3,159.35	1008	9/22/2020 14:26	5 m
TP1-8S	48.3	48.22	3,255.08	3,206.86	0351	9/22/2020 8:15	5 m
TP1-9S	36.6	36.88	3,247.99	3,211.11	0341	9/22/2020 8:32	5 m
TP2-12D	115	105.04	3,292.16	3,187.12	7134	9/22/2020 8:51	10 m
TP2-12S	101.2	DRY	3,292.67	NA	7056	9/22/2020 8:45	5 m
TP2-13D	130	120.84	3,290.30	3,169.46	7140	9/22/2020 9:13	10 m
TP2-15	116	112.80	3,290.87	3,178.07	7030	9/22/2020 9:03	5 m
TP3-12D	90	82.08	3,230.39	3,148.31	7137	9/22/2020 10:00	10 m
TP3-12S	84.5	79.70	3,230.62	3,150.92	7027	9/22/2020 9:51	5 m
TP3-13	115	112.07	3,263.06	3,150.99	7064	9/22/2020 9:25	5 m
TP3-14D	98	91.96	3,241.88	3,149.92	7135	9/22/2020 9:40	10 m
BAROLOGGER [5]	NA	NA	NA	NA	6911	NA	NA

Notes:

1 Solinst Levelogger Edge 3001 pressure transducers or LTC Levelogger Edge 3001 pressure/conductivity loggers were deployed in accordance with SOPs for transducer installation in the Draft Final PSVP (Floyd|Snider 2020), at depths based on the unit range and water level measurements. Conductivity loggers were calibrated in accordance with manufacturer recommendations. Several pressure transducers were reprogrammed and transferred from their 2019 locations where they were replaced with pressure/conductivity loggers. The transducers were deployed with a recording interval of 20 minutes and a capacity of 40,000 measurements.

2 5-m or 15-foot pressure range is designed for 15-foot submergence. 10-m or 30-foot pressure range is designed for 30-foot submergence.

3 Instrument is a pressure transducer/conductivity logger.

4 Transducer installed at this location in September 2020.

5 A Solinst Barologger is deployed in the DS-4I well monument with the same measurement frequency as the pressure transducers. The barologger collects barometric data for compensation of the potentiometric data collected from monitoring wells.

Abbreviations:

amsl Above mean sea level
bTOC Below top of casing
m Meters
NA Not applicable
NM Not measured
PSVP Performance Standards Verification Plan
SOP Standard operating procedure

Table 3.3
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Water Level Elevations (2019–2021)

Location ID	Measuring Point Elevation (TOC or Top of SG; ft amsl)	Staff Gauge Height (ft)	Location Type	Hydrostratigraphic Unit of Screened Interval [1]	Potentiometric Map Interval [2]	Date of Measurement	Time of Measurement	Depth to Water or Height of Water Measurement (feet)	Water Level Elevation (feet amsl) [3]
DS-3S	3149.83	--	Monitoring Well	Alluvium	Shallow	6/6/2019	8:31	14.33	3,135.50
						10/6/2019	17:36	19.88	3,129.95
						6/5/2020	15:45	14.32	3,135.51
						9/24/2020	9:50	18.36	3,131.47
						6/4/2021	7:36	12.20	3,137.63
DS-3D	3149.83	--	Monitoring Well	Alluvium	Intermediate	6/6/2019	8:34	15.34	3,134.49
						10/6/2019	17:39	20.46	3,129.37
						6/5/2020	11:11	15.30	3,134.53
						9/24/2020	9:52	19.11	3,130.72
						6/4/2021	7:37	13.46	3,136.37
DS-4S	3146.36	--	Monitoring Well	Alluvium	Shallow	6/6/2019	8:49	10.64	3,135.72
						10/6/2019	17:47	15.86	3,130.50
						6/5/2020	15:53	10.57	3,135.79
						9/24/2020	10:05	14.35	3,132.01
						6/4/2021	7:48	8.45	3,137.91
DS-4I	3146.91	--	Monitoring Well	Glacial Moraine	Intermediate	6/6/2019	8:53	14.06	3,132.85
						10/6/2019	17:46	18.98	3,127.93
						6/5/2020	15:59	14.05	3,132.86
						9/24/2020	10:00	17.62	3,129.29
						6/4/2021	7:46	12.34	3,134.57
DS-4D	3146.24	--	Monitoring Well	Alluvium	Intermediate (not used)	6/6/2019	8:46	12.55	3,133.69
						10/6/2019	17:49	17.52	3,128.72
						6/5/2020	11:16	12.48	3,133.76
						9/24/2020	10:03	16.13	3,130.11
						6/4/2021	7:49	10.77	3,135.47
DS-4DD	3146.36	--	Monitoring Well	Glacial Outwash	Deep	6/6/2019	8:41	16.10	3,130.26
						10/6/2019	17:43	21.70	3,124.66
						6/5/2020	17:20	16.14	3,130.22
						9/24/2020	9:57	20.56	3,125.80
						6/4/2021	7:42	14.28	3,132.08
DS-5	3141.35	--	Monitoring Well	Alluvium	Shallow	6/18/2020*	6:45	8.02	3,133.33
						9/22/2020*	11:25	9.33	3,132.02
						6/10/2021*	10:56	7.83	3,133.52
DS-9S	3136.71	--	Monitoring Well	Alluvium	Shallow	6/6/2019	8:05	10.96	3,125.75
						10/6/2019	17:59	14.15	3,122.56
						6/5/2020	13:34	10.90	3,125.81
						9/24/2020	11:33	13.09	3,123.62
						6/4/2021	8:20	9.92	3,126.79
DS-9I	3137.06	--	Monitoring Well	Alluvium	Intermediate	6/6/2019	7:56	11.57	3,125.49
						10/6/2019	18:07	15.21	3,121.85
						6/5/2020	13:32	11.42	3,125.64
						9/24/2020	11:31	13.95	3,123.11
						6/4/2021	8:18	10.14	3,126.92
DS-9D	3136.51	--	Monitoring Well	Glacial Outwash	Deep	6/6/2019	8:11	9.03	3,127.48
						10/6/2019	17:56	14.11	3,122.40
						6/5/2020	13:34	9.02	3,127.49
						9/24/2020	11:35	12.78	3,123.73
						6/4/2021	8:21	7.25	3,129.26
DS-10S	2866.53	--	Monitoring Well	--	Shallow (not used)	6/15/2019*	11:55	9.04	2,857.49
						9/24/2020	12:24	12.77	2,853.76
DS-10I	2865.95	--	Monitoring Well	--	Intermediate (not used)	6/15/2019*	11:47	10.98	2,854.97
						9/24/2020	12:20	12.43	2,853.52
DS-10D	2865.58	--	Monitoring Well	--	Deep (not used)	6/15/2019*	11:37	13.12	2,852.46
						9/24/2020	12:22	15.13	2,850.45
DS-11S	3032.85	--	Monitoring Well	--	Shallow (not used)	7/17/2019	--	11.95	3,020.90
DS-11I	3032.42	--	Monitoring Well	--	Intermediate (not used)	7/17/2019	--	13.88	3,018.54
DS-11D	3032.47	--	Monitoring Well	--	Deep (not used)	7/17/2019	--	2.27	3,030.20
DS-12S	3151.44	--	Monitoring Well	Alluvium	Shallow	6/6/2019	9:55	6.54	3,144.90
						10/6/2019	17:16	8.28	3,143.16
						6/5/2020	11:42	6.50	3,144.94
						9/24/2020	9:01	7.37	3,144.07
						6/4/2021	8:52	5.64	3,145.80
DS-12I	3150.75	--	Monitoring Well	Alluvium	Shallow (not used)	6/6/2019	10:00	5.72	3,145.03
						10/6/2019	17:18	7.53	3,143.22
						6/5/2020	11:40	5.62	3,145.13
						9/24/2020	8:59	6.63	3,144.12
						6/4/2021	8:53	4.64	3,146.11
DS-12D	3150.55	--	Monitoring Well	Alluvium	Intermediate	6/6/2019	9:57	6.21	3,144.34
						10/6/2019	17:19	9.57	3,140.98
						6/5/2020	11:37	6.15	3,144.40
						9/24/2020	8:58	8.79	3,141.76
						6/4/2021	8:49	4.52	3,146.03
DS-13S	3152.21	--	Monitoring Well	Alluvium	Shallow	6/6/2019	9:46	7.22	3,144.99
						10/6/2019	17:09	9.02	3,143.19
						6/5/2020	11:50	7.14	3,145.07
						9/24/2020	9:06	8.09	3,144.12
						6/4/2021	8:55	6.10	3,146.11
DS-13I	3152.41	--	Monitoring Well	Alluvium	Intermediate	6/6/2019	9:48	6.79	3,145.62
						10/6/2019	17:07	9.02	3,143.39
						6/5/2020	11:48	6.70	3,145.71
						9/24/2020	9:05	8.09	3,144.32
						6/4/2021	8:58	5.23	3,147.18
DS-13D	3152.77	--	Monitoring Well	Alluvium	Deep	6/6/2019	9:51	16.22	3,136.55
						10/6/2019	17:11	21.58	3,131.19
						6/5/2020	11:45	16.18	3,136.59
						9/24/2020	9:03	20.39	3,132.38
						6/4/2021	8:54	13.92	3,138.85

Table 3.3
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Water Level Elevations (2019–2021)

Location ID	Measuring Point Elevation (TOC or Top of SG; ft amsl)	Staff Gauge Height (ft)	Location Type	Hydrostratigraphic Unit of Screened Interval [1]	Potentiometric Map Interval [2]	Date of Measurement	Time of Measurement	Depth to Water or Height of Water Measurement (feet)	Water Level Elevation (feet amsl) [3]
DS-14	3123.77	--	Well Point	Alluvium	Shallow	10/6/2019	18:04	6.57	3,117.20
						6/5/2020	16:42	5.10	3,118.67
						9/24/2020	10:41	5.25	3,118.52
						6/4/2021	9:14	3.43	3,120.34
DS-15S	3182.32	--	Monitoring Well	Alluvium	Shallow	10/6/2019	16:27	17.25	3,165.07
						6/5/2020	11:03	14.54	3,167.78
						9/24/2020	8:20	16.73	3,165.59
						6/4/2021	9:09	13.69	3,168.62
DS-15I	3182.13	--	Monitoring Well	Alluvium	Intermediate	10/6/2019	16:30	17.32	3,164.81
						6/5/2020	11:10	14.47	3,167.66
						9/24/2020	8:22	16.65	3,165.48
						6/4/2021	9:10	13.56	3,168.57
DS-15-STW	3167.40	--	Stilling Well	--	Shallow	9/24/2020	8:16	2.95	3,164.45
DS-15-SG	3167.00	4.00	Staff Gauge	--	Shallow	9/24/2020	8:16	1.48	3,164.48
						6/4/2021	9:08	3.00	3,166.00
DS-16S	3177.32	--	Monitoring Well	Alluvium	Shallow	10/6/2019	16:35	20.15	3,157.17
						6/5/2020	10:25	17.74	3,159.58
						9/24/2020	8:27	19.38	3,157.94
						6/4/2021	9:15	16.39	3,160.93
DS-16I	3177.29	--	Monitoring Well	Alluvium	Intermediate	10/6/2019	16:37	23.38	3,153.91
						6/5/2020	10:51	20.13	3,157.16
						9/24/2020	8:29	22.47	3,154.82
						6/4/2021	9:17	18.48	3,158.81
DS-16D	3177.27	--	Monitoring Well	Alluvium	Deep	10/6/2019	16:39	22.68	3,154.59
						6/5/2020	10:38	19.51	3,157.76
						9/24/2020	8:31	22.01	3,155.26
						6/4/2021	9:16	18.01	3,159.26
DS-16-SG	3162.47	4.00	Staff Gauge	--	Shallow	9/24/2020	8:26	0.45	3,158.92
						6/4/2021	9:14	3.60	3,162.07
DS-17S	3168.32	--	Monitoring Well	Alluvium	Shallow	10/6/2019	16:47	18.04	3,150.28
						6/5/2020	10:04	15.25	3,153.07
						9/24/2020	8:35	16.58	3,151.74
						6/4/2021	9:25	12.85	3,155.47
DS-17I	3168.22	--	Monitoring Well	Alluvium	Intermediate	10/6/2019	16:50	19.21	3,149.01
						6/5/2020	9:57	15.45	3,152.77
						9/24/2020	8:37	18.12	3,150.10
						6/4/2021	9:26	13.34	3,154.88
DS-18S	3164.11	--	Monitoring Well	Alluvium	Shallow	10/6/2019	16:54	15.69	3,148.42
						6/5/2020	9:46	13.00	3,151.11
						9/24/2020	8:43	14.57	3,149.54
						6/4/2021	9:31	11.47	3,152.64
DS-18I	3163.94	--	Monitoring Well	Alluvium	Intermediate	10/6/2019	16:56	16.77	3,147.17
						6/5/2020	9:30	13.62	3,150.32
						9/24/2020	8:44	15.78	3,148.16
						6/4/2021	9:33	11.37	3,152.57
DS-18D	3163.69	--	Monitoring Well	Glacial Outwash	Deep	10/6/2019	17:00	30.74	3,132.95
						6/5/2020	10:30	25.50	3,138.19
						9/24/2020	8:46	29.62	3,134.07
						6/4/2021	9:32	23.23	3,140.46
DS-18-STW	3154.65	--	Stilling Well	--	Shallow	9/24/2020	8:41	3.94	3,150.71
DS-18-SG	3153.38	4.00	Staff Gauge	--	Shallow	9/24/2020	8:41	1.32	3,150.70
						6/4/2021	9:29	3.85	3,153.23
HBKG-2	3270.94	--	Monitoring Well	Alluvium	Shallow	6/6/2019	9:25	9.76	3,261.18
						10/6/2019	14:24	11.34	3,259.60
						6/5/2020	10:44	7.43	3,263.51
						9/24/2020	11:37	10.82	3,260.12
						6/4/2021*	13:54	7.07	3,263.87
HV-1	3209.84	--	Monitoring Well	Alluvium	Shallow	10/6/2019	15:55	10.54	3,199.30
						6/5/2020	9:10	6.69	3,203.15
						9/24/2020	10:00	9.97	3,199.87
						6/4/2021	8:58	3.68	3,206.16
HV-2S	3203.55	--	Monitoring Well	Alluvium	Shallow	10/6/2019	16:03	10.54	3,193.01
						6/5/2020	9:27	5.82	3,197.73
						9/24/2020	9:24	10.10	3,193.45
						6/4/2021	9:03	5.90	3,197.65
HV-2D	3203.40	--	Monitoring Well	Alluvium	Shallow (not used)	10/6/2019	16:05	10.49	3,192.91
						6/5/2020	9:28	6.49	3,196.91
						9/24/2020	9:28	10.04	3,193.36
						6/4/2021	9:06	6.47	3,196.93
HV-3	3272.36	--	Monitoring Well	Debris Flow	Shallow	6/6/2019	9:53	60.41	3,211.95
						10/6/2019	15:47	69.12	3,203.24
						6/5/2020	8:53	52.87	3,219.49
						9/24/2020	10:10	68.47	3,203.89
						6/4/2021	9:40	53.37	3,218.99
MW-1	3229.92	--	Monitoring Well	Alluvium	Shallow	6/6/2019	8:31	7.06	3,222.86
						10/6/2019	14:46	9.09	3,220.83
						6/5/2020	11:25	6.82	3,223.10
						9/24/2020	11:07	8.07	3,221.85
						6/4/2021	10:13	5.48	3,224.44
MW-2	3237.81	--	Monitoring Well	Alluvium	Shallow	6/6/2019	8:19	9.17	3,228.64
						10/6/2019	14:39	10.78	3,227.03
						6/5/2020	11:20	8.86	3,228.95
						9/24/2020	11:26	9.76	3,228.05
						6/4/2021	10:08	7.75	3,230.06
MW-3	3240.41	--	Monitoring Well	Alluvium	Shallow	6/6/2019	8:20	9.72	3,230.69
						10/6/2019	14:33	11.01	3,229.40
						6/5/2020	11:40	9.30	3,231.11
						9/24/2020	11:31	10.05	3,230.36
						6/4/2021	10:05	8.54	3,231.87

Table 3.3
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Water Level Elevations (2019–2021)

Location ID	Measuring Point Elevation (TOC or Top of SG; ft amsl)	Staff Gauge Height (ft)	Location Type	Hydrostratigraphic Unit of Screened Interval [1]	Potentiometric Map Interval [2]	Date of Measurement	Time of Measurement	Depth to Water or Height of Water Measurement (feet)	Water Level Elevation (feet amsl) [3]
MW-4S	3234.40	--	Monitoring Well	Alluvium	Shallow	6/6/2019	8:40	15.26	3,219.14
						10/6/2019	14:59	20.20	3,214.20
						6/5/2020	11:33	15.02	3,219.38
						9/24/2020	10:05	14.35	3,220.05
						6/4/2021	10:22	14.11	3,220.29
MW-4D	3234.77	--	Monitoring Well	Alluvium	Intermediate	6/6/2019	8:32	15.58	3,219.19
						10/6/2019	14:53	20.44	3,214.33
						6/5/2020	11:33	15.39	3,219.38
						9/24/2020	11:14	20.27	3,214.50
						6/4/2021	10:20	14.62	3,220.15
NRC-1D	3212.48	--	Monitoring Well	Alluvium	Shallow	6/6/2019	10:17	9.08	3,203.40
						10/6/2019	15:58	11.86	3,200.62
						6/5/2020	9:11	7.26	3,205.22
						9/24/2020	9:54	10.72	3,201.76
						6/4/2021	8:54	7.32	3,205.16
NRC-3SR	3162.27	--	Monitoring Well	Alluvium	Shallow	6/6/2019	9:08	16.59	3,145.68
						10/6/2019	16:59	18.45	3,143.82
						6/5/2020	15:27	16.52	3,145.75
						9/24/2020	9:05	17.43	3,144.84
						6/4/2021	11:02	15.37	3,146.90
NRC-3IR	3162.04	--	Monitoring Well	Alluvium	Intermediate	6/6/2019	9:12	16.67	3,145.37
						10/6/2019	17:02	19.27	3,142.77
						6/5/2020	15:14	16.58	3,145.46
						9/24/2020	9:06	18.35	3,143.69
						6/4/2021	11:03	14.77	3,147.27
NRC-3DR	3161.99	--	Monitoring Well	Alluvium	Deep	6/6/2019	9:18	27.24	3,134.75
						10/6/2019	17:06	32.88	3,129.11
						6/5/2020	15:20	27.27	3,134.72
						9/24/2020	9:08	31.68	3,130.31
						6/4/2021	10:58	24.97	3,137.02
NRC-4D	3177.90	--	Monitoring Well	Alluvium	Intermediate	10/6/2019	16:42	28.03	3,149.87
						6/5/2020	15:29	24.87	3,153.03
						9/24/2020	8:47	27.04	3,150.86
						6/4/2021	10:56	21.74	3,156.16
NRC-5D	3271.86	--	Monitoring Well	Colluvium/Glacial Till	Deep	6/6/2019	9:45	64.00	3,207.86
						10/6/2019	15:43	68.68	3,203.18
						6/5/2020	8:52	53.32	3,218.54
						9/24/2020	10:06	68.04	3,203.82
						6/4/2021	9:38	53.87	3,217.99
NRC-6S	3174.46	--	Monitoring Well	Alluvium	Shallow	6/5/2020	13:18	40.04	3,134.42
						9/24/2020	11:43	43.79	3,130.67
						6/4/2021	11:13	38.21	3,136.25
NRC-6I	3173.35	--	Monitoring Well	Alluvium	Intermediate	6/5/2020	13:25	41.57	3,131.78
						9/24/2020	11:44	46.49	3,126.86
						6/4/2021	11:15	39.21	3,134.14
NRC-6D	3172.887	--	Monitoring Well	Alluvium	Deep	6/5/2020	13:20	41.35	3,131.54
						9/24/2020	11:46	46.30	3,126.59
						6/4/2021	11:17	38.93	3,133.96
RC-4 RIVER	3205.98	3.33	Staff Gauge	--	Shallow	6/14/2019*	--	1.80	3,204.45
						10/6/2019	16:25	0.30	3,202.95
						6/5/2020	11:01	1.60	3,207.58
						9/24/2020	13:37	1.15	3,203.80
						6/4/2021	8:48	3.10	3,209.08
RC-6	3278.76	3.33	Staff Gauge	--	Shallow	10/1/2019	10:00	0.50	3,275.93
						6/5/2020	10:27	1.60	3,277.03
						9/24/2020	13:45	1.10	3,276.53
						6/4/2021	8:05	2.50	3,277.93
RC-PZ-2	3195.31	--	Piezometer	Alluvium	Shallow	6/6/2019	10:20	3.33	3,191.98
						10/6/2019	16:11	4.70	3,190.61
						9/24/2020	9:18	4.20	3,191.11
						6/5/2020	9:35	2.99	3,192.32
						6/4/2021	9:12	2.81	3,192.50
RC-PZ-4	3186.83	--	Piezometer	Alluvium	Shallow	10/6/2019	16:34	16.11	3,170.72
						9/24/2020	9:07	15.59	3,171.24
						6/5/2020	15:38	13.94	3,172.89
						6/4/2021	9:21	12.89	3,173.94
STW-1	3163.85	--	Stilling Well	--	Shallow (not used)	10/3/2019	11:25	4.55	3,159.30
						6/10/2020*	8:39	3.43	3,160.42
						9/24/2020	12:02	3.83	3,160.02
						6/7/2021*	15:00	3.27	3,160.58
STW-1-SG	3162.751	4.00	Staff Gauge	--	Shallow	6/10/2020*	8:39	1.58	3,160.33
						9/24/2020	12:03	1.27	3,160.02
						6/4/2021	10:49	2.85	3,161.60
SG-7R-WP	3152.89	--	Well Point	Alluvium	Shallow	6/13/2019*	16:00	3.24	3,149.65
						10/6/2019	16:55	4.50	3,148.39
						6/5/2020	15:51	2.68	3,150.21
						9/24/2020	9:13	3.75	3,149.14
						6/4/2021	11:06	1.11	3,151.78
SG-7	3148.81	3.33	Staff Gauge	--	Shallow	10/6/2019	16:54	0.93	3,146.41
						6/5/2020	15:51	2.50	3,147.98
						9/24/2020	9:12	1.85	3,147.33
SG-7STW	3150.71	--	Stilling Well	--	Shallow (not used)	6/5/2020	11:15	2.75	3,147.96
						9/24/2020	9:16	3.54	3,147.17
SG-7STW-SG	3150.22	4.00	Staff Gauge	--	Shallow	6/5/2020	15:39	2.65	3,148.87
						9/24/2020	9:15	1.00	3,147.22
						6/4/2021	11:05	3.40	3,149.62
SG-8-WP	3136.64	--	Well Point	Alluvium	Shallow	6/10/2019*	9:29	4.55	3,132.09
						10/6/2019	17:54	5.27	3,131.37
						6/5/2020	11:21	4.23	3,132.41
						9/24/2020	10:08	4.59	3,132.05
						6/4/2021	7:53	3.26	3,133.38

Table 3.3
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Water Level Elevations (2019–2021)

Location ID	Measuring Point Elevation (TOC or Top of SG; ft amsl)	Staff Gauge Height (ft)	Location Type	Hydrostratigraphic Unit of Screened Interval [1]	Potentiometric Map Interval [2]	Date of Measurement	Time of Measurement	Depth to Water or Height of Water Measurement (feet)	Water Level Elevation (feet amsl) [3]
SG-8	3134.54	3.33	Staff Gauge	--	Shallow	10/10/2019*	8:30	1.32	3,132.53
	3136.31	4.00				9/24/2020	10:09	0.90	3,133.21
						6/4/2021	7:55	2.80	3,135.11
SG-9-WP	3126.42	--	Well Point	Alluvium	Shallow	6/8/2019*	9:45	2.30	3,124.12
						6/5/2020	13:19	3.60	3,122.82
						9/24/2020	11:19	4.15	3,122.27
						6/4/2021	8:10	2.39	3,124.03
SG-9	3124.47	3.34	Staff Gauge	--	Shallow	10/10/2019*	9:05	1.01	3,122.14
	3124.97	4.00				9/24/2020	11:20	1.82	3,122.79
SG-10-WP	3116.04	--	Well Point	Alluvium	Shallow	6/8/2019*	13:35	4.59	3,111.45
						10/6/2019	18:13	5.19	3,110.85
						6/5/2020	13:05	4.25	3,111.79
						9/24/2020	11:08	4.54	3,111.50
						6/4/2021	9:32	3.09	3,112.95
SG-10	3113.38	3.30	Staff Gauge	--	Shallow	10/6/2019	18:12	0.27	3,110.35
						6/5/2020	16:44	1.55	3,111.63
						9/24/2020	11:09	1.05	3,111.13
						6/4/2021	8:33	2.80	3,112.88
SG-10STW	3114.63	--	Stilling Well	--	Shallow (not used)	6/5/2020	16:45	3.05	3,111.58
SG-11-WP	3104.72	--	Well Point	Alluvium	Shallow	6/9/2019*	13:30	5.50	3,099.22
						10/10/2019*	10:02	4.79	3,099.93
						6/5/2020	12:49	3.85	3,100.87
						9/23/2020	14:30	5.19	3,099.53
						6/4/2021	8:48	3.16	3,101.56
SG-11	3103.21	4.00	Staff Gauge	--	Shallow	10/10/2019*	10:02	0.43	3,099.64
						6/5/2020	12:49	1.50	3,100.71
						9/24/2020	10:51	0.91	3,100.12
						6/4/2021	8:49	2.80	3,102.01
SG-12R-WP	3094.61	--	Well Point	Alluvium	Shallow	9/24/2020	12:01	5.60	3,089.01
SG-12R	3090.58	3.33	Staff Gauge	--	Shallow	9/24/2020	12:01	3.00	3,090.25
SG-13	3072.98	3.33	Staff Gauge	--	Shallow	6/7/2021*	8:50	3.10	3,072.75
SG-13-WP	3082.29	--	Well Point	Alluvium	Shallow	6/8/2020*	9:26	7.60	3,074.69
						9/26/2020*	16:00	8.83	3,073.46
						6/7/2021*	8:50	6.40	3,075.89
SG-14-WP	3148.89	--	Well Point	Alluvium	Shallow	10/6/2019	17:15	6.55	3,142.34
						9/24/2020	9:28	5.52	3,143.37
						6/5/2020	10:59	5.68	3,143.21
SG-14	3147.05	4.00	Staff Gauge	--	Shallow	10/6/2019	17:14	0.17	3,143.22
						6/5/2020	11:01	2.25	3,145.30
	3147.12					9/24/2020	9:27	0.80	3,143.92
SG-15-WP	3146.62	--	Well Point	Alluvium	Shallow	10/6/2019	17:26	8.14	3,138.48
						6/5/2020	16:02	5.62	3,141.00
						9/24/2020	9:40	7.05	3,139.57
						6/4/2021	9:45	4.63	3,141.99
SG-15	3144.12	4.00	Staff Gauge	--	Shallow	10/6/2019	17:27	0.28	3,140.40
						6/5/2020	16:03	2.00	3,142.12
						9/24/2020	9:39	1.31	3,141.43
						6/4/2021	9:40	2.80	3,142.92
SG-16-WP	3133.90	--	Well Point	Alluvium	Shallow	10/6/2019	18:23	6.23	3,127.67
						9/24/2020	10:22	5.40	3,128.50
						6/4/2021	8:03	3.55	3,130.35
SG-16	3132.02	4.00	Staff Gauge	--	Shallow	10/6/2019	18:24	0.17	3,128.19
						9/24/2020	10:21	0.75	3,128.77
SG-17-WP	3118.56	--	Well Point	Alluvium	Shallow	10/6/2019	18:09	5.61	3,112.95
						6/5/2020	13:11	4.54	3,114.02
						9/24/2020	11:12	4.98	3,113.58
						6/4/2021	8:28	3.25	3,115.31
SG-17	3116.85	4.00	Staff Gauge	--	Shallow	10/6/2019	18:08	0.39	3,113.24
						9/24/2020	11:11	1.35	3,114.20
SG-18-WP	3111.23	--	Well Point	Alluvium	Shallow	6/5/2020	12:58	5.16	3,106.07
						9/24/2020	10:58	5.65	3,105.58
						6/4/2021	8:41	4.00	3,107.23
SG-18	3108.53	4.00	Staff Gauge	--	Shallow	10/10/2019*	9:50	0.44	3,104.97
						9/24/2020	10:57	1.25	3,109.78
	3108.26					6/4/2021	8:42	3.10	3,107.63
SG-WL2STW	3144.23	--	Stilling Well	--	Shallow	6/5/2020	16:13	2.69	3,141.54
						9/24/2020	12:26	3.33	3,140.90
						6/4/2021	10:32	3.15	3,141.08
SG-WL1	3146.28	4.00	Staff Gauge	--	Shallow	6/5/2020	11:54	1.25	3,143.53
						9/24/2020	12:18	1.03	3,143.31
						6/4/2021	8:44	1.40	3,143.68
SG-WL1-WP	3145.51	--	Well Point	Alluvium	Shallow	6/5/2020	11:55	1.77	3,143.74
						9/24/2020	12:16	1.98	3,143.53
						6/4/2021	8:42	0.74	3,144.77
SG-WL2	3143.25	--	Staff Gauge	Alluvium	Shallow	6/4/2021	9:52	1.82	3,145.07
						9/24/2020	12:26	1.67	3,144.92
SG-WL2-WP	3142.43	--	Well Point	Alluvium	Shallow	6/4/2021	9:52	1.34	3,141.09
						9/24/2020	12:25	1.56	3,140.87
TP1-10S	3272.95	--	Monitoring Well	Tailings	Tailings Pile (not used)	6/6/2019	11:00	39.52	3,233.43
						10/6/2019	14:33	--	Dry [4]
						6/5/2020	9:13	38.90	3,234.05
						9/24/2020	10:44	--	Dry [4]
						6/4/2021	7:51	39.24	3,233.71
TP1-10D	3273.04	--	Monitoring Well	Tailings	Tailings Pile (not used)	6/6/2019	11:07	46.43	3,226.61
						10/6/2019	14:36	47.54	Dry [4]
						6/5/2020	9:16	45.97	3,227.07
						9/24/2020	10:38	47.55	Dry [4]
						6/4/2021	7:50	46.84	3,226.20

Table 3.3
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Water Level Elevations (2019–2021)

Location ID	Measuring Point Elevation (TOC or Top of SG; ft amsl)	Staff Gauge Height (ft)	Location Type	Hydrostratigraphic Unit of Screened Interval [1]	Potentiometric Map Interval [2]	Date of Measurement	Time of Measurement	Depth to Water or Height of Water Measurement (feet)	Water Level Elevation (feet amsl) [3]
TP1-8S	3255.08	--	Monitoring Well	Tailings	Tailings Pile (not used)	6/6/2019	10:40	48.03	Dry [4]
						10/6/2019	14:08	48.10	Dry [4]
						6/5/2020	9:24	48.09	Dry [4]
						9/24/2020	10:54	48.31	Dry [4]
						6/4/2021	7:39	47.53	3,207.55
TP1-8D	3255.10	--	Monitoring Well	Alluvium	Shallow	6/6/2019	10:48	50.69	3,204.41
						10/6/2019	14:13	54.27	3,200.83
						6/5/2020	9:22	49.38	3,205.72
						9/24/2020	10:48	54.12	3,200.98
						6/4/2021	7:41	48.51	3,206.59
TP1-9S	3247.99	--	Monitoring Well	Tailings	Tailings Pile (not used)	6/6/2019	10:50	36.62	Dry [4]
						10/6/2019	14:26	36.86	Dry [4]
						6/5/2020	9:36	36.87	Dry [4]
						9/24/2020	10:30	36.89	Dry [4]
						6/4/2021	7:54	36.80	Dry [4]
TP1-9D	3248.17	--	Monitoring Well	Alluvium	Shallow	6/6/2019	10:45	50.88	3,197.29
						10/6/2019	14:22	56.03	3,192.14
						6/5/2020	9:34	50.46	3,197.71
						9/24/2020	10:25	55.47	3,192.70
						6/4/2021	7:56	50.03	3,198.14
TP2-12S	3292.67	--	Monitoring Well	Tailings	Tailings Pile (not used)	6/6/2019	11:30	94.21	3,198.46
						10/6/2019	14:48	--	Dry [4]
						6/5/2020	12:49	92.20	3,200.47
						9/24/2020	11:12	--	Dry [4]
						6/4/2021	8:05	92.18	3,200.49
TP2-12D	3292.16	--	Monitoring Well	Alluvium	Shallow	6/6/2019	11:19	93.54	3,198.62
						6/5/2020	12:42	91.37	3,200.79
						9/24/2020	11:18	105.19	3,186.97
						6/4/2021	8:14	91.27	3,200.89
TP2-13S	3290.59	--	Monitoring Well	Alluvium & Tailings	Tailings Pile (not used)	6/6/2019	11:15	114.01	3,176.58
						10/6/2019	15:05	117.34	Dry [4]
						6/5/2020	9:52	114.17	3,176.42
						9/24/2020	11:00	117.23	Dry [4]
						6/4/2021	8:39	113.74	3,176.85
TP2-13D	3290.30	--	Monitoring Well	Alluvium	Shallow	6/6/2019	11:18	115.61	3,174.69
						10/6/2019	15:08	121.63	3,168.67
						6/5/2020	13:35	115.50	3,174.80
						9/24/2020	11:03	120.77	3,169.53
						6/4/2021	8:43	114.72	3,175.58
TP2-14	3291.63	--	Monitoring Well	Tailings	Shallow	6/6/2019	11:38	60.62	3,231.01
						10/6/2019	16:06	80.29	Dry [4]
						6/5/2020	10:09	55.49	3,236.14
						9/24/2020	11:43	80.29	Dry [4]
						6/4/2021	8:24	53.65	3,237.98
TP2-15	3290.87	--	Monitoring Well	Alluvium	Shallow	6/6/2019	11:20	106.98	3,183.89
						10/6/2019	14:57	114.12	3,176.75
						6/5/2020	13:09	106.09	3,184.78
						9/24/2020	11:08	112.75	3,178.12
						6/4/2021	8:26	105.57	3,185.30
TP2-16S	3283.92	--	Monitoring Well	Tailings	Tailings Pile (not used)	6/6/2019	11:30	41.98	Dry [4]
						10/6/2019	16:00	42.01	Dry [4]
						6/5/2020	10:17	41.99	Dry [4]
						9/24/2020	11:27	42.00	Dry [4]
						6/4/2021	8:10	41.98	Dry [4]
TP2-16D	3283.79	--	Monitoring Well	Tailings	Shallow	6/6/2019	11:35	53.17	3,230.62
						10/6/2019	15:58	64.61	Dry [4]
						6/5/2020	10:15	48.72	3,235.07
						9/24/2020	11:29	64.59	Dry [4]
						6/4/2021	8:05	47.10	3,236.69
TP2-17	3284.71	--	Monitoring Well	Tailings	Shallow	6/6/2019	12:00	86.34	3,198.37
						10/6/2019	15:49	110.80	Dry [4]
						6/5/2020	10:02	84.21	3,200.50
						9/24/2020	11:36	110.70	Dry [4]
						6/4/2021	8:15	82.00	3,202.71
TP3-12S	3230.62	--	Monitoring Well	Alluvium & Tailings	Shallow	6/6/2019	10:34	77.40	3,153.22
						10/6/2019	15:29	80.11	3,150.51
						6/5/2020	14:30	77.78	3,152.84
						9/24/2020	9:24	79.55	3,151.07
						6/4/2021	9:15	76.52	3,154.10
TP3-12D	3230.39	--	Monitoring Well	Alluvium	Intermediate	6/6/2019	10:25	78.72	3,151.67
						10/6/2019	15:31	82.59	3,147.80
						6/5/2020	14:38	78.30	3,152.09
						9/24/2020	9:22	81.64	3,148.75
						6/4/2021	9:21	76.11	3,154.28
TP3-13	3263.06	--	Monitoring Well	Alluvium	Shallow	6/6/2019	11:03	106.52	3,156.54
						10/6/2019	15:19	112.61	3,150.45
						6/5/2020	14:00	105.56	3,157.50
						9/24/2020	9:38	111.76	3,151.30
						6/4/2021	8:52	103.27	3,159.79
TP3-14S	3241.32	--	Monitoring Well	Tailings	Tailings Pile (not used)	6/6/2019	10:43	82.43	3,158.89
						10/6/2019	15:42	89.40	3,151.92
						9/24/2020	9:29	88.81	3,152.51
						6/4/2021	9:01	79.80	3,161.52
TP3-14D	3241.88	--	Monitoring Well	Alluvium	Shallow	6/6/2019	10:49	85.70	3,156.18
						10/6/2019	15:39	92.52	3,149.36
						6/5/2020	14:14	84.48	3,157.40
						9/24/2020	9:32	91.65	3,150.23
						6/4/2021	9:08	81.98	3,159.90

Table 3.3
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Water Level Elevations (2019–2021)

Location ID	Measuring Point Elevation (TOC or Top of SG; ft amsl)	Staff Gauge Height (ft)	Location Type	Hydrostratigraphic Unit of Screened Interval [1]	Potentiometric Map Interval [2]	Date of Measurement	Time of Measurement	Depth to Water or Height of Water Measurement (feet)	Water Level Elevation (feet amsl) [3]
US-1S	3279.29	--	Monitoring Well	Alluvium	Shallow	6/6/2019	9:05	8.32	3,270.97
						10/6/2019	14:12	11.03	3,268.26
						6/5/2020	10:08	6.64	3,272.65
						9/24/2020	11:48	10.49	3,268.80
						6/4/2021	7:46	5.53	3,273.76
US-1I	3279.17	--	Monitoring Well	Alluvium	Intermediate	6/6/2019	9:10	8.73	3,270.44
						10/6/2019	14:18	11.10	3,268.07
						6/5/2020	10:15	7.26	3,271.91
						9/24/2020	11:51	10.42	3,268.75
						6/4/2021	7:52	6.39	3,272.78
US-1D	3279.30	--	Monitoring Well	Alluvium	Deep	6/6/2019	9:03	9.00	3,270.30
						10/6/2019	14:16	11.34	3,267.96
						6/5/2020	10:08	7.55	3,271.75
						9/24/2020	11:53	10.67	3,268.63
						6/4/2021	7:49	6.72	3,272.58

Notes:

* Water level measurement recorded during sample collection.

-- Not applicable or no measurement (dry well).

Locations are listed in alphabetical order.

1 General lithologic unit in which the well screen is placed.

2 Unit assigned for potentiometric mapping based on well screen elevation, representing the Shallow, Intermediate, and Deep Zones of the alluvial aquifer and the tailings piles, unless noted as "not used."

3 Holden Mine Vertical Datum.

4 A monitoring well is considered "dry" if there is less than 0.5 foot of water measured in the casing.

Abbreviations:

amsl Above mean sea level

ft feet

TOC Top of casing

SG staff gauge

Table 3.4
Comparison of Water Level Elevations at Well Points and Staff Gauges (Spring 2021)

Location ID [1]	Location Type	Total Depth (measured from TOC)	Measuring Point Elevation (feet amsl)	Staff Gauge Height (feet)	Date of Water Level Measurement	Time of Measurement	DTW Measurement (from TOC)	Water Level Elevation (feet amsl)	Head Difference, Groundwater Minus Surface Water (feet) [3]	Apparent Groundwater–Surface Water Interaction
Railroad Creek Pairs										
SG-7R-WP	Well Point	6.31	3152.89	--	6/4/2021	11:06	1.11	3,151.78	2.16	Gaining
SG-7STW-SG	Staff Gauge	--	3150.22	4.00	6/4/2021	11:05	3.40	3,149.62		
SG-14-WP	Well Point	9.44	3148.89	--	6/4/2021	not accessible	--	--	NM	NM
SG-14	Staff Gauge	--	3147.12	4.00	6/4/2021	damaged	--	--		
SG-15-WP	Well Point	9.47	3146.62	--	6/4/2021	9:45	4.63	3,141.99	-0.93	Losing
SG-15	Staff Gauge	--	3144.12	4.00	6/4/2021	9:40	2.80	3,142.92		
SG-8-WP	Well Point	6.85	3136.64	--	6/4/2021	7:53	3.26	3,133.38	-1.73	Losing
SG-8	Staff Gauge	--	3136.31	4.00	6/4/2021	7:55	2.8	3,135.11		
SG-16-WP	Well Point	9.61	3133.90	--	6/4/2021	8:03	3.55	3,130.35	NM	NM
SG-16	Staff Gauge	--	3132.02	4.00	6/4/2021	damaged	--	--		
SG-9-WP	Well point	6.99[2]	3126.42	--	6/4/2021	8:10	2.39	3,124.03	NM	NM
SG-9	Staff gauge	--	3124.97	4.00	6/4/2021	damaged	--	--		
SG-17-WP	Well Point	9.08	3118.56	--	6/4/2021	8:28	3.25	3,115.31	-0.85	Losing
SG-17	Staff Gauge	--	3116.48	4.00	6/5/2021	15:30	3.68	3,116.16		
SG-10-WP	Well Point	7.11[2]	3116.04	--	6/4/2021	9:32	3.09	3,112.95	0.07	Gaining
SG-10	Staff Gauge	--	3113.38	3.30	6/4/2021	8:33	2.80	3,112.88		
SG-18-WP	Well Point	9.56	3111.23	--	6/4/2021	8:41	4.00	3,107.23	-0.13	Losing
SG-18	Staff Gauge	--	3108.26	4.00	6/4/2021	8:42	3.1	3,107.36		
SG-11-WP	Well Point	6.13[2]	3104.72	--	6/4/2021	8:48	3.16	3,101.56	-0.45	Losing
SG-11	Staff Gauge	--	3103.21	4.00	6/4/2021	8:49	2.80	3,102.01		
Wetlands East of Tailings Pile 3 Pairs										
SG-WL1-WP	Well Point	9.09	3145.51	--	6/4/2021	8:42	0.74	3,144.77	1.09	Upwelling
SG-WL1	Staff Gauge	--	3146.28	4.00	6/4/2021	8:44	1.40	3,143.68		
SG-WL2-WP	Well Point	6.44	3142.43	--	6/4/2021	9:52	1.34	3,141.09	0.02	Upwelling
SG-WL2	Staff Gauge	--	3143.25	4.00	6/4/2021	9:52	1.82	3,141.07		

Notes:

-- Not applicable or not measured.

1 Location groups listed in order from west to east (upstream to downstream).

2 Well point installed with a barbed screen, so total measured depth does not include 6"screen interval below well point casing.

3 Positive values indicate head was higher in groundwater than surface water at the time of measurement, consistent with groundwater discharging to surface water. Negative values indicate head was higher in surface water than in groundwater at the time of measurement, consistent with surface water discharging to groundwater.

Abbreviations:

amsl Above mean sea level
DTW Depth to Water
NM Not measured
TOC Top of casing

Table 3.5
Vibrating Wire Piezometer Water Level Elevations (2019-2021)

Location ID	VWP Installation Depth (feet bgs)	Hydrostratigraphic Unit of VWP [1]	Potentiometric Map Interval [2]	Date of Measurement [3]	Water Level Elevation (feet amsl) [4, 5]
BW-VWP-60a	34.4	Glacial Till	Not Used	6/5/2020	3,256.41
				9/24/2020	3,250.29
				6/4/2021	3,257.64
BW-VWP-60b	25	Glacial Moraine	Intermediate (Not Used)	6/5/2020	3,228.41
				9/24/2020	3,225.46
				6/4/2021	3,228.84
BW-VWP-60c	19	Alluvium	Shallow	6/5/2020	3,228.33
				9/24/2020	3,224.78
				6/4/2021	3,228.71
BW-VWP-61a	34.4	Glacial Till	Not Used	6/6/2019	3,233.06
				10/6/2019	3,231.34
				6/5/2020	3,233.49
				9/24/2020	3,231.62
				6/4/2021	3,234.90
BW-VWP-61b	24	Glacial Moraine	Intermediate (Not Used)	6/6/2019	3,230.40
				10/6/2019	3,229.22
				6/5/2020	3,230.82
				9/24/2020	3,229.16
				6/4/2021	3,231.44
BW-VWP-61c	19	Alluvium	Shallow	6/6/2019	3,230.31
				10/6/2019	3,229.43
				6/5/2020	3,230.58
				9/24/2020	3,229.42
				6/4/2021	3,231.02
BW-VWP-62a	36.5	Glacial Till	Not Used	6/6/2019	3,224.24
				10/6/2019	3,222.49
				6/5/2020	3,224.64
				9/24/2020	3,222.59
				6/4/2021	3,225.81
BW-VWP-62b	26.5	Glacial Till	Not Used	6/6/2019	3,217.88
				10/6/2019	3,213.98
				6/5/2020	3,218.26
				9/24/2020	3,213.52
				6/4/2021	3,219.38
BW-VWP-62c	16.5	Alluvium	Shallow	6/6/2019	3,217.27
				10/6/2019	3,216.10
				6/5/2020	3,217.55
				9/24/2020	3,216.10
				6/4/2021	3,218.74
BW-VWP-63a	36	Glacial Till	Not Used	6/6/2019	3,225.31
				10/6/2019	3,224.18
				6/5/2020	3,225.66
				9/24/2020	3,224.28
				6/4/2021	3,226.76
BW-VWP-63b	28	Glacial Till	Not Used	6/6/2019	3,225.53
				10/6/2019	3,224.45
				6/5/2020	3,225.91
				9/24/2020	3,224.51
				6/4/2021	3,226.94
BW-VWP-63c	16.5	Alluvium	Shallow	6/6/2019	3,225.46
				10/6/2019	3,224.22
				6/5/2020	3,225.69
				9/24/2020	3,224.25
				6/4/2021	3,226.76
BW-VWP-64a	73	Glacial Till	Not Used	6/6/2019	3,210.61
				10/6/2019	3,208.79
				6/5/2020	3,211.04
				9/24/2020	3,208.48
				6/4/2021	3,211.59
BW-VWP-64b	55	Glacial Moraine	Deep	6/6/2019	3,210.58
				10/6/2019	3,208.70
				6/5/2020	3,210.85
				9/24/2020	3,208.33
				6/4/2021	3,211.29
BW-VWP-64c	17	Alluvium	Shallow	6/6/2019	3,213.15
				10/6/2019	3,210.97
				6/5/2020	3,213.10
				9/24/2020	3,210.57
				6/4/2021	3,213.18

Table 3.5
Vibrating Wire Piezometer Water Level Elevations (2019-2021)

Location ID	VWP Installation Depth (feet bgs)	Hydrostratigraphic Unit of VWP [1]	Potentiometric Map Interval [2]	Date of Measurement [3]	Water Level Elevation (feet amsl) [4, 5]
BW-VWP-65a	69	Glacial Till	Not Used	6/6/2019	3,210.30
				10/6/2019	3,208.43
				6/5/2020	3,210.70
				9/24/2020	3,208.11
				6/4/2021	3,211.22
BW-VWP-65b	56	Glacial Moraine	Deep	6/6/2019	3,210.34
				10/6/2019	3,208.57
				6/5/2020	3,210.74
				9/24/2020	3,208.28
				6/4/2021	3,211.24
BW-VWP-65c	18	Alluvium	Shallow	6/6/2019	3,214.87
				10/6/2019	3,213.64
				6/5/2020	3,215.21
				9/24/2020	3,213.72
				6/4/2021	3,216.32
BW-VWP-66a	50	Glacial Till	Not Used	6/6/2019	3,205.76
				10/6/2019	3,203.31
				6/5/2020	3,206.52
				6/4/2021	3,207.57
BW-VWP-66b	42	Glacial Moraine	Intermediate	6/6/2019	3,205.58
				10/6/2019	3,202.65
				6/5/2020	3,206.43
				6/4/2021	3,207.72
BW-VWP-66c	15	Alluvium	Shallow	6/6/2019	3,207.46
				10/6/2019	3,203.83
				6/5/2020	3,207.91
				6/4/2021	3,208.74
BW-VWP-67a	53	Glacial Till	Not Used	6/6/2019	3,206.55
				10/6/2019	3,205.04
				6/5/2020	3,207.14
				9/24/2020	3,204.82
				6/4/2021	3,207.87
BW-VWP-67b	42	Glacial Moraine	Intermediate	6/6/2019	3,207.09
				10/6/2019	3,205.87
				6/5/2020	3,207.66
				9/24/2020	3,205.52
				6/4/2021	3,208.51
BW-VWP-67c	15	Alluvium	Shallow	6/6/2019	3,208.66
				10/6/2019	3,207.75
				6/5/2020	3,209.17
				9/24/2020	3,207.77
				6/4/2021	3,210.14
BW-VWP-68a	65	Glacial Till	Not Used	6/6/2019	3,199.23
				10/6/2019	3,197.36
				6/5/2020	3,200.06
				9/24/2020	3,197.14
				6/4/2021	3,200.72
BW-VWP-68b	40	Glacial Outwash	Deep	6/6/2019	3,199.74
				10/6/2019	3,197.82
				6/5/2020	3,200.39
				9/24/2020	3,197.66
				6/4/2021	3,201.09
BW-VWP-68c	40	Glacial Moraine	Intermediate	6/6/2019	3,209.56
				10/6/2019	3,207.64
				6/5/2020	3,210.47
				9/24/2020	3,207.52
				6/4/2021	3,211.12
BW-VWP-68d	21	Alluvium	Shallow	6/6/2019	3,211.47
				10/6/2019	3,209.31
				6/5/2020	3,212.44
				9/24/2020	3,209.09
				6/4/2021	3,213.08
BW-VWP-69a	87	Glacial Till	Not Used	6/6/2019	3,200.20
				10/6/2019	3,198.52
				6/5/2020	3,201.10
				9/24/2020	3,198.35
				6/4/2021	3,201.61

Table 3.5
Vibrating Wire Piezometer Water Level Elevations (2019-2021)

Location ID	VWP Installation Depth (feet bgs)	Hydrostratigraphic Unit of VWP [1]	Potentiometric Map Interval [2]	Date of Measurement [3]	Water Level Elevation (feet amsl) [4, 5]
BW-VWP-69b	65	Glacial Outwash	Deep	6/6/2019	3,200.25
				10/6/2019	3,198.53
				6/5/2020	3,201.07
				9/24/2020	3,198.37
				6/4/2021	3,201.64
BW-VWP-69c	40	Glacial Moraine	Intermediate	6/6/2019	3,201.24
				10/6/2019	3,200.18
				6/5/2020	3,201.84
				9/24/2020	3,200.15
				6/4/2021	3,202.65
BW-VWP-69d	21	Alluvium	Shallow	6/6/2019	3,201.29
				10/6/2019	3,200.50
				6/5/2020	3,201.68
				9/24/2020	3,200.42
				6/4/2021	3,202.57
BW-VWP-70a	75	Glacial Till	Not Used	6/6/2019	3,195.94
				10/6/2019	3,193.76
				6/5/2020	3,196.35
				9/24/2020	3,193.70
				6/4/2021	3,196.88
BW-VWP-70b	65	Glacial Moraine	Deep	6/6/2019	3,196.71
				10/6/2019	3,194.17
				6/5/2020	3,197.20
				9/24/2020	3,194.08
				6/4/2021	3,197.71
BW-VWP-70c	18	Alluvium	Shallow	6/6/2019	3,197.14
				10/6/2019	3,194.38
				6/5/2020	3,197.76
				9/24/2020	3,194.24
				6/4/2021	3,198.21
BW-VWP-71a	75	Glacial Till	Not Used	6/6/2019	3,195.08
				10/6/2019	3,193.35
				6/5/2020	3,195.54
				9/24/2020	3,193.31
				6/4/2021	3,196.13
BW-VWP-71b	65	Glacial Moraine	Deep	6/6/2019	3,194.96
				10/6/2019	3,193.48
				6/5/2020	3,195.32
				9/24/2020	3,193.45
				6/4/2021	3,195.96
BW-VWP-71c	18	Alluvium	Shallow	6/6/2019	3,195.19
				10/6/2019	3,194.45
				6/5/2020	3,195.35
				9/24/2020	3,194.35
				6/4/2021	3,196.06
BW-VWP-72a	79	Glacial Till	Not Used	6/6/2019	3,196.37
				10/6/2019	3,193.35
				6/5/2020	3,196.73
				9/24/2020	3,193.56
				6/4/2021	3,197.25
BW-VWP-72b	35	Glacial Moraine	Intermediate	6/6/2019	3,194.48
				10/6/2019	3,189.12
				6/5/2020	3,194.56
				9/24/2020	3,189.34
				6/4/2021	3,195.00
BW-VWP-72c	18	Alluvium	Shallow	6/6/2019	3,195.41
				10/6/2019	3,189.08
				6/5/2020	3,195.44
				9/24/2020	3,189.39
				6/4/2021	3,195.68
BW-VWP-73a	79	Glacial Till	Not Used	6/6/2019	3,189.43
				10/6/2019	3,186.24
				6/5/2020	3,189.64
				9/24/2020	3,186.29
				6/4/2021	3,190.25

Table 3.5
Vibrating Wire Piezometer Water Level Elevations (2019-2021)

Location ID	VWP Installation Depth (feet bgs)	Hydrostratigraphic Unit of VWP [1]	Potentiometric Map Interval [2]	Date of Measurement [3]	Water Level Elevation (feet amsl) [4, 5]
BW-VWP-73b	35	Glacial Moraine	Intermediate	6/6/2019	3,186.89
				10/6/2019	3,185.32
				6/5/2020	3,187.00
				9/24/2020	3,185.52
				6/4/2021	3,188.00
BW-VWP-73c	18	Alluvium	Shallow	6/6/2019	3,185.93
				10/6/2019	3,185.12
				6/5/2020	3,186.02
				9/24/2020	3,185.31
				6/4/2021	3,187.12
BW-VWP-74a	78	Glacial Till	Not Used	6/6/2019	3,191.89
				10/6/2019	3,187.92
				6/5/2020	3,192.15
				9/24/2020	3,188.09
				6/4/2021	3,192.73
BW-VWP-74b	51	Glacial Outwash	Deep	6/6/2019	3,193.23
				10/6/2019	3,189.27
				6/5/2020	3,193.49
				9/24/2020	3,189.38
				6/4/2021	3,194.12
BW-VWP-74c	28	Alluvium	Shallow	6/6/2019	3,196.66
				10/6/2019	3,191.66
				6/5/2020	3,197.09
				9/24/2020	3,191.77
				6/4/2021	3,197.53
BW-VWP-75a	76	Glacial Till	Not Used	6/6/2019	3,190.53
				10/6/2019	3,186.80
				6/5/2020	3,190.98
				9/24/2020	3,187.04
				6/4/2021	3,191.45
BW-VWP-75b	51	Glacial Outwash	Deep	6/6/2019	3,189.88
				10/6/2019	3,186.44
				6/5/2020	3,190.21
				9/24/2020	3,186.58
				6/4/2021	3,190.67
BW-VWP-75c	28	Alluvium	Shallow	6/6/2019	3,187.43
				10/6/2019	3,183.31
				6/5/2020	3,175.56
				9/24/2020	3,183.43
				6/4/2021	3,188.18
BW-VWP-76a	28	Glacial Till	Not Used	6/6/2019	3,180.64
				10/6/2019	3,177.73
				6/5/2020	3,181.12
				9/24/2020	3,178.28
				6/4/2021	3,181.52
BW-VWP-76b	22	Glacial Outwash	Not Used	6/6/2019	3,180.41
				10/6/2019	3,177.43
				6/5/2020	3,180.97
				9/24/2020	3,178.11
				6/4/2021	3,181.30
BW-VWP-76c	17	Glacial Moraine	Shallow	6/6/2019	3,179.96
				10/6/2019	3,176.43
				6/5/2020	3,180.21
				9/24/2020	3,177.00
				6/4/2021	3,180.41
BW-VWP-77a	26	Glacial Till	Not Used	6/6/2019	3,180.65
				10/6/2019	3,177.81
				6/5/2020	3,180.93
				9/24/2020	3,178.18
				6/4/2021	3,181.30
BW-VWP-77b	22	Glacial Outwash	Not Used	6/6/2019	3,180.30
				10/6/2019	3,178.46
				6/5/2020	3,180.62
				9/24/2020	3,178.64
				6/4/2021	3,181.39

Table 3.5
Vibrating Wire Piezometer Water Level Elevations (2019-2021)

Location ID	VWP Installation Depth (feet bgs)	Hydrostratigraphic Unit of VWP [1]	Potentiometric Map Interval [2]	Date of Measurement [3]	Water Level Elevation (feet amsl) [4, 5]
BW-VWP-77c	17	Glacial Moraine	Shallow	6/6/2019	3,180.12
				10/6/2019	3,178.56
				6/5/2020	3,180.51
				9/24/2020	3,178.69
				6/4/2021	3,181.25
BW-VWP-78a	47	Glacial Till	Not Used	6/6/2019	3,175.03
				10/6/2019	3,171.36
				6/5/2020	3,175.03
				9/24/2020	3,171.53
				6/4/2021	3,175.61
BW-VWP-78b	43.5	Glacial Moraine	Deep	6/6/2019	3,174.85
				10/6/2019	3,171.01
				6/5/2020	3,174.85
				9/24/2020	3,171.19
				6/4/2021	3,175.39
BW-VWP-78c	33	Glacial Moraine	Intermediate (not used)	6/6/2019	3,175.42
				10/6/2019	3,171.40
				6/5/2020	3,175.45
				9/24/2020	3,171.56
				6/4/2021	3,175.86
BW-VWP-78d	16	Alluvium	Shallow	6/6/2019	3,176.27
				10/6/2019	3,172.33
				6/5/2020	3,176.34
				9/24/2020	3,172.63
				6/4/2021	3,176.62
BW-VWP-79a	47	Glacial Till	Not Used	6/6/2019	3,174.08
				10/6/2019	3,170.76
				6/5/2020	3,174.12
				9/24/2020	3,170.94
				6/4/2021	3,174.81
BW-VWP-79b	43.5	Glacial Moraine	Deep	6/6/2019	3,173.20
				10/6/2019	3,170.19
				6/5/2020	3,173.27
				9/24/2020	3,170.39
				6/4/2021	3,174.00
BW-VWP-79c	33	Glacial Moraine	Intermediate (not used)	6/6/2019	3,170.04
				10/6/2019	3,169.07
				6/5/2020	3,170.24
				9/24/2020	3,169.17
				6/4/2021	3,171.55
BW-VWP-79d	16	Alluvium	Shallow	6/6/2019	3,169.54
				10/6/2019	3,168.75
				6/5/2020	3,169.63
				9/24/2020	3,168.93
				6/4/2021	3,171.01

Notes:
Locations are listed in alphabetical order
1 General lithologic unit in which the VWP is placed.
2 Unit assigned for potentiometric mapping based on VWP elevation, representing the Shallow, Intermediate, and Deep Zones of the alluvial aquifer and the tailings piles, unless noted as "not used."
3 VWP water level elevations correspond to dates on which synoptic water level elevations were collected (Refer to Table 3.3).
4 Holden Mine Vertical Datum.
5 VWP data are based on the elevation of the installed instrument, and are not directly calibrated to water level elevation. Elevations may not be accurate to 0.01 feet.

Abbreviations:
amsl Above mean sea level
bgs below ground surface
VWP Vibrating wire piezometer

Table 3.6
Head Differences Across Barrier Wall (Spring 2021)

Mountain Side			Railroad Creek Side					
Location ID	VWP Installation Depth (ft bgs)	Water Level Elevation, June 4, 2021 (feet amsl) [1]	Location ID	VWP Installation Depth (feet bgs)	Water Level Elevation, June 4, 2021 (feet amsl) [1]	Subsurface Lithology	Head Difference, Mountain Side Minus Railroad Creek Side (feett) [2]	Apparent Gradient Direction Relative to Barrier Wall
Lower West Area								
BW-VWP-60c	19	3,228.71	BW-VWP-61c	19	3,231.02	Alluvium	-2.31	Inward
BW-VWP-60b	25	3,228.84	BW-VWP-61b	24	3,231.44	Glacial Moraine	-2.60	Inward
BW-VWP-60a	34.4	3,257.64	BW-VWP-61a	34.4	3,234.90	Glacial Till	22.74	Outward
BW-VWP-62c	16.5	3,218.74	BW-VWP-63c	16.5	3,226.76	Alluvium	-8.01	Inward
BW-VWP-62b	26.5	3,219.38	BW-VWP-63b	28	3,226.94	Glacial Till	-7.56	Inward
BW-VWP-62a	36.5	3,225.81	BW-VWP-63a	36	3,226.76	Glacial Till	-0.95	Inward
BW-VWP-64c	17	3,213.18	BW-VWP-65c	18	3,216.32	Alluvium	-3.14	Inward
BW-VWP-64b	55	3,211.29	BW-VWP-65b	56	3,211.24	Glacial Moraine	0.04	Outward
BW-VWP-64a	73	3,211.59	BW-VWP-65a	69	3,211.22	Glacial Till	0.37	Outward
BW-VWP-66c	15	3,208.74	BW-VWP-67c	15	3,210.14	Alluvium	-1.40	Inward
BW-VWP-66b	42	3,207.72	BW-VWP-67b	42	3,208.51	Glacial Moraine	-0.79	Inward
BW-VWP-66a	50	3,207.57	BW-VWP-67a	53	3,207.87	Glacial Till	-0.29	Inward
Tailings Pile 1								
BW-VWP-68d	21	3,213.08	BW-VWP-69d	21	3,202.57	Alluvium	10.51	Outward
BW-VWP-68c	40	3,211.12	BW-VWP-69c	40	3,202.65	Glacial Moraine	8.48	Outward
BW-VWP-68b	65	3,201.09	BW-VWP-69b	65	3,201.64	Glacial Outwash	-0.55	Inward
BW-VWP-68a	85	3,200.72	BW-VWP-69a	87	3,201.61	Glacial Till	-0.89	Inward
BW-VWP-70c	18	3,198.21	BW-VWP-71c	18	3,196.06	Alluvium	2.14	Outward
BW-VWP-70b	65	3,197.71	BW-VWP-71b	65	3,195.96	Glacial Moraine	1.75	Outward
BW-VWP-70a	75	3,196.88	BW-VWP-71a	75	3,196.13	Glacial Till	0.74	Outward
BW-VWP-72c	18	3,195.68	BW-VWP-73c	18	3,187.12	Alluvium	8.55	Outward
BW-VWP-72b	35	3,195.00	BW-VWP-73b	35	3,188.00	Glacial Moraine	7.00	Outward
BW-VWP-72a	79	3,197.25	BW-VWP-73a	79	3,190.25	Glacial Till	7.00	Outward
Wing Wall								
BW-VWP-74c	28	3,197.53	BW-VWP-75c	28	3,188.18	Alluvium	9.35	NA [3]
BW-VWP-74b	51	3,194.12	BW-VWP-75b	51	3,190.67	Glacial Outwash	3.45	NA [3]
BW-VWP-74a	78	3,192.73	BW-VWP-75a	76	3,191.45	Glacial Till	1.28	NA [3]
Tailings Pile 2								
BW-VWP-76c	17	3,180.41	BW-VWP-77c	17	3,181.25	Glacial Moraine	-0.85	Inward
BW-VWP-76b	22	3,181.30	BW-VWP-77b	22	3,181.39	Glacial Outwash	-0.09	Inward
BW-VWP-76a	28	3,181.52	BW-VWP-77a	26	3,181.30	Glacial Till	0.23	Outward
BW-VWP-78d	16	3,176.62	BW-VWP-79d	16	3,171.01	Alluvium	5.61	Outward
BW-VWP-78c	33	3,175.86	BW-VWP-79c	33	3,171.55	Glacial Moraine	4.30	Outward
BW-VWP-78b	43.5	3,175.39	BW-VWP-79b	43.5	3,174.00	Glacial Moraine	1.40	Outward
BW-VWP-78a	47	3,175.61	BW-VWP-79a	47	3,174.81	Glacial Till	0.80	Outward

Notes:

1 Holden Mine Vertical Datum.

2 Positive value indicates head was higher on the mountain side than on the Railroad Creek side at the time of measurement. Negative value indicates head was higher on the Railroad Creek side than on the mountain side.

3 Head difference is measured across the wing wall section of the barrier wall, which is upgradient of the Tailings Pile 2 barrier wall and groundwater collection system.

Abbreviations:

amsl above mean sea level

bgs Below ground surface

VWP Vibrating wire piezometer

NA Not applicable

Table 3.7
Vertical Gradients Based on Monitoring Wells

Monitoring Well Cluster [1]	Date	Season	Monitoring Well Data									Vertical Gradients [2]					
			Deep Well			Intermediate Well			Shallow Well								
			Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Shallow Well to Intermediate Well Gradient (ft/ft)	Gradient Direction	Shallow Well to Deep Well Gradient (ft/ft)	Gradient Direction	Intermediate Well to Deep Well Gradient (ft/ft)	Gradient Direction
			Well ID			Well ID			Well ID								
US-1			US-1D			US-1I			US-1S								
	6/5/2021	Spring	3,272.58	3,225.94	3,215.94	3,272.78	3,245.25	3,240.25	3,273.76	3261.07	3,251.07	0.074	downward	0.034	downward	0.009	downward
	9/24/2020	Fall	3,268.63	3,225.94	3,215.94	3,268.75	3,245.25	3,240.25	3,268.80	3261.07	3,251.07	0.004	downward	0.005	downward	0.005	downward
	6/5/2020	Spring	3,271.75	3,225.94	3,215.94	3271.91	3,245.25	3,240.25	3272.65	3261.07	3,251.07	0.056	downward	0.026	downward	0.007	downward
	10/6/2019	Fall	3,267.96	3,225.94	3,215.94	3,268.07	3,245.25	3,240.25	3,268.26	3261.07	3,251.07	0.015	downward	0.009	downward	0.005	downward
	6/6/2019	Spring	3,270.30	3,225.94	3,215.94	3,270.44	3,245.25	3,240.25	3,270.97	3261.07	3,251.07	0.040	downward	0.019	downward	0.006	downward
MW-4			MW-4D			None			MW-4S								
	6/5/2021	Spring	3,220.15	3,210.29	3,205.29	--	--	--	3,220.29	3,224.38	3,214.38	--	--	0.011	downward	--	--
	9/24/2020	Fall	3,214.50	3,210.29	3,205.29	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/2020	Spring	3,219.38	3,210.29	3,205.29	--	--	--	3,219.38	3,224.38	3,214.38	--	--	-0.001	upward	--	--
	10/6/2019	Fall	3,214.33	3,210.29	3,205.29	--	--	--	3,214.20	3,224.38	3,214.38	--	--	-0.012	upward	--	--
	6/6/2019	Spring	3,219.19	3,210.29	3,205.29	--	--	--	3,219.14	3,224.38	3,214.38	--	--	-0.005	upward	--	--
HV-3 & NRC-5D			NRC-5D			None			HV-3								
	6/5/2021	Spring	3,217.83	3,150.74	3,140.74				3,218.99	3,207.86	3,194.86	--	--	0.021	downward	--	--
	9/24/2020	Fall	3,203.66	3,150.74	3,140.74	--	--	--	3,203.89	3,207.86	3,194.86	--	--	0.004	downward	--	--
	6/5/2020	Spring	3,218.38	3,150.74	3,140.74	--	--	--	3,219.49	3,207.86	3,194.86	--	--	0.020	downward	--	--
	10/6/2019	Fall	3,203.02	3,150.74	3,140.74	--	--	--	3,203.24	3,207.86	3,194.86	--	--	0.004	downward	--	--
	6/6/2019	Spring	3,207.70	3,150.74	3,140.74	--	--	--	3,211.95	3,207.86	3,194.86	--	--	0.076	downward	--	--
HV-2			HV-2D			None			HV-2S								
	6/5/2021	Spring	3,196.93	3,189.86	3,179.86	--	--	--	3,197.65	3,199.86	3,189.86	--	--	0.072	downward	--	--
	9/24/2020	Fall	3,193.36	3,189.86	3,179.86	--	--	--	3,193.45	3,199.86	3,189.86	--	--	0.009	downward	--	--
	6/5/2020	Spring	3,196.91	3,189.86	3,179.86	--	--	--	3,197.73	3,199.86	3,189.86	--	--	0.082	downward	--	--
	10/6/2019	Fall	3,192.91	3,189.86	3,179.86	--	--	--	3,193.01	3,199.86	3,189.86	--	--	0.010	downward	--	--
	7/16/2019	Summer	3,193.96	3,189.86	3,179.86	--	--	--	3,194.17	3,199.86	3,189.86	--	--	0.021	downward	--	--
TP2-12			TP2-12D			None			TP2-12S								
	6/5/2021	Spring	3,200.89	3,178.38	3,168.38	--	--	--	3,200.49	3,201.17	3,191.17	--	--	-0.018	upward	--	--
	9/24/2020	Fall	3,186.97	3,178.38	3,168.38	--	--	--	DRY	3,201.17	3,191.17	--	--	--	--	--	--
	6/5/2020	Spring	3,200.79	3,178.38	3,168.38	--	--	--	3,200.47	3,201.17	3,191.17	--	--	-0.014	upward	--	--
	10/7/2019	Fall	3,185.04	3,178.38	3,168.38	--	--	--	DRY	3,201.17	3,191.17	--	--	--	--	--	--
	6/6/2019	Spring	3,198.62	3,178.38	3,168.38	--	--	--	3,198.46	3,201.17	3,191.17	--	--	-0.007	upward	--	--
TP2-13			TP2-13D			None			TP2-13S								
	6/5/2021	Spring	3,175.58	3,158.45	3,148.45	--	--	--	3,176.85	3,182.59	3,172.59	--	--	0.053	downward	--	--
	9/24/2020	Fall	3,169.53	3,158.45	3,148.45	--	--	--	3,173.36	3,182.59	3,172.59	--	--	0.159	downward	--	--
	6/5/2020	Spring	3,174.80	3,158.45	3,148.45	--	--	--	3,176.42	3,182.59	3,172.59	--	--	0.067	downward	--	--
	10/6/2019	Fall	3,168.67	3,158.45	3,148.45	--	--	--	DRY	3,182.59	3,172.59	--	--	--	--	--	--
	6/6/2019	Spring	3,174.69	3,158.45	3,148.45	--	--	--	3,176.58	3,182.59	3,172.59	--	--	0.078	downward	--	--
TP2-16			TP2-16D			None			TP2-16S								
	6/5/2021	Spring	3,236.69	3,229.05	3,219.05	--	--	--	3,241.94	3,251.70	3,241.70	--	--	0.232	downward		
	9/24/2020	Fall	3,219.20	3,229.05	3,219.05	--	--	--	3,241.92	3,251.70	3,241.70	--	--	1.003	downward		
	6/5/2020	Spring	3,235.07	3,229.05	3,219.05	--	--	--	3,241.93	3,251.70	3,241.70	--	--	0.303	downward	--	--
	10/6/2019	Fall	DRY	3,229.05	3,219.05	--	--	--	DRY	3,251.70	3,241.70	--	--	--	--	--	--
	6/8/2019	Spring	3,230.62	3,229.05	3,219.05	--	--	--	DRY	3,251.70	3,241.70	--	--	--	--	--	--

Table 3.7
Vertical Gradients Based on Monitoring Wells

Monitoring Well Cluster [1]	Date	Season	Monitoring Well Data									Vertical Gradients [2]					
			Deep Well			Intermediate Well			Shallow Well								
			Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Shallow Well to Intermediate Well Gradient (ft/ft)	Gradient Direction	Shallow Well to Deep Well Gradient (ft/ft)	Gradient Direction	Intermediate Well to Deep Well Gradient (ft/ft)	Gradient Direction
			Well ID			Well ID			Well ID								
DS-15			None			DS-15I			DS-15S								
	6/5/2021	Spring	--	--	--	3,168.57	3,139.44	3,129.44	3,168.62	3,171.53	3,156.53	0.002	downward	--	--	--	--
	9/24/2020	Fall	--	--	--	3,165.48	3,139.44	3,129.44	3,165.59	3,171.53	3,156.53	0.003	downward	--	--	--	--
	6/5/2020	Spring	--	--	--	3,167.66	3,139.44	3,129.44	3,167.78	3,171.53	3,156.53	0.004	downward	--	--	--	--
	10/6/2019	Fall	--	--	--	3,164.81	3,139.44	3,129.44	3,165.07	3,171.53	3,156.53	0.01	downward	--	--	--	--
	6/21/2019	Spring	--	--	--	3,167.00	3,139.44	3,129.44	3,167.35	3,171.53	3,156.53	0.01	downward	--	--	--	--
DS-16			DS-16D			DS-16I			DS-16S								
	6/5/2021	Spring	3,159.26	3,108.86	3,098.86	3,158.81	3,133.24	3,123.24	3,160.93	3,161.27	3,146.27	0.08	downward	0.033	downward	-0.02	upward
	9/24/2020	Fall	3,155.26	3,108.86	3,098.86	3,154.82	3,133.24	3,123.24	3,157.94	3,161.27	3,146.27	0.12	downward	0.054	downward	-0.02	upward
	6/5/2020	Spring	3,157.76	3,108.86	3,098.86	3,157.16	3,133.24	3,123.24	3,159.58	3,161.27	3,146.27	0.10	downward	0.037	downward	-0.02	upward
	10/6/2019	Fall	3,154.59	3,108.86	3,098.86	3,153.91	3,133.24	3,123.24	3,157.17	3,161.27	3,146.27	0.13	downward	0.052	downward	-0.03	upward
	6/20/2019	Spring	3,157.86	3,108.86	3,098.86	3,156.13	3,133.24	3,123.24	3,158.97	3,161.27	3,146.27	0.11	downward	0.022	downward	-0.07	upward
TP3-14			TP3-14D			None			TP3-14S								
	6/5/2021	Spring	3,159.90	3,138.77	3,128.77	--	--	--	3,161.52	3,158.88	3,148.88	--	--	0.08	downward	--	--
	9/24/2020	Fall	3,150.23	3,138.77	3,128.77	--	--	--	3,152.51	3,158.88	3,148.88	--	--	0.11	downward	--	--
	06/5/2020 and 06/10/2020	Spring	3,157.40	3,138.77	3,128.77	--	--	--	3,157.88	3,158.88	3,148.88	--	--	0.02	downward	--	--
	10/6/2019	Fall	3,149.36	3,138.77	3,128.77	--	--	--	3,151.92	3,158.88	3,148.88	--	--	0.13	downward	--	--
	6/6/2019	Spring	3,156.19	3,138.77	3,128.77	--	--	--	3,158.89	3,158.88	3,148.88	--	--	0.13	downward	--	--
DS-17			None			DS-17I			DS-17S								
	6/5/2021	Spring	--	--	--	3,154.88	3,115.21	3,105.21	3,155.47	3,155.82	3,140.82	0.02	downward	--	--	--	--
	9/24/2020	Fall	--	--	--	3,150.10	3,115.21	3,105.21	3,151.74	3,155.82	3,140.82	0.04	downward	--	--	--	--
	6/5/2020	Spring	--	--	--	3,152.77	3,115.21	3,105.21	3,153.07	3,155.82	3,140.82	0.01	downward	--	--	--	--
	10/6/2019	Fall	--	--	--	3,149.01	3,115.21	3,105.21	3,150.28	3,155.82	3,140.82	0.03	downward	--	--	--	--
	6/22/2019	Spring	--	--	--	3,151.28	3,115.21	3,105.21	3,152.61	3,155.82	3,140.82	0.03	downward	--	--	--	--
TP3-12			TP3-12D			None			TP3-12S								
	6/5/2021	Spring	3,154.28	3,129.69	3,119.69	--	--	--	3,154.10	3,154.29	3,144.29	--	--	-0.01	upward	--	--
	9/24/2020	Fall	3,148.75	3,129.69	3,119.69	--	--	--	3,151.07	3,154.29	3,144.29	--	--	0.09	downward	--	--
	6/5/2020	Spring	3,152.09	3,129.69	3,119.69	--	--	--	3,152.84	3,154.29	3,144.29	--	--	0.03	downward	--	--
	10/6/2019	Fall	3,147.80	3,129.69	3,119.69	--	--	--	3,150.51	3,154.29	3,144.29	--	--	0.11	downward	--	--
	6/6/2019	Spring	3,151.67	3,129.69	3,119.69	--	--	--	3,153.22	3,154.29	3,144.29	--	--	0.06	downward	--	--
DS-18			DS-18D			DS-18I			DS-18S								
	6/5/2021	Spring	3,140.46	3,050.79	3,040.79	3,152.57	3,115.24	3,105.24	3,152.64	3,154.17	3,139.17	0.002	downward	0.12	downward	0.19	downward
	9/24/2020	Fall	3,134.07	3,050.79	3,040.79	3,148.16	3,115.24	3,105.24	3,149.54	3,154.17	3,139.17	0.038	downward	0.15	downward	0.22	downward
	6/5/2020	Spring	3,138.19	3,050.79	3,040.79	3,150.32	3,115.24	3,105.24	3,151.11	3,154.17	3,139.17	0.022	downward	0.13	downward	0.19	downward
	10/6/2019	Fall	3,132.95	3,050.79	3,040.79	3,147.17	3,115.24	3,105.24	3,148.42	3,154.17	3,139.17	0.034	downward	0.15	downward	0.22	downward
	6/22/2019	Spring	3,136.27	3,050.79	3,040.79	3,149.10	3,115.24	3,105.24	3,150.28	3,154.17	3,139.17	0.032	downward	0.14	downward	0.20	downward
DS-12			DS-12D			DS-12I			DS-12S								
	6/5/2021	Spring	3,146.03	3,094.25	3,084.25	3,146.11	3,123.95	3,113.95	3,145.80	3,133.89	3,123.89	-0.031	upward	-0.006	upward	0.003	downward
	9/24/2020	Fall	3,141.76	3,094.25	3,084.25	3,144.12	3,123.95	3,113.95	3,144.07	3,133.89	3,123.89	-0.004	upward	0.058	downward	0.08	downward
	6/5/2020	Spring	3144.40	3,094.25	3,084.25	3145.13	3,123.95	3,113.95	3144.94	3,133.89	3,123.89	-0.018	upward	0.014	downward	0.02	downward
	10/6/2019	Fall	3,140.98	3,094.25	3,084.25	3,143.22	3,123.95	3,113.95	3,143.16	3,133.89	3,123.89	-0.005	upward	0.055	downward	0.08	downward
	6/6/2019	Spring	3,144.34	3,094.25	3,084.25	3,145.03	3,123.95	3,113.95	3,144.90	3,133.89	3,123.89	-0.012	upward	0.014	downward	0.02	downward

Table 3.7
Vertical Gradients Based on Monitoring Wells

Monitoring Well Cluster [1]	Date	Season	Monitoring Well Data									Vertical Gradients [2]					
			Deep Well			Intermediate Well			Shallow Well								
			Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Water Level Elevation (feet amsl)	Well Screen Top Elevation[3] (feet amsl)	Well Screen Bottom Elevation[3] (feet amsl)	Shallow Well to Intermediate Well Gradient (ft/ft)	Gradient Direction	Shallow Well to Deep Well Gradient (ft/ft)	Gradient Direction	Intermediate Well to Deep Well Gradient (ft/ft)	Gradient Direction
			Well ID			Well ID			Well ID								
DS-13			DS-13D			DS-13I			DS-13S								
	6/5/2021	Spring	3,138.85	3,064.33	3,054.33	3,147.18	3,100.19	3,090.19	3,146.11	3,129.61	3,119.51	-0.036	upward	0.11	downward	0.23	downward
	9/24/2020	Fall	3,132.38	3,064.33	3,054.33	3,144.32	3,100.19	3,090.19	3,144.12	3,129.61	3,119.51	-0.007	upward	0.18	downward	0.33	downward
	6/5/2020	Spring	3,136.59	3,064.33	3,054.33	3,145.71	3,100.19	3,090.19	3,145.07	3,129.61	3,119.51	-0.022	upward	0.13	downward	0.25	downward
	10/6/2019	Fall	3,131.19	3,064.33	3,054.33	3,143.39	3,100.19	3,090.19	3,143.19	3,129.61	3,119.51	-0.007	upward	0.18	downward	0.34	downward
	6/6/2019	Spring	3,136.55	3,064.33	3,054.33	3,145.62	3,100.19	3,090.19	3,144.99	3,129.61	3,119.51	-0.021	upward	0.13	downward	0.25	downward
NRC-3R			NRC-3DR			NRC-3IR			NRC-3SR								
	6/5/2021	Spring	3,137.02	3,052.77	3,042.77	3147.27	3,098.75	3,088.75	3,146.90	3,145.22	3,135.22	-0.01	upward	0.11	downward	0.22	downward
	9/24/2020	Fall	3,130.31	3,052.77	3,042.77	3143.689	3,098.75	3,088.75	3,144.84	3,145.22	3,135.22	0.02	downward	0.16	downward	0.29	downward
	6/5/2020	Spring	3134.72	3,052.77	3,042.77	3145.46	3,098.75	3,088.75	3145.75	3,145.22	3,135.22	0.01	downward	0.12	downward	0.23	downward
	10/6/2019	Fall	3,129.11	3,052.77	3,042.77	3,142.77	3,098.75	3,088.75	3,143.82	3,145.22	3,135.22	0.02	downward	0.16	downward	0.30	downward
	6/6/2019	Spring	3,134.75	3,052.77	3,042.77	3,145.37	3,098.75	3,088.75	3,145.68	3,145.22	3,135.22	0.01	downward	0.12	downward	0.23	downward
NRC-6			NRC-6D			NRC-6I			NRC-6S								
	6/5/2021	Spring	3,133.96	3,046.91	3,036.91	3,134.14	3,094.91	3,084.91	3,136.25	3,134.04	3,124.04	0.05	downward	0.03	downward	0.004	downward
	9/24/2020	Fall	3,126.59	3,046.91	3,036.91	3,126.86	3,094.91	3,084.91	3,130.67	3,134.04	3,124.04	0.10	downward	0.05	downward	0.006	downward
	6/5/2020	Spring	3,131.54	3,046.91	3,036.91	3,131.78	3,094.91	3,084.91	3,134.42	3,134.04	3,124.04	0.07	downward	0.03	downward	0.005	downward
	10/6/2019	Fall	3,125.21	3,046.91	3,036.91	3,125.46	3,094.91	3,084.91	3,129.32	3,134.04	3,124.04	0.10	downward	0.05	downward	0.005	downward
	NM	Spring	--	--	--	--			--	--	--	--	--	--	--	--	--
DS-3			DS-3D			None			DS-3S								
	6/5/2021	Spring	3,136.37	3,108.37	3,098.13	--	--	--	3,137.63	3,130.85	3,120.93	--	--	0.056	downward	--	--
	9/24/2020	Fall	3,130.72	3,108.37	3,098.13	--	--	--	3,131.47	3,130.85	3,120.93	--	--	0.033	downward	--	--
	6/5/2020	Spring	3,134.53	3,108.37	3,098.13	--	--	--	3,135.51	3,130.85	3,120.93	--	--	0.043	downward	--	--
	10/6/2019	Fall	3,129.37	3,108.37	3,098.13	--	--	--	3,129.95	3,130.85	3,120.93	--	--	0.026	downward	--	--
	6/6/2019	Spring	3,135.50	3,108.37	3,098.13	--	--	--	3,134.49	3,130.85	3,120.93	--	--	-0.044	upward	--	--
DS-4			DS-4DD			DS-4I			DS-4S								
	6/5/2021	Spring	3,132.08	3,025.16	3,015.16	3,134.57	3,088.61	3,078.61	3,137.91	3,129.13	3,119.46	0.08	downward	0.06	downward	0.04	downward
	9/24/2020	Fall	3,125.80	3,025.16	3,015.16	3,129.29	3,088.61	3,078.61	3,132.01	3,129.13	3,119.46	0.07	downward	0.06	downward	0.06	downward
	6/5/2020	Spring	3,130.22	3,025.16	3,015.16	3,132.86	3,088.61	3,078.61	3,135.79	3,129.13	3,119.46	0.07	downward	0.05	downward	0.04	downward
	10/6/2019	Fall	3,124.66	3,025.16	3,015.16	3,127.93	3,088.61	3,078.61	3,130.50	3,129.13	3,119.46	0.06	downward	0.06	downward	0.05	downward
	6/6/2019	Spring	3,130.26	3,025.16	3,015.16	3,132.85	3,088.61	3,078.61	3,135.72	3,129.13	3,119.46	0.07	downward	0.05	downward	0.04	downward
DS-9			DS-9D			DS-9I			DS-9S								
	6/5/2021	Spring	3,129.26	3,046.62	3,036.62	3,126.92	3,092.16	3,082.16	3,126.79	3,118.85	3,108.85	-0.005	upward	-0.034	upward	-0.05	upward
	9/24/2020	Fall	3,123.73	3,046.62	3,036.62	3,123.11	3,092.16	3,082.16	3,123.62	3,118.85	3,108.85	0.02	downward	-0.002	upward	-0.01	upward
	6/5/2020	Spring	3,127.49	3,046.62	3,036.62	3,125.64	3,092.16	3,082.16	3,125.81	3,118.85	3,108.85	0.01	downward	-0.023	upward	-0.04	upward
	10/6/2019	Fall	3,122.40	3,046.62	3,036.62	3,121.85	3,092.16	3,082.16	3,122.56	3,118.85	3,108.85	0.03	downward	0.002	downward	-0.01	upward
	6/6/2019	Spring	3,127.48	3,046.62	3,036.62	3,125.49	3,092.16	3,082.16	3,125.75	3,118.85	3,108.85	0.01	downward	-0.024	upward	-0.04	upward

Notes:

-- Data are not available or gradient information is not able to be calculated with available data.

1 Locations are listed from upstream (west) to downstream (east).

2 Vertical gradients are calculated using the difference in head between two wells (Shallow minus Intermediate, Shallow minus Deep, Intermediate minus Deep) divided by the distance between screen mid-points. A positive value indicates greater head in the shallower unit of the pair, so that positive values indicate downward gradient directions. A negative value indicates greater head in the deeper unit of the pair, so that negative values indicate upward gradient directions.

3 Well screens were assumed to be 10 feet long if well logs were not available.

Abbreviations:

amsl Above mean sea level

ft/ft Feet per foot

NM Not measured

Table 3.8
Vertical Gradients Based on Vibrating Wire Piezometers

VWP Cluster [1]	Date	Season	Vibrating Wire Piezometer Data [2]						Vertical Gradients [3]					
			Deep VWP		Intermediate VWP		Shallow VWP							
			VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	Shallow VWP to Intermediate VWP Gradient (ft/ft)	Gradient Direction	Shallow VWP to Deep VWP Gradient (ft/ft)	Gradient Direction	Intermediate VWP to Deep VWP Gradient (ft/ft)	Gradient Direction
			VWP ID		VWP ID		VWP ID							
BW-VWP-60			None		BW-VWP-60b		BW-VWP-60c							
	6/4/2021	Spring	--	--	3,228.84	3,216	3,228.71	3,222	-0.02	upward	--	--	--	--
	9/24/2020	Fall	--	--	3,225.46	3,216	3,224.78	3,222	-0.11	upward	--	--	--	--
	6/5/2020	Spring	--	--	3,228.41	3,216	3,228.33	3,222	-0.01	upward	--	--	--	--
	11/9/2019	Fall	--	--	3,225.55	3,216	3,224.99	3,222	-0.09	upward	--	--	--	--
	7/16/2019	Summer	--	--	--	--	--	--	--	--	--	--	--	--
	6/6/2019	Spring	--	--	--	--	--	--	--	--	--	--	--	--
BW-VWP-61			None		BW-VWP-61b		BW-VWP-61c							
	6/4/2021	Spring	--	--	3,231.44	3,217	3,231.02	3,222	-0.08	upward	--	--	--	--
	9/24/2020	Fall	--	--	3,229.16	3,217	3,229.42	3,222	0.05	downward	--	--	--	--
	6/5/2020	Spring	--	--	3,230.82	3,217	3,230.58	3,222	-0.05	upward	--	--	--	--
	10/6/2019	Fall	--	--	3,229.22	3,217	3,229.43	3,222	0.04	downward	--	--	--	--
	7/16/2019	Summer	--	--	3,229.63	3,217	3,229.80	3,222	0.03	downward	--	--	--	--
	6/6/2019	Spring	--	--	3,230.40	3,217	3,230.31	3,222	-0.02	upward	--	--	--	--
BW-VWP-64			BW-VWP-64b		None		BW-VWP-64c							
	6/4/2021	Spring	3,211.29	3,171	--	--	3,213.18	3,209	--	--	0.05	downward	--	--
	9/24/2020	Fall	3,208.33	3,171	--	--	3,210.57	3,209	--	--	0.06	downward	--	--
	6/5/2020	Spring	3,210.85	3,171	--	--	3,213.10	3,209	--	--	0.06	downward	--	--
	10/6/2019	Fall	3,208.70	3,171	--	--	3,210.97	3,209	--	--	0.06	downward	--	--
	7/16/2019	Summer	3,209.30	3,171	--	--	3,211.56	3,209	--	--	0.06	downward	--	--
	6/6/2019	Spring	3,210.58	3,171	--	--	3,213.15	3,209	--	--	0.07	downward	--	--
BW-VWP-65			BW-VWP-65b		None		BW-VWP-65c							
	6/4/2021	Spring	3,211.24	3,170	--	--	3,216.32	3,208	--	--	0.1	downward	--	--
	9/24/2020	Fall	3,208.28	3,170	--	--	3,213.72	3,208	--	--	0.1	downward	--	--
	6/5/2020	Spring	3,210.74	3,170	--	--	3,215.21	3,208	--	--	0.1	downward	--	--
	10/6/2019	Fall	3,208.57	3,170	--	--	3,213.64	3,208	--	--	0.1	downward	--	--
	7/16/2019	Summer	3,209.18	3,170	--	--	3,214.19	3,208	--	--	0.1	downward	--	--
	6/6/2019	Spring	3,210.34	3,170	--	--	3,214.87	3,208	--	--	0.1	downward	--	--
BW-VWP-66			None		BW-VWP-66b		BW-VWP-66c							
	6/4/2021	Spring	--	--	3,207.72	3,174	3,208.74	3,201	0.04	downward	--	--	--	--
	9/24/2020	Fall	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/2020	Spring	--	--	3,206.43	3,174	3,207.91	3,201	0.05	downward	--	--	--	--
	10/6/2019	Fall	--	--	3,202.65	3,174	3,203.83	3,201	0.04	downward	--	--	--	--
	7/16/2019	Summer	--	--	3,203.90	3,174	3,205.37	3,201	0.05	downward	--	--	--	--
	6/6/2019	Spring	--	--	3,205.58	3,174	3,207.46	3,201	0.07	downward	--	--	--	--
BW-VWP-67			None		BW-VWP-67b		BW-VWP-67c							
	6/4/2021	Spring	--	--	3,208.51	3,174	3,210.14	3,201	0.06	downward	--	--	--	--
	9/24/2020	Fall	--	--	3,205.52	3,174	3,207.77	3,201	0.08	downward	--	--	--	--
	6/5/2020	Spring	--	--	3,207.66	3,174	3,209.17	3,201	0.06	downward	--	--	--	--
	10/6/2019	Fall	--	--	3,205.87	3,174	3,207.75	3,201	0.07	downward	--	--	--	--
	7/16/2019	Summer	--	--	3,206.30	3,174	3,208.07	3,201	0.07	downward	--	--	--	--
	6/6/2019	Spring	--	--	3,207.09	3,174	3,208.66	3,201	0.06	downward	--	--	--	--
BW-VWP-68			BW-VWP-68b		BW-VWP-68c		BW-VWP-68d							
	6/4/2021	Spring	3,201.09	3,146	3,211.12	3,171	3,213.08	3,190	0.10	downward	0.3	downward	0.4	downward
	9/24/2020	Fall	3,197.66	3,146	3,207.52	3,171	3,209.09	3,190	0.08	downward	0.3	downward	0.4	downward
	6/5/2020	Spring	3,200.39	3,146	3,210.47	3,171	3,212.44	3,190	0.10	downward	0.3	downward	0.4	downward
	10/6/2019	Fall	3,197.82	3,146	3,207.64	3,171	3,209.31	3,190	0.09	downward	0.3	downward	0.4	downward
	7/16/2019	Summer	3,198.58	3,146	3,208.34	3,171	3,210.07	3,190	0.09	downward	0.3	downward	0.4	downward
	6/6/2019	Spring	3,199.74	3,146	3,209.56	3,171	3,211.47	3,190	0.10	downward	0.3	downward	0.4	downward

Table 3.8
Vertical Gradients Based on Vibrating Wire Piezometers

VWP Cluster [1]	Date	Season	Vibrating Wire Piezometer Data [2]						Vertical Gradients [3]					
			Deep VWP		Intermediate VWP		Shallow VWP							
			VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	Shallow VWP to Intermediate VWP Gradient (ft/ft)	Gradient Direction	Shallow VWP to Deep VWP Gradient (ft/ft)	Gradient Direction	Intermediate VWP to Deep VWP Gradient (ft/ft)	Gradient Direction
			VWP ID		VWP ID		VWP ID							
BW-VWP-69			BW-VWP-69b		BW-VWP-69c		BW-VWP-69d							
	6/4/2021	Spring	3,201.64	3,146	3,202.65	3,171	3,202.57	3,190	-0.004	upward	0.02	downward	0.04	downward
	9/24/2020	Fall	3,198.37	3,146	3,200.15	3,171	3,200.42	3,190	0.01	downward	0.05	downward	0.07	downward
	6/5/2020	Spring	3,201.07	3,146	3,201.84	3,171	3,201.68	3,190	-0.009	upward	0.01	downward	0.03	downward
	10/6/2019	Fall	3,198.53	3,146	3,200.18	3,171	3,200.50	3,190	0.02	downward	0.04	downward	0.1	downward
	7/16/2019	Summer	3,199.20	3,146	3,200.57	3,171	3,200.80	3,190	0.01	downward	0.04	downward	0.1	downward
	6/6/2019	Spring	3,200.25	3,146	3,201.24	3,171	3,201.29	3,190	0.003	downward	0.02	downward	0.04	downward
BW-VWP-70			BW-VWP-70b		None		BW-VWP-70c							
	6/4/2021	Spring	3,197.71	3,137	--	--	3,198.21	3,184	--	--	0.011	downward	--	--
	9/24/2020	Fall	3,194.08	3,137	--	--	3,194.24	3,184	--	--	0.003	downward	--	--
	6/5/2020	Spring	3,197.20	3,137	--	--	3,197.76	3,184	--	--	0.01	downward	--	--
	10/6/2019	Fall	3,194.17	3,137	--	--	3,194.38	3,184	--	--	0.004	downward	--	--
	7/16/2019	Summer	3,195.17	3,137	--	--	3,195.97	3,184	--	--	0.02	downward	--	--
	6/6/2019	Spring	3,196.71	3,137	--	--	3,197.14	3,184	--	--	0.01	downward	--	--
BW-VWP-71			BW-VWP-71b		None		BW-VWP-71c							
	6/4/2021	Spring	3,195.96	3,138	--	--	3,196.06	3,185	--	--	0.002	downward	--	--
	9/24/2020	Fall	3,193.45	3,138	--	--	3,194.35	3,185	--	--	0.02	downward	--	--
	6/5/2020	Spring	3,195.32	3,138	--	--	3,195.35	3,185	--	--	0.0005	downward	--	--
	10/6/2019	Fall	3,193.48	3,138	--	--	3,194.45	3,185	--	--	0.02	downward	--	--
	7/16/2019	Summer	3,194.06	3,138	--	--	3,194.67	3,185	--	--	0.01	downward	--	--
	6/6/2019	Spring	3,194.96	3,138	--	--	3,195.19	3,185	--	--	0.005	downward	--	--
BW-VWP-72			None		BW-VWP-72b		BW-VWP-72c							
	6/4/2021	Spring	--	--	3,195.00	3,163	3,195.68	3,180	0.04	downward	--	--	--	--
	9/24/2020	Fall	--	--	3,189.34	3,163	3,189.39	3,180	0.003	downward	--	--	--	--
	6/5/2020	Spring	--	--	3,194.56	3,163	3,195.44	3,180	0.05	downward	--	--	--	--
	10/6/2019	Fall	--	--	3,189.12	3,163	3,189.08	3,180	-0.002	upward	--	--	--	--
	7/16/2019	Summer	--	--	3,190.83	3,163	3,191.02	3,180	0.01	downward	--	--	--	--
	6/6/2019	Spring	--	--	3,194.48	3,163	3,195.41	3,180	0.05	downward	--	--	--	--
BW-VWP-73			None		BW-VWP-73b		BW-VWP-73c							
	6/4/2021	Spring	--	--	3,188.00	3,163	3,187.12	3,180	-0.05	upward	--	--	--	--
	9/24/2020	Fall	--	--	3,185.52	3,163	3,185.31	3,180	-0.01	upward	--	--	--	--
	6/5/2020	Spring	--	--	3,187.00	3,163	3,186.02	3,180	-0.06	upward	--	--	--	--
	10/6/2019	Fall	--	--	3,185.32	3,163	3,185.12	3,180	-0.01	upward	--	--	--	--
	7/16/2019	Summer	--	--	3,185.93	3,163	3,185.50	3,180	-0.03	upward	--	--	--	--
	6/6/2019	Spring	--	--	3,186.89	3,163	3,185.93	3,180	-0.06	upward	--	--	--	--
BW-VWP-74			BW-VWP-74b		None		BW-VWP-74c							
	6/4/2021	Spring	3,194.12	3,153	--	--	3,197.53	3,176	--	--	0.1	downward	--	--
	9/24/2020	Fall	3,189.38	3,153	--	--	3,191.77	3,176	--	--	0.1	downward	--	--
	6/5/2020	Spring	3,193.49	3,153	--	--	3,197.09	3,176	--	--	0.2	downward	--	--
	10/6/2019	Fall	3,189.27	3,153	--	--	3,191.66	3,176	--	--	0.1	downward	--	--
	7/16/2019	Summer	3,190.60	3,153	--	--	3,193.17	3,176	--	--	0.1	downward	--	--
	6/6/2019	Spring	3,193.23	3,153	--	--	3,196.66	3,176	--	--	0.1	downward	--	--
BW-VWP-75			BW-VWP-75b		None		BW-VWP-75c							
	6/4/2021	Spring	3,190.67	3,153	--	--	3,188.18	3,176	--	--	-0.1	upward	--	--
	9/24/2020	Fall	3,186.58	3,153	--	--	3,183.43	3,176	--	--	-0.1	upward	--	--
	6/5/2020	Spring	3,190.21	3,153	--	--	3,175.56	3,176	--	--	-0.6	upward	--	--
	10/6/2019	Fall	3,186.44	3,153	--	--	3,183.31	3,176	--	--	-0.1	upward	--	--
	7/16/2019	Summer	3,187.90	3,153	--	--	3,185.24	3,176	--	--	-0.1	upward	--	--
	6/6/2019	Spring	3,189.88	3,153	--	--	3,187.43	3,176	--	--	-0.1	upward	--	--

Table 3.8
Vertical Gradients Based on Vibrating Wire Piezometers

VWP Cluster [1]	Date	Season	Vibrating Wire Piezometer Data [2]						Vertical Gradients [3]					
			Deep VWP		Intermediate VWP		Shallow VWP							
			VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	VWP Water Elevation (feet amsl)	VWP Elevation (feet amsl)	Shallow VWP to Intermediate VWP Gradient (ft/ft)	Gradient Direction	Shallow VWP to Deep VWP Gradient (ft/ft)	Gradient Direction	Intermediate VWP to Deep VWP Gradient (ft/ft)	Gradient Direction
			VWP ID		VWP ID		VWP ID							
BW-VWP-76			None		BW-VWP-76b		BW-VWP-76c							
	6/4/2021	Spring	--	--	3,181.30	3,165	3,180.41	3,170	-0.2	upward	--	--	--	--
	9/24/2020	Fall	--	--	3,178.11	3,165	3,177.00	3,170	-0.2	upward	--	--	--	--
	6/5/2020	Spring	--	--	3,180.97	3,165	3,180.21	3,170	-0.2	upward	--	--	--	--
	10/6/2019	Fall	--	--	3,177.43	3,165	3,176.43	3,170	-0.2	upward	--	--	--	--
	7/16/2019	Summer	--	--	3,179.85	3,165	3,179.26	3,170	-0.1	upward	--	--	--	--
	6/6/2019	Spring	--	--	3,180.41	3,165	3,179.96	3,170	-0.1	upward	--	--	--	--
BW-VWP-77			None		BW-VWP-77b		BW-VWP-77c							
	6/4/2021	Spring	--	--	3,181.39	3,165	3,181.25	3,170	-0.03	upward	--	--	--	--
	9/24/2020	Fall	--	--	3,178.64	3,165	3,178.69	3,170	0.01	downward	--	--	--	--
	6/5/2020	Spring	--	--	3,180.62	3,165	3,180.51	3,170	-0.02	upward	--	--	--	--
	10/6/2019	Fall	--	--	3,178.46	3,165	3,178.56	3,170	0.02	downward	--	--	--	--
	7/16/2019	Summer	--	--	3,179.59	3,165	3,179.38	3,170	-0.04	upward	--	--	--	--
	6/6/2019	Spring	--	--	3,180.30	3,165	3,180.12	3,170	-0.04	upward	--	--	--	--
BW-VWP-78			None		BW-VWP-78b		BW-VWP-78d							
	6/4/2021	Spring	--	--	3,175.39	3,136	3,176.62	3,164	0.04	downward	--	--	--	--
	9/24/2020	Fall	--	--	3,171.19	3,136	3,172.63	3,164	0.05	downward	--	--	--	--
	6/5/2020	Spring	--	--	3,174.85	3,136	3,176.34	3,164	0.05	downward	--	--	--	--
	10/6/2019	Fall	--	--	3,171.01	3,136	3,172.33	3,164	0.05	downward	--	--	--	--
	7/16/2019	Summer	--	--	3,173.11	3,136	3,174.87	3,164	0.06	downward	--	--	--	--
	6/6/2019	Spring	--	--	3,174.85	3,136	3,176.27	3,164	0.05	downward	--	--	--	--
BW-VWP-79			None		BW-VWP-79b		BW-VWP-79d							
	6/4/2021	Spring	--	--	3,174.00	3,136	3,171.01	3,164	-0.1	upward	--	--	--	--
	9/24/2020	Fall	--	--	3,170.39	3,136	3,168.93	3,164	-0.1	upward	--	--	--	--
	6/5/2020	Spring	--	--	3,173.27	3,136	3,169.63	3,164	-0.1	upward	--	--	--	--
	10/6/2019	Fall	--	--	3,170.19	3,136	3,168.75	3,164	-0.1	upward	--	--	--	--
	7/16/2019	Summer	--	--	3,171.73	3,136	3,169.05	3,164	-0.1	upward	--	--	--	--
	6/6/2019	Spring	--	--	3,173.20	3,136	3,169.54	3,164	-0.1	upward	--	--	--	--

Notes:

-- Data are not available or gradient information is not able to be calculated with available data.

1 Locations are listed from upstream (west) to downstream (east).

2 VWP are designated as Shallow, Intermediate, or Deep based on lithology and relative elevation. VWP data from glacial till are not used.

3 Vertical gradients are calculated using the difference in head between two VWPs (Shallow minus Intermediate, Shallow minus Deep, Intermediate minus Deep) divided by the distance between VWP elevations. A positive value indicates greater head in the shallower unit of the pair, so that positive values indicate downward gradient directions. A negative value indicates greater head in the deeper unit of the pair, so that negative values indicate upward gradient directions.

Abbreviations:

amsl Above mean sea level

ft/ft Feet per foot

NM Not measured

VWP Vibrating wire piezometer

Table 3.9
Groundwater Results from Monitoring Wells

					Area	Background					Lower West Area			Tailings Piles		
					Location [1]	US-1S	US-1I	US-1D	HBKG-2	HV-3	MW-3	MW-2	MW-1	TP2-12S	TP2-12D	TP2-14
					Sample Type	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
					Sample Date	6/4/2021	6/4/2021	6/4/2021	6/4/2021	6/6/2021	6/4/2021	6/3/2021	6/3/2021	6/5/2021	6/5/2021	6/6/2021
Analytes	CAS No.	Units	Drinking Water-Based Criteria [2]	Surface Water-Based Criteria [3]												
Total Metals																
Aluminum	7429-90-5	µg/L	**16,000**	142	5.27 JQ	3.24 JQ	3.10 JQ	3.35 JQ	6.10 JQ	26.7	11.6 JQ	40.6	10.5 JQ	737	616
Cadmium	7440-43-9	µg/L	**5**	0.050	0.0730 JQ	0.146	0.156	0.0460 JQ	0.500 U	2.51	0.410	0.305	0.149	0.675	0.975
Calcium	7440-70-2	µg/L	--	--	14,300	17,100	31,400	18,800	13,300	12,900	5,060	4,550	81,000	16,400	10,200
Copper	7440-50-8	µg/L	**592**	1.45	0.377 JQ	0.224 JQ	0.500 U	0.276 JQ	0.178 JQ	38.5	7.93	3.21	0.500	15.6	18.6
Iron	7439-89-6	µg/L	--	1,000	36.0 U	36.0 U	36.0 U	36.0 U	36.0 U	72.0 U	36.0 U	19.5 JQ	9,360	25.5 JQ	30.6 JQ
Lead	7439-92-1	µg/L	**15.0**	0.169	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Magnesium	7439-95-4	µg/L	--	--	1,570	1,820	2,910	2,020	1,820	1,610	516	488	4,570	1,610	1,340
Manganese	7439-96-5	µg/L	--	--	0.204 JQ	0.216 JQ	2.02	2.24	0.500 U	2.35	1.84	0.693	305	49.3	28.6
Potassium	7440-09-7	µg/L	--	--	616	675	1,310	759	819	1,360	436	414	10,400	2,780	1,660
Sodium	7440-23-5	µg/L	--	--	1,400	1,490	4,540	1,960	1,350	1,980	849	851	2,730	1,460	1,740
Zinc	7440-66-6	µg/L	**4,800**	13.6	6.00 U	6.00 U	6.00 U	6.00 U	6.00 U	494	54.5	61.9	138	82.4	118
Dissolved Metals [4]																
Aluminum	7429-90-5	µg/L	**16,000**	142	--	--	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	µg/L	**5.00**	0.050	--	--	--	--	--	--	--	--	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	µg/L	**592**	1.45	--	--	--	--	--	--	--	--	--	--	--
Iron	7439-89-6	µg/L	--	1,000	--	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	µg/L	**15.0**	0.169	--	--	--	--	--	--	--	--	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	µg/L	**4,800**	13.6	--	--	--	--	--	--	--	--	--	--	--
Conventionals																
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	39.8	44.7	50.5	47.7	37.0	7.42	8.82	8.42	29.9	1.00 U	1.00 U
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	39.8	44.7	50.5	47.7	37.0	7.42	8.82	8.42	29.9	1.00 U	1.00 U
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloride	16887-00-6	mg/L	--	--	0.195	0.251	4.18	0.487	0.100 U	0.214	0.168	0.174	0.195	0.151	0.135
Dissolved Organic Carbon	--	mg/L	--	--	0.52	0.5 U	0.5 U	0.5 U	0.5 U	0.66	0.54	1.49	0.55	0.5 U	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	0.100 UJ	0.105 J	0.223 J	0.275 J	0.103 J	0.159 J	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	9.31	10.6	34.0	13.0	3.53	31.5	4.89	4.41	178	51.7	29.1
Total Dissolved Solids	--	mg/L	--	--	55	67	121	79	57	75	25	24	365	101	80
Total Suspended Solids	--	mg/L	--	--	1 U	1 U	1 U	1 U	1 U	1 U	3	1 U	3	1 U	1
Total Organic Carbon	--	mg/L	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.64	0.5 U	1.53	0.52	0.5 U	0.5 U
Hardness, Total	--	mg-$CaCO_3$/L	--	--	42.2	50.2	90.5	55.1	40.7	38.9	14.8	13.4	221	47.5	30.9

Table 3.9
Groundwater Results from Monitoring Wells

					Area	Background					Lower West Area			Tailings Piles		
					Location [1]	US-1S	US-1I	US-1D	HBKG-2	HV-3	MW-3	MW-2	MW-1	TP2-12S	TP2-12D	TP2-14
					Sample Type	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
					Sample Date	6/4/2021	6/4/2021	6/4/2021	6/4/2021	6/6/2021	6/4/2021	6/3/2021	6/3/2021	6/5/2021	6/5/2021	6/6/2021
Analytes	CAS No.	Units	Drinking Water-Based Criteria [2]	Surface Water-Based Criteria [3]												
Field Parameters [5]																
Dissolved Oxygen (DO)	--	mg/L	--	--	8.89	4.01	-- [6]	-- [6]	8.96	-- [6]	10.07	8.86	0.55	0.06	5.14	
Ferrous Iron	--	mg/L	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.5	0.5 U	0.5 U	
Oxidation-Reduction Potential (ORP)	--	mV	--	--	87.5	83.3	129	146.8	56.7	134	67.2	184.8	59.2	225.8	73.5	
pH	--	pH	--	--	6.18	6.29	7.05	6.53	6.69	5.56	6.46	5.62	6.25	4.68	4.9	
Specific Conductivity	--	µS/cm	--	--	98.5	111.8	251	181.6	82.1	103.3	35.5	34.1	552.4	210.4	93.8	
Turbidity	--	ntu	--	--	0.24	0.55	0.32	0.38	0.59	0.56	1.59	0.29	2.1	0.3	2.94	

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of drinking water-based criteria.

1 Locations are listed from upstream (west) to downstream (east).

2 Drinking water criteria are given in Tables 2 and 11 of the ROD.

3 Surface water criteria given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

4 Field-filtered samples were submitted for dissolved metals analysis for locations where turbidity exceeded or approached 5 NTU.

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.9
Groundwater Results from Monitoring Wells

					Area	Tailings Piles (cont.)										
					Location [1]	TP2-14	TP2-15	TP2-16D		TP2-13D	DS-15S	DS-15I	TP2-17	DS-16S	DS-16I	DS-16D
					Sample Type	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
					Sample Date	6/6/2021	6/5/2021	6/5/2021	6/5/2021	6/7/2021	6/4/2021	6/4/2021	6/6/2021	6/4/2021	6/4/2021	6/4/2021
Analytes	CAS No.	Units	Drinking Water-Based Criteria [2]	Surface Water-Based Criteria [3]												
Total Metals																
Aluminum	7429-90-5	µg/L	**16,000**	142	616	9.14 JQ	266	258	6.18 JQ	13.7 JQ	5.90 JQ	3,920	103	8.82 JQ	27.7
Cadmium	7440-43-9	µg/L	**5**	0.050	0.975	0.170	0.772	0.786	0.0200 U	0.158	0.0470 JQ	0.767	**20.3**	0.411	0.0650 JQ
Calcium	7440-70-2	µg/L	--	--	10,200	16,900	19,000	21,100	116,000	105,000	44,200	16,900	86,400	8,110	51,800
Copper	7440-50-8	µg/L	**592**	1.45	18.6	1.87	4.97	5.01	0.500 U	0.755	0.201 JQ	19.0	16.5	1.28	0.404 JQ
Iron	7439-89-6	µg/L	--	1,000	30.6 JQ	244	36.0 U	36.0 U	2,570	30,700	36.0 U	85.4	4,960	36.0 U	32.9 JQ
Lead	7439-92-1	µg/L	**15.0**	0.169	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Magnesium	7439-95-4	µg/L	--	--	1,340	1,650	2,370	2,370	12,500	14,300	5,320	2,040	16,000	1,620	7,540
Manganese	7439-96-5	µg/L	--	--	28.6	0.552	30.9	29.8	181	555	1.90	139	1,020	7.18	59.5
Potassium	7440-09-7	µg/L	--	--	1,660	2,980	3,460	3,510	14,300	15,500	2,050	1,860	3,090	715	1,870
Sodium	7440-23-5	µg/L	--	--	1,740	1,690	2,260	2,210	3,910	5,000	3,530	1,660	5,730	1,240	5,640
Zinc	7440-66-6	µg/L	**4,800**	13.6	118	15.6	84.1	77.4	6.00 U	30.1	6.00 U	87.0	2,000	47.0	6.00 U
Dissolved Metals[4]															
Aluminum	7429-90-5	µg/L	**16,000**	142	--	--	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	µg/L	**5.00**	0.050	--	--	--	--	--	--	--	--	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	µg/L	**592**	1.45	--	--	--	--	--	--	--	--	--	--	--
Iron	7439-89-6	µg/L	--	1,000	--	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	µg/L	**15.0**	0.169	--	--	--	--	--	--	--	--	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	µg/L	**4,800**	13.6	--	--	--	--	--	--	--	--	--	--	--
Conventionals															
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	1.00 U	25.5	8.65	8.75	75.1	25.5	122	1.00 U	8.22	9.02	152
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	1.00 U	25.5	8.65	8.75	75.1	25.5	122	1.00 U	8.22	9.02	152
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloride	16887-00-6	mg/L	--	--	0.135	0.146	0.149	0.148	0.164	0.306	0.412	0.139	0.329	0.552	0.541
Dissolved Organic Carbon	--	mg/L	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.64	0.85	0.5 U	0.5 U	0.63	0.5 U	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.628 J	0.100 UJ	0.100 UJ	0.138 J	0.261 J
Sulfate	14808-79-8	mg/L	--	--	29.1	25.8	46.9	44.2	212 J	268	11.3	60.2	230	16.7	13.8
Total Dissolved Solids	--	mg/L	--	--	80	80	106	117	520 J	574	158	128	452	50	191
Total Suspended Solids	--	mg/L	--	--	1	1 U	1 U	1 U	4 J	18	1 U	1	3	1 U	1 U
Total Organic Carbon	--	mg/L	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.6	0.82	0.5 U	0.5 U	0.59	0.5 U	0.5 U
Hardness, Total	--	mg-$CaCO_3$/L	--	--	30.9	49.1	57.3	62.5	342	322	132	50.6	282	26.9	160

Table 3.9
Groundwater Results from Monitoring Wells

					Area	Tailings Piles (cont.)									
					Location [1]	TP2-14	TP2-15	TP2-16D		TP2-13D	DS-15S	DS-15I	TP2-17	DS-16S	DS-16I	DS-16D
					Sample Type	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
					Sample Date	6/6/2021	6/5/2021	6/5/2021	6/5/2021	6/7/2021	6/4/2021	6/4/2021	6/6/2021	6/4/2021	6/4/2021	6/4/2021
Analytes	CAS No.	Units	Drinking Water-Based Criteria [2]	Surface Water-Based Criteria [3]											
Field Parameters[5]															
Dissolved Oxygen (DO)	--	mg/L	--	--		5.14	7.5	6.07	--	0.01	0.71	4.24	5.6	0.86	5.95	0.62
Ferrous Iron	--	mg/L	--	--		0.5 U	0.5 U	0.5 U	--	2	2	0.5 U	0.5 U	2.5	0.5 U	0 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--		73.5	132.6	192.4	--	13.3	-12.1	5.6	59	13.2	21.1	-30.3
pH	--	pH	--	--		4.9	6.27	5.41	--	6.78	6.31	7.7	4.3	6.22	6.29	7.49
Specific Conductivity	--	µS/cm	--	--		93.8	163.8	206.8	--	775	744	196.2	174.8	436.1	52.2	306.7
Turbidity	--	ntu	--	--		2.94	2.31	0.97	--	1.52	0.25	0.35	1.64	1.76	0.25	1.87

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of drinking water-based criteria.

1 Locations are listed from upstream (west) to downstream (east).

2 Drinking water criteria are given in Tables 2 and 11 of the ROD.

3 Surface water criteria given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

4 Field-filtered samples were submitted for dissolved metals analysis for locations where turbidity exceeded or approached 5 NTU.

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.9
Groundwater Results from Monitoring Wells

					Area	Tailings Piles (cont.)									
					Location [1]	TP3-13	TP3-14S	TP3-14D	DS-17S	DS-17I	TP3-12S	TP3-12D	DS-18S	DS-18I	DS-18D
					Sample Type	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
					Sample Date	6/7/2021	6/6/2021	6/6/2021	6/4/2021	6/4/2021	6/7/2021	6/7/2021	6/4/2021	6/4/2021	6/4/2021
Analytes	**CAS No.**	**Units**	**Drinking Water-Based Criteria [2]**	**Surface Water-Based Criteria [3]**											
Total Metals															
Aluminum	7429-90-5	µg/L	**16,000**	142	5,830	11,400	6,730	12,900	6,340	21.7 JQ	1,850	1,470	9,060	6.01 JQ
Cadmium	7440-43-9	µg/L	**5**	0.050	3.80	**6.36**	3.70	**7.10**	**7.96**	0.156	4.06	1.44	3.44	0.184
Calcium	7440-70-2	µg/L	--	--	50,100	466,000	15,900	88,500	109,000	572,000	31,100	77,800	83,100	55,700
Copper	7440-50-8	µg/L	**592**	1.45	18.0	136	134	92.9	113	0.556 JQ	149	11.2	107	0.500 U
Iron	7439-89-6	µg/L	--	1,000	217	408,000	180 U	88,300	82,900	87,300	180 U	14,000	51,000	180 U
Lead	7439-92-1	µg/L	**15.0**	0.169	0.284	**38.4**	0.100 U	0.100 U	0.293	0.100 U	0.100 U	0.100 U	0.138	0.100 U
Magnesium	7439-95-4	µg/L	--	--	9,840	35,500	2,530	18,500	21,500	35,800	3,890	16,600	15,000	9,740
Manganese	7439-96-5	µg/L	--	--	3,160	3,190	462	1,460	1,190	3,020	686	1,160	1,230	1,010
Potassium	7440-09-7	µg/L	--	--	4,420	39,900	1,920	5,660	9,260	41,200	3,360	1,900	6,800	4,810
Sodium	7440-23-5	µg/L	--	--	3,940	11,300	1,940	6,550	6,590	13,900	2,460	5,810	5,200	5,620
Zinc	7440-66-6	µg/L	**4,800**	13.6	707	4,590	443	997	1,210	61.7	640	156	596	6.00 U
Dissolved Metals[4]															
Aluminum	7429-90-5	µg/L	**16,000**	142	--	121	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	µg/L	**5.00**	0.050	--	1.44	--	--	--	--	--	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	419,000	--	--	--	--	--	--	--	--
Copper	7440-50-8	µg/L	**592**	1.45	--	0.722 JQ	--	--	--	--	--	--	--	--
Iron	7439-89-6	µg/L	--	1,000	--	338,000	--	--	--	--	--	--	--	--
Lead	7439-92-1	µg/L	**15.0**	0.169	--	0.200 U	--	--	--	--	--	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	25,700	--	--	--	--	--	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	2,980	--	--	--	--	--	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	24,700	--	--	--	--	--	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	8,750	--	--	--	--	--	--	--	--
Zinc	7440-66-6	µg/L	**4,800**	13.6	--	3,960	--	--	--	--	--	--	--	--
Conventionals															
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	33.5
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	33.5
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloride	16887-00-6	mg/L	--	--	0.212	0.419	0.120	0.353	0.555	0.176 J	0.121	0.470	0.314	0.903
Dissolved Organic Carbon	--	mg/L	--	--	0.5 U	1.28	0.5 U	0.69	0.5 U	0.69 J	0.5 U	0.52	0.5 U	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	146 J	1,410	79.5	484	526	1,320 J	72.7 J	253	379	125
Total Dissolved Solids	--	mg/L	--	--	337 J	2,810	146	882	900	2,600 J	182 J	489	751	296
Total Suspended Solids	--	mg/L	--	--	1 UJ	701	1 U	2	1 U	25 J	1 UJ	2	1 U	1 U
Total Organic Carbon	--	mg/L	--	--	0.5 U	6.39	0.55	0.66	0.5 U	0.76 J	0.5 U	0.5 U	0.5 U	0.5 U
Hardness, Total	--	mg-$CaCO_3$/L	--	--	166	1,310	50.2	297	360	1,570	93.6	262	269	179

Table 3.9
Groundwater Results from Monitoring Wells

Area					Tailings Piles (cont.)									
Location [1]					TP3-13	TP3-14S	TP3-14D	DS-17S	DS-17I	TP3-12S	TP3-12D	DS-18S	DS-18I	DS-18D
Sample Type					Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Sample Date					6/7/2021	6/6/2021	6/6/2021	6/4/2021	6/4/2021	6/7/2021	6/7/2021	6/4/2021	6/4/2021	6/4/2021
Analytes	CAS No.	Units	Drinking Water-Based Criteria [2]	Surface Water-Based Criteria [3]										
Field Parameters [5]														
Dissolved Oxygen (DO)	--	mg/L	--	--	0.24	7.25	5.07	0.26	0.37	0.14	3.81	0.3	2.72	0.35
Ferrous Iron	--	mg/L	--	--	0.5 U	4	0.5 U	2.5	5	2	0.5 U	4	4.5	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	183.3	-1.9	227.1	249.3	152.8	-43.7	234.8	192.3	213.7	174
pH	--	pH	--	--	4.02	6.09	4.61	4.17	4.3	6.67	4.82	4.94	4.33	6.3
Specific Conductivity	--	µS/cm	--	--	314.6	2,640	260.8	932	1,010	1,797 J	305	624	801	389.7
Turbidity	--	ntu	--	--	0.62	290	0.3	0.89	0.57	2.2	0.37	0.19	0.65	0.22

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of drinking water-based criteria.

1 Locations are listed from upstream (west) to downstream (east).

2 Drinking water criteria are given in Tables 2 and 11 of the ROD.

3 Surface water criteria given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

4 Field-filtered samples were submitted for dissolved metals analysis for locations where turbidity exceeded or approached 5 NTU.

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.9
Groundwater Results from Monitoring Wells

					Area	Downstream										
					Location [1]	DS-13S	DS-13I	DS-13D	DS-12S	DS-12I	DS-12D	NRC-3SR		NRC-3IR	NRC-3DR	
					Sample Type	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Duplicate
					Sample Date	6/4/2021	6/4/2021	6/4/2021	6/4/2021	6/4/2021	6/4/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021
Analytes	CAS No.	Units	Drinking Water-Based Criteria [2]	Surface Water-Based Criteria [3]												
Total Metals																
Aluminum	7429-90-5	µg/L	**16,000**	142	2,840	1,160	3.21 JQ	1,730	73.7	3.33 JQ	3.82 JQ	3.97 JQ	3,920	50.8	66.6
Cadmium	7440-43-9	µg/L	**5**	0.050	2.21	2.72	0.178	**7.45**	2.26	0.682	0.317	0.313	2.29	0.376	0.345
Calcium	7440-70-2	µg/L	--	--	47,700	43,800	46,300	80,500	51,800	39,800	9,960	10,400	47,600	66,700	65,300
Copper	7440-50-8	µg/L	**592**	1.45	27.5	14.1	0.500 U	35.7	0.599	0.500 U	0.261 JQ	0.233 JQ	21.8	0.526	0.877
Iron	7439-89-6	µg/L	--	1,000	6,780	360 U	36.0 U	72.0 U	180 U	36.0 U	36.0 U	36.0 U	10,900	69.9 JQ	83.7
Lead	7439-92-1	µg/L	**15.0**	0.169	0.0800 JQ	0.100 U	0.100 U	0.0560 JQ	0.100 U	0.100 U	0.100 U	0.100 U	0.130	0.100 U	0.100 U
Magnesium	7439-95-4	µg/L	--	--	7,110	6,370	7,790	10,600	7,780	5,820	1,580	1,570	8,020	10,500	10,400
Manganese	7439-96-5	µg/L	--	--	1,750	1,060	1.09	5,850	795	40.2	1.47	1.48	545	27.5	27.0
Potassium	7440-09-7	µg/L	--	--	6,580	3,620	2,020	5,660	4,120	2,670	619	619	6,930	4,000	3,930
Sodium	7440-23-5	µg/L	--	--	3,380	3,140	2,890	4,300	3,310	2,650	1,330	1,320	3,770	4,740	4,730
Zinc	7440-66-6	µg/L	**4,800**	13.6	193	217	6.00 U	555	17.1	6.00 U	10.3	10.4	323	6.00 U	6.00 U
Dissolved Metals[4]																
Aluminum	7429-90-5	µg/L	**16,000**	142	--	--	--	--	--	--	--	--	--	7.10 JQ	6.51 JQ
Cadmium	7440-43-9	µg/L	**5.00**	0.050	--	--	--	--	--	--	--	--	--	0.0628 J	0.0908
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	67,300	66,300
Copper	7440-50-8	µg/L	**592**	1.45	--	--	--	--	--	--	--	--	--	0.248 JQ	0.205 JQ
Iron	7439-89-6	µg/L	--	1,000	--	--	--	--	--	--	--	--	--	36.0 U	36.0 U
Lead	7439-92-1	µg/L	**15.0**	0.169	--	--	--	--	--	--	--	--	--	0.100 U	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	10,100	8,040
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	19.5 J	38.1
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	3,860	3,850
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	4,590	4,950
Zinc	7440-66-6	µg/L	**4,800**	13.6	--	--	--	--	--	--	--	--	--	6.00 U	6.00 U
Conventionals																
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	32.5	1.00 U	6.82	12.8	14.5	14.7	1.00 U	32.1	32.6
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	32.5	1.00 U	6.82	12.8	14.5	14.7	1.00 U	32.1	32.6
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloride	16887-00-6	mg/L	--	--	0.184	0.156	0.154	0.177	0.161	0.141	0.389	0.372	0.449	0.577	0.577
Dissolved Organic Carbon	--	mg/L	--	--	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	0.100 UJ	0.100 UJ	0.274 J	0.100 UJ	0.115 J	0.186 J	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	169	133	99.6	246	156	98.8	17.3	16.0	150	157	151
Total Dissolved Solids	--	mg/L	--	--	322	254	214	459	302	202	54	54	280	318	329
Total Suspended Solids	--	mg/L	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5	4	3
Total Organic Carbon	--	mg/L	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hardness, Total	--	mg-$CaCO_3$/L	--	--	148	136	148	245	161	123	31.4	32.5	152	210	206

Table 3.9
Groundwater Results from Monitoring Wells

					Area	Downstream										
					Location [1]	DS-13S	DS-13I	DS-13D	DS-12S	DS-12I	DS-12D	NRC-3SR		NRC-3IR	NRC-3DR	
					Sample Type	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Duplicate
					Sample Date	6/4/2021	6/4/2021	6/4/2021	6/4/2021	6/4/2021	6/4/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021
Analytes	CAS No.	Units	Drinking Water-Based Criteria [2]	Surface Water-Based Criteria [3]												
Field Parameters[5]																
Dissolved Oxygen (DO)	--	mg/L	--	--		1.25	2.84	7	0.55	5.93	7.17	10.97	--	0.25	3.83	--
Ferrous Iron	--	mg/L	--	--		2	0 U	0.5 U	--	0 U	0.5 U	0.5 U	--	3	0.5 U	--
Oxidation-Reduction Potential (ORP)	--	mV	--	--		82	109.5	43.7	120.2	116.8	43.7	56.4	--	133.6	96.8	--
pH	--	pH	--	--		4.79	4.49	6.98	4.48	5.33	6.34	6.7	--	4.22	6.01	--
Specific Conductivity	--	µS/cm	--	--		274.2	326.3	216	551.7	299.9	157.4	80.3	--	392.2	444.7	--
Turbidity	--	ntu	--	--		0.8	0.28	2.41	0.1	0.74	0.16	0.34	--	0.34	9.24	--

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of drinking water-based criteria.

1 Locations are listed from upstream (west) to downstream (east).

2 Drinking water criteria are given in Tables 2 and 11 of the ROD.

3 Surface water criteria given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

4 Field-filtered samples were submitted for dissolved metals analysis for locations where turbidity exceeded or approached 5 NTU.

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.9
Groundwater Results from Monitoring Wells

					Area	Downstream (cont.)									
					Location [1]	DS-3S	DS-3D	DS-4S	DS-4I	DS-4D	DS-4DD	DS-5	DS-9S	DS-9I	DS-9D
					Sample Type	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
					Sample Date	6/9/2021	6/9/2021	6/9/2021	6/9/2021	6/9/2021	6/9/2021	6/10/2021	6/6/2021	6/6/2021	6/6/2021
Analytes	**CAS No.**	**Units**	**Drinking Water-Based Criteria [2]**	**Surface Water-Based Criteria [3]**											
Total Metals															
Aluminum	7429-90-5	µg/L	**16,000**	142	4.23 JQ	22.2	4.40 JQ	6,270	14.5 JQ	15.3 JQ	7.54 JQ	12.4 JQ	4,810	3.90 JQ
Cadmium	7440-43-9	µg/L	**5**	0.050	0.0570	0.0608	0.0674	2.40	0.120	0.158	0.0134 JQ	0.131	2.29	0.154
Calcium	7440-70-2	µg/L	--	--	3,620	4,710	3,940	70,000	5,510	50,600	4,480	7,880	72,400	54,200
Copper	7440-50-8	µg/L	**592**	1.45	0.306 JQ	0.221 JQ	0.318 JQ	32.2	0.500 U	0.193 JQ	0.319 JQ	0.500 U	16.7	0.740
Iron	7439-89-6	µg/L	--	1,000	36.0 U	36.0 U	36.0 U	23,800	36.0 U	18.7 JQ	36.0 U	36.0 U	18,000	36.0 U
Lead	7439-92-1	µg/L	**15.0**	0.169	0.100 U	0.100 U	0.100 U	0.0810 JQ	0.100 U	0.100 U	0.100 U	0.100 U	0.109	0.100 U
Magnesium	7439-95-4	µg/L	--	--	376	508	397	10,600	626	7,590	578	954	10,700	8,820
Manganese	7439-96-5	µg/L	--	--	0.161 JQ	0.560	0.500 U	1,280	2.33	0.562	0.500 U	0.680	1,370	0.312 JQ
Potassium	7440-09-7	µg/L	--	--	381	474	417	7,990	667	2,050	580	748	8,060	2,170
Sodium	7440-23-5	µg/L	--	--	642	825	638	4,430	840	3,120	946	1,180	4,450	3,270
Zinc	7440-66-6	µg/L	**4,800**	13.6	3.78 JQ	4.86 JQ	5.76 JQ	407	10.7	6.00 U	6.00 U	9.48	373	6.00 U
Dissolved Metals[4]															
Aluminum	7429-90-5	µg/L	**16,000**	142	--	--	--	6,720	--	--	--	--	--	--
Cadmium	7440-43-9	µg/L	**5.00**	0.050	--	--	--	2.60	--	--	--	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	77,500	--	--	--	--	--	--
Copper	7440-50-8	µg/L	**592**	1.45	--	--	--	31.9	--	--	--	--	--	--
Iron	7439-89-6	µg/L	--	1,000	--	--	--	19,800	--	--	--	--	--	--
Lead	7439-92-1	µg/L	**15.0**	0.169	--	--	--	0.0860 JQ	--	--	--	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	11,200	--	--	--	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	1,390	--	--	--	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	8,490	--	--	--	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	4,620	--	--	--	--	--	--
Zinc	7440-66-6	µg/L	**4,800**	13.6	--	--	--	444	--	--	--	--	--	--
Conventionals															
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	7.84	8.95	8.14	1.00 U	6.00	35.4	10.5	7.35	1.00 U	33.7
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	7.84	8.95	8.14	1.00 U	6.00	35.4	10.5	7.35	1.00 U	33.7
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloride	16887-00-6	mg/L	--	--	0.133	0.146	0.120	0.354	0.139	0.280	0.121	0.317	0.399	0.296
Dissolved Organic Carbon	--	mg/L	--	--	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.58	0.5 U	0.5 U	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.169 J	0.100 U	0.100 UJ	0.100 UJ	0.167 J
Sulfate	14808-79-8	mg/L	--	--	2.76	4.98	2.58	246	9.26	44.0 J	3.83	13.9	245	108
Total Dissolved Solids	--	mg/L	--	--	27	30	24	499	34	248	34	46	468	258
Total Suspended Solids	--	mg/L	--	--	1 U	1 U	1 U	47	1 U	2	1 U	1 U	1 U	1 U
Total Organic Carbon	--	mg/L	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.54	0.5 U	0.5 U	0.5 U
Hardness, Total	--	mg-$CaCO_3$/L	--	--	10.6	13.8	11.5	218	16.3	158	13.6	23.6	225	172

Table 3.9
Groundwater Results from Monitoring Wells

Area					Downstream (cont.)									
Location [1]					DS-3S	DS-3D	DS-4S	DS-4I	DS-4D	DS-4DD	DS-5	DS-9S	DS-9I	DS-9D
Sample Type					Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Sample Date					6/9/2021	6/9/2021	6/9/2021	6/9/2021	6/9/2021	6/9/2021	6/10/2021	6/6/2021	6/6/2021	6/6/2021
Analytes	CAS No.	Units	Drinking Water-Based Criteria [2]	Surface Water-Based Criteria [3]										
Field Parameters [5]														
Dissolved Oxygen (DO)	--	mg/L	--	--	7.79	7.8	8.93	0.32	10.77	3.28	8.98	9.84	2.8	2.68
Ferrous Iron	--	mg/L	--	--	0.5 U	0.5 U	0.5 U	5	0.5 U	0.5 U	0.5 U	0.5 U	1.5	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	247.5	135.2	253.7	153.9	269.8	153.3	80.6	120	158.5	122.5
pH	--	pH	--	--	5.94	5.85	5.98	4.29	5.64	6.25	6.61	5.62	4.29	6.51
Specific Conductivity	--	µS/cm	--	--	27.2	36.7	27.5	587	44.1	340.9	35.8	54.6	512.6	365.7
Turbidity	--	ntu	--	--	0.63	0.64	0.1	30.5	0.3	3.67	0.39	0.65	0.63	0.69

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of drinking water-based criteria.

1 Locations are listed from upstream (west) to downstream (east).

2 Drinking water criteria are given in Tables 2 and 11 of the ROD.

3 Surface water criteria given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

4 Field-filtered samples were submitted for dissolved metals analysis for locations where turbidity exceeded or approached 5 NTU.

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.10
Groundwater Results from Well Points

			Area	**Downstream Well Points**														
			Location [1]	**SG-7R-WP**			**SG-8-WP**			**SG-9-WP**			**DS-14**			**SG-17-WP**		
			Sample Type	**Field Sample**			**Field Sample**			**Field Sample**			**Field Sample**			**Field Sample**		
			Sample Date	**6/4/2021**			**6/7/2021**			**6/6/2021**			**6/6/2021**			**6/5/2021**		
			Screen Interval (feet bgs)	**3.5-4.0**			**5.0-5.5**			**5.0-5.5**			**9.5-10**			**5.5-6.0**		
Analytes	**CAS No.**	**Units**	**Surface Water-Based Criteria** [2]	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**
Total Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	46.8	--	--	84.6	--	--	29.0	--	--	61.3	--	--	91.2
Cadmium	7440-43-9	µg/L	0.0500	0.0571	**0.148**	**0.0900 JQ**	0.0594	**0.154**	0.0346	0.0701	**0.185**	**0.692**	0.0657	**0.172**	**0.286**	0.0613	**0.160**	**0.621**
Calcium	7440-70-2	µg/L	--	--	--	6,130	--	--	5,750	--	--	10,400	--	--	11,800	--	--	33,000
Copper	7440-50-8	µg/L	1.45	**1.89**	--	0.386 JQ	**1.99**	--	0.463 JQ	**2.43**	--	**3.62**	**2.25**	--	0.513	**2.06**	--	0.881
Iron	7439-89-6	µg/L	**1,000**	--	--	23.0 JQ	--	--	260	--	--	36.0 U	--	--	133	--	--	72.0 U
Lead	7439-92-1	µg/L	0.169	**0.242**	--	0.100 U	**0.258**	--	0.0910 JQ	**0.338**	--	0.100 U	**0.305**	--	0.100 U	**0.271**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	745	--	--	705	--	--	1,350	--	--	1,740	--	--	4,880
Manganese	7439-96-5	µg/L	--	--	--	0.693	--	--	8.35	--	--	101	--	--	16.9	--	--	243
Potassium	7440-09-7	µg/L	--	--	--	523	--	--	559	--	--	1,130	--	--	1,240	--	--	2,440
Sodium	7440-23-5	µg/L	--	--	--	937	--	--	1,070	--	--	1,140	--	--	1,510	--	--	2,560
Zinc	7440-66-6	µg/L	13.6	**17.7**	--	6.00 U	**18.6**	--	6.00 U	**22.7**	--	**50.6**	**21.0**	--	**24.2**	**19.3**	--	**43.3**
Dissolved Metals [5]																		
Aluminum	7429-90-5	µg/L	**142**	--	--	--	--	--	--	--	--	--	--	--	27.3	--	--	--
Cadmium	7440-43-9	µg/L	0.0500	--	--	--	--	--	--	--	--	--	0.0657	**0.172**	**0.222**	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	11,600	--	--	--
Copper	7440-50-8	µg/L	1.45	--	--	--	--	--	--	--	--	--	**2.25**	--	0.604	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	--	--	--	--	--	--	--	--	--	36.0 U	--	--	--
Lead	7439-92-1	µg/L	0.169	--	--	--	--	--	--	--	--	--	**0.305**	--	0.100 U	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	1,670	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	17.5	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	1,200	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	1,440	--	--	--
Zinc	7440-66-6	µg/L	13.6	--	--	--	--	--	--	--	--	--	**21.0**	--	**23.4**	--	--	--
Conventionals																		
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	15.0	--	--	13.0	--	--	3.87	--	--	4.68	--	--	7.84
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	15.0	--	--	13.0	--	--	3.87	--	--	4.68	--	--	7.84
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.189	--	--	0.227	--	--	0.177	--	--	0.684	--	--	0.287
Dissolved Organic Carbon	--	mg/L	--	--	--	0.5 U	--	--	0.59	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	5.96	--	--	5.06	--	--	25.5 J	--	--	27.7 J	--	--	79.9
Total Dissolved Solids	--	mg/L	--	--	--	27	--	--	38 J	--	--	61 J	--	--	69 J	--	--	153
Total Suspended Solids	--	mg/L	--	--	--	1	--	--	33 J	--	--	1 UJ	--	--	14 J	--	--	1 U
Total Organic Carbon	--	mg/L	--	--	--	0.5 U	--	--	0.52	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	18.4	--	--	17.3	--	--	31.4	--	--	36.8	--	--	103

Table 3.10
Groundwater Results from Well Points

Area				Downstream Well Points															
Location [1]				SG-7R-WP			SG-8-WP			SG-9-WP			DS-14			SG-17-WP		
Sample Type				Field Sample			Field Sample			Field Sample			Field Sample			Field Sample		
Sample Date				6/4/2021			6/7/2021			6/6/2021			6/6/2021			6/5/2021		
Screen Interval (feet bgs)				3.5-4.0			5.0-5.5			5.0-5.5			9.5-10			5.5-6.0		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [6]																		
Dissolved Oxygen (DO)	--	mg/L	--	--	--	8.81	--	--	7.83	--	--	6.51	--	--	3.54	--	--	5.37
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	162.2	--	--	99.6	--	--	120	--	--	105	--	--	265.2
pH	--	pH	--	--	--	6.06	--	--	5.74	--	--	5.27	--	--	4.93	--	--	5.6
Specific Conductivity	--	µS/cm	--	--	--	46	--	--	39.8	--	--	78	--	--	84.1	--	--	220
Turbidity	--	ntu	--	--	--	3.48	--	--	3.49	--	--	0.4	--	--	69.3	--	--	0.81

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness-adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the hyporheic zone, the 12-inch porewater hardness at the adjacent porewater sampling cluster, was used for the adjustment. For locations with no adjacent porewater samplers (DS-14), the average of the two closest locations was used (SG-9 and SG-17).

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field-filtered samples were submitted for dissolved metals analysis for locations where turbidity exceeded or approached 5 NTU.

6 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

Abbreviations:

bgs Below ground surface
CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.10
Groundwater Results from Well Points

Area	Downstream Well Points (cont.)														
Location [1]	SG-10-WP						SG-18-WP			SG-11-WP			SG-12R-WP		
Sample Type	Field Sample						Field Sample			Field Sample			Field Sample		
Sample Date	6/5/2021						6/5/2021			6/5/2021			6/7/2021		
Screen Interval (feet bgs)	5.5-5.5						5.4-5.9			5.6-6.1			Screen Interval Not Measured		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals															
Aluminum	7429-90-5	µg/L	**142**	--	--	**7,830**	--	--	18.6 JQ	--	--	62.8	--	--	30.3
Cadmium	7440-43-9	µg/L	0.0500	0.0574	**0.149**	**7.43**	0.1580	**0.446**	**0.231**	0.0571	**0.148**	**0.686**	0.1370	**0.380**	0.00740 JQ
Calcium	7440-70-2	µg/L	--	--	--	95,700	--	--	11,900	--	--	28,700	--	--	14,700
Copper	7440-50-8	µg/L	1.45	**1.91**	--	**42.7**	**6.60**	--	0.905	**1.89**	--	1.01	**5.51**	--	0.303 JQ
Iron	7439-89-6	µg/L	**1,000**	--	--	202	--	--	36.0 U	--	--	341	--	--	48.4
Lead	7439-92-1	µg/L	0.169	**0.244**	--	0.179	**1.250**	--	0.100 U	**0.242**	--	0.0770 JQ	**0.991**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	13,900	--	--	1,260	--	--	4,260	--	--	1,510
Manganese	7439-96-5	µg/L	--	--	--	10,400	--	--	3.33	--	--	4.05	--	--	0.428 JQ
Potassium	7440-09-7	µg/L	--	--	--	8,010	--	--	715	--	--	1,870	--	--	685
Sodium	7440-23-5	µg/L	--	--	--	5,120	--	--	1,110	--	--	2,700	--	--	1,830
Zinc	7440-66-6	µg/L	13.6	**17.8**	--	**619**	**61.0**	--	3.82 JQ	**17.7**	--	**23.3**	**51.0**	--	6.00 U
Dissolved Metals [5]															
Aluminum	7429-90-5	µg/L	**142**	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	µg/L	0.0500	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	µg/L	1.45	--	--	--	--	--	--	--	--	--	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	µg/L	0.169	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	µg/L	13.6	--	--	--	--	--	--	--	--	--	--	--	--
Conventionals															
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	15.8	--	--	24.2	--	--	35.0
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	15.8	--	--	24.2	--	--	35.0
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.397	--	--	0.177	--	--	0.272	--	--	0.247
Dissolved Organic Carbon	--	mg/L	--	--	--	0.53	--	--	0.51	--	--	1.04	--	--	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.150 J	--	--	0.100 UJ	--	--	0.114 J
Sulfate	14808-79-8	mg/L	--	--	--	309	--	--	15.0	--	--	58.4	--	--	9.87 J
Total Dissolved Solids	--	mg/L	--	--	--	560	--	--	54	--	--	145	--	--	76 J
Total Suspended Solids	--	mg/L	--	--	--	1 U	--	--	1 U	--	--	2	--	--	1 UJ
Total Organic Carbon	--	mg/L	--	--	--	0.51	--	--	0.5 U	--	--	0.8	--	--	0.5 U
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	296	--	--	35.0	--	--	89.3	--	--	42.9

Table 3.10
Groundwater Results from Well Points

Area	Downstream Well Points (cont.)														
Location [1]	SG-10-WP						SG-18-WP			SG-11-WP			SG-12R-WP		
Sample Type	Field Sample						Field Sample			Field Sample			Field Sample		
Sample Date	6/5/2021						6/5/2021			6/5/2021			6/7/2021		
Screen Interval (feet bgs)	5.5-5.5						5.4-5.9			5.6-6.1			Screen Interval Not Measured		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [6]															
Dissolved Oxygen (DO)	--	mg/L	--	--	--	0.2	--	--	10.65	--	--	2.33	--	--	8.42
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	188.9	--	--	99.2	--	--	77	--	--	54.7
pH	--	pH	--	--	--	4.31	--	--	6.5	--	--	6.21	--	--	6.73
Specific Conductivity	--	µS/cm	--	--	--	641.6	--	--	77.4	--	--	204.5	--	--	96.7
Turbidity	--	ntu	--	--	--	0.82	--	--	1.04	--	--	3.87	--	--	1.3

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness-adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the hyporheic zone, the 12-inch porewater hardness at the adjacent porewater sampling cluster, was used for the adjustment. For locations with no adjacent porewater samplers (DS-14), the average of the two closest locations was used (SG-9 and SG-17).

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field-filtered samples were submitted for dissolved metals analysis for locations where turbidity exceeded or approached 5 NTU.

6 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

Abbreviations:

bgs	Below ground surface	mg/L	
CAS	Chemical Abstracts Service	mV	
µg/L	Micrograms per liter	NTU	
µS/cm	Microsiemens per centimeter	ROD	
mg-$CaCO_3$/L	Milligrams calcium carbonate per liter		

Qualifiers:

J	Analyte was detected, concentration is considered to be an estimate.
JQ	Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U	Analyte was not detected at the given reporting limit.
UJ	Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.11
Porewater Sampling Results

Area				Background									Downstream Porewater					
Location [1]				RC-6-PW-6			RC-6-PW-12			RC-6-WP-36			SG-7-PW-6			SG-7-PW-12		
Sample Type				Field Sample			Field Sample			Field Sample			Field Sample			Field Sample		
Sample Date				6/5/2021			6/5/2021			6/5/2021			6/7/2021			6/7/2021		
Porewater Sampler Depth (feet bgs)				0.5			1			3			0.5			1		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	21.0	--	--	135	--	--	130	--	--	75.3	--	--	8.80 JQ
Cadmium	7440-43-9	µg/L	0.0500	0.0478	**0.122**	0.0490 JQ	0.0478	**0.122**	0.0870 JQ	0.0478	**0.122**	0.0670 JQ	0.0571	**0.148**	0.0406	0.0571	**0.148**	0.0260
Calcium	7440-70-2	µg/L	--	--	--	3,400	--	--	3,240	--	--	3,410	--	--	4,350	--	--	4,220
Copper	7440-50-8	µg/L	1.45	**1.53**	--	0.683	**1.53**	--	1.16	**1.53**	--	1.09	**1.89**	--	**2.70**	**1.89**	--	1.15 J
Iron	7439-89-6	µg/L	**1,000**	--	--	31.1 JQ	--	--	206	--	--	189	--	--	114	--	--	36.0 U
Lead	7439-92-1	µg/L	0.169	**0.181**	--	0.100 U	**0.181**	--	0.170	**0.181**	--	0.145	**0.242**	--	0.102	**0.242**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	322	--	--	353	--	--	367	--	--	431	--	--	428
Manganese	7439-96-5	µg/L	--	--	--	0.528	--	--	4.53	--	--	3.87	--	--	2.88	--	--	0.500 U
Potassium	7440-09-7	µg/L	--	--	--	325	--	--	328	--	--	337	--	--	408	--	--	422
Sodium	7440-23-5	µg/L	--	--	--	528	--	--	520	--	--	539	--	--	642	--	--	603
Zinc	7440-66-6	µg/L	13.6	**14.3**	--	**33.1**	**14.3**	--	3.55 JQ	**14.3**	--	**26.0**	**17.7**	--	4.25 JQ	**17.7**	--	6.00 U
Dissolved Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	µg/L	0.0500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	µg/L	1.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	µg/L	0.169	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	µg/L	13.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conventionals																		
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	7.62	--	--	7.42	--	--	7.52	--	--	9.77	--	--	8.75
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	7.62	--	--	7.42	--	--	7.52	--	--	9.77	--	--	8.75
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.107	--	--	0.105	--	--	0.106	--	--	0.141	--	--	0.129
Dissolved Organic Carbon	--	mg/L	--	--	--	0.68	--	--	0.65	--	--	0.66	--	--	0.64	--	--	0.62
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.143 J	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	1.76	--	--	1.78	--	--	1.78	--	--	2.75	--	--	2.45
Total Dissolved Solids	--	mg/L	--	--	--	15	--	--	17	--	--	17	--	--	25 J	--	--	28 J
Total Suspended Solids	--	mg/L	--	--	--	1 U	--	--	1 U	--	--	3	--	--	1 UJ	--	--	1 UJ
Total Organic Carbon	--	mg/L	--	--	--	0.65	--	--	0.67	--	--	0.62	--	--	0.6	--	--	0.58
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	9.82	--	--	9.55	--	--	10.0	--	--	12.6	--	--	12.3

Table 3.11
Porewater Sampling Results

Area				Background									Downstream Porewater					
Location [1]				RC-6-PW-6			RC-6-PW-12			RC-6-WP-36			SG-7-PW-6			SG-7-PW-12		
Sample Type				Field Sample			Field Sample			Field Sample			Field Sample			Field Sample		
Sample Date				6/5/2021			6/5/2021			6/5/2021			6/7/2021			6/7/2021		
Porewater Sampler Depth (feet bgs)				0.5			1			3			0.5			1		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [5]																		
Dissolved Oxygen (DO)	--	mg/L	--	--	--	10.86	--	--	11.32	--	--	9.98	--	--	11.36	--	--	9.96
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	92.6	--	--	77.3	--	--	62.2	--	--	154.1	--	--	97.9
pH	--	pH	--	--	--	6.49	--	--	6.18	--	--	6.3	--	--	5.61	--	--	6.17
Specific Conductivity	--	µS/cm	--	--	--	17.1	--	--	16.9	--	--	18.1	--	--	37.9	--	--	28.4
Turbidity	--	ntu	--	--	--	1.27	--	--	2.2	--	--	3.3	--	--	2.22	--	--	0.63

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the hyporheic zone, the 12-inch porewater hardness for each porewater sampling location cluster, was used for the adjustment (note: for SG-8-WP-36 where no sample was collected from the 12-inch depth, the hardness of the sample was used for criteria adjustment).

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Sample volume was not collected for this analysis due to low yield of the sample point.

Abbreviations:

bgs Below ground surface
CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.11
Porewater Sampling Results

Area				Downstream Porewater (cont.)															
Location [1]				SG-7-WP-36						SG-8-WP-36			SG-9-PW-6			SG-9-PW-12		
Sample Type				Field Sample			Field Duplicate			Field Sample			Field Sample			Field Sample		
Sample Date				6/7/2021			6/7/2021			6/7/2021			6/6/2021			6/6/2021		
Porewater Sampler Depth (feet bgs)				3			3			3			0.5			1		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	17.6 JQ	--	--	14.1 JQ	--	--	18.5 JQ	--	--	14.0 JQ	--	--	17.7 JQ
Cadmium	7440-43-9	µg/L	0.0500	0.0571	**0.148**	0.0464	0.0571	**0.148**	0.0354	0.0594	**0.154**	0.0504	0.0701	**0.185**	0.0204	0.0701	**0.185**	0.0304
Calcium	7440-70-2	µg/L	--	--	--	7,400	--	--	7,250	--	--	4,470	--	--	5,740	--	--	5,750
Copper	7440-50-8	µg/L	1.45	**1.89**	--	1.44	**1.89**	--	1.30	**1.99**	--	**5.95**	**2.43**	--	1.34	**2.43**	--	1.47
Iron	7439-89-6	µg/L	**1,000**	--	--	29.7 JQ	--	--	36.0 U	--	--	25.4 JQ	--	--	21.6 JQ	--	--	26.6 JQ
Lead	7439-92-1	µg/L	0.169	**0.242**	--	0.0750 JQ	**0.242**	--	0.0700 JQ	**0.258**	--	0.0780 JQ	**0.338**	--	0.100 U	**0.338**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	893	--	--	880	--	--	441	--	--	535	--	--	530
Manganese	7439-96-5	µg/L	--	--	--	0.503	--	--	0.299 JQ	--	--	0.344 JQ	--	--	0.289 JQ	--	--	0.420 JQ
Potassium	7440-09-7	µg/L	--	--	--	480	--	--	472	--	--	413	--	--	444	--	--	446
Sodium	7440-23-5	µg/L	--	--	--	856	--	--	848	--	--	662	--	--	663	--	--	666
Zinc	7440-66-6	µg/L	13.6	**17.7**	--	4.98 JQ	**17.7**	--	4.51 JQ	**18.6**	--	**24.3**	**22.7**	--	6.00 U	**22.7**	--	3.35 JQ
Dissolved Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	µg/L	0.0500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	µg/L	1.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	µg/L	0.169	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	µg/L	13.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conventionals																		
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	11.2	--	--	10.9	--	--	9.87	--	--	10.2	--	--	8.77
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	11.2	--	--	10.9	--	--	9.87	--	--	8.06	--	--	8.77
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	2.14	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.169	--	--	0.172	--	--	0.124	--	--	0.118	--	--	0.111
Dissolved Organic Carbon	--	mg/L	--	--	--	0.51	--	--	0.5 U	--	--	0.62	--	--	0.64	--	--	0.7
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	9.84 J	--	--	10.0 J	--	--	3.16	--	--	7.52	--	--	7.23
Total Dissolved Solids	--	mg/L	--	--	--	44 J	--	--	44 J	--	--	26 J	--	--	23 J	--	--	31 J
Total Suspended Solids	--	mg/L	--	--	--	1 UJ	--	--	1 UJ	--	--	1 UJ	--	--	1 UJ	--	--	1 UJ
Total Organic Carbon	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.57	--	--	0.59
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	22.2	--	--	21.7	--	--	13.0	--	--	16.5	--	--	16.5

Table 3.11
Porewater Sampling Results

Area				Downstream Porewater (cont.)													
Location [1]				SG-7-WP-36						SG-8-WP-36			SG-9-PW-6			SG-9-PW-12	
Sample Type				Field Sample			Field Duplicate			Field Sample			Field Sample			Field Sample	
Sample Date				6/7/2021			6/7/2021			6/7/2021			6/6/2021			6/6/2021	
Porewater Sampler Depth (feet bgs)				3			3			3			0.5			1	
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [5]																		
Dissolved Oxygen (DO)	--	mg/L	--	--	--	10.08	--	--	--	--	--	9.69	--	--	10.27	--	--	11.03
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	99.7	--	--	--	--	--	133.8	--	--	95.4	--	--	103.6
pH	--	pH	--	--	--	6.32	--	--	--	--	--	6.4	--	--	6.38	--	--	6.43
Specific Conductivity	--	µS/cm	--	--	--	49.2	--	--	--	--	--	34.3	--	--	41.4	--	--	41.1
Turbidity	--	ntu	--	--	--	0.64	--	--	--	--	--	0.83	--	--	0.68	--	--	1.09

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the hyporheic zone, the 12-inch porewater hardness for each porewater sampling location cluster, was used for the adjustment (note: for SG-8-WP-36 where no sample was collected from the 12-inch depth, the hardness of the sample was used for criteria adjustment).

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Sample volume was not collected for this analysis due to low yield of the sample point.

Abbreviations:

bgs Below ground surface
CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.11
Porewater Sampling Results

Area				Downstream Porewater (cont.)													
Location [1]				SG-9-WP-36			SG-17-PW-6			SG-17-PW-12			SG-17-WP-36			SG-10-PW-6	
Sample Type				Field Sample			Field Sample			Field Sample			Field Sample			Field Sample	
Sample Date				6/6/2021			6/5/2021			6/5/2021			6/5/2021			6/5/2021	
Porewater Sampler Depth (feet bgs)				3			0.5			1			3			0.5	
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	15.8 JQ	--	--	62.4	--	--	63.1	--	--	39.7	--	--	**206**
Cadmium	7440-43-9	µg/L	0.0500	0.0701	**0.185**	**0.194**	0.0613	**0.160**	0.0418	0.0613	**0.160**	0.0370	0.0613	**0.160**	0.0602	0.0574	**0.149**	**0.248**
Calcium	7440-70-2	µg/L	--	--	--	10,500	--	--	4,340	--	--	4,720	--	--	4,410	--	--	4,500
Copper	7440-50-8	µg/L	1.45	**2.43**	--	1.73	**2.06**	--	2.04 J	**2.06**	--	1.91	**2.06**	--	1.79	**1.91**	--	**3.16**
Iron	7439-89-6	µg/L	**1,000**	--	--	36.0 U	--	--	66.5	--	--	79.0	--	--	71.2	--	--	203
Lead	7439-92-1	µg/L	0.169	**0.338**	--	0.100 U	**0.271**	--	0.100 U	**0.271**	--	0.100 U	**0.271**	--	0.100 U	**0.244**	--	0.218
Magnesium	7439-95-4	µg/L	--	--	--	1,230	--	--	425	--	--	437	--	--	423	--	--	464
Manganese	7439-96-5	µg/L	--	--	--	15.6	--	--	2.38	--	--	1.61	--	--	8.92	--	--	15.1
Potassium	7440-09-7	µg/L	--	--	--	773	--	--	395	--	--	397	--	--	455	--	--	452
Sodium	7440-23-5	µg/L	--	--	--	972	--	--	606	--	--	601	--	--	596	--	--	589
Zinc	7440-66-6	µg/L	13.6	**22.7**	--	20.9	**19.3**	--	5.89 JQ	**19.3**	--	6.11	**19.3**	--	9.00	**17.8**	--	6.71
Dissolved Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	--	--	--	--	--	--	--	--	--	5.24 JQ	--	--	--
Cadmium	7440-43-9	µg/L	0.0500	--	--	--	--	--	--	--	--	--	0.0613	**0.160**	0.0580	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	3,930	--	--	--
Copper	7440-50-8	µg/L	1.45	--	--	--	--	--	--	--	--	--	**2.06**	--	1.26	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	--	--	--	--	--	--	--	--	--	36.0 U	--	--	--
Lead	7439-92-1	µg/L	0.169	--	--	--	--	--	--	--	--	--	**0.271**	--	0.100 U	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	421	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	8.23	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	456	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	600	--	--	--
Zinc	7440-66-6	µg/L	13.6	--	--	--	--	--	--	--	--	--	**19.3**	--	9.00	--	--	--
Conventionals																		
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	8.34	--	--	7.55	--	--	7.63	--	--	8.14	--	--	8.02
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	8.34	--	--	7.55	--	--	7.63	--	--	8.14	--	--	8.02
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.153	--	--	0.112	--	--	0.109	--	--	0.106	--	--	0.117
Dissolved Organic Carbon	--	mg/L	--	--	--	0.62	--	--	0.71	--	--	0.68	--	--	-- [6]	--	--	0.75
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	18.5 J	--	--	4.42	--	--	4.49	--	--	3.81	--	--	3.95
Total Dissolved Solids	--	mg/L	--	--	--	52 J	--	--	19	--	--	22	--	--	20	--	--	21
Total Suspended Solids	--	mg/L	--	--	--	1 UJ	--	--	1 U	--	--	3	--	--	-- [6]	--	--	3
Total Organic Carbon	--	mg/L	--	--	--	0.5 U	--	--	0.72	--	--	0.61	--	--	-- [6]	--	--	0.79
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	31.2	--	--	12.6	--	--	13.6	--	--	12.8	--	--	13.1

Table 3.11
Porewater Sampling Results

Area				Downstream Porewater (cont.)													
Location [1]				SG-9-WP-36			SG-17-PW-6			SG-17-PW-12			SG-17-WP-36			SG-10-PW-6	
Sample Type				Field Sample			Field Sample			Field Sample			Field Sample			Field Sample	
Sample Date				6/6/2021			6/5/2021			6/5/2021			6/5/2021			6/5/2021	
Porewater Sampler Depth (feet bgs)				3			0.5			1			3			0.5	
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [5]																		
Dissolved Oxygen (DO)	--	mg/L	--	--	--	7.8	--	--	10.57	--	--	10.92	--	--	9.55	--	--	11.52
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	107.3	--	--	128.3	--	--	128.8	--	--	79.4	--	--	100
pH	--	pH	--	--	--	5.86	--	--	6.35	--	--	6.46	--	--	6.55	--	--	6.59
Specific Conductivity	--	µS/cm	--	--	--	69.5	--	--	28.7	--	--	28.4	--	--	30.5	--	--	27.4
Turbidity	--	ntu	--	--	--	0.68	--	--	1.96	--	--	1.21	--	--	15.4	--	--	3.98

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the hyporheic zone, the 12-inch porewater hardness for each porewater sampling location cluster, was used for the adjustment (note: for SG-8-WP-36 where no sample was collected from the 12-inch depth, the hardness of the sample was used for criteria adjustment).

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Sample volume was not collected for this analysis due to low yield of the sample point.

Abbreviations:

bgs Below ground surface
CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.11
Porewater Sampling Results

Area				Downstream Porewater (cont.)													
Location [1]				SG-10-PW-12			SG-10-PW-12			SG-10-WP-36			SG-18-PW-6			SG-18-PW-12		
Sample Type				Field Sample			Field Duplicate			Field Sample			Field Sample			Field Sample		
Sample Date				6/5/2021			6/5/2021			6/5/2021			6/5/2021			6/5/2021		
Porewater Sampler Depth (feet bgs)				1			1			3			0.5			1		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	125	--	--	122	--	--	**7,120**	--	--	36.9	--	--	30.0
Cadmium	7440-43-9	µg/L	0.0500	0.0574	**0.149**	**0.183**	0.0581	**0.151**	**0.219**	0.0574	**0.149**	**5.88**	0.158	**0.446**	0.120	0.158	**0.446**	0.148
Calcium	7440-70-2	µg/L	--	--	--	4,270	--	--	4,320	--	--	73,500	--	--	15,800	--	--	17,200
Copper	7440-50-8	µg/L	1.45	**1.91**	--	**2.22**	**1.93**	--	**5.15**	**1.91**	--	**38.5**	**6.60**	--	0.694	**6.60**	--	0.587
Iron	7439-89-6	µg/L	**1,000**	--	--	131	--	--	132	--	--	**4,250**	--	--	37.7	--	--	36.0 U
Lead	7439-92-1	µg/L	0.169	**0.244**	--	0.136	**0.249**	--	0.145	**0.244**	--	0.147	**1.250**	--	0.100 U	**1.250**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	414	--	--	432	--	--	10,500	--	--	2,160	--	--	2,480
Manganese	7439-96-5	µg/L	--	--	--	9.88	--	--	10.2	--	--	4,680	--	--	1.79	--	--	2.47
Potassium	7440-09-7	µg/L	--	--	--	390	--	--	409	--	--	6,940	--	--	1,180	--	--	1,390
Sodium	7440-23-5	µg/L	--	--	--	606	--	--	598	--	--	4,040	--	--	1,350	--	--	1,540
Zinc	7440-66-6	µg/L	13.6	**17.8**	--	4.41 JQ	**18.1**	--	4.44 JQ	**17.8**	--	**481**	**61.0**	--	8.86	**61.0**	--	14.2
Dissolved Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	µg/L	0.0500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	µg/L	1.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	µg/L	0.169	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	µg/L	13.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conventionals																		
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	7.82	--	--	7.94	--	--	1.00 U	--	--	9.77	--	--	9.57
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	7.82	--	--	7.94	--	--	1.00 U	--	--	9.77	--	--	9.57
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.105	--	--	0.108	--	--	0.362	--	--	0.208	--	--	0.253
Dissolved Organic Carbon	--	mg/L	--	--	--	0.78	--	--	0.7	--	--	0.5 U	--	--	0.54	--	--	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.122 J	--	--	0.132 J
Sulfate	14808-79-8	mg/L	--	--	--	3.95	--	--	4.05	--	--	270	--	--	37.3	--	--	46.4
Total Dissolved Solids	--	mg/L	--	--	--	24	--	--	26	--	--	500	--	--	81	--	--	102
Total Suspended Solids	--	mg/L	--	--	--	1 U	--	--	2	--	--	13	--	--	1 U	--	--	1 U
Total Organic Carbon	--	mg/L	--	--	--	0.88	--	--	0.7	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	12.4	--	--	12.6	--	--	227	--	--	48.4	--	--	53.0

Table 3.11
Porewater Sampling Results

Area				Downstream Porewater (cont.)													
Location [1]				SG-10-PW-12			SG-10-PW-12			SG-10-WP-36			SG-18-PW-6			SG-18-PW-12	
Sample Type				Field Sample			Field Duplicate			Field Sample			Field Sample			Field Sample	
Sample Date				6/5/2021			6/5/2021			6/5/2021			6/5/2021			6/5/2021	
Porewater Sampler Depth (feet bgs)				1			1			3			0.5			1	
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Field Parameters [5]																		
Dissolved Oxygen (DO)	--	mg/L	--	--	--	11.58	--	--	--	--	--	1.53	--	--	8.22	--	--	7.99
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	--	--	--	3	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	102.1	--	--	--	--	--	114.5	--	--	123.3	--	--	113.6
pH	--	pH	--	--	--	6.59	--	--	--	--	--	4.43	--	--	5.77	--	--	5.85
Specific Conductivity	--	µS/cm	--	--	--	26.9	--	--	--	--	--	594.3	--	--	121.3	--	--	130
Turbidity	--	ntu	--	--	--	3.12	--	--	--	--	--	0.82	--	--	1.26	--	--	0.65

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the hyporheic zone, the 12-inch porewater hardness for each porewater sampling location cluster, was used for the adjustment (note: for SG-8-WP-36 where no sample was collected from the 12-inch depth, the hardness of the sample was used for criteria adjustment).

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Sample volume was not collected for this analysis due to low yield of the sample point.

Abbreviations:

bgs Below ground surface
CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.11
Porewater Sampling Results

Area				Downstream Porewater (cont.)											
Location [1]				SG-18-WP-36			SG-11-PW-6			SG-11-PW-12			SG-11-WP-36		
Sample Type				Field Sample			Field Sample			Field Sample			Field Sample		
Sample Date				6/5/2021			6/5/2021			6/5/2021			6/5/2021		
Porewater Sampler Depth (feet bgs)				3			0.5			1			3		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals															
Aluminum	7429-90-5	µg/L	**142**	--	--	**225**	--	--	**210**	--	--	**158**	--	--	107
Cadmium	7440-43-9	µg/L	0.0500	0.158	**0.446**	0.272	0.0571	**0.148**	**0.239**	0.0571	**0.148**	**0.182**	0.0571	**0.148**	0.121
Calcium	7440-70-2	µg/L	--	--	--	13,600	--	--	4,370	--	--	4,200	--	--	5,540
Copper	7440-50-8	µg/L	1.45	**6.60**	--	1.88	**1.89**	--	**4.01**	**1.89**	--	**2.61**	**1.89**	--	**2.46**
Iron	7439-89-6	µg/L	**1,000**	--	--	147	--	--	206	--	--	167	--	--	96.6
Lead	7439-92-1	µg/L	0.169	**1.250**	--	0.0870 JQ	**0.242**	--	**0.265**	**0.242**	--	0.183	**0.242**	--	0.0750 JQ
Magnesium	7439-95-4	µg/L	--	--	--	1,650	--	--	450	--	--	431	--	--	752
Manganese	7439-96-5	µg/L	--	--	--	102	--	--	14.6	--	--	8.96	--	--	6.12
Potassium	7440-09-7	µg/L	--	--	--	931	--	--	414	--	--	376	--	--	633
Sodium	7440-23-5	µg/L	--	--	--	1,270	--	--	596	--	--	560	--	--	961
Zinc	7440-66-6	µg/L	13.6	**61.0**	--	10.4	**17.7**	--	5.29 JQ	**17.7**	--	4.25 JQ	**17.7**	--	5.56 JQ
Dissolved Metals															
Aluminum	7429-90-5	µg/L	**142**	--	--	--	--	--	--	--	--	19.0 JQ	--	--	--
Cadmium	7440-43-9	µg/L	0.0500	--	--	--	--	--	--	0.0571	**0.148**	0.0360	--	--	--
Calcium	7440-70-2	µg/L	--	--	--	--	--	--	--	--	--	3,780	--	--	--
Copper	7440-50-8	µg/L	1.45	--	--	--	--	--	--	**1.89**	--	1.76	--	--	--
Iron	7439-89-6	µg/L	**1,000**	--	--	--	--	--	--	--	--	18.4 JQ	--	--	--
Lead	7439-92-1	µg/L	0.169	--	--	--	--	--	--	**0.242**	--	0.100 U	--	--	--
Magnesium	7439-95-4	µg/L	--	--	--	--	--	--	--	--	--	388	--	--	--
Manganese	7439-96-5	µg/L	--	--	--	--	--	--	--	--	--	4.11	--	--	--
Potassium	7440-09-7	µg/L	--	--	--	--	--	--	--	--	--	342	--	--	--
Sodium	7440-23-5	µg/L	--	--	--	--	--	--	--	--	--	574	--	--	--
Zinc	7440-66-6	µg/L	13.6	--	--	--	--	--	--	**17.7**	--	3.67 JQ	--	--	--
Conventionals															
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	15.3	--	--	7.94	--	--	8.04	--	--	9.87
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	15.3	--	--	7.94	--	--	8.04	--	--	9.87
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.205	--	--	0.102	--	--	0.103	--	--	0.117
Dissolved Organic Carbon	--	mg/L	--	--	--	0.5 U	--	--	0.78	--	--	0.75	--	--	0.57
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.156 J	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	22.9	--	--	3.88	--	--	3.52	--	--	8.31
Total Dissolved Solids	--	mg/L	--	--	--	66	--	--	26	--	--	22	--	--	28
Total Suspended Solids	--	mg/L	--	--	--	2	--	--	11	--	--	6	--	--	7
Total Organic Carbon	--	mg/L	--	--	--	0.54	--	--	0.78	--	--	0.77	--	--	0.59
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	40.7	--	--	12.8	--	--	12.3	--	--	16.9

Table 3.11
Porewater Sampling Results

Area				Downstream Porewater (cont.)											
Location [1]				SG-18-WP-36			SG-11-PW-6			SG-11-PW-12			SG-11-WP-36		
Sample Type				Field Sample			Field Sample			Field Sample			Field Sample		
Sample Date				6/5/2021			6/5/2021			6/5/2021			6/5/2021		
Porewater Sampler Depth (feet bgs)				3			0.5			1			3		
Analytes	**CAS No.**	**Units**	**Surface Water-Based Criteria [2]**	**ROD Hardness-Adjusted Criteria [3]**	**2016 Hardness-Adjusted Criteria [4]**	**Sample Result**	**ROD Hardness-Adjusted Criteria [3]**	**2016 Hardness-Adjusted Criteria [4]**	**Sample Result**	**ROD Hardness-Adjusted Criteria [3]**	**2016 Hardness-Adjusted Criteria [4]**	**Sample Result**	**ROD Hardness-Adjusted Criteria [3]**	**2016 Hardness-Adjusted Criteria [4]**	**Sample Result**
Field Parameters [5]															
Dissolved Oxygen (DO)	--	mg/L	--	--	--	6.67	--	--	11.26	--	--	10.79	--	--	9.36
Ferrous Iron	--	mg/L	--	--	--	0 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	57.8	--	--	164.3	--	--	130.2	--	--	91.6
pH	--	pH	--	--	--	6.29	--	--	5.4	--	--	6.05	--	--	6.2
Specific Conductivity	--	µS/cm	--	--	--	91.2	--	--	30.2	--	--	29.4	--	--	49.2
Turbidity	--	ntu	--	--	--	3.7	--	--	4.28	--	--	5.58	--	--	2.21

Notes:

Results for total and dissolved metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the hyporheic zone, the 12-inch porewater hardness for each porewater sampling location cluster, was used for the adjustment (note: for SG-8-WP-36 where no sample was collected from the 12-inch depth, the hardness of the sample was used for criteria adjustment).

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Sample volume was not collected for this analysis due to low yield of the sample point.

Abbreviations:

bgs	Below ground surface	µS/cm	Microsiemens per centimeter
CAS	Chemical Abstracts Service	mg-$CaCO_3$/L	Milligrams calcium carbonate per liter
µg/L	Micrograms per liter	mg/L	Milligrams per liter

Qualifiers:

J	Analyte was detected, concentration is considered to be an estimate.
JQ	Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U	Analyte was not detected at the given reporting limit.
UJ	Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.12
Seep Sampling Results

			Area	Base of Tailings Pile 1			Base of Tailings Pile 2			Base of Tailings Pile 3								
			Location [1]	SP-33			SP-34			SP-47			SP-50			SP-45		
			Sample Type	Field Sample			Field Sample			Field Sample			Field Sample			Field Sample		
			Sample Date	6/9/2021			6/9/2021			6/7/2021			6/6/2021			6/6/2021		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals																		
Aluminum	7429-90-5	µg/L	**142**	--	--	27.1	--	--	64.8	--	--	113	--	--	**205**	--	--	**335**
Cadmium	7440-43-9	µg/L	0.0500	0.121	**0.334**	0.252	0.073	**0.192**	0.0500	0.070	**0.186**	0.110	0.084	**0.224**	0.144	0.092	**0.249**	0.133
Calcium	7440-70-2	µg/L	--	--	--	12,000	--	--	5,890	--	--	5,610	--	--	7,000	--	--	8,040
Copper	7440-50-8	µg/L	1.45	**4.75**	--	1.83	**2.53**	--	2.28	**2.45**	--	**2.78**	**3.03**	--	**3.64**	**3.41**	--	**5.13**
Iron	7439-89-6	µg/L	**1,000**	--	--	36.9	--	--	526	--	--	400	--	--	653	--	--	**1,210**
Lead	7439-92-1	µg/L	0.169	**0.817**	--	0.100 U	**0.357**	--	0.0630 JQ	**0.341**	--	0.0920 JQ	**0.452**	--	0.0730 JQ	**0.529**	--	0.113
Magnesium	7439-95-4	µg/L	--	--	--	1,480	--	--	637	--	--	623	--	--	933	--	--	1,070
Manganese	7439-96-5	µg/L	--	--	--	2.18	--	--	13.4	--	--	16.5	--	--	47.0	--	--	55.6
Potassium	7440-09-7	µg/L	--	--	--	786	--	--	562	--	--	485	--	--	536	--	--	593
Sodium	7440-23-5	µg/L	--	--	--	2,030	--	--	813	--	--	754	--	--	794	--	--	854
Zinc	7440-66-6	µg/L	13.6	**44.1**	--	25.2	**23.6**	--	6.78	**22.8**	--	16.3	**28.2**	--	19.4	**31.7**	--	23.4
Conventionals																		
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	14.6	--	--	10.6	--	--	8.65	--	--	6.21	--	--	5.51
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	14.6	--	--	10.6	--	--	8.65	--	--	6.21	--	--	5.51
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.529	--	--	0.177	--	--	0.126	--	--	0.129	--	--	0.128
Dissolved Organic Carbon	--	mg/L	--	--	--	0.6	--	--	0.61	--	--	0.52	--	--	0.5 U	--	--	0.5 U
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	19.1 J	--	--	7.34	--	--	7.14	--	--	11.7 J	--	--	14.0
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	36.1	--	--	17.3	--	--	16.6	--	--	21.3	--	--	24.5
Field Parameters [5]																		
Dissolved Oxygen (DO)	--	mg/L	--	--	--	9.16	--	--	10.34	--	--	11.58	--	--	10.22	--	--	10.75
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	218.1	--	--	98.9	--	--	78.8	--	--	130.7	--	--	141
pH	--	pH	--	--	--	6.17	--	--	6.31	--	--	6.47	--	--	5.76	--	--	5.62
Specific Conductivity	--	µS/cm	--	--	--	88.3	--	--	42	--	--	40.2	--	--	58.1	--	--	59.4
Turbidity	--	ntu	--	--	--	0.84	--	--	1.83	--	--	3.19	--	--	3.37	--	--	4.1

Notes:

Results for total metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the individual sample was used for the adjustment.

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per lite
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.12
Seep Sampling Results

Area				**Base of Tailings Pile 3 (cont.)**												
Location [1]				**SP-30**			**SP-48**			**SP-49**						
Sample Type				**Field Sample**			**Field Sample**			**Field Sample**			**Field Duplicate**			
Sample Date				**6/6/2021**			**6/6/2021**			**6/6/2021**			**6/6/2021**			
Analytes	**CAS No.**	**Units**	**Surface Water-Based Criteria** [2]	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**	**ROD Hardness-Adjusted Criteria** [3]	**2016 Hardness-Adjusted Criteria** [4]	**Sample Result**
Total Metals																
Aluminum	7429-90-5	µg/L	**142**	--	--	**358**	--	--	14.5 JQ	--	--	13.3 JQ	--	--	11.2 JQ
Cadmium	7440-43-9	µg/L	0.0500	0.096	**0.260**	0.254	0.080	**0.213**	0.0160 JQ	0.077	**0.205**	0.0226	0.078	**0.208**	0.108 JQ
Calcium	7440-70-2	µg/L	--	--	--	8,560	--	--	6,680	--	--	6,340	--	--	6,460
Copper	7440-50-8	µg/L	1.45	**3.58**	--	**6.57**	**2.86**	--	0.899	**2.73**	--	0.767	**2.78**	--	0.708
Iron	7439-89-6	µg/L	**1,000**	--	--	**1,230**	--	--	36.0 U	--	--	46.5	--	--	31.7 JQ
Lead	7439-92-1	µg/L	0.169	**0.563**	--	0.0890 JQ	**0.418**	--	0.100 U	**0.394**	--	0.100 U	**0.404**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	1,110	--	--	792	--	--	735	--	--	760
Manganese	7439-96-5	µg/L	--	--	--	75.0	--	--	0.294 JQ	--	--	2.91 J	--	--	1.43
Potassium	7440-09-7	µg/L	--	--	--	580	--	--	735	--	--	749	--	--	767
Sodium	7440-23-5	µg/L	--	--	--	841	--	--	942	--	--	950	--	--	964
Zinc	7440-66-6	µg/L	13.6	**33.3**	--	**34.4**	**26.6**	--	6.00 U	**25.5**	--	6.00 U	**25.9**	--	6.00 U
Conventionals																
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	4.59	--	--	14.3	--	--	13.8	--	--	14.0
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	4.59	--	--	14.3	--	--	13.8	--	--	14.0
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.129	--	--	0.100 U	--	--	0.135	--	--	0.147
Dissolved Organic Carbon	--	mg/L	--	--	--	0.5 U	--	--	0.62	--	--	0.92	--	--	0.87
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	17.7	--	--	5.71	--	--	5.11	--	--	5.26
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	25.9	--	--	19.9	--	--	18.9	--	--	19.3
Field Parameters [5]																
Dissolved Oxygen (DO)	--	mg/L	--	--	--	-- [6]	--	--	9.27	--	--	8.27	--	--	--
Ferrous Iron	--	mg/L	--	--	--	1	--	--	0.5 U	--	--	0.5 U	--	--	--
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	74.1	--	--	147.6	--	--	129.5	--	--	--
pH	--	pH	--	--	--	6.13	--	--	5.85	--	--	6.06	--	--	--
Specific Conductivity	--	µS/cm	--	--	--	50.1	--	--	46.1	--	--	44.7	--	--	--
Turbidity	--	ntu	--	--	--	3.39	--	--	2.16	--	--	0.79	--	--	--

Notes:

Results for total metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the individual sample was used for the adjustment.

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

6 Field notes indicated the probe was noted as not working properly; no readings were available.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per lite
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 3.13
Wetlands Surface Water Sampling Results

			Area	Borrow Area Runoff Surface Water			Wetlands East of Tailings Pile 3 Surface Water					
			Location [1]	SW-STP3			SW-TP3-East1			SW-TP3-East2		
			Sample Type	Field Sample			Field Sample			Field Sample		
			Sample Date	6/6/2021			6/6/2021			6/6/2021		
Analytes	**CAS No.**	**Units**	**Surface Water-Based Criteria [2]**	**ROD Hardness-Adjusted Criteria [3]**	**2016 Hardness-Adjusted Criteria [4]**	**Sample Result**	**ROD Hardness-Adjusted Criteria [3]**	**2016 Hardness-Adjusted Criteria [4]**	**Sample Result**	**ROD Hardness-Adjusted Criteria [3]**	**2016 Hardness-Adjusted Criteria [4]**	**Sample Result**
Total Metals												
Aluminum	7429-90-5	µg/L	**142**	--	--	25.7	--	--	22.6	--	--	**1,120**
Cadmium	7440-43-9	µg/L	0.0500	0.0751	**0.199**	0.0116 JQ	0.112	**0.305**	**0.350 JQ**	0.165	**0.466**	**0.574**
Calcium	7440-70-2	µg/L	--	--	--	6,130	--	--	10,700	--	--	18,400
Copper	7440-50-8	µg/L	1.45	**2.65**	--	0.443 JQ	**4.30**	--	1.63	**6.95**	--	**11.4**
Iron	7439-89-6	µg/L	**1,000**	--	--	23.4 JQ	--	--	71.6	--	--	**2,380**
Lead	7439-92-1	µg/L	0.169	**0.378**	--	0.0790 JQ	**0.716**	--	0.100 U	**1.34**	--	0.0780 JQ
Magnesium	7439-95-4	µg/L	--	--	--	692	--	--	1,280	--	--	2,510
Manganese	7439-96-5	µg/L	--	--	--	0.736	--	--	12.7	--	--	368
Potassium	7440-09-7	µg/L	--	--	--	525	--	--	934	--	--	1,620
Sodium	7440-23-5	µg/L	--	--	--	714	--	--	1,020	--	--	1,620
Zinc	7440-66-6	µg/L	13.6	**24.7**	--	6.00 U	**39.9**	--	9.68	**64.2**	--	**74.5**
Conventionals												
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	--	--	--	14.3	--	--	1.94
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	--	--	--	14.3	--	--	1.94
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	--	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	--	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.100 U	--	--	0.100 U	--	--	0.103
Dissolved Organic Carbon	--	mg/L	--	--	--	--	--	--	1.21	--	--	0.56
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.100 UJ	--	--	0.100 UJ	--	--	0.100 UJ
Sulfate	14808-79-8	mg/L	--	--	--	3.46	--	--	14.1	--	--	49.1
Total Dissolved Solids	--	mg/L	--	--	--	--	--	--	48	--	--	106
Total Suspended Solids	--	mg/L	--	--	--	--	--	--	1 U	--	--	5
Total Organic Carbon	--	mg/L	--	--	--	--	--	--	1.16	--	--	0.71
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	18.2	--	--	32.1	--	--	56.3
Field Parameters [5]												
Dissolved Oxygen (DO)	--	mg/L	--	--	--	11.86	--	--	11.54	--	--	7.63
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	1.5
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	133	--	--	111.3	--	--	132.6
pH	--	pH	--	--	--	6.09	--	--	5.74	--	--	5.16
Specific Conductivity	--	µS/cm	--	--	--	40.3	--	--	70.1	--	--	150
Turbidity	--	ntu	--	--	--	1.12	--	--	0.96	--	--	2.55

Notes:

Results for total metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the individual sample was used for the adjustment.

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per liter
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table 4.1
West Seeps Results

			Area	West Area Seeps																	
			Location [1]	SP-14A			SP-12 West			SP-12 East			SP-41			SP-42			SP-43		
			Sample Type	Field Sample			Field Sample			Field Sample			Field Sample			Field Sample			Field Sample		
			Sample Date	6/9/2021			6/7/2021			6/9/2021			6/9/2021			6/9/2021			6/9/2021		
Analytes	CAS No.	Units	Surface Water-Based Criteria [2]	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result	ROD Hardness-Adjusted Criteria [3]	2016 Hardness-Adjusted Criteria [4]	Sample Result
Total Metals																					
Aluminum	7429-90-5	µg/L	**142**	--	--	**5,630**	--	--	**424**	--	--	**451**	--	--	**391**	--	--	**1,510**	--	--	**3,030**
Cadmium	7440-43-9	µg/L	0.05	0.106	**0.289**	**22.0**	0.0742	**0.197**	**7.38**	0.0991	**0.269**	**9.83**	0.123	**0.340**	**13.0**	0.108	**0.294**	**20.2**	0.127	**0.352**	**29.9**
Calcium	7440-70-2	µg/L	--	--	--	9,320	--	--	5,740	--	--	8,600	--	--	11,600	--	--	8,220	--	--	10,200
Copper	7440-50-8	µg/L	1.45	**4.05**	--	**5,690**	**2.61**	--	**966**	**3.72**	--	**1,340**	**4.85**	--	**2,030**	**4.11**	--	**3,060**	**5.05**	--	**4,840**
Iron	7439-89-6	µg/L	**1,000**	--	--	45.9 JQ	--	--	360 U	--	--	360 U	--	--	360 U	--	--	72.0 U	--	--	127
Lead	7439-92-1	µg/L	0.169	**0.662**	--	0.0540 JQ	**0.371**	--	0.100 U	**0.592**	--	0.100 U	**0.840**	--	0.100 U	**0.676**	--	0.100 U	**0.886**	--	0.100 U
Magnesium	7439-95-4	µg/L	--	--	--	1,610	--	--	863	--	--	1,380	--	--	1,960	--	--	2,420	--	--	3,240
Manganese	7439-96-5	µg/L	--	--	--	88.6	--	--	28.5	--	--	37.0	--	--	49.4	--	--	122	--	--	174
Potassium	7440-09-7	µg/L	--	--	--	949	--	--	905	--	--	1,280	--	--	1,600	--	--	1,440	--	--	1,610
Sodium	7440-23-5	µg/L	--	--	--	1,040	--	--	1,140	--	--	1,600	--	--	2,030	--	--	1,880	--	--	2,050
Zinc	7440-66-6	µg/L	13.6	**37.6**	--	**2,750**	**24.3**	--	**1,010**	**34.6**	--	**1,290**	**45.0**	--	**1,660**	**38.2**	--	**2,840**	**46.9**	--	**4,150**
Conventionals																					
Alkalinity, Total	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Bicarbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Carbonate	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Alkalinity, Hydroxide	--	mg-$CaCO_3$/L	--	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U	--	--	1.00 U
Chloride	16887-00-6	mg/L	--	--	--	0.100 U	--	--	0.100 U	--	--	0.141	--	--	0.191	--	--	0.181	--	--	0.195
Dissolved Organic Carbon	--	mg/L	--	--	--	0.51	--	--	0.50 U	--	--	0.50 U	--	--	0.50 U	--	--	0.60	--	--	0.68
Nitrate (as Nitrogen)	14797-55-8	mg/L	--	--	--	0.187 J	--	--	0.219 J	--	--	0.263 J	--	--	0.281 J	--	--	0.371 J	--	--	0.381 J
Sulfate	14808-79-8	mg/L	--	--	--	57.8 J	--	--	16.0 J	--	--	28.0 J	--	--	39.0 J	--	--	36.3 J	--	--	57.5 J
Hardness, Total	--	mg-$CaCO_3$/L	--	--	--	29.9	--	--	17.9	--	--	27.1	--	--	37.0	--	--	30.5	--	--	38.8
Field Parameters [5]																					
Dissolved Oxygen (DO)	--	mg/L	--	--	--	13.98	--	--	12.3	--	--	11.78	--	--	10.75	--	--	11.18	--	--	11.8
Ferrous Iron	--	mg/L	--	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U	--	--	0.5 U
Oxidation-Reduction Potential (ORP)	--	mV	--	--	--	278.3	--	--	274.2	--	--	265.7	--	--	256.1	--	--	257.5	--	--	263.6
pH	--	pH	--	--	--	4.06	--	--	4.65	--	--	4.91	--	--	5.03	--	--	4.42	--	--	4.15
Specific Conductivity	--	µS/cm	--	--	--	168.2	--	--	57	--	--	85.2	--	--	107.3	--	--	125.8	--	--	163.3
Turbidity	--	ntu	--	--	--	0.82	--	--	0.47	--	--	0.64	--	--	0.41	--	--	0.47	--	--	0.68

Notes:

Results for total metals and conventionals are presented to three significant figures. Results for field parameters are presented to the significant figures indicated by the field meter.

-- Not applicable/available or not analyzed.

RED/BOLD Detected exceedance of applicable criteria (applicable criteria presented in **bold**).

1 Locations are listed from upstream (west) to downstream (east).

2 Surface water criteria for cadmium, copper, lead, and zinc given in Tables 3 and 11 of the ROD are presented for reference only. Reference criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

3 For cadmium, copper, lead, and zinc, criteria are presented that are adjusted for hardness for each sample, in accordance with with Table 3 of the ROD. The cadmium criteria, adjusted in accordance with the U.S. Environmental Protection Agency National Recommended Water Quality Criteria (NRWQC) last updated in 2001, is presented for reference only. Cadmium results are compared to the 2016 hardness adjusted criteria. Copper, lead, and zinc were adjusted based on Washington Administrative Code Chapter 173-201A (accessed at https://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A-240). The hardness of the individual sample was used for the adjustment.

4 Cadmium criteria adjusted for hardness using the current (updated 2016) NRWQC hardness correction formula (accessed at https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#b).

5 Field measurements collected with YSI Quatro water quality instrument and Hach 2100Q turbidimeter during sampling. Ferrous iron measured with a Hach iron test kit, Model IR-18C, 0-10 mg/L.

Abbreviations:

CAS Chemical Abstracts Service
µg/L Micrograms per liter
µS/cm Microsiemens per centimeter
mg-$CaCO_3$/L Milligrams calcium carbonate per lite
mg/L Milligrams per liter
mV Millivolts
NTU Nephelometric turbidity units
ROD Record of Decision

Qualifiers:

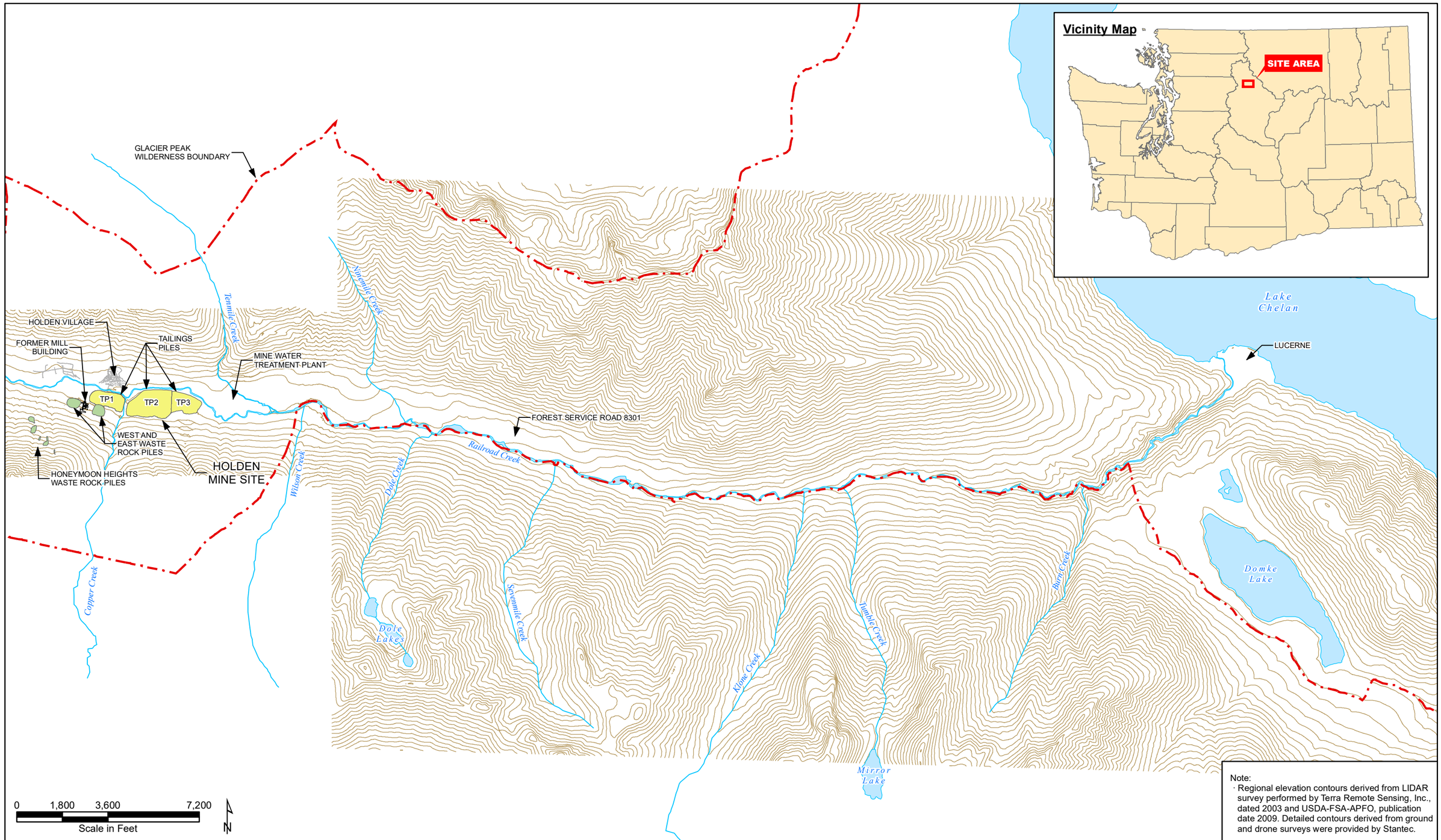
J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.

Holden Mine Site

PSV 2021 Spring Event
Data Report

Figures

DRAFT



Note:
· Regional elevation contours derived from LIDAR survey performed by Terra Remote Sensing, Inc., dated 2003 and USDA-FSA-APFO, publication date 2009. Detailed contours derived from ground and drone surveys were provided by Stantec.

FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Data Report
Holden Mine Site
Chelan County, Washington

Figure 1.1
Site Location Map

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 1.1 Site Location Map.mxd
8/5/2021

Legend

- Surface Water Sampling Location
- West Area Seeps Collection Trench
- Approximate Location of Subsurface Barrier Wall
- Seep Survey Zone
- West Area Seeps Survey Zone
- Waste Management Area
- Portal
- Surface Water Flow Direction
- 100-foot Elevation Index Contour

Sample Key

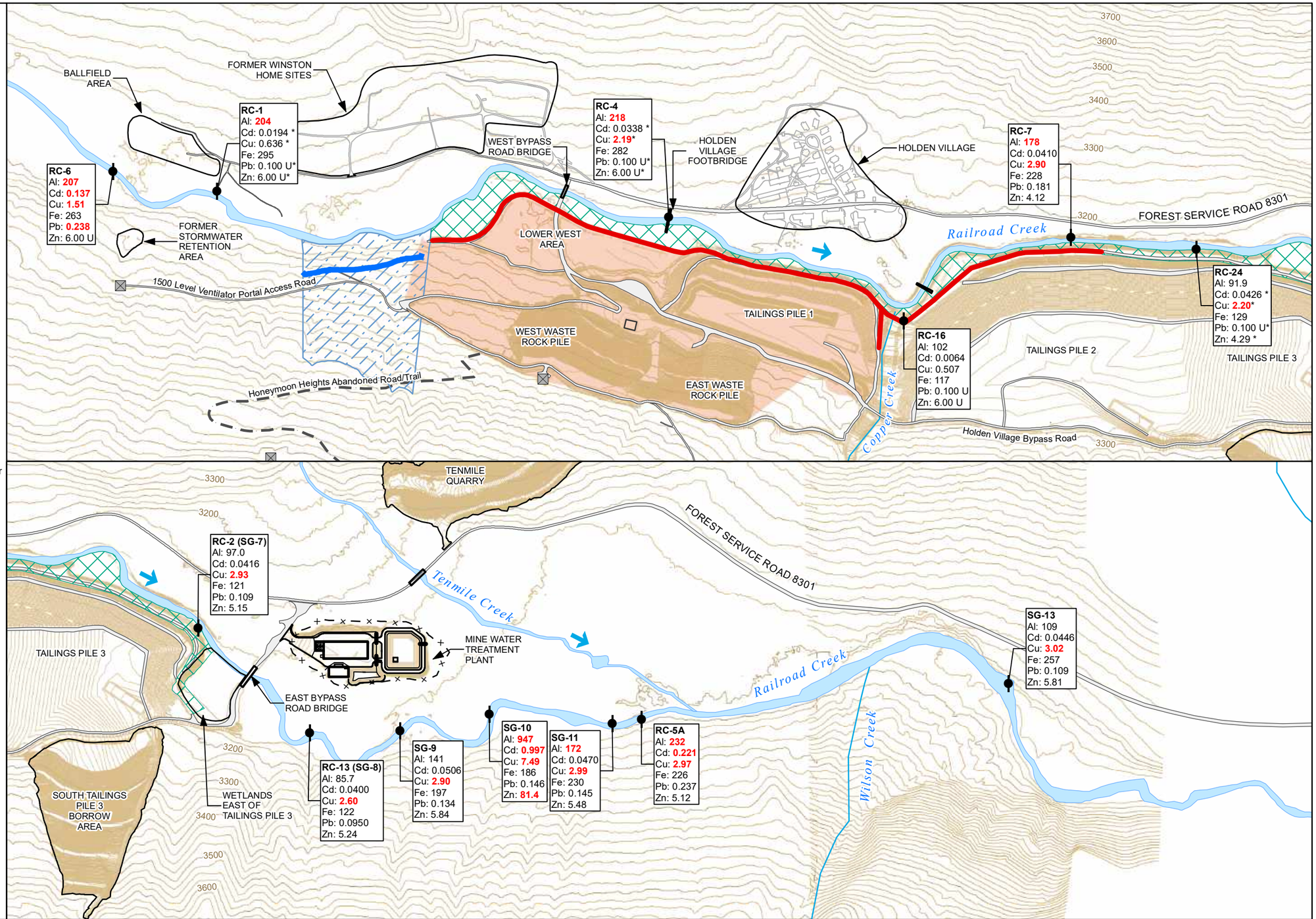
Location ID → **RC-6**
Analyte → Zn: 6.00 U ← Result and Qualifier

Notes:
* Dissolved metals results presented; turbidity was measured to be 5 NTU or greater.
· All results presented in µg/L.
· Total metals results are presented, except where noted by an asterisk.
· Results presented in **RED** indicate an exceedance of applicable criteria. Surface water results are compared to criteria for surface water and groundwater discharging to surface water, which are hardness-adjusted for copper, lead, and zinc, based on ARARs in ROD Table 3. Cadmium results are compared to the National Recommended Water Quality Criteria (NRWQC) hardness-adjusted freshwater chronic criteria for protection of aquatic organisms, the ROD Table 3 ARAR that was updated by USEPA in 2016.
· For locations where field duplicates were collected, the maximum concentration between the parent and duplicate sample is shown as the result.
· Regional elevation contours derived from LIDAR survey performed by Terra Remote Sensing, Inc., dated 2003 and USDA-FSA-APFO, publication date 2009. Detailed contours derived from ground and drone surveys were provided by Stantec. Contours are shown in feet above mean sea level.

Abbreviations:
Al = Aluminum
ARAR = Applicable or Relevant and Appropriate Requirement
Cd = Cadmium
COC = Contaminant of concern
Cu = Copper
Fe = Iron
µg/L = Micrograms per liter
NTU = Nephelometric turbidity units
Pb = Lead
ROD = Record of Decision
USEPA = U.S. Environmental Protection Agency
Zn = Zinc

Qualifier:
U Analyte was not detected at the given reporting limit.

0 300 600 1,200
Scale in Feet

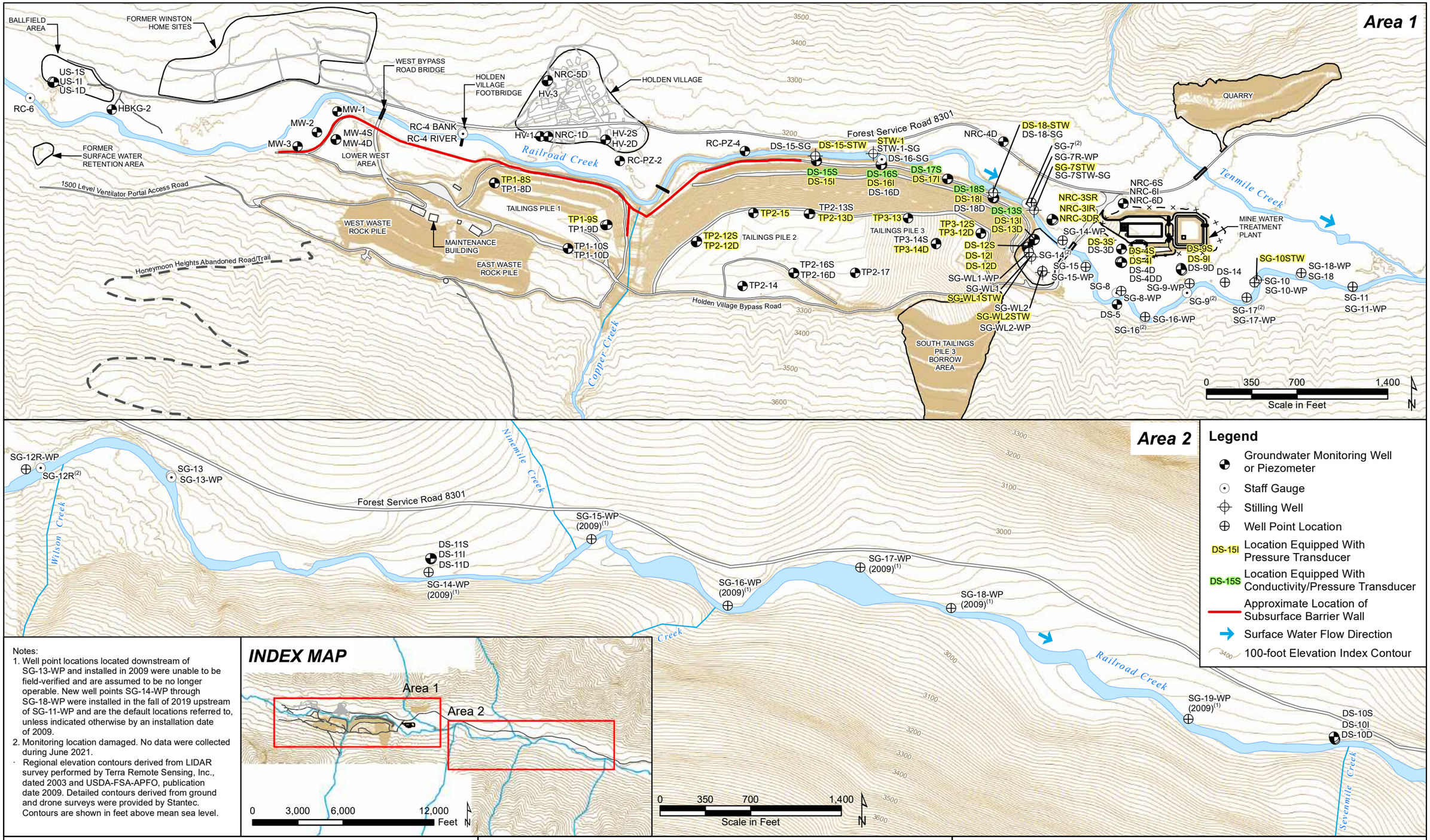


FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Data Report
Holden Mine Site
Chelan County, Washington

Figure 2.1
COC Results from Railroad Creek Surface Water Locations (Spring 2021)

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 2.1 COC Results from Surface Water Locations (Spring 2021).mxd
8/18/2021



Notes:
1. Well point locations located downstream of SG-13-WP and installed in 2009 were unable to be field-verified and are assumed to be no longer operable. New well points SG-14-WP through SG-18-WP were installed in the fall of 2019 upstream of SG-11-WP and are the default locations referred to, unless indicated otherwise by an installation date of 2009.
2. Monitoring location damaged. No data were collected during June 2021.

· Regional elevation contours derived from LIDAR survey performed by Terra Remote Sensing, Inc., dated 2003 and USDA-FSA-APFO, publication date 2009. Detailed contours derived from ground and drone surveys were provided by Stantec. Contours are shown in feet above mean sea level.

FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.1
Monitoring Well, Well Point, Staff Gauge, and Stilling Well Inventory Map

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 3.1 MW, WP, SG, and STW Inventory Map.mxd
8/18/2021

Legend

- Groundwater Monitoring Well
- Staff Gauge
- Stilling Well
- Vibrating Wire Piezometer(1)
- Well Point Location
- Potentiometric Surface Contour (feet amsl)
- Approximate Location of Subsurface Barrier Wall
- Surface Water Flow Direction
- 100-foot Elevation Index Contour

Notes:
1. VWP data are based on the elevation of the installed instrument and are not directly calibrated to water level elevation, so the head measurement accuracy relative to the vertical datum may be less than the 0.01-foot accuracy typical for manual water levels.
2. Location not used for contouring.
- Even-numbered VWPs are located south of the barrier wall. Odd-numbered VWPs are on the north side of the barrier wall, except BW-VWP-75, which is located between the wing section of the barrier wall and Copper Creek.
- Water level and VWP measurements were collected June 4, 2021 unless otherwise noted.
- Groundwater elevations shown in feet amsl (HMVD).
- Elevation contours provided by Stantec. Contours are shown in feet amsl.

Abbreviations:
amsl = Above mean sea level
HMVD = Holden Mine Vertical Datum
VWP = Vibrating wire piezometer

0 325 650 1,300
Scale in Feet

N

FLOYD | SNIDER
strategy • science • engineering

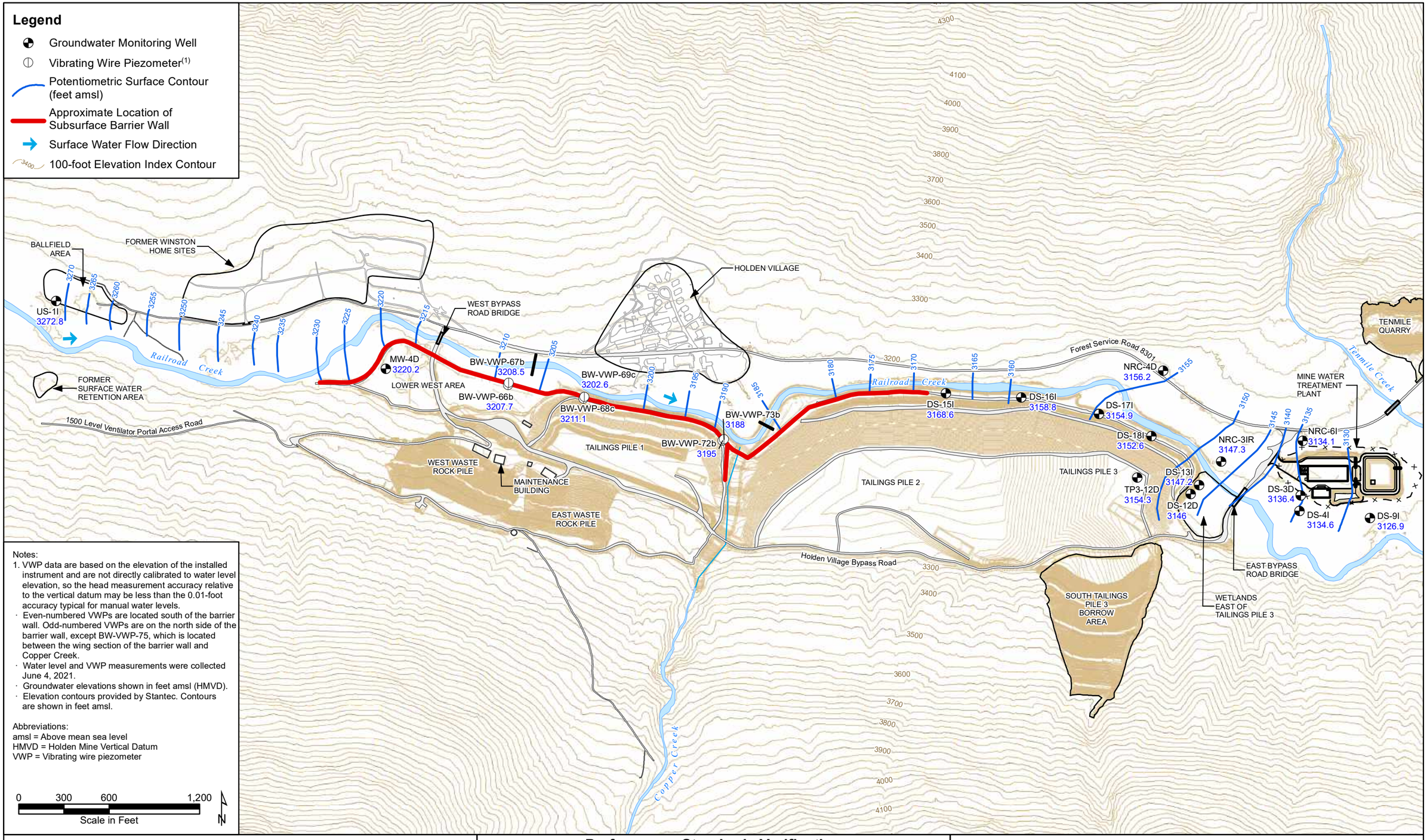
Performance Standards Verification
2021 Spring Event Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.2
Potentiometric Surface—Shallow Zone (Spring 2021)

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 3.2 Potentiometric Surface—Shallow Zone (Spring 2021).mxd
8/9/2021

Legend

- Groundwater Monitoring Well
- Vibrating Wire Piezometer(1)
- Potentiometric Surface Contour (feet amsl)
- Approximate Location of Subsurface Barrier Wall
- Surface Water Flow Direction
- 100-foot Elevation Index Contour



Notes:
1. VWP data are based on the elevation of the installed instrument and are not directly calibrated to water level elevation, so the head measurement accuracy relative to the vertical datum may be less than the 0.01-foot accuracy typical for manual water levels.
- Even-numbered VWPs are located south of the barrier wall. Odd-numbered VWPs are on the north side of the barrier wall, except BW-VWP-75, which is located between the wing section of the barrier wall and Copper Creek.
- Water level and VWP measurements were collected June 4, 2021.
- Groundwater elevations shown in feet amsl (HMVD).
- Elevation contours provided by Stantec. Contours are shown in feet amsl.

Abbreviations:
amsl = Above mean sea level
HMVD = Holden Mine Vertical Datum
VWP = Vibrating wire piezometer

0 300 600 1,200
Scale in Feet

N

FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Event Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.3
Potentiometric Surface—Intermediate Zone (Spring 2021)

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 3.3 Potentiometric Surface—Intermediate Zone (Spring 2021).mxd
8/5/2021

Legend

- Groundwater Monitoring Well
- Vibrating Wire Piezometer(1)
- Potentiometric Surface Contour (feet amsl)
- Approximate Location of Subsurface Barrier Wall
- Surface Water Flow Direction
- 3400 — 100-foot Elevation Index Contour

Notes:
1. VWP data are based on the elevation of the installed instrument and are not directly calibrated to water level elevation, so the head measurement accuracy relative to the vertical datum may be less than the 0.01-foot accuracy typical for manual water levels.
- Even-numbered VWPs are located south of the barrier wall. Odd-numbered VWPs are on the north side of the barrier wall, except BW-VWP-75, which is located between the wing section of the barrier wall and Copper Creek.
- Water level and VWP measurements were collected June 4, 2021.
- Groundwater elevations shown in feet amsl (HMVD).
- Elevation contours provided by Stantec. Contours are shown in feet amsl.

Abbreviations:
amsl = Above mean sea level
HMVD = Holden Mine Vertical Datum
VWP = Vibrating wire piezometer

0 300 600 1,200
Scale in Feet

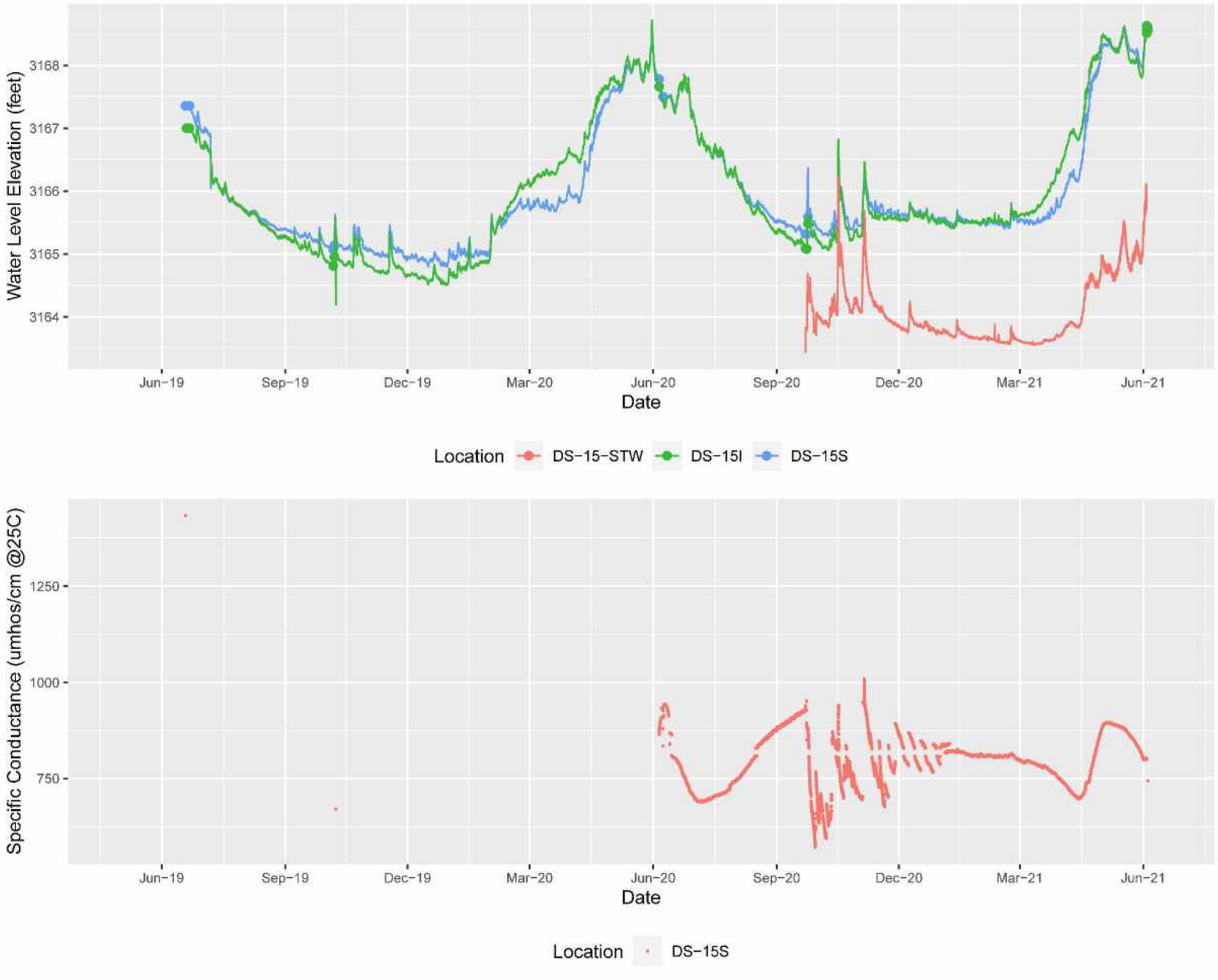
N

FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Event Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.4
Potentiometric Surface—Deep Zone (Spring 2021)

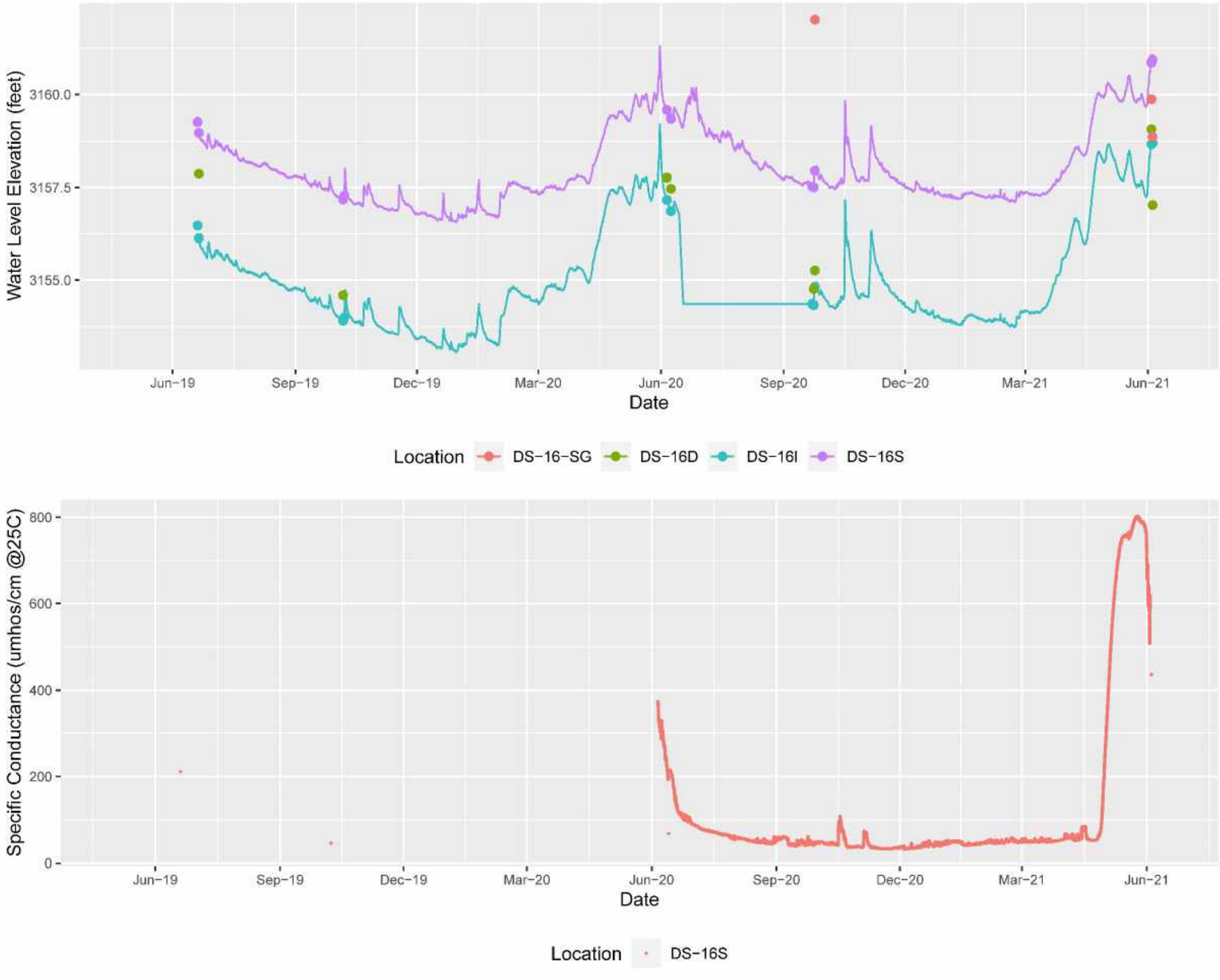
I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 3.4 Potentiometric Surface—Deep Zone (Spring 2021).mxd
8/5/2021



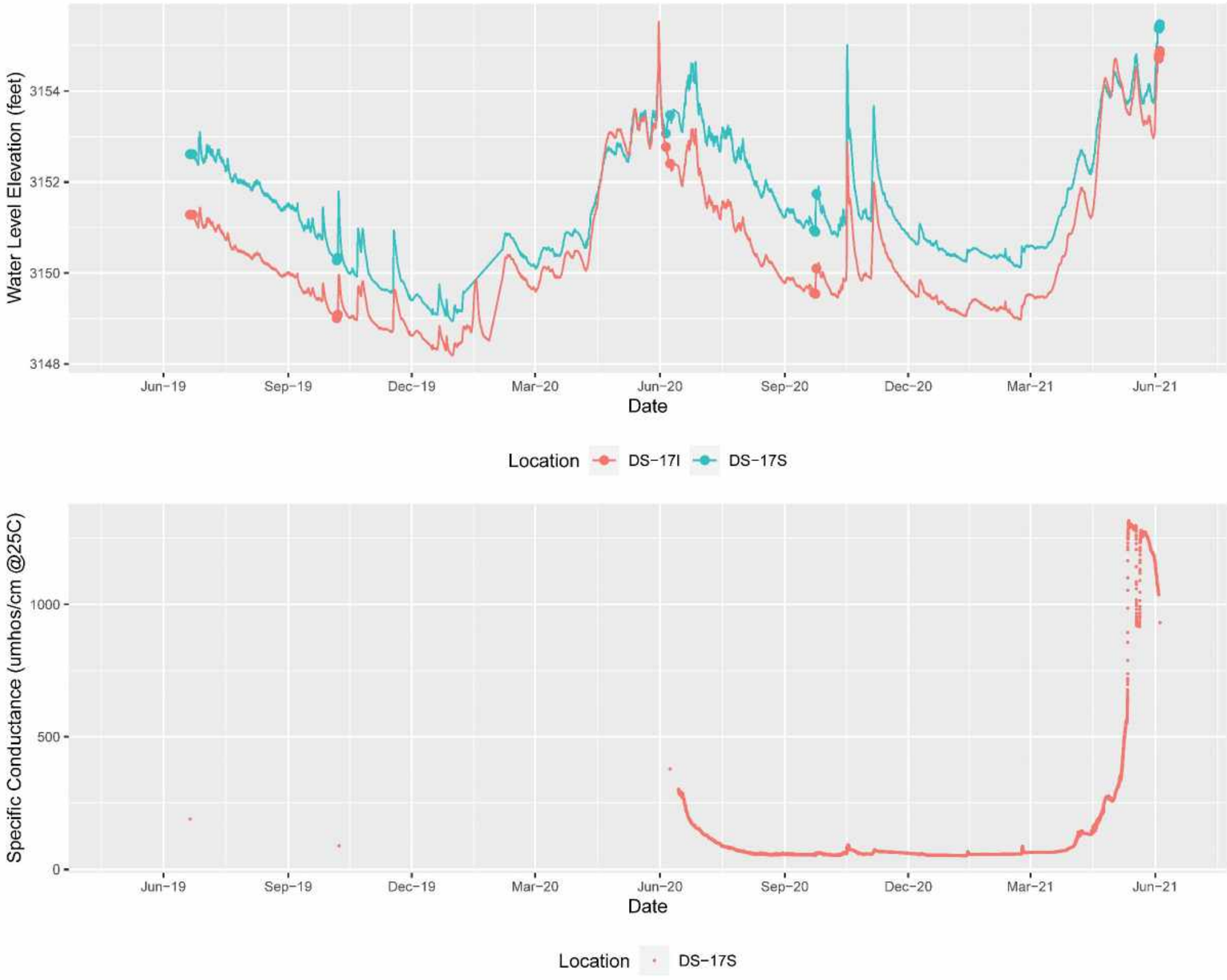
FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
Spring 2021 Event Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.5
Hydrograph of DS-15S, DS-15I, and DS-15-STW
(June 2019 – June 2021) Showing DS-15S Conductivity
(June 2020 – June 2021)



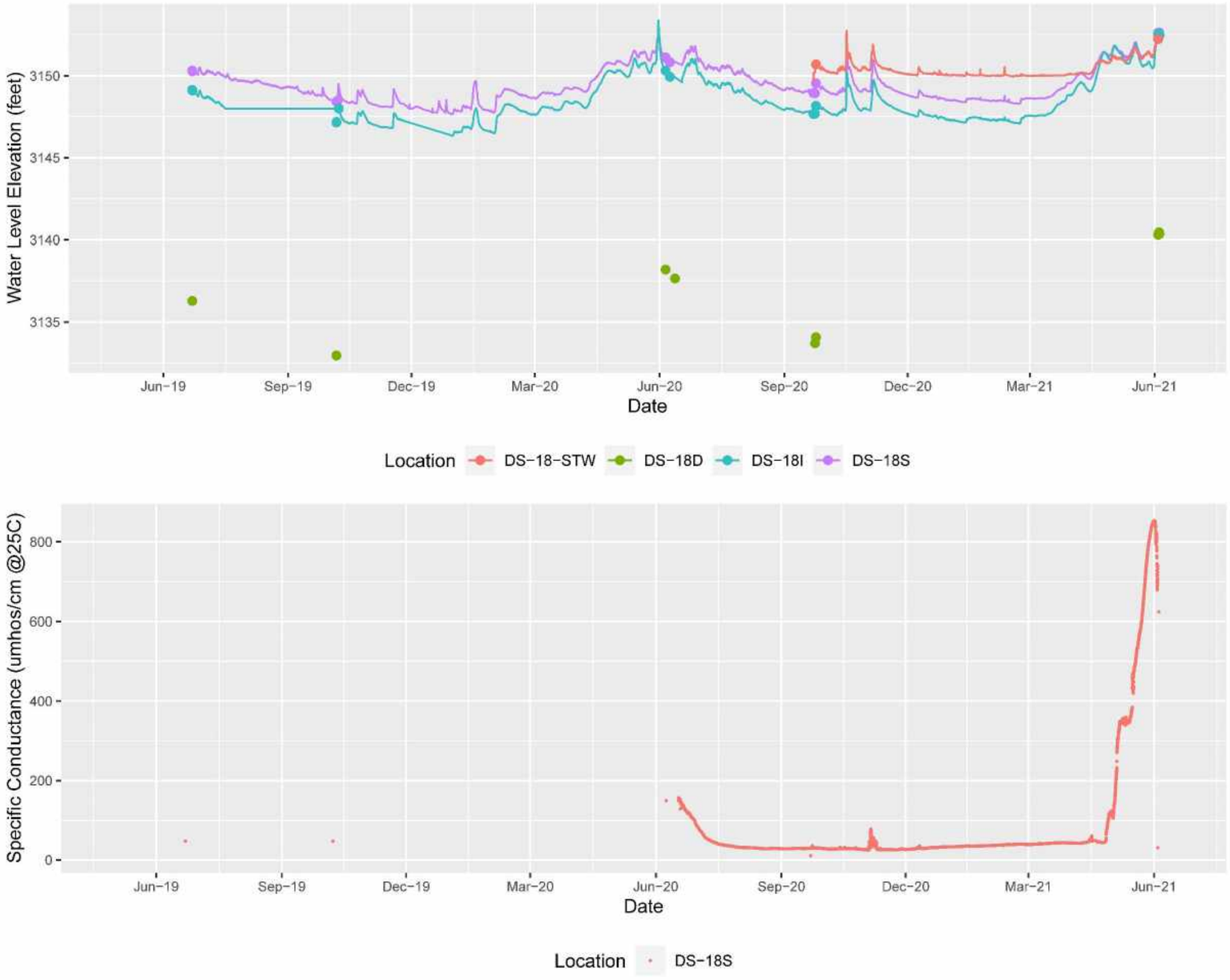
FLOYD | SNIDER strategy ▪ science ▪ engineering	**Performance Standards Verification** **Spring 2021 Event Data Report** **Holden Mine Site** **Chelan County, Washington**	Figure 3.6 Hydrograph of DS-16S and DS-16I (June 2019 – June 2021) Showing DS-16S Conductivity (June 2020 – June 2021)



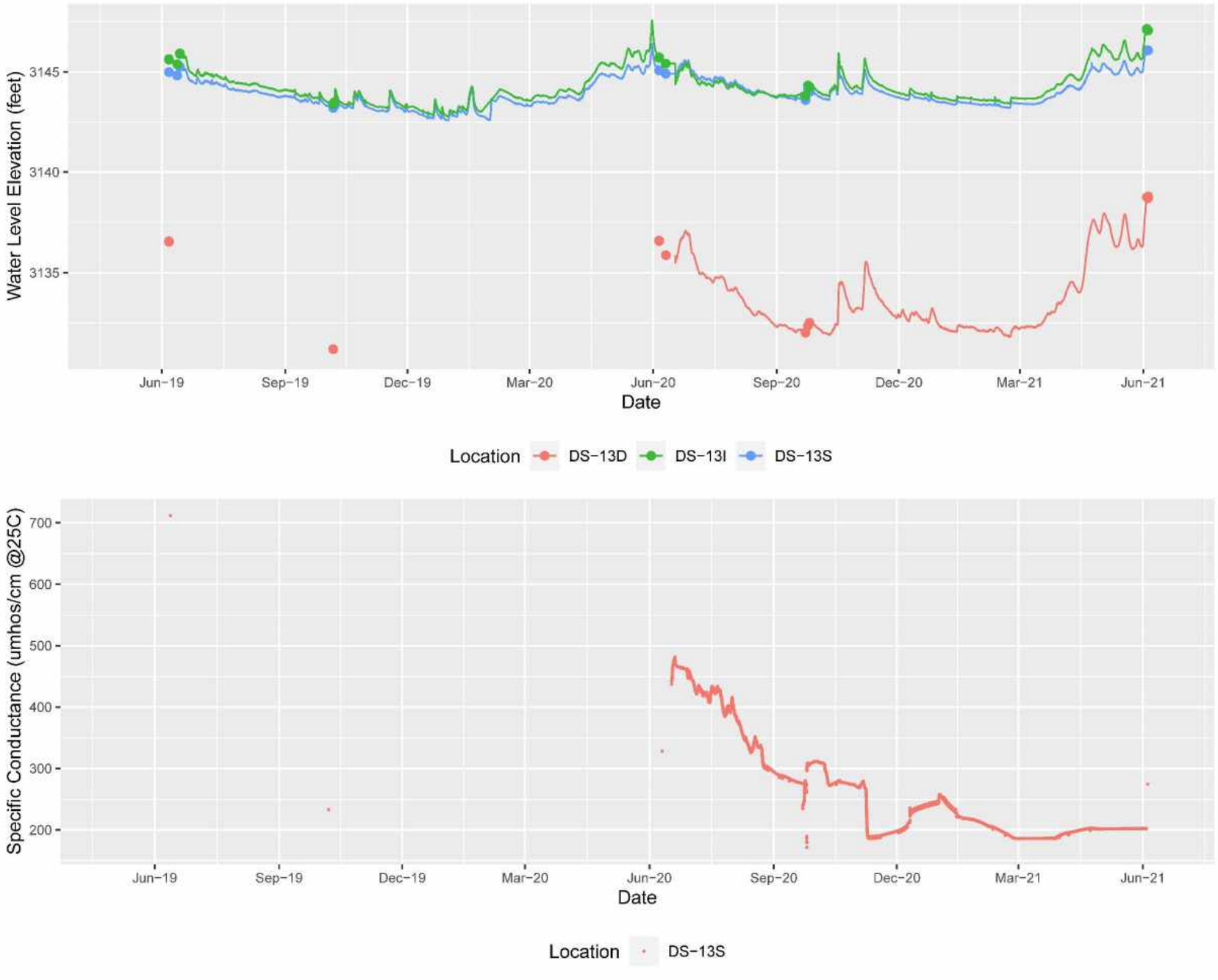
FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
Spring 2021 Event Data Report
Holden Mine Site
Chelan County, Washington

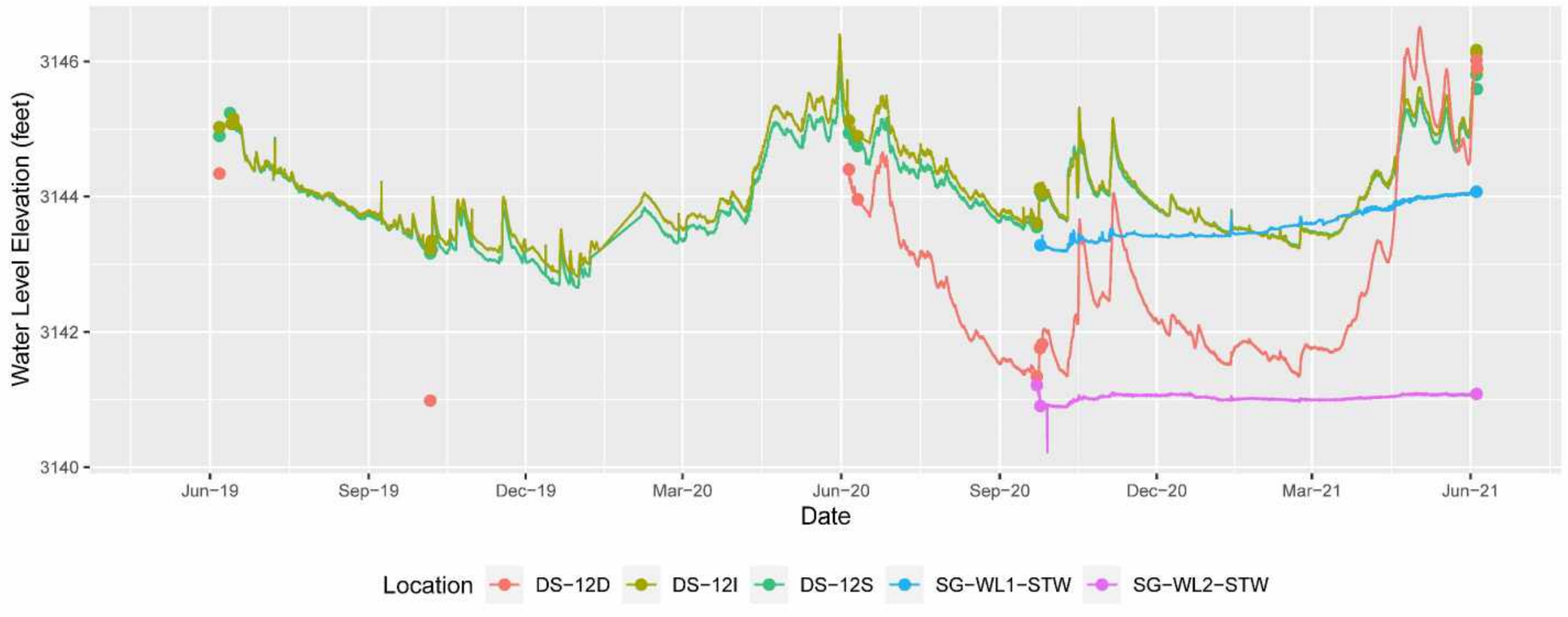
Figure 3.7
Hydrograph of DS-17S and DS-17I (June 2019 – June 2021)
Showing DS-17S Conductivity (June 2020 – June 2021)



FLOYD | SNIDER strategy ▪ science ▪ engineering	**Performance Standards Verification** **Spring 2021 Event Data Report** **Holden Mine Site** **Chelan County, Washington**	Figure 3.8 Hydrograph of DS-18S, DS-18I, and DS-18-STW (June 2019 – June 2021) Showing DS-18S Conductivity (June 2020 – June 2021)



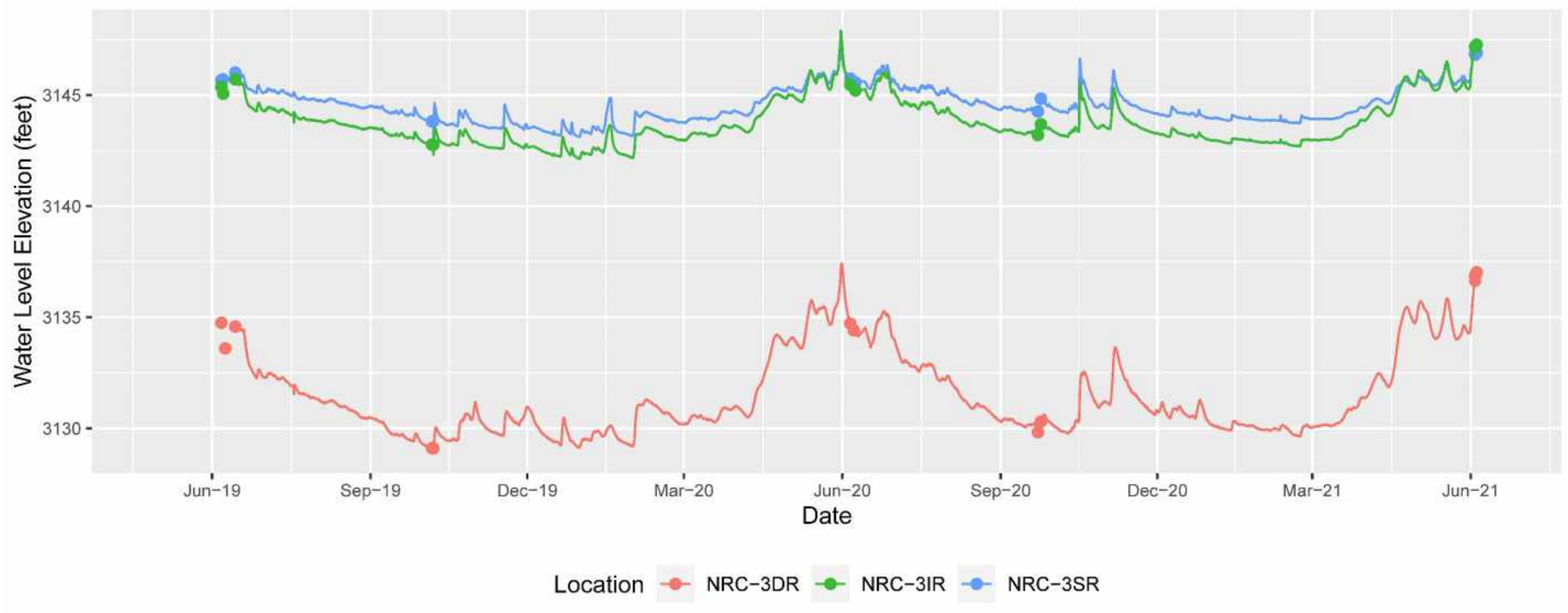
FLOYD | SNIDER strategy ▪ science ▪ engineering	**Performance Standards Verification** **Spring 2021 Event Data Report** **Holden Mine Site** **Chelan County, Washington**	Figure 3.9 Hydrograph of DS-13S, DS-13I, and DS-13D (June 2019 – June 2021) Showing DS-13S Conductivity (June 2020 – June 2021)



FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
Spring 2021 Event Data Report
Holden Mine Site
Chelan County, Washington

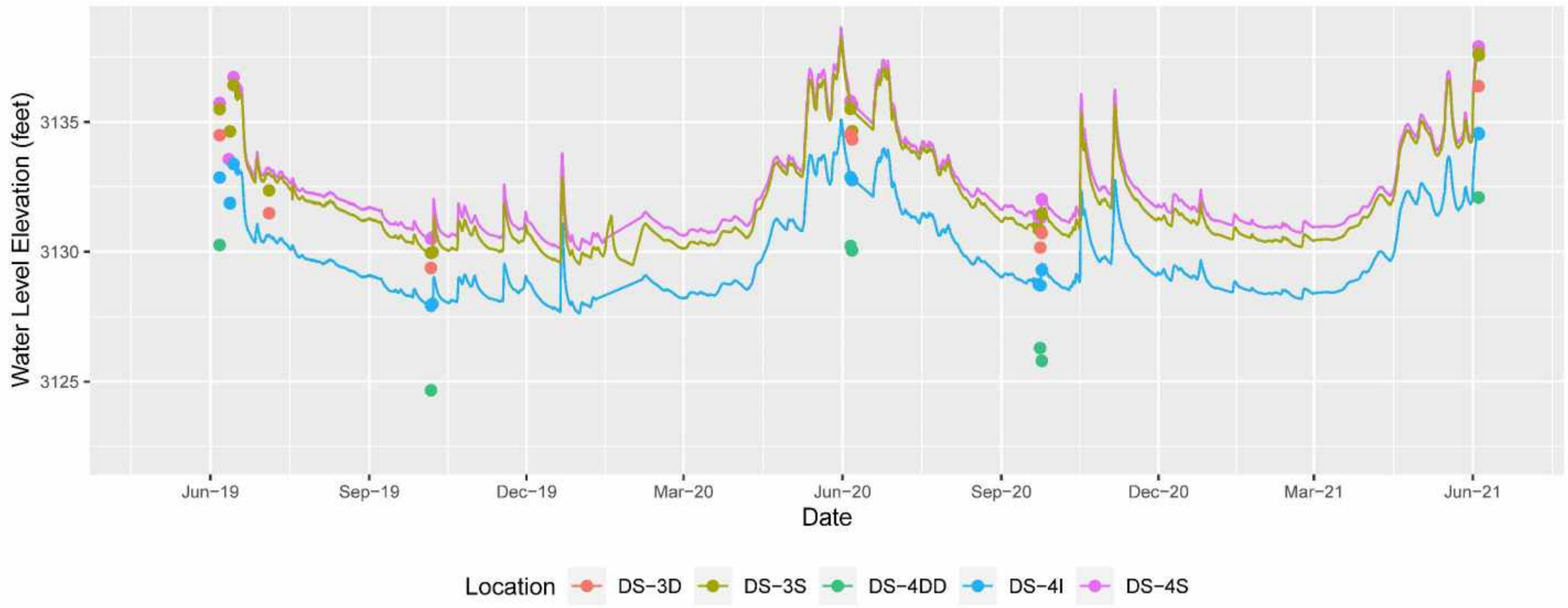
Figure 3.10
Hydrograph of DS-12S and DS-12I (June 2019 – June 2021), DS-12D (June 2020 – June 2021), SG-WL1-STW and SG-WL2-STW (September 2020 – June 2021)



FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
Spring 2021 Event Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.11
Hydrograph of NRC-3SR, NRC-3IR, and NRC-3DR
(June 2019 – June 2021)

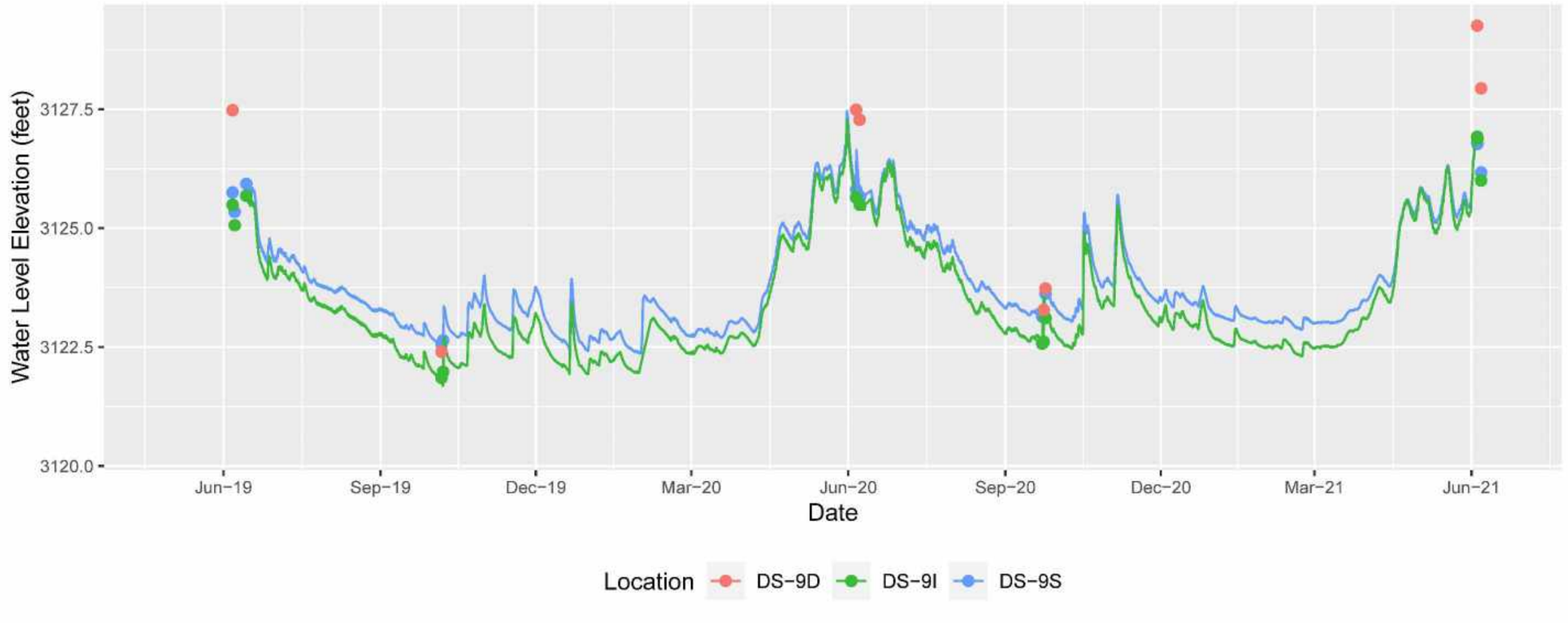


FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
Spring 2021 Event Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.12
Hydrograph of DS-4S, DS-4I, and DS-3S
(June 2019 – June 2021)

8/18/2021

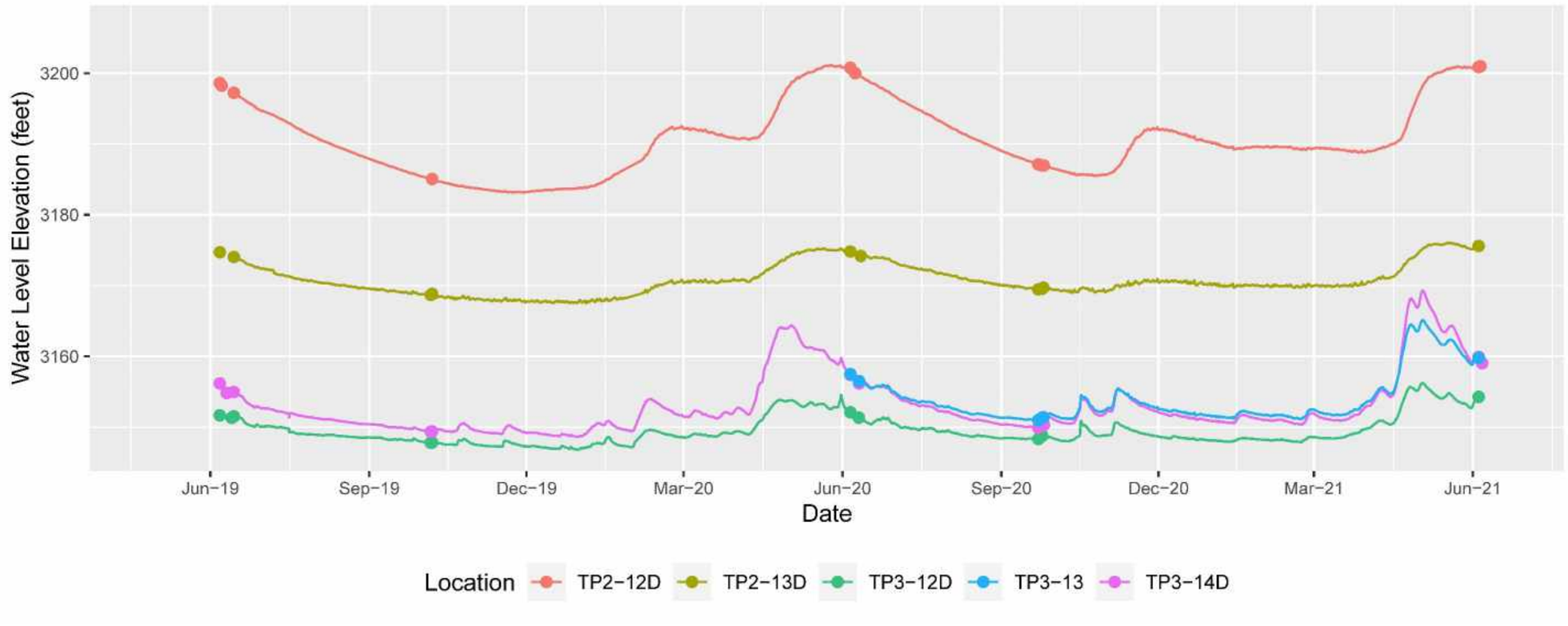


FLOYD | SNIDER
strategy • science • engineering

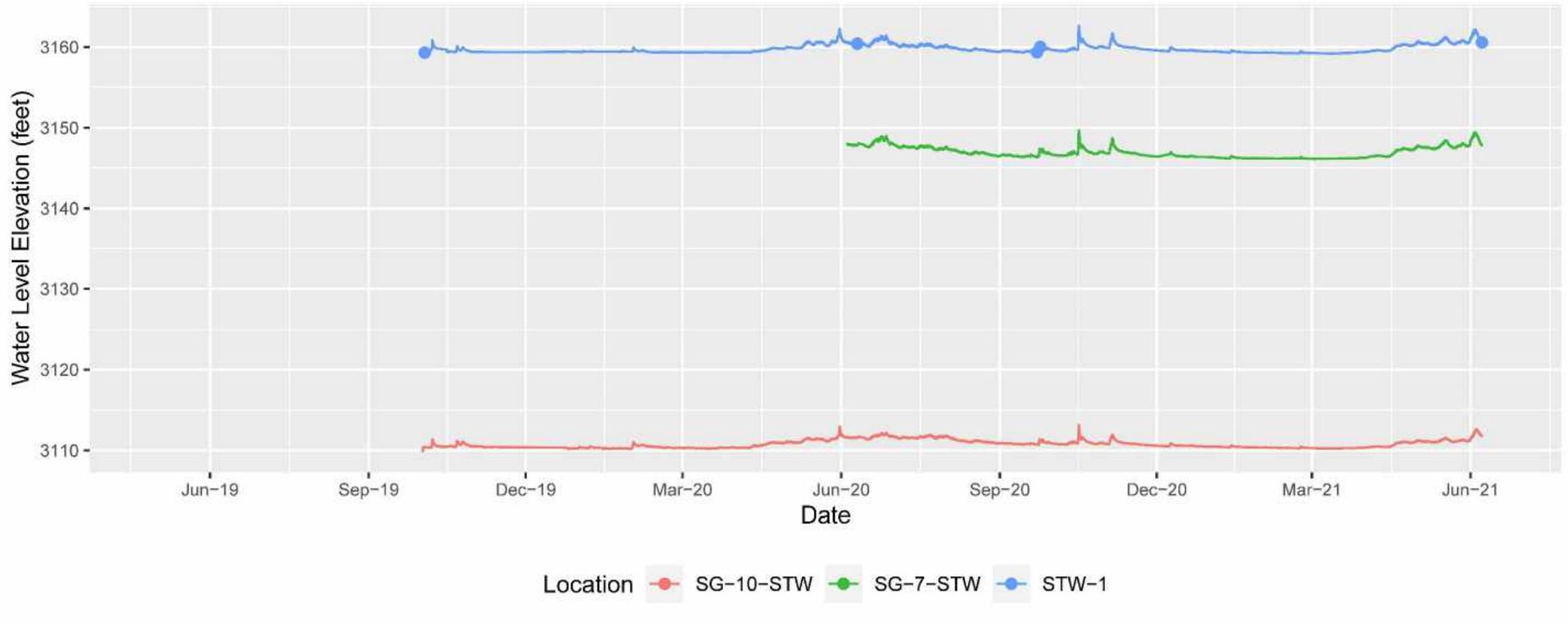
Performance Standards Verification
Spring 2021 Event Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.13
Hydrograph of DS-9S and DS-9I (June 2019 – June 2021)

8/18/2021



FLOYD | SNIDER strategy • science • engineering	**Performance Standards Verification Spring 2021 Event Data Report Holden Mine Site Chelan County, Washington**	Figure 3.14 Hydrograph of TP2-12D, TP2-13D, TP3-12D, TP3-13, and TP3-14D (June 2019 – June 2021)



FLOYD | SNIDER strategy • science • engineering	**Performance Standards Verification** **Spring 2021 Event Data Report** **Holden Mine Site** **Chelan County, Washington**	Figure 3.15 Hydrograph of STW-1 and SG-10STW (October 2019 – June 2021) and SG-7-STW (June 2020 – June 2021)

Legend

- Groundwater Monitoring Well
- Seep Sample Location
- Well Point Location
- Wetland Surface Water Sample Location
- West Area Seeps Collection Trench
- Approximate Location of Subsurface Barrier Wall
- Seep Survey Zone
- West Area Seeps Survey Zone
- Waste Management Area
- Portal
- Surface Water Flow Direction
- 100-foot Elevation Index Contour

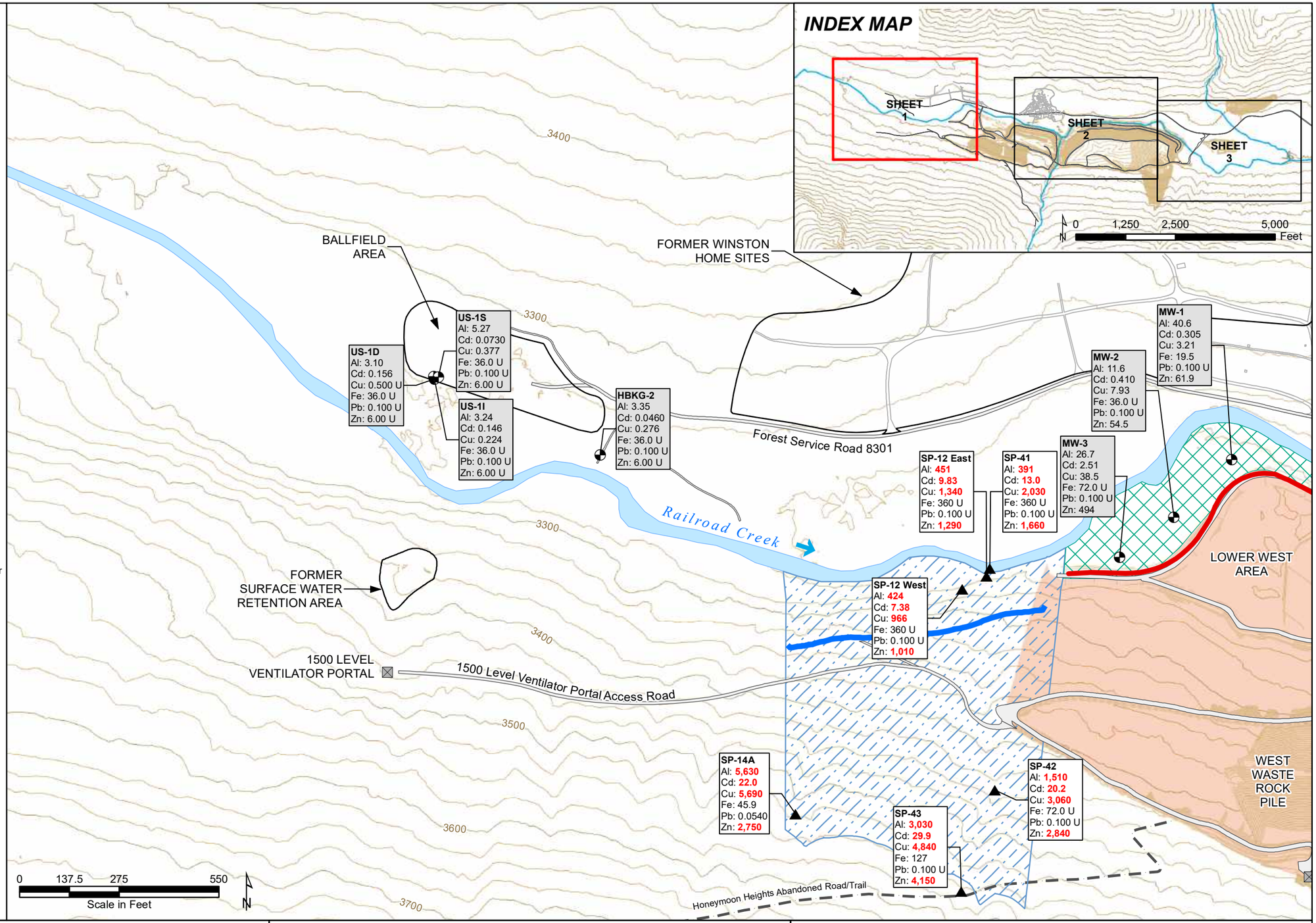
Sample Key

Location ID → **SP-48**
Analyte → Pb: 0.100 U ← Result and Qualifier

Notes:
* Dissolved metals results presented; turbidity was measured to be 5 NTU or greater.
· All results presented in µg/L.
· Total metals results are presented, except where noted by an asterisk.
· Results presented in **RED** indicate an exceedance of applicable criteria. Monitoring well groundwater results are shown in grey boxes and compared to the cleanup levels protective of the drinking water pathway based on ARARs in ROD Table 2. Seep water, wetland surface water, and well point groundwater results are compared to criteria for surface water and groundwater discharging to surface water, which are hardness-adjusted for copper, lead, and zinc, based on ARARs in ROD Table 3. Cadmium results are compared to the National Recommended Water Quality Criteria (NRWQC) hardness-adjusted freshwater chronic criteria for protection of aquatic organisms, the ROD Table 3 ARAR that was updated by USEPA in 2016.
· For locations where field duplicates were collected, the maximum concentration between the parent and duplicate sample is shown as the result.
· Elevation contours provided by Stantec. Contours are shown in feet above mean sea level.

Abbreviations:
Al = Aluminum
ARAR = Applicable or Relevant and Appropriate Requirement
Cd = Cadmium
COC = Contaminant of concern
Cu = Copper
Fe = Iron
µg/L = Micrograms per liter
NTU = Nephelometric turbidity units
Pb = Lead
ROD = Record of Decision
USEPA = U.S. Environmental Protection Agency
Zn = Zinc

Qualifier:
U Analyte was not detected at the given reporting limit.



FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.16
COC Results from Monitoring Wells, Well Points, Seeps, and Wetlands Surface Water (Spring 2021) (Sheet 1 of 3)

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 3.16 COC Results from Monitoring Wells, Well Points, Seeps, and Wetlands Surface Water (Spring 2021).mxd
8/18/2021

Legend

- Groundwater Monitoring Well
- Seep Sample Location
- Well Point Location
- Wetland Surface Water Sample Location
- West Area Seeps Collection Trench
- Approximate Location of Subsurface Barrier Wall
- Seep Survey Zone
- West Area Seeps Survey Zone
- Waste Management Area
- Portal
- Surface Water Flow Direction
- 100-foot Elevation Index Contour

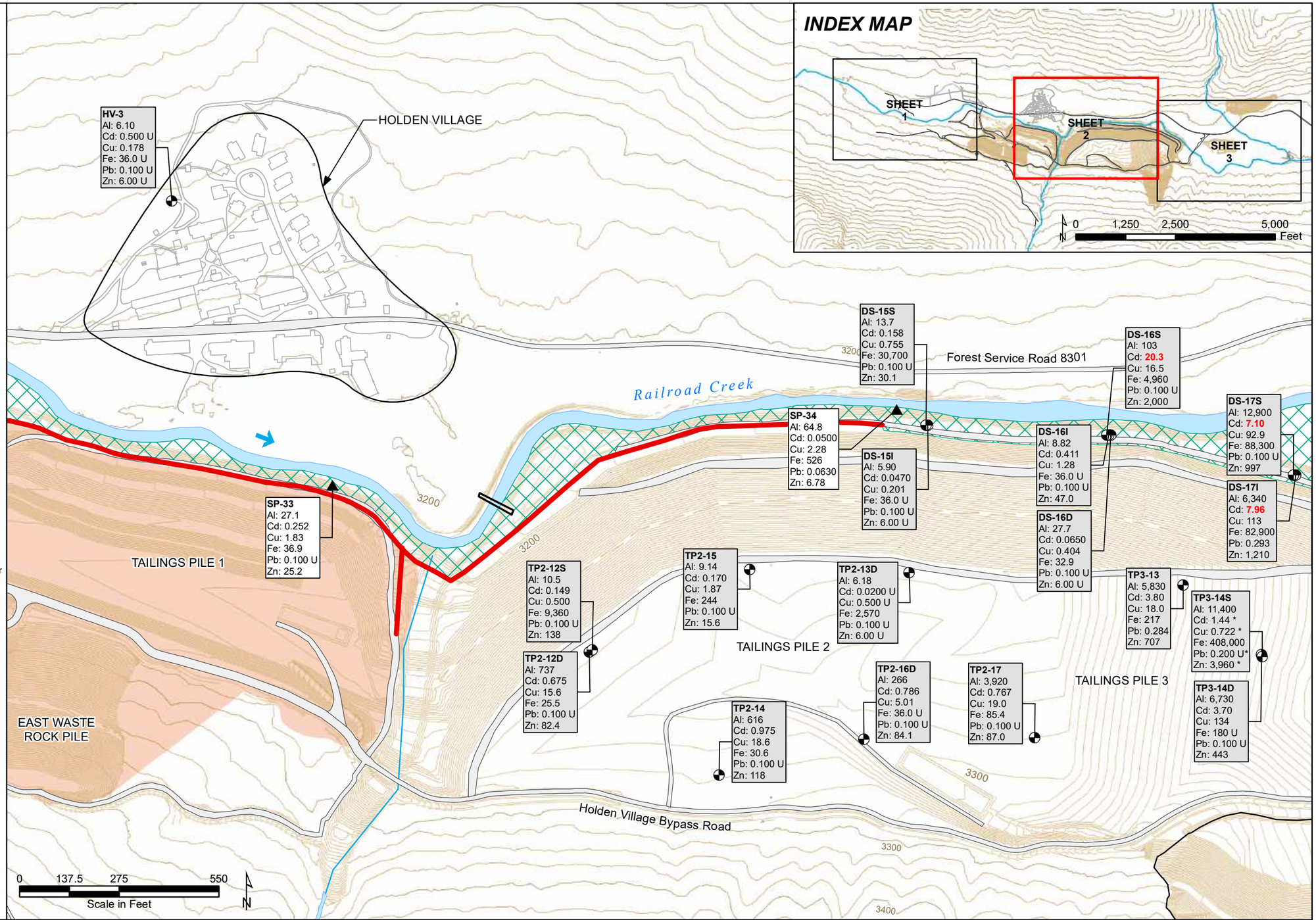
Sample Key

Location ID → **SP-48**
Analyte → Pb: 0.100 U ← Result and Qualifier

Notes:
* Dissolved metals results presented; turbidity was measured to be 5 NTU or greater.
· All results presented in µg/L.
· Total metals results are presented, except where noted by an asterisk.
· Results presented in **RED** indicate an exceedance of applicable criteria. Monitoring well groundwater results are shown in grey boxes and compared to the cleanup levels protective of the drinking water pathway based on ARARs in ROD Table 2. Seep water, wetland surface water, and well point groundwater results are compared to criteria for surface water and groundwater discharging to surface water, which are hardness-adjusted for copper, lead, and zinc, based on ARARs in ROD Table 3. Cadmium results are compared to the National Recommended Water Quality Criteria (NRWQC) hardness-adjusted freshwater chronic criteria for protection of aquatic organisms, the ROD Table 3 ARAR that was updated by USEPA in 2016.
· For locations where field duplicates were collected, the maximum concentration between the parent and duplicate sample is shown as the result.
· Elevation contours provided by Stantec. Contours are shown in feet above mean sea level.

Abbreviations:
Al = Aluminum
ARAR = Applicable or Relevant and Appropriate Requirement
Cd = Cadmium
COC = Contaminant of concern
Cu = Copper
Fe = Iron
µg/L = Micrograms per liter
NTU = Nephelometric turbidity units
Pb = Lead
ROD = Record of Decision
USEPA = U.S. Environmental Protection Agency
Zn = Zinc

Qualifier:
U Analyte was not detected at the given reporting limit.



FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.16
COC Results from Monitoring Wells, Well Points, Seeps, and Wetlands Surface Water (Spring 2021) (Sheet 2 of 3)

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 3.16 COC Results from Monitoring Wells, Well Points, Seeps, and Wetlands Surface Water (Spring 2021).mxd
8/18/2021

Legend

- Groundwater Monitoring Well
- Seep Sample Location
- Well Point Location
- Wetland Surface Water Sample Location
- West Area Seeps Collection Trench
- Approximate Location of Subsurface Barrier Wall
- Seep Survey Zone
- West Area Seeps Survey Zone
- Waste Management Area
- Portal
- Surface Water Flow Direction
- 100-foot Elevation Index Contour

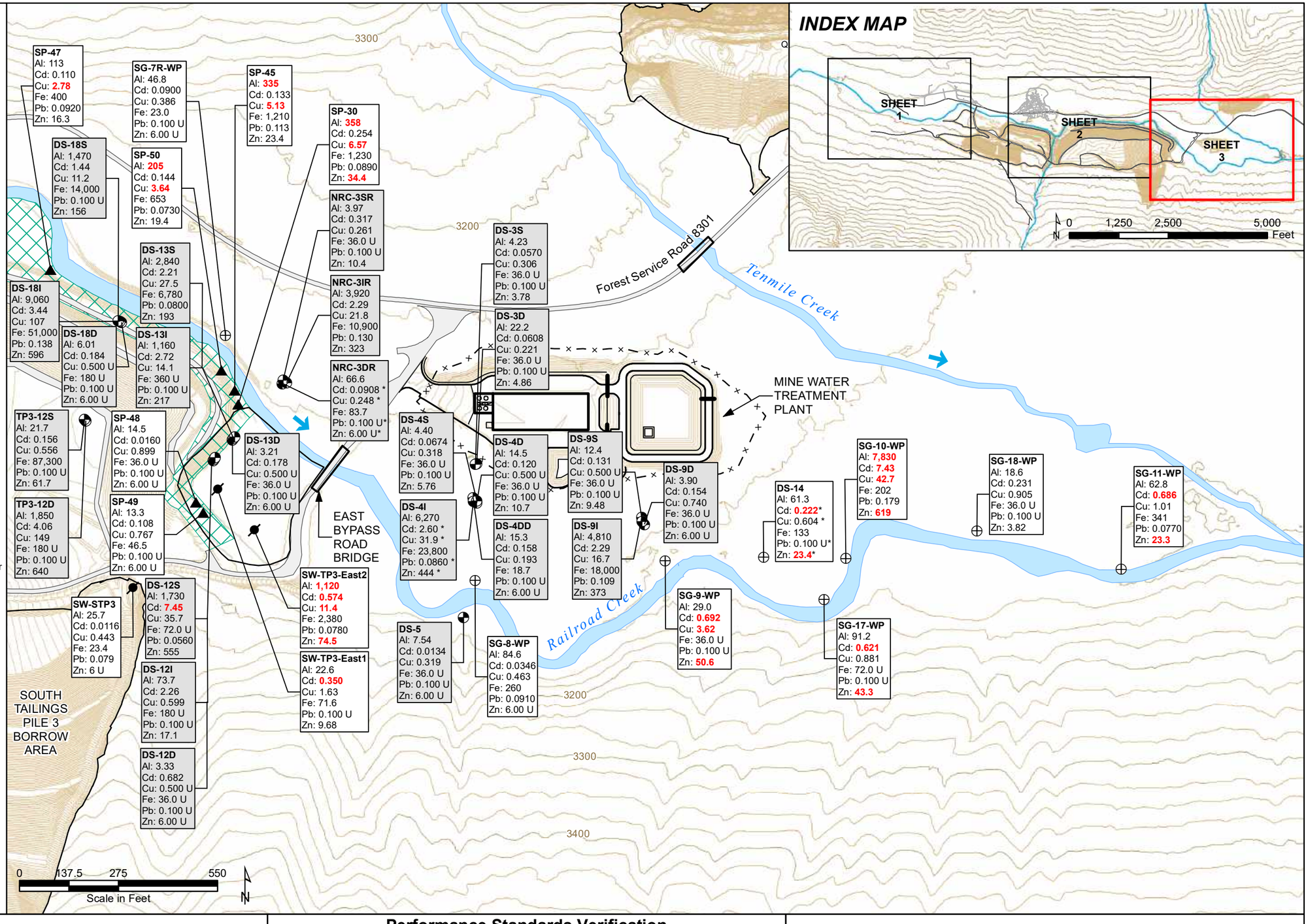
Sample Key

Location ID → **SP-48**
Analyte → Pb: 0.100 U ← Result and Qualifier

Notes:
* Dissolved metals results presented; turbidity was measured to be 5 NTU or greater.
· All results presented in µg/L.
· Total metals results are presented, except where noted by an asterisk.
· Results presented in **RED** indicate an exceedance of applicable criteria. Monitoring well groundwater results are shown in grey boxes and compared to the cleanup levels protective of the drinking water pathway based on ARARs in ROD Table 2. Seep water, wetland surface water, and well point groundwater results are compared to criteria for surface water and groundwater discharging to surface water, which are hardness-adjusted for copper, lead, and zinc, based on ARARs in ROD Table 3. Cadmium results are compared to the National Recommended Water Quality Criteria (NRWQC) hardness-adjusted freshwater chronic criteria for protection of aquatic organisms, the ROD Table 3 ARAR that was updated by USEPA in 2016.
· For locations where field duplicates were collected, the maximum concentration between the parent and duplicate sample is shown as the result.
· Elevation contours provided by Stantec. Contours are shown in feet above mean sea level.

Abbreviations:
Al = Aluminum
ARAR = Applicable or Relevant and Appropriate Requirement
Cd = Cadmium
COC = Contaminant of concern
Cu = Copper
Fe = Iron
µg/L = Micrograms per liter
NTU = Nephelometric turbidity units
Pb = Lead
ROD = Record of Decision
USEPA = U.S. Environmental Protection Agency
Zn = Zinc

Qualifier:
U Analyte was not detected at the given reporting limit.



FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.16
COC Results from Monitoring Wells, Well Points, Seeps, and Wetlands Surface Water (Spring 2021) (Sheet 3 of 3)

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 3.16 COC Results from Monitoring Wells, Well Points, Seeps, and Wetlands Surface Water (Spring 2021).mxd
8/18/2021

Legend

- Porewater Sample Cluster
- Surface Water Sample Location
- Well Point Location
- Seep Survey Zone
- Surface Water Flow Direction
- 100-foot Elevation Index Contour

Sample Key

Location ID → **SG-7R-WP**
Analyte → Pb: 0.100 U ← Result and Qualifier

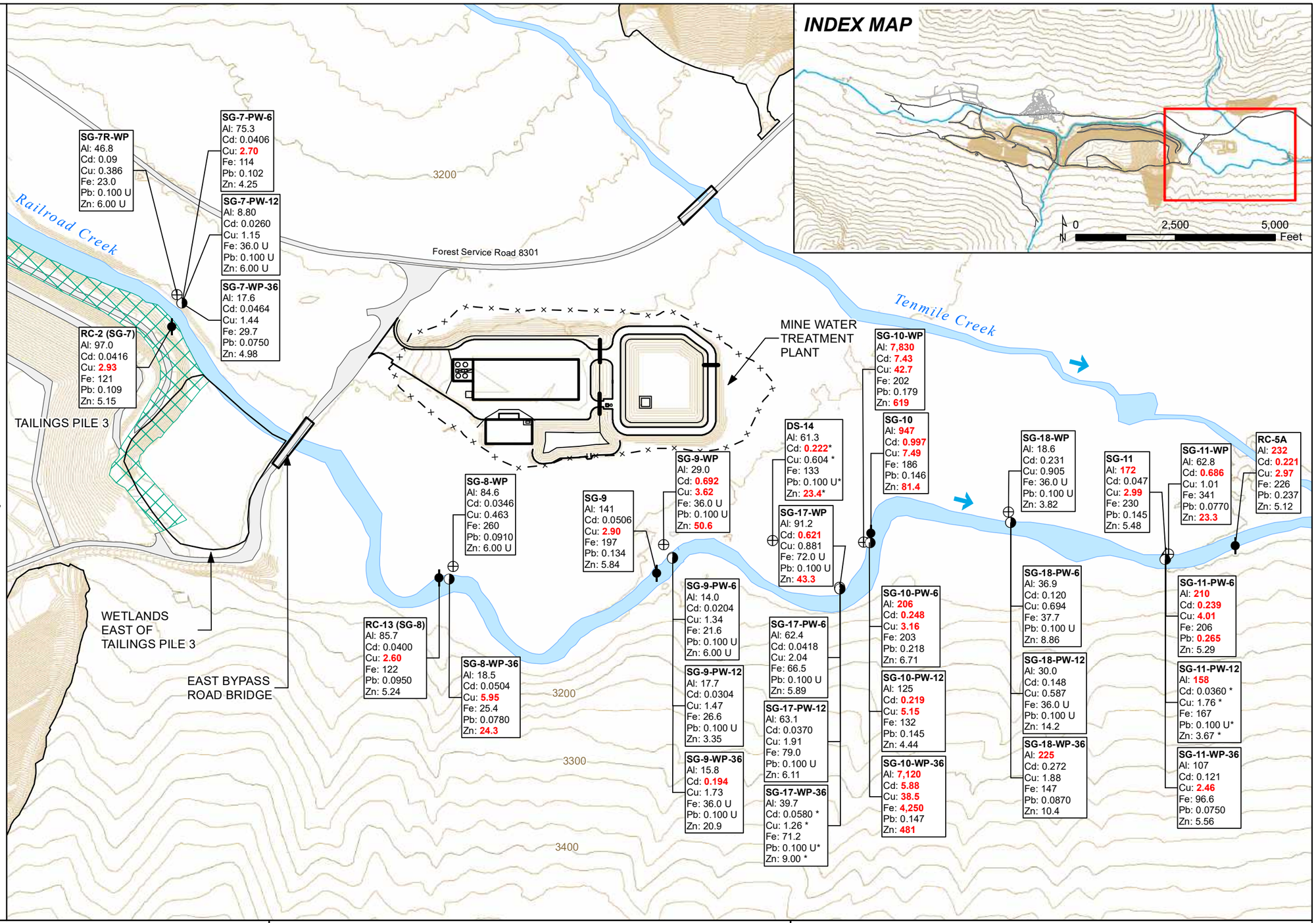
Notes:
* Dissolved metals results presented; turbidity was measured to be 5 NTU or greater.
· All results presented in µg/L.
· Total metals results are presented, except where noted by an asterisk.
· Results presented in **RED** indicate an exceedance of applicable criteria. Porewater, surface water, and well point groundwater results are compared to criteria for surface water and groundwater discharging to surface water, which are hardness-adjusted for copper, lead, and zinc, based on ARARs in ROD Table 3. Cadmium results are compared to the National Recommended Water Quality Criteria (NRWQC) hardness-adjusted freshwater chronic criteria for protection of aquatic organisms, the ROD Table 3 ARAR that was updated by USEPA in 2016.
· For locations where field duplicates were collected, the maximum concentration between the parent and duplicate sample is shown as the result.
· Elevation contours provided by Stantec. Contours are shown in feet above mean sea level.

Abbreviations:
Al = Aluminum
ARAR = Applicable or Relevant and Appropriate Requirement
Cd = Cadmium
COC = Contaminant of concern
Cu = Copper
Fe = Iron
µg/L = Micrograms per liter
Pb = Lead
ROD = Record of Decision
USEPA = U.S. Environmental Protection Agency
Zn = Zinc

Qualifier:
U Analyte was not detected at the given reporting limit.

0 125 250 500
Scale in Feet

N



FLOYD | SNIDER
strategy • science • engineering

Performance Standards Verification
2021 Spring Data Report
Holden Mine Site
Chelan County, Washington

Figure 3.17
COC Results from Porewater Sampling Locations, Well Points, and Surface Water Locations (Spring 2021)

I:\GIS\Projects\RT-Holden\MXD\Data Reports\Spring 2021\Figure 3.17 COC Results from Porewater Sampling Locations, Well Points, and Surface Water Locations (Spring 2021).mxd
8/18/2021

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix A
Data Validation Report

DRAFT

Table of Contents

1.0 Project Narrative 1
1.1 OVERVIEW OF DATA VALIDATION 1
2.0 Data Validation Report Total and Dissolved Metals by USEPA 6020B/6020B UST-KED 2
2.1 DATA PACKAGE COMPLETENESS 2
2.2 TECHNICAL DATA VALIDATION 2
2.2.1 Reporting Limits and Reported Results 2
2.2.2 Blank Contamination 3
2.2.3 Matrix Spike and Matrix Spike Duplicate 3
2.2.4 Sample/Sample Duplicate Relative Percent Difference 4
2.2.5 Field Duplicates 5
2.3 OVERALL ASSESSMENT 6
3.0 Data Validation Report Total Suspended Solids by Standard Method 2540D-97 7
3.1 DATA PACKAGE COMPLETENESS 7
3.2 TECHNICAL DATA VALIDATION 7
3.2.1 Extraction and Analysis Holding Times 7
3.2.2 Field Duplicates 8
3.3 OVERALL ASSESSMENT 8
4.0 Data Validation Report Total Dissolved Solids by Standard Method SM2540C-97 9
4.1 DATA PACKAGE COMPLETENESS 9
4.2 TECHNICAL DATA VALIDATION 9
4.2.1 Extraction and Analysis Holding Times 9
4.3 OVERALL ASSESSMENT 9
5.0 Data Validation Report Total Organic Carbons and Dissolved Organic Carbon by Standard Method 5310B 11
5.1 DATA PACKAGE COMPLETENESS 11
5.2 TECHNICAL DATA VALIDATION 11
5.3 OVERALL ASSESSMENT 11
6.0 Data Validation Report Alkalinity by Standard Method 2320 12
6.1 DATA PACKAGE COMPLETENESS 12

6.2 TECHNICAL DATA VALIDATION 12
6.3 OVERALL ASSESSMENT 12
7.0 Data Validation Report Anions by USEPA 300.0 13
7.1 DATA PACKAGE COMPLETENESS 13
7.2 TECHNICAL DATA VALIDATION 13
7.2.1 Extraction and Analysis Holding Times 13
7.2.2 Initial and Continuing Calibrations 14
7.2.3 Matrix Spike and Matrix Spike Duplicate Recoveries 14
7.3 OVERALL ASSESSMENT 14
8.0 References 15

List of Attachments

Attachment A.1 Project Sample Index Table
Attachment A.2 Data Qualifier Definitions and Criteria Tables
Attachment A.3 Qualified Data Summary Table

List of Abbreviations and Acronyms

Abbreviation/ Acronym	Definition
ARI	Analytical Resources, Inc.
CCV	Continuing calibration verifications
DNR	Do Not Report
LCS	Laboratory control sample
LCSD	Laboratory control sample duplicate
MDL	Method detection limit
MS	Matrix spike
MSD	Matrix spike duplicate
RL	Reporting limit
RPD	Relative percent difference
QA	Quality assurance
QC	Quality control
SAP	Sampling and Analysis Plan
SDG	Sample delivery group
TCMX	2,4,5,6-Tetrachlorometaxylene

Abbreviation/ Acronym	Definition
TPH	Total petroleum hydrocarbons
µg/L	Micrograms per liter
USEPA	U.S. Environmental Protection Agency

1.0 Project Narrative

1.1 OVERVIEW OF DATA VALIDATION

This report summarizes the results of the Compliance Screening (USEPA Stage 2B) performed on the groundwater, surface water, porewater, seep water, and quality control (QC) sample data for the Spring 2021 Holden Mine sampling event. A complete list of samples is provided in the Project Sample Index Table (Attachment A.1).

The chemical analyses were performed by Analytical Resources, Incorporated (ARI) of Tukwila, Washington. A total of 65 groundwater, 20 porewater, 17 surface water, 15 seep water, and 8 QC samples were collected between June 3, 2021, and June 9, 2021, and submitted to ARI in three sample delivery groups (SDGs) for chemical analyses. The analytical methods include the following:

- Metals (Total and Dissolved)—USEPA Method 6020B/6020B UCT-KED
- Total Suspended Solids—Standard Method 2540D-97
- Total Dissolved Solids—Standard Method 2540C-97
- Total Organic Carbon and Dissolved Organic Carbon—Standard Method 5310B
- Alkalinity—SM2320B
- Anions—USEPA Method 300.0

The data were reviewed using guidance and QC criteria documented in the analytical methods; Holden Mine Site Performance Standards Verification Plan Appendix C Quality Assurance Project Plan, *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020a), and *National Functional Guidelines for Organic Superfund Data Review* (USEPA 2020b).

Floyd|Snider's goal in assigning data assessment qualifiers is to assist in proper data interpretation. If values are estimated (J or UJ), data may be used for site evaluation and risk assessment purposes, but reasons for data qualification should be taken into consideration when interpreting sample concentrations. If values are assigned an R, the data are to be rejected and should not be used for any site evaluation purposes. When compounds are analyzed at multiple dilutions or by multiple analysis methods, select results will be assigned a Do Not Report (DNR) qualification as a more appropriate result is reported from another dilution or analysis method. If values have no data qualifier assigned, then the data meet the data quality objectives as stated in the documents and methods referenced above.

Data qualifier definitions, reasons, and validation criteria are included as Attachment A.2. The Qualified Data Summary Table is included as Attachment A.3. Data validation worksheets (Excel worksheets) will be kept on file at Floyd|Snider.

2.0 Data Validation Report
Total and Dissolved Metals by USEPA 6020B/6020B UST-KED

This report documents the review of analytical data from the analyses of water samples and the associated laboratory QC samples. Samples were analyzed by ARI. Compliance Screening (USEPA Stage 2B) was performed on all analytical results by Chell Black as the primary data reviewer, and secondary review was performed by Gretchen Heavner.

2.1 DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

2.2 TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Quality Control Requirements

	Cooler temperature and preservation		Extraction and analysis holding times
[1]	Reporting limits and reported results	[1]	Blank contamination
	Initial and continuing calibrations		Laboratory control sample (LCS) recoveries
[1]	Matrix spike (MS) and matrix spike duplicate (MSD) recoveries	[2]	Sample/sample duplicate relative percent differences (RPDs)
	MS/MSD RPDs		Target analyte list
[2]	Field Duplicates		

Notes:
1 QC results are discussed below, but no data were additionally qualified.
2 QC outliers that impact the reported data were noted. Data qualifiers were issued, as discussed below.

Attachment A.2 presents data validation criteria tables for inorganic compound analysis. QC requirements that were met without exception are not discussed below. QC requirements that required further evaluation and had exceptions to the validation criteria are discussed below.

2.2.1 Reporting Limits and Reported Results

SDGs 21F0123, 21F0130, and 21F0196

Detected results between the method detection limit (MDL) and the reporting limit (RL) were reported and flagged "J" by the laboratory. These flags will be retained as the final qualifier "JQ" to indicate they should be considered an estimate based on quantitation between the MDL and RL.

2.2.2 Blank Contamination

SDG 21F0123

The laboratory noted that dissolved manganese was detected between the MDL and RL in the blank and was flagged "J" by the laboratory. The analyte was not detected at concentrations greater than the RL; therefore, it is with professional judgment that no results be additionally qualified based on this method blank information, as any results reported between the MDL and RL will have their laboratory “J” flag retained as the final qualifier “JQ” for data table reporting and database storage.

SDG 21F0130

The laboratory noted that iron was detected between the MDL and RL in the blank and was flagged “J” by the laboratory. The analyte was not detected at concentrations greater than the RL; therefore, it is with professional judgment that no results be additionally qualified based on this method blank information, as any results reported between the MDL and RL will have their laboratory “J” flag retained as the final qualifier “JQ” for data table reporting and database storage.

2.2.3 Matrix Spike and Matrix Spike Duplicate

SDG 21F0123

The laboratory noted for several total analytes that the natural concentration of the spiked analyte was so much greater than the concentration spiked that an accurate determination of spike recovery was not possible. Per USEPA guidelines, if the sample concentration is greater than four times that of the spike amount then results will be reported unqualified regardless of the recovery information. All flagged analytes met this requirement, and the LCS recoveries demonstrate adequate accuracy for the method; therefore, it is with professional judgment that no results be qualified based on this recovery information.

The laboratory noted that for the MS/MSD performed on NRC-103DR-GW-060321 (-05) the dissolved calcium recoveries were both outside laboratory control limits high, with both recoveries being 128 percent, with control limits of 75 to 125 percent. Only the MS for dissolved magnesium was outside laboratory control limits low at 74.8 percent, with control limits of 75 to 125 percent. Both calcium recoveries were flagged as having natural concentrations much greater than that of the spiked amount. Per the laboratory, the recovery limits for target analytes in MS/MSD QC samples are advisory only, and per USEPA guidelines data are not qualified based on MS/MSD information alone. As all other QC objectives for this analysis method have been met and the LCS recoveries and sample/sample duplicate RPDs demonstrate adequate precision and accuracy for the method, it is with professional judgment that no results be qualified based on this MS/MSD recovery information alone.

SDG 21F0130

The laboratory noted that for the MS/MSD recoveries of dissolved manganese in sample SG-10-SW-060521 (-05) that the natural concentration of the spiked analyte was so much greater than the concentration spiked that an accurate determination of spike recovery was not possible and flagged the results "HC." The sample was spiked at 25 micrograms per liter (µg/L) with an original concentration of 493 µg/L. Per USEPA guidelines, if the sample concentration is greater than four times that of the spike amount then results will be reported unqualified regardless of the recovery information. In addition, the LCS recovery for manganese demonstrates adequate accuracy for the method; therefore, it is with professional judgment that no results be qualified based on this recovery information.

2.2.4 Sample/Sample Duplicate Relative Percent Difference

SDG 21F0123

The laboratory noted that for the total cadmium duplicate analysis of sample NRC-3SR-GW-060321 (-01) the RPD was 23.8 percent and outside the 20-percent laboratory control limit. However, because the concentrations were less than or equal to five times that of the RL the control limit shifts to plus or minus the RL, and therefore passes as both results were reported between the MDL and RL. The field sample will already have a "JQ" qualifier for this total cadmium result and therefore no additional qualifiers are required.

SDG 21F0130

For the duplicate analysis performed on sample SG-17-PW-6-060521 (-28) for total copper, the laboratory noted that the RPD was 24.2 percent and outside the 20-percent laboratory control limit. However, because one of the concentrations was less than or equal to five times that of the RL, the control limit shifts to plus or minus the RL. The sample/sample duplicate pair still fails this revised criterion. As the MS/MSD recoveries and RPDs for the other analytes are within control limits and demonstrate adequate overall precision and accuracy for the method, it is with professional judgment that only the total copper result from sample SG-17-PW-6-060521 be qualified "J" based on this RPD information. Please refer to Attachment A.3 for details.

For the duplicate analysis performed on sample RC-16-SW-060521 (-21) for total copper, the laboratory noted that the original RPD was 56.3 percent and outside of the 20-percent laboratory control limit. However, because the concentrations were less than or equal to five times that of the RL, the control limit shifts to plus or minus the RL. The sample/sample duplicate pair had an absolute difference of 0.397 µg/L and met the revised control limit of the 0.5 µg/L RL; therefore, no sample results shall be qualified based on this duplicate analysis information.

SDG 21F0196

The laboratory noted that for the total zinc duplicate analysis of sample RC-2-SW-060721 (-19) the RPD was 38.5 percent and outside the 20-percent laboratory control limit. However, because

the concentrations were less than or equal to five times that of the RL, the control limit shifts to plus or minus the RL, and therefore passes. One result was reported between the MDL and RL and the other was reported at concentrations greater than the 6 µg/L RL, with an absolute difference of 2.45 µg/L. The field sample will already have a "JQ" qualifier for this total zinc result and therefore no additional qualifiers are required.

The laboratory noted that for the dissolved cadmium duplicate analysis of sample RC-2-SW-060721 (-20) the RPD was 31.3 percent and outside the 20-percent laboratory control limit. However, because the concentrations were less than or equal to five times that of the RL, the control limit shifts to plus or minus the RL, and therefore passes as both results were reported between the MDL and RL. The field sample will already have a "JQ" qualifier for this dissolved cadmium result and therefore no additional qualifiers are required.

The laboratory noted that for the dissolved manganese duplicate analysis of sample RC-2-SW-060721 (-20) the RPD was 35.8 percent and outside the 20-percent laboratory control limit. However, because one of the concentrations was less than or equal to five times that of the RL, the control limit shifts to plus or minus the RL. The sample/sample duplicate pair still fails this revised criterion. As the MS/MSD recoveries and RPDs for the other analytes are within control limits and demonstrate adequate overall precision and accuracy for the method, it is with professional judgment that only the dissolved manganese result from sample RC-2-SW-060721 be qualified "J" based on this RPD information. Please refer to Attachment A.3 for details.

2.2.5 Field Duplicates

SDG 21F0123

The RPD for NRC-3DR-GW-060321 and NRC-103DR-GW-060321 for dissolved manganese was 64.6 percent and for dissolved cadmium was 36.5 percent. The total copper RPD for this sample pair was 50 percent; however, the concentrations were less than five times the RL and the absolute difference between the concentrations was within the alternate criterion of plus or minus the RL value. Floyd|Snider Standard Operating Procedures (SOPs) state that the parent sample result should be flagged “J” as estimated when the RPD is greater than 35 percent; therefore, the only dissolved manganese and dissolved cadmium results for NRC-3DR-GW-060321 have been qualified “J” based on this RPD information. Please refer to Attachment A.3 for qualifier details.

SDG 21F0130

The RPD for total copper between SG-10-PW-12-060521 and SG-110-PW-12060521 was 79.5 percent. Floyd|Snider SOPs state that the parent sample result should be flagged “J” as estimated when the RPD is greater than 35 percent; therefore, only the total copper result for SG-10-PW-12-060521 has been qualified “J” based on this RPD information. Please refer to Attachment A.3 for qualifier details.

The RPD for total manganese between SP-49-060621 and SP-149-060621 was 68.2 percent. The total iron RPD for this sample pair was 37.9 percent, and the total cadmium was 131 percent. The total iron concentrations were less than five times the RL, and the absolute difference between the concentrations was within the alternate criterion of plus or minus the RL value. The total cadmium concentrations were also less than five times their respective RLs as the sample duplicate was re-analyzed at a higher dilution and the absolute difference between the concentrations was within the alternate criterion of plus or minus the RL value for the field duplicate sample. Floyd|Snider SOPs state that the parent sample result should be flagged "J" as estimated when the RPD is greater than 35 percent; therefore, only the total iron result for sample SP-49-060621 will be qualified "J" based on this RPD information. Please refer to Attachment A.3 for qualifier details.

SDG 21F0196

The RPD for total manganese between SG-7-WP-36-060721 and SG-107-WP-36-060721 was 50.9 percent; however, the concentrations were less than five times the RL, and the absolute difference between the concentrations was within the revised criterion of plus or minus the RL. Therefore, it is with professional judgment that no results be flagged based on this RPD information.

2.3 OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the MS, MSD, and LCS percent recovery values. Precision was acceptable, as demonstrated by the MS/MSD and laboratory sample/laboratory sample duplicate RPDs.

All data are acceptable for use as qualified; refer to Attachment A.3 for details.

3.0 Data Validation Report
Total Suspended Solids by Standard Method 2540D-97

This report documents the review of analytical data from the analyses of water samples and the associated laboratory QC samples. Samples were analyzed by ARI. Compliance Screening (USEPA Stage 2B) was performed on all analytical results by Chell Black as the primary data reviewer, and secondary review was performed by Gretchen Heavner.

3.1 DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

3.2 TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Quality Control Requirements

Cooler temperature and preservation	[1] Extraction and analysis holding times
Reporting limits and reported results	Blank contamination
Initial and continuing calibrations	LCS recoveries
Sample/sample duplicate RPDs	Field Duplicates

Note:
1 QC results are discussed below, but no data were additionally qualified.

QC requirements that were met without exception are not discussed below. QC requirements that required further evaluation and had exceptions to the validation criteria are discussed below.

3.2.1 Extraction and Analysis Holding Times

SDG 21F0196

The laboratory noted that, due to the volume of samples in the delivery group, the preparation and analysis for total suspended solids could not be achieved within the method holding time. Impacted results were flagged "H" by the laboratory. This laboratory qualifier will be retained as the final qualifier "J" for detected results, and "UJ" for non-detect results for data table reporting.

3.2.2 Field Duplicates

SDG 21F0130

The RPD for total suspended solids between SG-10-PW-12-060521 and SG-110-PW-12060521 was 66.7 percent; however, one result was reported as a non-detect and the duplicate as a detect with a concentration less than five times the RL and the absolute difference between the concentrations was within the alternate criterion of plus or minus the RL value. Therefore, no results will be qualified based on this RPD information.

3.3 OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the LCS percent recovery values. Precision was acceptable, as demonstrated by the sample/sample duplicate RPDs.

All data are acceptable for use as qualified; refer to Attachment A.3 for details.

4.0 Data Validation Report
Total Dissolved Solids by Standard Method SM2540C-97

This report documents the review of analytical data from the analyses of water samples and the associated laboratory QC samples. Samples were analyzed by ARI. Compliance Screening (USEPA Stage 2B) was performed on all analytical results by Chell Black as the primary data reviewer, and secondary review was performed by Gretchen Heavner.

4.1 DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes, and any anomalies were discussed in the case narrative.

4.2 TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Quality Control Requirements

Cooler temperature and preservation	[1] Extraction and analysis holding times
Reporting limits and reported results	Blank contamination
Initial and continuing calibrations	LCS recoveries
Sample/sample duplicate RPDs	Field Duplicates

Note:
1 QC results are discussed below, but no data were additionally qualified.

QC requirements that were met without exception are not discussed below. QC requirements that required further evaluation and had exceptions to the validation criteria are discussed below.

4.2.1 Extraction and Analysis Holding Times

SDG 21F0196

The laboratory noted that, due to the volume of samples in the delivery group, the preparation and analysis for total dissolved solids could not be achieved within the method holding time. Impacted results were flagged "H" by the laboratory. This laboratory qualifier will be retained as the final qualifier "J" for detected results, and "UJ" for non-detect results for data table reporting.

4.3 OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the LCS percent recovery values. Precision was acceptable, as demonstrated by the sample/sample duplicate RPDs.

All data are acceptable for use as qualified; refer to Attachment A.3 for details.

5.0 Data Validation Report
Total Organic Carbons and Dissolved Organic Carbon by Standard Method 5310B

This report documents the review of analytical data from the analyses of water samples and the associated laboratory QC samples. Samples were analyzed by ARI. Compliance Screening (USEPA Stage 2B) was performed on all analytical results by Chell Black as the primary data reviewer, and secondary review was performed by Gretchen Heavner.

5.1 DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes, and any anomalies were discussed in the case narrative.

5.2 TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Quality Control Requirements

Cooler temperature and preservation	Extraction and analysis holding times
Reporting limits and reported results	Blank contamination
Initial and continuing calibrations	LCS recoveries
MS/MSD recoveries and RPD	Sample/sample duplicate RPDs
Field Duplicates	

All QC requirements were met without exception and did not require further evaluation.

5.3 OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the MS, MSD, and LCS recovery values. Precision was acceptable, as demonstrated by the MS/MSD and sample/sample duplicate RPDs.

All data, as reported by the laboratory, are acceptable for use.

6.0 Data Validation Report
Alkalinity by Standard Method 2320

This report documents the review of analytical data from the analyses of water samples and the associated laboratory QC samples. Samples were analyzed by ARI. Compliance Screening (USEPA Stage 2B) was performed on all analytical results by Chell Black as the primary data reviewer, and secondary review was performed by Gretchen Heavner.

6.1 DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes, and any anomalies were discussed in the case narrative.

6.2 TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Quality Control Requirements

Cooler temperature and preservation	Extraction and analysis holding times
Reporting limits and reported results	Blank contamination
Initial and continuing calibrations	Reference material recoveries
Field Duplicates	Sample/sample duplicate RPDs

All QC requirements were met without exception and did not require further evaluation.

6.3 OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the standard reference material percent recovery values. Precision was acceptable, as demonstrated by the sample/sample duplicate RPDs.

All data, as reported by the laboratory, are acceptable for use.

7.0 Data Validation Report
Anions by USEPA 300.0

This report documents the review of analytical data from the analyses of water samples and the associated laboratory QC samples. Samples were analyzed by ARI. Compliance Screening (USEPA Stage 2B) was performed on all analytical results by Chell Black as the primary data reviewer, and secondary review was performed by Gretchen Heavner.

7.1 DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

7.2 TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Quality Control Requirements

	Cooler temperature and preservation	[1]	Extraction and analysis holding times
	Reporting limits and reported results		Blank contamination
[2]	Initial and continuing calibrations		LCS recoveries
[1]	MS/MSD recoveries and RPDs		Sample/sample duplicate RPDs
	Field Duplicates		

Notes:
1 QC results are discussed below, but no data were additionally qualified.
2 QC outliers that impact the reported data were noted. Data qualifiers were issued, as discussed below.

QC requirements that were met without exception are not discussed below. QC requirements that required further evaluation and had exceptions to the validation criteria are discussed below.

7.2.1 Extraction and Analysis Holding Times

SDG 21F0123, 21F0130, and 21F0196

The laboratory noted that samples from these SDGs were received outside of the 48-hour recommended holding time for nitrate, and all impacted results have been flagged "H." This laboratory qualifier will be retained as the final qualifier "J" for detected results, and "UJ" for non-detect results for data table reporting.

7.2.2 Initial and Continuing Calibrations

SDG 21F0123

The laboratory noted in their abstract that the continuing calibration verifications (CCVs) for the matrix spike analysis of sulfate were outside laboratory control limits. As only MS results were reported against the CCV, the laboratory took no further action. It is with professional judgment that no results be qualified based on this CCV information as no field samples were associated with this CCV.

SDG 21F0196

The laboratory noted that the initial calibration for sulfate failed for multiple samples from preparation batches BJF0598 and BJF0599 and that samples were re-analyzed outside of holding with both sets of data being presented. Samples that failed calibration were flagged "E" by the laboratory and samples outside of holding were flagged "H." It is with professional judgement that samples from the initial analysis that failed calibration and were flagged "E" will be qualified as “DNR” in favor of those that passed calibration but were outside of holding. The re-analysis outside of holding will retain the "H" laboratory qualifier as the final qualifier "J" for database storage and data table reporting. Samples that were not flagged "E" for the initial analysis will be retained with the "H" flagged re-analysis results being flagged "DNR" in favor of the original results. Please refer to Attachment A.3 for details.

7.2.3 Matrix Spike and Matrix Spike Duplicate Recoveries

SDG 21F0123

The laboratory noted that both the MS and MSD recoveries for sulfate performed on sample NRC-3SR-GW-060321 (-01) were outside laboratory control limits low at 66.8 percent and 67.1 percent with laboratory control limits of 75 to 125 percent. Per the laboratory, recovery limits for target analytes in MS/MSD QC samples are advisory only, and per USEPA Guidelines are not qualified on that information alone. As all other QA/QC objectives have been met and the LCS recoveries demonstrate adequate accuracy for the method, it is with professional judgment that no results be qualified based on this recovery information alone.

7.3 OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the MS, MSD, and LCS percent recovery values. Precision was acceptable, as demonstrated by the MS/MSD and laboratory sample/laboratory sample duplicate RPDs.

All data are acceptable for use as qualified; refer to Attachment A.3 for details.

8.0 References

U.S. Environmental Protection Agency (USEPA). 2020a. *National Functional Guidelines for Inorganic Superfund Methods Data Review.* Prepared by the Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006/OLEM 9240.1-66. November.

_____. 2020b. *National Functional Guidelines for Organic Superfund Methods Data Review.* Prepared by the Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005/OLEM 9240.0-51. November.

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix A
Data Validation Report

Attachment 1
Project Sample Index Table

DRAFT

Project Sample Index Table
Rio Tinto – Holden Mine Spring 2021 Sampling Event

SDG	Sample ID	Lab ID	Standard Method 2540D-97 (TSS)	Standard Method 2540C-97 (TDS)	USEPA 6020B (Total Metals)	USEPA 6020B (Dissolved Metals)	Standard Method 2320B-97 (Alkalinity)	USEPA 300.0 (Anions)	Standard Method 5310B (TOC)	Standard Method 5310B (DOC)
21F0123	DS-18I-GW-060421	21F0123-15	X	X	X		X	X	X	X
21F0123	DS-18D-GW-060421	21F0123-16	X	X	X		X	X	X	X
21F0123	DS-17S-GW-060421	21F0123-17	X	X	X		X	X	X	X
21F0123	DS-17I-GW-060421	21F0123-18	X	X	X		X	X	X	X
21F0123	FieldBlank-1-GW-060421	21F0123-19 21F0123-20	X	X	X	X	X	X	X	X
21F0123	MW-3-GW-060421	21F0123-21	X	X	X		X	X	X	X
21F0123	SG-7R-WP-060421	21F0123-22	X	X	X		X	X	X	X
21F0123	DS-12S-GW-060421	21F0123-23	X	X	X		X	X	X	X
21F0123	DS-12I-GW-060421	21F0123-24	X	X	X		X	X	X	X
21F0123	DS-12D-GW-060421	21F0123-25	X	X	X		X	X	X	X
21F0123	DS-13S-GW-060421	21F0123-26	X	X	X		X	X	X	X
21F0123	DS-13I-GW-060421	21F0123-27	X	X	X		X	X	X	X
21F0123	DS-13D-GW-060421	21F0123-28	X	X	X		X	X	X	X
21F0123	HBKG-2-GW-060421	21F0123-29	X	X	X		X	X	X	X
21F0123	US-1S-GW-060421	21F0123-30	X	X	X		X	X	X	X
21F0123	US-1I-GW-060421	21F0123-31	X	X	X		X	X	X	X
21F0123	US-1D-GW-060421	21F0123-32	X	X	X		X	X	X	X
21F0123	TP2-12D-GW-060521	21F0123-33	X	X	X		X	X	X	X
21F0123	TP2-12S-GW-060521	21F0123-34	X	X	X		X	X	X	X
21F0123	RC-6-SW-060521	21F0123-35 21F0123-36	X	X	X	X	X	X	X	X
21F0123	RC-6-PW-6-060521	21F0123-37	X	X	X		X	X	X	X
21F0123	RC-6-PW-12-060521	21F0123-38	X	X	X		X	X	X	X
21F0123	RC-6-WP-36-060521	21F0123-39	X	X	X		X	X	X	X
21F0123	RC-1-SW-060521	21F0123-40 21F0123-41	X	X	X	X	X	X	X	X

SDG	Sample ID	Lab ID	Standard Method 2540D-97 (TSS)	Standard Method 2540C-97 (TDS)	USEPA 6020B (Total Metals)	USEPA 6020B (Dissolved Metals)	Standard Method 2320B-97 (Alkalinity)	USEPA 300.0 (Anions)	Standard Method 5310B (TOC)	Standard Method 5310B (DOC)
21F0130	SG-10-PW-6-060521	21F0130-01	X	X	X		X	X	X	X
21F0130	SG-10-PW-12-060521	21F0130-02	X	X	X		X	X	X	X
21F0130	SG-10-WP-36-060521	21F0130-03	X	X	X		X	X	X	X
21F0130	SG-10-SW-060521	21F0130-04 21F0130-05	X	X	X	X	X	X	X	X
21F0130	SG-110-PW-12-060521	21F0130-06	X	X	X		X	X	X	X
21F0130	RC-5A-SW-060521	21F0130-07 21F0130-08	X	X	X	X	X	X	X	X
21F0130	SG-10-WP-060521	21F0130-09	X	X	X		X	X	X	X
21F0130	SG-11-PW-6-060521	21F0130-10	X	X	X		X	X	X	X
21F0130	SG-11-PW-12-060521	21F0130-11 21F0130-12	X	X	X	X	X	X	X	X
21F0130	SG-11-WP-36-060521	21F0130-13	X	X	X		X	X	X	X
21F0130	SG-18-PW-12-060521	21F0130-14	X	X	X		X	X	X	X
21F0130	SG-18-WP-36-060521	21F0130-15	X	X	X		X	X	X	X
21F0130	SG-18-WP-060521	21F0130-16	X	X	X		X	X	X	X
21F0130	TP2-16D-GW-060521	21F0130-17	X	X	X		X	X	X	X
21F0130	TP2-116D-GW-060521	21F0130-18	X	X	X		X	X	X	X
21F0130	TP2-15-GW-060521	21F0130-19	X	X	X		X	X	X	X
21F0130	EB-GW-060521	21F0130-20			X					
21F0130	RC-16-SW-060521	21F0130-21	X	X	X		X	X	X	X
21F0130	RC-4-SW-060521	21F0130-22 21F0130-23	X	X	X	X	X	X	X	X
21F0130	RC-7-SW-060521	21F0130-24 21F0130-25	X	X	X	X	X	X	X	X
21F0130	RC-107-SW-060521	21F0130-26 21F0130-27	X	X	X	X	X	X	X	X
21F0130	SG-17-PW-6-060521	21F0130-28	X	X	X		X	X	X	X
21F0130	SG-17-PW-12-060521	21F0130-29	X	X	X		X	X	X	X
21F0130	SG-17-WP-36-060521	21F0130-30 21F0130-31		X	X	X	X	X		

SDG	Sample ID	Lab ID	Standard Method 2540D-97 (TSS)	Standard Method 2540C-97 (TDS)	USEPA 6020B (Total Metals)	USEPA 6020B (Dissolved Metals)	Standard Method 2320B-97 (Alkalinity)	USEPA 300.0 (Anions)	Standard Method 5310B (TOC)	Standard Method 5310B (DOC)
21F0130	SG-17-WP-060521	21F0130-32	X	X	X		X	X	X	X
21F0130	SG-11-WP-060521	21F0130-33	X	X	X		X	X	X	X
21F0130	SG-18-PW-6-060521	21F0130-34	X	X	X		X	X	X	X
21F0130	EB-GW-060621	21F0130-35			X					
21F0130	SG-11-SW-060621	21F0130-36 21F0130-37	X	X	X	X	X	X	X	X
21F0130	SW-STP3-060621	21F0130-38			X			X		
21F0130	FieldBlank-1-SW-060621	21F0130-39 21F0130-40	X	X	X	X	X	X	X	X
21F0130	TP2-17-GW-060621	21F0130-41	X	X	X		X	X	X	X
21F0130	TP3-14S-GW-060621	21F0130-42 21F0130-43	X	X	X	X	X	X	X	X
21F0130	TP3-14D-GW-060621	21F0130-44	X	X	X		X	X	X	X
21F0130	DS-9D-GW-060621	21F0130-45	X	X	X		X	X	X	X
21F0130	DS-9I-GW-060621	21F0130-46	X	X	X		X	X	X	X
21F0130	DS-9S-GW-060621	21F0130-47	X	X	X		X	X	X	X
21F0130	HV3-GW-060621	21F0130-48	X	X	X		X	X	X	X
21F0130	TP2-14-GW-060621	21F0130-49	X	X	X		X	X	X	X
21F0130	FieldBlank-1-PW-060621	21F0130-50	X	X	X		X	X	X	X
21F0130	SW-TP3-East1-060621	21F0130-51	X	X	X		X	X	X	X
21F0130	SW-TP3-East2-060621	21F0130-52	X	X	X		X	X	X	X
21F0130	SG-9-SW-060621	21F0130-53 21F0130-54	X	X	X	X	X	X	X	X
21F0130	SP-45-060621	21F0130-55			X		X	X		X
21F0130	SP-30-060621	21F0130-56			X		X	X		X
21F0130	SP-48-060621	21F0130-57			X		X	X		X
21F0130	SP-49-060621	21F0130-58			X		X	X		X
21F0130	SP-149-060621	21F0130-59			X		X	X		X
21F0196	DS-5-GW-061021	21F0196-01	X	X	X		X	X	X	X

SDG	Sample ID	Lab ID	Standard Method 2540D-97 (TSS)	Standard Method 2540C-97 (TDS)	USEPA 6020B (Total Metals)	USEPA 6020B (Dissolved Metals)	Standard Method 2320B-97 (Alkalinity)	USEPA 300.0 (Anions)	Standard Method 5310B (TOC)	Standard Method 5310B (DOC)
21F0196	SG-9-PW-12-060621	21F0196-02	X	X	X		X	X	X	X
21F0196	SG-9-PW-6-060621	21F0196-03	X	X	X		X	X	X	X
21F0196	SG-9-WP-36-060621	21F0196-04	X	X	X		X	X	X	X
21F0196	DS-14-GW-060621	21F0196-05 21F0196-06	X	X	X	X	X	X	X	X
21F0196	FB-GW-060621	21F0196-07				X				X
21F0196	SG-9-WP-060621	21F0196-08	X	X	X		X	X	X	X
21F0196	SP-50-060621	21F0196-09			X		X	X		X
21F0196	TP2-13D-GW-060721	21F0196-10	X	X	X		X	X	X	X
21F0196	TP3-12S-GW-060721	21F0196-11	X	X	X		X			
21F0196	TP3-12D-GW-060721	21F0196-12	X	X	X		X	X	X	X
21F0196	TP3-13-GW-060721	21F0196-13	X	X	X		X	X	X	X
21F0196	RC-24-SW-060721	21F0196-14 21F0196-15	X	X	X	X	X	X	X	X
21F0196	SG-12R-WP-060721	21F0196-16	X	X	X		X	X	X	X
21F0196	SG-13-SW-060721	21F0196-17 21F0196-18	X	X	X	X	X	X	X	X
21F0196	RC-2-SW-060721	21F0196-19 21F0196-20	X	X	X	X	X	X	X	X
21F0196	SG-7-PW-6-060721	21F0196-21	X	X	X		X	X	X	X
21F0196	SG-7-PW-12-060721	21F0196-22	X	X	X		X	X	X	X
21F0196	SG-7-WP-36-060721	21F0196-23	X	X	X		X	X	X	X
21F0196	FieldBlank-2-GW-060721	21F0196-24	X	X	X		X	X	X	X
21F0196	SG-107-WP-36-060721	21F0196-25	X	X	X		X	X	X	X
21F0196	RC-13-SW-060721	21F0196-26	X	X	X		X	X	X	X
21F0196	SG-8-WP-36-060721	21F0196-27	X	X	X		X	X	X	X
21F0196	SG-8-WP-060721	21F0196-28	X	X	X		X	X	X	X
21F0196	SP-12-West-060721	21F0196-29			X		X	X		X
21F0196	FieldBlank-1-SP-060721	21F0196-30			X		X	X		X

SDG	Sample ID	Lab ID	Standard Method 2540D-97 (TSS)	Standard Method 2540C-97 (TDS)	USEPA 6020B (Total Metals)	USEPA 6020B (Dissolved Metals)	Standard Method 2320B-97 (Alkalinity)	USEPA 300.0 (Anions)	Standard Method 5310B (TOC)	Standard Method 5310B (DOC)
21F0196	SP-47-060721	21F0196-31			X		X	X		X
21F0196	SP-14A-060921	21F0196-32			X		X	X		X
21F0196	SP-42-060921	21F0196-33			X		X	X		X
21F0196	SP-43-060921	21F0196-34			X		X	X		X
21F0196	SP-41-060921	21F0196-35			X		X	X		X
21F0196	SP-12-East-060921	21F0196-36			X		X	X		X
21F0196	SP-33-060921	21F0196-37			X		X	X		X
21F0196	SP-34-060921	21F0196-38			X		X	X		X
21F0196	DS-3S-GW-060921	21F0196-39	X	X	X		X	X	X	X
21F0196	DS-3D-GW-060921	21F0196-40	X	X	X		X	X	X	X
21F0196	DS-4S-GW-060921	21F0196-41	X	X	X		X	X	X	X
21F0196	DS-4I-GW-060921	21F0196-42 21F0196-43	X	X	X	X	X	X	X	X
21F0196	DS-4D-GW-060921	21F0196-44	X	X	X		X	X	X	X
21F0196	DS-4DD-GW-060921	21F0196-45	X	X	X		X	X	X	X

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix A
Data Validation Report

Attachment 2
Data Qualifier Definitions and Criteria Tables

DRAFT

DATA VALIDATION QUALIFIER CODES
National Functional Guidelines

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents the approximate concentration.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The following is a Floyd|Snider qualifier that may also be assigned during the data review process:

DNR Do not report; a more appropriate result is reported from another analysis or dilution.

Floyd|Snider Validation Guidelines for Metals Analysis by ICP (Based on Inorganic NFG 1994 & 2004)

Validation QC Element	Acceptance Criteria	Action
Cooler Temperature and Preservation	Cooler temperature: 4°C ±2° Waters: Nitric Acid to pH < 2 For Dissolved Metals: 0.45um filter & preserve after filtration Tissues: Frozen	Floyd|Snider Professional Judgment—no qualification based on cooler temperature outliers J(+)/UJ(-) if pH preservation requirements are not met
Holding Time	180 days from date sampled Frozen tissues—HT extended to 2 years	J(+)/UJ(-) if holding time exceeded
Initial Calibration	Blank + minimum 1 standard If more than 1 standard, r > 0.995	J(+)/UJ(-) if r < 0.995 (multi point cal)
Initial Calibration Verification (ICV)	Independent source analyzed immediately after calibration %R within ±10% of true value	J(+)/UJ(-) if %R 75–89% J(+) if %R = 111-125% R(+) if %R > 125% R(+/-) if %R < 75%
Continuing Calibration Verification (CCV)	Every 10 samples, immediately following ICV/ICB and at end of run %R within ±10% of true value	J(+)/UJ(-) if %R = 75–89% J(+) if %R 111-125% R(+) if %R > 125% R(+/-) if %R < 75%

Initial and Continuing Calibration Blank (ICB/CCB)	After each ICV and CCV every ten samples and end of run
	| blank | < IDL (MDL)
		Action level is 5x absolute value of blank conc.
		For (+) blanks, U(+) results < action level
		For (-) blanks, J(+)/UJ(-) results < action level
		(Refer to TM-02 for additional information)

Reporting Limit Standard	2x RL analyzed beginning of run Not required for Al, Ba, Ca, Fe, Mg, Na, K %R = 70%-130% (50%-150% Sb, Pb, Tl)	R(-)/J(+) < 2x RL if %R <50% (< 30% Sb, Pb, Tl) J(+) < 2x RL, UJ(-) if %R 50-69% (30-49% Sb, Pb,Tl) J(+) < 2x RL if %R 130-180% (150-200% Sb, Pb, Tl) R(+) < 2x RL if %R > 180% (200% Sb, Pb, Tl)

Validation QC Element	Acceptance Criteria	Action
Interference Check Samples (ICSA/ICSAB)	ICSAB %R 80 - 120% for all spiked elements | ICSA | < MDL for all unspiked elements except: K, Na	For samples with Al, Ca, Fe, or Mg > ICS levels R(+/-) if %R < 50% J(+) if %R >120% J(+)/UJ(-) if %R= 50—79% Use Professional Judgment for ICSA to determine if bias is present See TM-09 for additional details
Method Blank	One per matrix per batch (batch not to exceed 20 samples) blank < MDL	Action level is 5x blank concentration U(+) results < action level
Laboratory Control Sample (LCS)	One per matrix per batch	
	Blank Spike: %R within 80—120%	R(+/-) if %R < 50% J(+)/UJ(-) if %R = 50—79% J(+) if %R >120%
	CRM: Result within manufacturer's certified acceptance range or project guidelines	J(+)/UJ(-) if < LCL, J(+) if > UCL
Matrix Spikes	One per matrix per batch 75—125% for samples less than 4x spike level	J(+) if %R > 125% J(+)/UJ(-) if %R < 75% J(+)/R(-) if %R < 30% or J(+)/UJ(-) if Post Spike %R 75–125% Qualify all samples in batch
Post-digestion Spike	If Matrix Spike is outside 75–125%, spike at twice the sample conc.	No qualifiers assigned based on this element
Laboratory Duplicate (or MS/MSD)	One per matrix per batch RPD < 20% for samples > 5x RL Diff < RL for samples >RL and < 5x RL (Diff < 2x RL for solids)	J(+)/UJ(-) if RPD > 20% or diff > RL (2x RL for solids) Qualify all samples in batch
Serial Dilution	5x dilution one per matrix %D < 10% for original sample conc. > 50x MDL	J(+)/UJ(-) if %D >10% Qualify all samples in batch

Validation QC Element	Acceptance Criteria	Action
Field Blank	Blank < MDL	Action level is 5x blank conc. U(+) sample values < action level in associated field samples only
Field Duplicate	For results > 5x RL: Water: RPD < 35% Solid: RPD < 50% For results < 5 x RL: Water: Diff < RL Solid: Diff < 2x RL	J(+)/UJ(-) in parent samples only
Linear Range	Sample concentrations must fall within range	J values over range

Floyd|Snider Validation Guidelines for Metals Analysis by ICP-MS (Based on Inorganic NFG 1994 & 2004)

Validation QC Element	Acceptance Criteria	Action
Cooler Temperature and Preservation	Cooler temperature: 4°C ±2° Waters: Nitric Acid to pH < 2 For Dissolved Metals: 0.45um filter & preserve after filtration	Floyd|Snider Professional Judgment—no qualification based on cooler temperature outliers J/UJ if pH preservation requirements are not met
Holding Time	180 days from date sampled Frozen tissues—HT extended to 2 years	J/UJ if holding time exceeded
Tune	Prior to ICAL monitoring compounds analyzed 5 times wih Std Dev. < 5% mass calibration <0.1 amu from True Value Resolution < 0.9 AMU @ 10% peak height or <0.75 amu @ 5% peak height	Use Professional Judgment to evaluate tune J/UJ if tune criteria not met
Initial Calibration	Blank + minimum 1 standard If more than 1 standard, r>0.995	J/UJ if r<0.995 (for multi point cal)
Initial Calibration Verification (ICV)	Independent source analyzed immediately after calibration %R within ±10% of true value	J/UJ if %R 75–89% J if %R = 111-125% R if %R > 125% R if %R < 75%
Continuing Calibration Verification (CCV)	Every ten samples, immediately following ICV/ICB and at end of run ±10% of true value	J/UJ if %R = 75–89% J if %R 111-125% R if %R > 125% R if %R < 75%

Initial and Continuing Calibration Blanks (ICB/CCB)	After each ICV and CCV every ten samples and end of run
	| blank | < IDL (MDL)
		Action level is 5x absolute value of blank conc.
		For (+)blanks, U results < action level
		For (-) blanks, J/UJ results < action level

Validation QC Element	Acceptance Criteria	Action
Reporting Limit Standard (CRI)	2x RL analyzed beginning of run Not required for Al, Ba, Ca, Fe, Mg, Na, K %R = 70%-130% (50%-150% Co,Mn, Zn)	R, < 2x RL if %R < 50% (< 30% Co,Mn, Zn) J < 2x RL, UJ if %R 50-69% (30%-49% Co,Mn, Zn) J < 2x RL if %R 130%-180% (150%-200% Co,Mn, Zn) R < 2x RL if %R > 180% (200% Co, Mn, Zn)
Interference Check Samples (ICSA/ICSAB)	Required by SW 6020, but not 200.8 ICSAB %R 80% - 120% for all spiked elements | ICSA | < IDL (MDL) for all unspiked elements	For samples with Al, Ca, Fe, or Mg > ICS levels R if %R < 50% J if %R >120% J/UJ if %R = 50% to 79% Use Professional Judgment for ICSA to determine if bias is present
Method Blank	One per matrix per batch (batch not to exceed 20 samples) blank < MDL	Action level is 5x blank concentration U results < action level
Laboratory Control Sample (LCS)	One per matrix per batch Blank Spike: %R within 80%-120%	R if %R < 50% J/UJ if %R = 50-79% J if %R >120%
	One per matrix per batch 75-125% for samples where results do not exceed 4x spike level	J if %R>125% J/UJ if %R <75% J/R if %R<30% or J/UJ if Post Spike %R 75%-125% Qualify all samples in batch
Matrix Spike/ Matrix Spike Duplicate (MS/MSD)	One per matrix per batch 75-125% for samples where results do not exceed 4x spike level	J if %R>125% J/UJ if %R <75% J/R if %R<30% or J/UJ if Post Spike %R 75%-125% Qualify all samples in batch
Post-digestion Spike	If Matrix Spike is outside 75-125%, Spike parent sample at 2x the sample conc.	No qualifiers assigned based on this element

Validation QC Element	Acceptance Criteria	Action
Laboratory Duplicate (or MS/MSD)	One per matrix per batch RPD < 20% for samples > 5x RL Diff < RL for samples > RL and < 5 x RL (Diff < 2x RL for solids)	J/UJ if RPD > 20% or diff > RL All samples in batch
Serial Dilution	5x dilution one per matrix %D < 10% for original sample values > 50x MDL	J/UJ if %D >10% All samples in batch
Internal Standards	Every sample SW6020: 60%-125% of cal blank IS 200.8: 30%-120% of cal blank IS	J /UJ all analytes associated with IS outlier
Field Blank	Blank < MDL	Action level is 5x blank conc. U sample values < AL in associated field samples only
Field Duplicate	For results > 5x RL: Water: RPD < 35% Solid: RPD < 50% For results < 5 x RL: Water: Diff < RL Solid: Diff < 2x RL	J/UJ in parent samples only
Linear Range	Sample concentrations must fall within range	J values over range

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix A
Data Validation Report

Attachment 3
Qualified Data Summary Table

DRAFT

Qualified Data Summary Table
Holden Mine Spring 2021

SDG	Sample ID	Lab ID	Method	Analyte	Result	Units	Lab Qualifier	DV Qualifiers
21F0123	NRC-3DR-GW-060321	21F0123-42	EPA 6020B (Dissolved)	Manganese	19.5	µg/L		J-RPD
21F0123	NRC-3DR-GW-060321	21F0123-42RE1	EPA 6020B UCT-KED (Dissolved)	Cadmium	0.0628	µg/L		J-RPD
21F0130	SG-10-PW-12-060521	21F0130-02	EPA 6020B (Total)	Copper	2.22	µg/L		J-RPD
21F0130	SG-17-PW-6-060521	21F0130-28	EPA 6020B UCT-KED (Total)	Copper	2.04	µg/L		J-RPD
21F0130	SP-49-060621	21F0130-58	EPA 6020B (Total)	Manganese	2.91	µg/L		J-RPD
21F0196	SG-9-PW-12-060621	21F0196-02RE1	EPA 300.0	Sulfate	7.38	mg/L	H	DNR
21F0196	SG-9-PW-6-060621	21F0196-03RE1	EPA 300.0	Sulfate	7.65	mg/L	H	DNR
21F0196	SG-9-WP-36-060621	21F0196-04	EPA 300.0	Sulfate	25	mg/L	E	DNR
21F0196	SG-9-WP-36-060621	21F0196-04RE1	EPA 300.0	Sulfate	18.5	mg/L	H, D	J-H
21F0196	DS-14-GW-060621	21F0196-05	EPA 300.0	Sulfate	34.9	mg/L	E	DNR
21F0196	DS-14-GW-060621	21F0196-05RE1	EPA 300.0	Sulfate	27.7	mg/L	H, D	J-H

SDG	Sample ID	Lab ID	Method	Analyte	Result	Units	Lab Qualifier	DV Qualifiers
21F0196	SG-9-WP-060621	21F0196-08	EPA 300.0	Sulfate	34.9	mg/L	E	DNR
21F0196	SG-9-WP-060621	21F0196-08RE1	EPA 300.0	Sulfate	25.5	mg/L	H, D	J-H
21F0196	SP-50-060621	21F0196-09	EPA 300.0	Sulfate	16.1	mg/L	E	DNR
21F0196	SP-50-060621	21F0196-09RE1	EPA 300.0	Sulfate	11.7	mg/L	H, D	J-H
21F0196	TP2-13D-GW-060721	21F0196-10	EPA 300.0	Sulfate	332	mg/L	E	DNR
21F0196	TP2-13D-GW-060721	21F0196-10RE1	EPA 300.0	Sulfate	212	mg/L	H, D	J-H
21F0196	TP3-12D-GW-060721	21F0196-12	EPA 300.0	Sulfate	124	mg/L	E	DNR
21F0196	TP3-12D-GW-060721	21F0196-12RE1	EPA 300.0	Sulfate	72.7	mg/L	H, D	J-H
21F0196	TP3-13-GW-060721	21F0196-13	EPA 300.0	Sulfate	247	mg/L	E	DNR
21F0196	TP3-13-GW-060721	21F0196-13RE1	EPA 300.0	Sulfate	146	mg/L	H, D	J-H
21F0196	RC-24-SW-060721	21F0196-14RE1	EPA 300.0	Sulfate	2.94	mg/L	H	DNR
21F0196	SG-12R-WP-060721	21F0196-16	EPA 300.0	Sulfate	11.9	mg/L	E	DNR
21F0196	SG-12R-WP-060721	21F0196-16RE1	EPA 300.0	Sulfate	9.87	mg/L	H, D	J-H
21F0196	SG-13-SW-060721	21F0196-17RE1	EPA 300.0	Sulfate	5.45	mg/L	H	DNR
21F0196	RC-2-SW-060721	21F0196-19RE1	EPA 300.0	Sulfate	2.81	mg/L	H	DNR

SDG	Sample ID	Lab ID	Method	Analyte	Result	Units	Lab Qualifier	DV Qualifiers
21F0196	RC-2-SW-060721	21F0196-20	EPA 6020B (Dissolved)	Manganese, Dissolved	1.67	µg/L		J-RPD
21F0196	SG-7-PW-6-060721	21F0196-21RE1	EPA 300.0	Sulfate	2.79	mg/L	H	DNR
21F0196	SG-7-PW-12-060721	21F0196-22RE1	EPA 300.0	Sulfate	2.49	mg/L	H	DNR
21F0196	SG-7-WP-36-060721	21F0196-23	EPA 300.0	Sulfate	11.7	mg/L	E	DNR
21F0196	SG-7-WP-36-060721	21F0196-23RE1	EPA 300.0	Sulfate	9.84	mg/L	H, D	J-H
21F0196	FieldBlank-2-GW-060721	21F0196-24RE1	EPA 300.0	Sulfate	0.1	mg/L	H, U	DNR
21F0196	SG-107-WP-36-060721	21F0196-25	EPA 300.0	Sulfate	11.7	mg/L	E	DNR
21F0196	SG-107-WP-36-060721	21F0196-25RE1	EPA 300.0	Sulfate	10	mg/L	H, D	J-H
21F0196	RC-13-SW-060721	21F0196-26RE1	EPA 300.0	Sulfate	3.04	mg/L	H	DNR
21F0196	SG-8-WP-36-060721	21F0196-27RE1	EPA 300.0	Sulfate	3.24	mg/L	H	DNR
21F0196	SG-8-WP-060721	21F0196-28RE1	EPA 300.0	Sulfate	5.04	mg/L	H	DNR
21F0196	SP-12-West-060721	21F0196-29	EPA 300.0	Sulfate	24.2	mg/L	E	DNR
21F0196	SP-12-West-060721	21F0196-29RE1	EPA 300.0	Sulfate	16	mg/L	H, D	J-H

SDG	Sample ID	Lab ID	Method	Analyte	Result	Units	Lab Qualifier	DV Qualifiers
21F0196	FieldBlank-1-SP-060721	21F0196-30RE1	EPA 300.0	Sulfate	0.1	mg/L	H, U	DNR
21F0196	SP-47-060721	21F0196-31RE1	EPA 300.0	Sulfate	7.08	mg/L	H	DNR
21F0196	SP-14A-060921	21F0196-32	EPA 300.0	Sulfate	89.1	mg/L	E	DNR
21F0196	SP-14A-060921	21F0196-32RE1	EPA 300.0	Sulfate	57.8	mg/L	H, D	J-H
21F0196	SP-42-060921	21F0196-33	EPA 300.0	Sulfate	63.1	mg/L	E	DNR
21F0196	SP-42-060921	21F0196-33RE1	EPA 300.0	Sulfate	36.3	mg/L	H, D	J-H
21F0196	SP-43-060921	21F0196-34	EPA 300.0	Sulfate	89	mg/L	E	DNR
21F0196	SP-43-060921	21F0196-34RE1	EPA 300.0	Sulfate	57.5	mg/L	H, D	J-H
21F0196	SP-41-060921	21F0196-35	EPA 300.0	Sulfate	56	mg/L	E	DNR
21F0196	SP-41-060921	21F0196-35RE1	EPA 300.0	Sulfate	39	mg/L	H, D	J-H
21F0196	SP-12-East-060921	21F0196-36	EPA 300.0	Sulfate	42.5	mg/L	E	DNR
21F0196	SP-12-East-060921	21F0196-36RE1	EPA 300.0	Sulfate	28	mg/L	H, D	J-H
21F0196	SP-33-060921	21F0196-37	EPA 300.0	Sulfate	27.6	mg/L	E	DNR
21F0196	SP-33-060921	21F0196-37RE1	EPA 300.0	Sulfate	19.1	mg/L	H, D	J-H
21F0196	SP-34-060921	21F0196-38RE1	EPA 300.0	Sulfate	7.29	mg/L	H	DNR
21F0196	DS-3S-GW-060921	21F0196-39RE1	EPA 300.0	Sulfate	2.93	mg/L	H	DNR
21F0196	DS-3D-GW-060921	21F0196-40RE1	EPA 300.0	Sulfate	5.02	mg/L	H	DNR
21F0196	DS-4S-GW-060921	21F0196-41RE2	EPA 300.0	Sulfate	2.57	mg/L	H	DNR

SDG	Sample ID	Lab ID	Method	Analyte	Result	Units	Lab Qualifier	DV Qualifiers
21F0196	DS-4I-GW-060921	21F0196-42RE3	EPA 300.0	Sulfate	252	mg/L	H, D	DNR
21F0196	DS-4D-GW-060921	21F0196-44RE3	EPA 300.0	Sulfate	9.56	mg/L	H, D	DNR
21F0196	DS-4DD-GW-060921	21F0196-45RE1	EPA 300.0	Sulfate	103	mg/L	D	DNR
21F0196	DS-4DD-GW-060921	21F0196-45RE3	EPA 300.0	Sulfate	44	mg/L	H, D	J-H

Lab Qualifiers:

D The reported value is from a dilution.
E The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
H Hold time violation. Hold time was exceeded.
U This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).

Validation Qualifiers:

DNR Do not report this result, a more appropriate result is available from another dilution or analysis method.
J-H This result should be qualified based on exceeding the method hold time.
J-RPD This result should be qualified based on a duplicate quality control analysis with a relative percent difference outside of control limits.

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix B
Electronic Data Deliverable

(provided as separate electronic file)

DRAFT

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix C
Field Forms

DRAFT

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: KA, NW

Purge Data

Location ID: RC-1-SW

Ecology Tag: no tag

Diameter: NA Screened Interval: NA

Total Depth: NA Transducer S/N: NA

Location Condition (Well damage, creek level, iron staining, fire damage): good - bank is stable

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No NA

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): Time:

After 5 minutes of purging (from TOC):

Begin purge (time): End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal FL)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
12:23	-	-	6.38	11.56	17.6	5.37	6.9	48.3	
12:26	-	-	6.27	11.96	17.6	5.43	6.9	53.4	

Ferrous Iron Field Test mg/L or ☑ Not Detected

Sampling Data

Sample No: RC-1-SW-060521 Depth of tubing/distance from shore: NA

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 11:50 Weather: partly cloudy

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☐ disposable 0.45-µm ☐

Sample Collected with: ☑ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other):

Sample Analyses

Total Metals	(HNO3)	☑	TDS/TSS	(unpres)	☑	TOC	(H2SO4)	☑	Cl/SO4/NO3	(unpres)	☑		☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☑	DOC (filtered)	(H2SO4)	☑	Hardness	(calculated)	☑		☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		7		

Signature: Date: 5/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: June 2021 Field Personnel: B. Beaulieu

Purge Data

Location ID: RC-2

Ecology Tag N/A

Diameter: – Screened Interval: –

Total Depth: – Transducer S/N: –

Location Condition (Well damage, creek level, iron staining, fire damage): @ SG-7-STW water level high but lower than previous week

Secure: ☐ Yes ☒ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers:

One Casing Volume (gal): N/A

Depth of water (from TOC or staff gauge): Time:

After 5 minutes of purging (from TOC):

Begin purge (time): 9:45 End purge (time):

Volume purged: Purge water disposal method: 91 Dump

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
9:50			5.92	14.15	29.6		5.3	152.8	
9:55			5.94	11.97	28.6	2.44	5.3	146.7	
MS/MSD collected									

Ferrous Iron Field Test mg/L or ☐ Not Detected

Sampling Data

Sample No: RC-2-SW-060721 Depth of tubing/distance from shore: 5 Ft from shore, 1 Ft below

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 9:01 Weather: Hazy cloudy, SDS

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☐ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Hach Flow Rate (L/min): 200 mL/min

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	4	☐ Field Duplicate	
500 mL HDPE	HNO3	4	☑ MS/MSD	
500 mL HDPE	none	2	☐ Field Blank	
250 mL Glass Amber	H2SO4	4	☐ Rinsate	

Signature: Todd Beaulieu **Date:** 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: KH, NW

Purge Data

Location ID: RC-4-SW

Ecology Tag: NA

Diameter: NA Screened Interval: NA

Total Depth: NA Transducer S/N: NA

Location Condition (Well damage, creek level, iron staining, fire damage):

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers: KH 6/5/21

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 2.5 Time: 13:34

After 5 minutes of purging (from TOC): NA

Begin purge (time): NA End purge (time):

Volume purged: NA Purge water disposal method: NA

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Linal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
13:45	-	-	6.07	12.62	17.6	6.95	5.4	81.5	
13:49	-	-	6.09	12.53	17.5	-	5.4	78.6	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: RC-4-SW-060521 Depth of tubing/distance from shore: 6" deep, 3' from shore

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 13:40 Weather: overcast, raining

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☐ _____

Sample Collected with: ☑ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): slightly turbid in river

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑			( ) ☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑			( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2/7	☐ Rinsate	

Signature: Ken Hitchcock Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: June 2021 Field Personnel: S. Beaulieu, Nathan Schaefer

Purge Data

Location ID: RC-5A

Ecology Tag: —

Diameter: — Screened Interval: —

Total Depth: — Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): High water conditions

Secure: ☐ Yes ☑ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): — Time: —

After 5 minutes of purging (from TOC): —

Begin purge (time): 9:54 End purge (time):

Volume purged: — Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Hach LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
9:50	—	2L	5.88	11.40	31.8		5.9	165.3	
9:58	—	5	5.34*	10.94	28.7	4.63	5.9	159.4	

*pH meter is not correct based on comparison to another probe. Actual pH is approximately 6.10

Ferrous Iron Field Test ____ mg/L or ☑ Not Detected

Sampling Data

Sample No: RC-5A-SW-060521 Depth of tubing/distance from shore: 4' from shore, 6" below

Date Collected (mo/dy/yr): 06/05/21 Time Sample Collected: 9:50 Weather: Partly cloudy

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type: ☑ disposable 0.45-um ☐ ____

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): ~.5 L/min

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑			☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑			☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		7		

Signature: [signature] **Date:** 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: NBW & KH

Purge Data

Location ID: RC-6

Ecology Tag

Diameter: ____ Screened Interval: ____

GPS: ____

Total Depth: ____ Transducer S/N: ____

Location Condition (Well damage, creek level, iron staining, fire damage): High water

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers: ____

One Casing Volume (gal): ____

Depth of water (from top of casing): ____

After 5 minutes of purging (from TOC): ____

Begin purge (time): ____ End purge (time): ____

Volume purged: ____ Purge water disposal method: ____

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
814	2.30 (56)	N/A	5.45	14.67	15.9	4.55	5.0	196.7	
831	2.35	—	5.91	12.84	16.0	4.71	5.0	127.7	

Ferrous Iron Field Test ____ mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: ____ NTU

Sampling Data

Sample No: RC-6-SW-060521 Depth of tubing/distance from shore: 5 ft.

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 820 Weather: cloud, light rain

Duplicate Sample No: ✓ Time Duplicate Sample Collected: ✓

Type: ☐ Groundwater ☒ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐ ____

Sample Collected with: ☒ Grab ☒ Pump Other: ____ Type: ☒ Peristaltic ☐ Bladder Other ____ Flow Rate (L/min): ____

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☒ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): ____

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☐	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☐	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: ____ Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: KH, NW

Purge Data

Location ID: ~~RC-7-SW~~ RC-7-SW

Ecology Tag: No tag

Diameter: NA Screened Interval: NA

Total Depth: NA Transducer S/N: NA

Location Condition (Well damage, creek level, iron staining, fire damage):

Secure: ☐ Yes ☐ No KH 6/5/21 Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 2.55 Time: 16:24

After 5 minutes of purging (from TOC): 6/5/21 KH

Begin purge (time): End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
16:23	-	-	6.16	13.03	17.8	5.38	5.2	80.2	
16:26	-	-	6.18	12.89	17.8	4.44	5.2	77.6	

Ferrous Iron Field Test mg/L or ☑ Not Detected

Sampling Data

Sample No: RC-7-SW-060521 Depth of tubing/distance from shore: 6" deep, 5' from shore

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 16:27 Weather: overcast, raining

Duplicate Sample No: RC-107-SW-060521 Time Duplicate Sample Collected: 16:30

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☑ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other):

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☑ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		7		

Signature: Ken Hutton Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: RC-13

Ecology Tag: N/A

Diameter: Screened Interval:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): N/A

Secured: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: Yes

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 0.8 Time: 1410

After 5 minutes of purging (from TOC): N/A

Begin purge (time): 1410 End purge (time): 1413

Volume purged: 2.5 1413 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC) (staff gauge)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU) (HACH ~~Calmotte~~)	Temp (°C)	ORP (mV)	Comments
1412	0.8	2.5	6.28	11.40	29.7	1.83	7.3	139.8	

Ferrous Iron Field Test mg/L or ☒ Not Detected

Sampling Data

Sample No: RC-13-SW-060721 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 1413 Weather: Cloudy

Duplicate Sample No: N/A Time Duplicate Sample Collected:

Type: ☐ Groundwater ☒ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☐ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☑ ~~Calmotte~~ HACH (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☒ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3)	☒	TDS/TSS	(unpres)	☒	TOC	(H2SO4)	☒	Cl/SO4/NO3	(unpres)	☐		( ) ☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☒	DOC (filtered)	(H2SO4)	☑	Hardness	(calculated)	☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: KH, NW

Purge Data

Location ID: RC-16-SW

Ecology Tag: no tag

Diameter: NA Screened Interval: NA

Total Depth: NA Transducer S/N: NA

Location Condition (Well damage, creek level, iron staining, fire damage):

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers: KH 6/5/21

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): no staff gauge Time:

After 5 minutes of purging (from TOC): KH 6/5/21

Begin purge (time): End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft)	Weight of Water (Lbs/Lineal Ft)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
15:20	-	-	6.06	18.31	18.1	3.75	4.6	83.4	
15:23	-	-	6.22	13.92	18.1	2.59	4.7	77.1	
15:26	-	-	6.35	13.03	18.1	-	4.7	72.9	

Ferrous Iron Field Test: _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: RC-16-SW-060521 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 14:55 Weather: raining

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☐ _____

Sample Collected with: ☑ Grab ☐ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): water is turbid in creek

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐		( ) ☐
~~Diss Metals~~ (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	4	☐ Field Duplicate	MS/MSD sample
500 mL HDPE	HNO3	2	☑ MS/MSD	Total metals only, no dissolved
500 mL HDPE	none	2	☐ Field Blank	
250 mL Glass Amber	H2SO4	4	☐ Rinsate	
		~~12~~		

Signature: Kim Hilton Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: Spring 2021 Field Personnel: NW & EM

Purge Data

Location ID: RC-24

Ecology Tag

Diameter: Screened Interval:

GPS:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): N/A

Secure: ☐ Yes ☒ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from top of casing): 5.6. DSHG 0.7

After 5 minutes of purging (from TOC):

Begin purge (time): End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1231	N/A	—	7.00	13.61	31.2	6.67	5.9	70.5	5.6. 0.9

Ferrous Iron Field Test mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: NTU

Sampling Data

Sample No: RC-24-SW-060721 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 1245 Weather: Sun

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☒ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☐ Filtered Filter Type: ☒ Disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☒ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☒ SI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☒ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☒	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: SG-9 Field Personnel: G Beaulieu, Nick Waldo

Purge Data

Location ID: SG-9

Ecology Tag: —

Diameter: — Screened Interval: —

Total Depth: — Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): high water

Secure: ☐ Yes ☑ No N/A Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): — Time: —

After 5 minutes of purging (from TOC):

Begin purge (time): 14:05 End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
MDG			6.25	15.05	40.4	2.90	5.1	119.6	
14:13			6.25	14.16	39.5	3.35	5.2	121.6	

Ferrous Iron Field Test ____ mg/L or ☑ Not Detected

Sampling Data

Sample No: SG-9-Siv-060621 Depth of tubing/distance from shore: 5' from shore, 1' below surface

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 14:14 Weather: light rain, 50°

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☐ disposable 0.45-µm ☐ —

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 522 mL/min

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ; ☑ LaMotte (Turbidity only) Other: 1 bail

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☑	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: N. Schaldenbrand

Purge Data

Location ID: SG-10-SW

Ecology Tag: —

Diameter: — Screened Interval: —

Total Depth: — Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): Creek high

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: —

One Casing Volume (gal): —

Depth of water (from TOC or staff gauge): — Time: —

After 5 minutes of purging (from TOC): —

Begin purge (time): 1407 End purge (time): —

Volume purged: — Purge water disposal method: @ Site

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Lineal Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1410	—	—	5.62	9.26	121.6	3.18	6.3	91.3	

Ferrous Iron Field Test ND mg/L or ☑ Not Detected

Sampling Data

Sample No: SG-10-SW-060521 Depth of tubing/distance from shore: ~8'

Date Collected (mo/dy/yr): 6/5/2021 Time Sample Collected: 1415 Weather: raining, high 51°F

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐ —

Sample Collected with: ☐ Grab ☑ Pump Other: — Type: ☑ Peristaltic ☐ Bladder Other: — Flow Rate (L/min): 200

Water Quality Instrument Data Collected with: Type: : ☐ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach / YSI Quanta

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐	—	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☐	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☐	—	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] **Date:** 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: June 2021 Field Personnel: B Beaulieu, N. Waldo

Purge Data

Location ID: SG-11 (SW)

Ecology Tag: -

Diameter: - Screened Interval: -

Total Depth: - Transducer S/N: -

Location Condition (Well damage, creek level, iron staining, fire damage): high water

Secure: ☐ Yes ☑ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 2.65 Time: 9:56

After 5 minutes of purging (from TOC): -

Begin purge (time): 9:15 End purge (time): 9:27

Volume purged: 2 Gal Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.087"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Hach Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
9:19		-	6.08	13.15	93.8	5.12	4.9	154.1	SpC not resp.
9:22			5.88	12.87	33.9	3.65	4.9	156.1	

Ferrous Iron Field Test mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-11-SW-060021 Depth of tubing/distance from shore: 5 ft from bank, at staff gauge

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 9:27 Weather: cloudy, SOS

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45 µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 500 mL/min

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☑ LaMotte Hach (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] **Date:** 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: Spring 2021 Field Personnel: NW & EM

Purge Data

Location ID: SG-13

Ecology Tag

Diameter: Screened Interval:

GPS:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): path has been cleared of largest logs, sl. algal, overgrown

Secure: ☐ Yes ☒ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from top of casing): 5.6, 3.10

After 5 minutes of purging (from TOC):

Begin purge (time): End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
847	SG. 3.10		6.95	12.25	42.3	2.20	4.8	61.4	

Ferrous Iron Field Test mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: NTU

Sampling Data

Sample No: SG-13-SW-060721 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 850 Weather: part sun

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☒ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☒ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with ☒ disposable and/or dedicated silicon and poly tubing ☒ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☒	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	SG-13-WP DTW: 6.40
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	Lots of woody particulates
250 mL Glass Amber	H2SO4	2	☐ Rinsate	suspended in creek

Signature: Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: Spring 2021 Field Personnel: KH, NS

Purge Data

Location ID: SW-STP3

Ecology Tag: –

Diameter: – Screened Interval: –

Total Depth: – Transducer S/N: –

Location Condition (Well damage, creek level, iron staining, fire damage): _____

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

KH 6/6/21

Depth of water (from TOC or staff gauge): _____ Time: _____

After 5 minutes of purging (from TOC): _____

Begin purge (time): _____ End purge (time): _____

Volume purged: _____ Purge water disposal method: _____

KH 6/6/21

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
11:15	–	–	6.03	11.93	40.3	1.12	4.4	134.6	
11:17	–	–	6.09	11.86	40.3	–	4.4	133.0	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No. SW-STP3-060621 Depth of tubing/distance from shore: NA

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 11:15 Weather: overcast

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☑ Grab ☐ Pump Other: _____ Type: ☐ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS (Quatro) ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☐	Cl/SO4/NO3	(unpres) ☑	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☐	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☐	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none		☐ Field Duplicate	Photos available
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Kan Hatch Date: 6/6/21

Project: SE-Holden Mine

Event: Spring 2021

Groundwater Level Collection Form

Field Personnel: N. Schachtman, G. Cisneros

Location Type	Location ID	Ecology Tag	Date	Time	Static Depth to Water 1	Static Depth to Water 2	Total Depth	Dry?	Transducer?	Overgrown?	Damaged?	Well Condition/Remarks (well ok, missing caps, bolts, not accessible, etc)
Monitoring Well	DS-3S	AFS845	6/4/21	7:36	12.20	12.20	28.95					
Monitoring Well	DS-3D	AFS844	6/4/21	7:37	13.46	13.46	51.70				Hinge	No hinge, Soft bottom
Monitoring Well	DS-4S	AFS843	6/4/21	7:48	~~26.45~~	8.45	26.93		✓			
Monitoring Well	DS-4I	BBB129	6/4/21	~~12:34~~	12:34	12:34	68.34		✓			
Monitoring Well	DS-4D	AFS842	6/4/21	07:49	10.77	10:77	51.95					
Monitoring Well	DS-4DD	BBB111	6/4/21	7:42	14.28	14.28	124.72					
Staff Gauge	SG-8	—	6/4/21	7:55	2.8	2.8	—				✓	Appears slightly bent. WL=average b/n highest lowest
Well Point	SG-8-WP	—	6/4/21	7:53	3.26	3.26	6.87					
Staff Gauge	SG-16										yes	Staff gauge gone, Fence post bent over
Well Point	SG-16-WP	—	6/4/21	08:03	3.55	3.55	9.26					
Monitoring Well	DS-9S	BBB117	6/4/21	0820	9.92	9.92	27.90		✓			
Monitoring Well	DS-9I	BBB116	6/4/21	0818	10.14	10.14	54.98		✓			
Monitoring Well	DS-9D	BBB118	6/4/21	0821	7.27	7.25	74.00					
Staff Gauge	SG-9										—	Staff gauge gone, Fence post bent under water
Well Point	SG-9-WP	—	6/4/21	08:10	2.39	2.39	6.95					
Well Point	DS-14	—	6/4/21	0814	3.43	3.43	12.53					
Staff Gauge	SG-17											Staff gauge gone, Fence post bent
Well Point	SG-17-WP	—	6/4/21	08:28	3.25	3.25	9.20					WL=average high + low
Staff Gauge	SG-10	—	6/4/21	08:33	2.8	2.8	—					
Stilling well	SG-10STW											3' water, running fast, not safe to sample
Well Point	SG-10-WP	—	6/4/21	08:32	3.09	3.09	7.14					Need wrench to open 08:35am
Staff Gauge	SG-18	—	6/4/21	08:42	3.1	3.1	—					Broken @ 3'.
Well Point	SG-18-WP	—	6/4/21	08:41	4.00	4.00	9.54					
Staff Gauge	SG-11	—	6/4/21	08:49	2.8	2.8	—					WL = high + low / 2
Well Point	SG-11-WP	—	6/4/21	08:48	3.16	3.16	6.16					
Staff Gauge	SG-WL2											
Stilling well	SG-WL2STW											
Well Point	SG-WL2-WP											

Project: RT-Holden Mine

Event: Spring 2021

Groundwater Level Collection Form

Field Personnel: KH, NW

Location Type	Location ID	Ecology Tag	Date	Time	Static Depth to Water 1	Static Depth to Water 2	Total Depth	Dry?	Transducer?	Overgrown?	Damaged?	Well Condition/Remarks (well ok, missing caps, bolts, not accessible, etc)
Staff Gauge	RC-6	N/A	6/4/21	8:05	2.5	2.5	n/a	NO	NO	NO		High water on trail, hard to access
Monitoring Well	US-1S	BBJ265		7:46	5.53	5.53	28.23	No	No	No	No	Soft bottom
Monitoring Well	US-1I	BBJ ~~264~~ 265		7:52	6.39	6.39	38.96	No	No	No	No	—
Monitoring Well	US-1D	BBJ263		7:49	6.72	6.72	62.75	No	No	No	No	Soft bottom
Monitoring Well	MW-3	AHR111		10:05	8.54	8.54	23.42	No	No	No	No	—
Monitoring Well	MW-2	AHR110		10:08	7.75	7.75	32.64	No	No	No	No	hinge half-way broken on monument *
Monitoring Well	MW-4D	AHR112		10:20	14.62	14.62	27.8	No	No	No	No	Equipment in well. Bottom depth uncertain.
Monitoring Well	MW-4S	AHR113		~~10:33~~ 10:27	14.11	14.11	18.82	No	No	NO	No	
Monitoring Well	MW-1	AHR109		10:13	5.48	5.48	23.73	No	Yes	No	No	—
Staff Gauge	RC-4	—		8:48	3.10	3.10	-	-	-	No	No	WL measured at lower gauge; 2.85@ upper gauge
Monitoring Well	HV-1	None		9:58	3.68	3.68	14.85	No	No	NO	No	very soft bottom
Monitoring Well	NRC-1D	BAN472		8:54	7.32	7.32	16.99	No	No	No	No	—
Monitoring Well	HV-3	None		9:40	53.37	53.37	NA	No	No	No	No	Bladder pump
Monitoring Well	NRC-5D	BAN471		9:38	53.87	53.87	NA	No	No	No	No	—
Monitoring Well	HV-2S	None		9:03	5.91	5.90	13.9	No	No	No	No	Soft bottom
Monitoring Well	HV-2D	None		9:06	6.47	6.47	23.92	No	No	No	No	—
Monitoring Well	RC-PZ-2	BHK035		9:12	2.81	2.81	19.34	No	No	No	No	—
Monitoring Well	RC-PZ-4	BHK037		9:21	12.90	~~12.89~~	32.28	No	No	No	No	— Soft bottom
Staff Gauge	STW-1-SG	N/A		~~9:58~~ 10:44	2.85		N/A	N/A	N/A	NO	NO	aka DS-16-SG:
Stilling well	STW-1	—										Water to deep to access well
Monitoring Well	NRC-4D	BAN474		10:56	21.74	21.74	71.10	No	No	No	No	Soft bottom
Staff Gauge	SG-7										yes	— Good
Well Point	SG-7R-WP											Pam and Tyler's field notes
Staff Gauge	SG-7STW-SG											
Stilling well	SG-7STW											
Monitoring Well	NRC-3SR											
Monitoring Well	NRC-3IR											
Monitoring Well	NRC-3DR											
Staff Gauge	SG-14										Yes	No readable
Well Point	SG-14-WP											Not accessible
Monitoring Well	NRC-6S	BAN480		11:13	38.20	38.21	50.47	No	No	No	No	silty on bottom
Monitoring Well	NRC-6I	BAN479		11:15	39.21	39.21	88.41	No	No	No	No	—

* well maintenance

Project: RF-Holden Mine

Event: Spring 2021

Groundwater Level Collection Form

Field Personnel: KH, NW

Location Type	Location ID	Ecology Tag	Date	Time	Static Depth to Water 1	Static Depth to Water 2	Total Depth	Dry?	Transducer?	Overgrown?	Damaged?-	Well Condition/Remarks (well ok, missing caps, bolts, not accessible, etc)
Monitoring Well	NRC-6D	BAN478	6/9/21	1117	38.90	38.93	134.82	No	No	No	No	Equipment in well
Monitoring Well	DS-5											Not accessible

Project: RT-Holden Mine

Event: Spring 2021

Groundwater Level Collection Form

Field Personnel: R.O. + T.S.

Location Type	Location ID	BIO 871 Ecology Tag	Date	Time	Static Depth to Water 1	Static Depth to Water 2	Total Depth	Dry?	Transducer?	Overgrown?	Damaged?	Well Condition/Remarks (well ok, missing caps, bolts, not accessible, etc)
Monitoring Well	TP1-8S	~~None~~	6/4	7:39	47.52	47.53	48.73	No?	Yes	No	No	
Monitoring Well	TP1-8D	BIO 873		7:41	48.51	~~47.27~~	67.27	No	No	No	No	
Monitoring Well	TP1-9S	BIO 852		7:54	~~47.57~~	36.80			Yes	No	No	
Monitoring Well	TP1-9D	BIO 872		7:56	—	50.03	66.11	No	No	No	No	
Monitoring Well	TP1-10S	BIO 865		7:51	39.24	—	40.65	yes?	No	No	No	
Monitoring Well	TP1-10D	BIO 864		7:56	46.84	—	47.70	yes?	No	No	No	
Monitoring Well	TP2-12S											Transducer Form
Monitoring Well	TP2-12D											Transducer Form
Monitoring Well	TP2-14	BIO 866		8:24	53.65	—	80.44	No	No	No	No	
Monitoring Well	TP2-15											Transducer Form
Monitoring Well	TP2-16S	None		8:10	41.98		42.25	(yes)				No tubing *
Monitoring Well	TP2-16D	BIO 858		8:05	47.10	—	64.77	No	No	No	No	
Monitoring Well	TP2-13S											Transducer Form
Monitoring Well	TP2-13D											Transducer Form
Monitoring Well	TP2-17	BIO 857		8:15	82.00	—	110.84	No	No	No	No	(Tubing Stuck) **
Monitoring Well	TP3-13											
Monitoring Well	TP3-14S											
Monitoring Well	TP3-14D											Transducer Form
Monitoring Well	TP3-12S											
Monitoring Well	TP3-12D											
Staff Gauge	DS-15-SG			9:08	~3.0							
Stilling well	DS-15-STW				—							
Monitoring Well	DS-15S	BLW 310		9:09	13.69	—	—	No	Yes	—	—	
Monitoring Well	DS-15I	BLW 311		9:10	13.56	—	—	No	yes	—	—	
~~Surface Water~~	~~RC-24~~											
Staff Gauge	DS-16-SG	—		9:14	~3.6							
Monitoring Well	DS-16S	BLW 312		9:15	16.39	—	—	No	yes	No	No	
Monitoring Well	DS-16I	BLW 313		9:17	18.48	—	—	No	yes	—	—	
Monitoring Well	DS-16D	BLW 314		9:16	18.01	—	—	No	No	—	—	
Monitoring Well	DS-17S	BLW 315		9:25	12.85	—	—		yes	—	—	
Monitoring Well	DS-17I	BLW 316		9:26	13.34	—	—		yes	—	—	
Staff Gauge	DS-18-SG	—		9:29	~3.85	—	—		yes	—	—	

Project: Rt-Holden Mine

Event:

Groundwater Level Collection Form

Field Personnel:

Location Type	Location ID	Ecology Tag	Date	Time	Static Depth to Water 1 (ft bTOC)	Static Depth to Water 2	Total Depth	Dry?	Transducer?	Overgrown?	Damaged?	Well Condition/Remarks (well ok, missing caps, bolts, not accessible, etc)
Stilling well	DS-18-STW	—	6/4	—								
Monitoring Well	DS-18S	BLW317		9:31	11.47	—	—	—	yes	—	—	
Monitoring Well	DS-18I	BLW318		9:33	11.37	11.37	—	—	yes	—	—	
Monitoring Well	DS-18D	BLW319		9:32	23.23	—	—	—	No	—	—	Bladder pump (DTW measured at TOC)
Monitoring Well	DS-12S	B10848		8:52	5.64	—	—	—	yes	—		
Monitoring Well	DS-12I	B10847		8:53	4.64	—	—	—	↓	—		
Monitoring Well	DS-12D	B10849		8:49	4.52	—	66.25	—		—		
Monitoring Well	DS-13S	B10854		8:55	6.10	—	—	—		—		
Monitoring Well	DS-13I	B10851		8:58	5.23	—	—	—		—		
Monitoring Well	DS-13D	B10850		8:54	13.92	—	—	—		—		
Staff Gauge	SG-WL1	—		8:44	1.40	—	—	—	—	—	—	
Stilling well	SG-WL1STW	—	↓	—								
Well Point	SG-WL1-WP	—	6/4	8:42	0.74	—	9.46+6"	No	No	No	No	Dry ground (Lost stickup = 0.73')
Staff Gauge	SG-15	—		9:40	2.8	- top broken off						> Need rubber boots to access
Well Point	SG-15-WP	—	↓	9:45	4.63'							
	SG-WL2	—		9:52	1.82'							
	SG-WL2-WP	—	↓	9:52	1.34'							
	~~SG-6~~											
					TOC	TO Coupling						
	NRC-3DR	BLN930	6/4	10:58	24.97'	see note	119'	—	yes	—	—	Top of coupling white = 25.14 / gray = 25.07
	NRC-3SR	BLN932		11:02	15.37			—	yes	—		
	NRC-3IR	BLN931		11:03	14.77		73'	—	yes	—		
	SG-7R-WP	—		11:06	1.11'	—	—	—	No	—	—	
	SG-7 STW	—	↓	11:05	3.4'	—	—	—	yes	—	yes	Casing tilted

FLOYD | SNIDER

Pressure Transducers and Conductivity Loggers

Holden Mine Site

– Personnel: Glen W., Nathan S. BB

Well ID	Ecology Tag	Serial No. (last 4 or 5)	Date	Time	Depth to Water (feet bTOC)	Unit Range	Set Depth (feet bTOC)	Reinstall Time	Reinstall DTW
DS-8S	AFS 845	7028 ✓	6/4/21	11:53	12.26	5 m	25	12:02	12.26
	~~Serial not checked.~~ BB								
DS-4I	BLW 929	7031 ✓	6/4/21	12:11	12.37	5 m	25	12:14	12.37
DS-4S	AFS 843	7035 ✓	6/4/21	12:17	8.52	5 m	20	12:22	8.52
DS-9I	BSB 116	7039	6/4/21	11:33	10.18	5 m	20	11:40	10.17
DS-9S	BSB 117	7071 ✓	6/4/21	11:27	9.94	5 m	20	11:30	9.94
DS-12D	~~BSB~~ 849	D 360 ✓	6/4/21	9:49	4.53	5 m	13	9:55	4.53
DS-12I	BLO 847	7073 ✓	6/4/21	10:01	4.62	5 m	15	~~4.58~~ 10:16	4.58
DS-12S	BLO 848	7044 ✓	6/4/21	10:07	5.64	5 m	15	10:15	5.64
DS-13D	BLO-850	7057 ✓	6/3/21	16:42	14.06	5 m	15	1652	14.01
DS-13I	BLO-851	7038 ✓	6/3/21	16:46	5.31	5 m	15	16:57	~~5.27~~ 5.27 BB
DS-13S	BLO-854	1017 (3) ✓	6/3/21	17:00	16.16	5 m	15	1714	6.13
	Calibrate conductivity logger at ~~1418~~ uS/cm 1413 µS								
DS-15I	BLW 311	7034 ✓	6/3/21	13:47	13.62	5 m	30	1355	13.51
DS-15S	BLW 310	~~9594~~ (3) 9599	6/3/21	14:00	13.74	5 m	22	142	13.69
	Calibrate conductivity logger at ~~1418~~ uS/cm 9599 Transducer 9594 Recalibrate 1413 µS								
DS-15-STW	–	24502 ✓	6/3/21	14:28	1.50	5 m	4	1442	1.50
	DS-15-SG 2.90 @ 14:27								
DS-16I	BLW-313	7040 ✓	6/3/21	14:49	18.63	5 m	35	1455	18.62
DS-16S	BLW-312	9607 (3) ✓	6/3/21	14:58	16.46	5 m	25	15:15	16.43
	Calibrate conductivity logger at ~~1418~~ uS/cm 1413 µS (recalibrate) DS-16-SG ~2.60 @ 15:09								
DS-17I	BLW-316	7072 ✓	6/3/21	15:21	13.44	5 m	30	15:31	13.50
DS-17S	BLW-315	9608 (3)	6/3/21	15:33	12.95	5 m	20	15:52	12.91
	Calibrate conductivity logger at ~~1418~~ uS/cm 1413 µS new cable - Serial number not confirmed.								
DS-18I	BLW-318	7037 ✓	6/3/21	15:56	11.43	5 m	30	16:03	11:45
	DS-18-STW stickup = 2.8 ft								
DS-18S	BLW-317	9595 (3) ✓	6/3/21	16:05	~~11.45~~ 11.53 BB	5 m	20	16:17	11.49
	Calibrate conductivity logger at ~~1418~~ uS/cm 1413 µS/cm recalibrate								
DS-18-STW	--	25201 ✓	6/3/21	16:20	2.42	5 m	4.75	16:32	2.42
NRC-3DR	BLN 930	7065 ✓	6/3/21	13:22	25.13	5 m	37	13:34	25.13
NRC-3IR	BLN 931	7041 ✓	6/3/21	13:12	14.86	5 m	25	13:21	14.86

DS-16D = 18.20 @ 14:46 6/3/21 18.20

DS-18D = 23.39 @ 16:06 6/3/21

FLOYD | SNIDER

Pressure Transducers and Conductivity Loggers

Holden Mine Site Tag. Date Time DTW(ft) Personnel: Glen W., Nathan S. Blatt

Reinstall Time / Reinstall DTW

NRC-3SR	BLN 932	7026 ✓	6/3/21	12:55	15.44	5 m	25	13:15	15.38
SG-10STW	–	0996	6-7-21	1446	~~2.90~~	5 m	4.70		
	Flush sediment out of pipe			1535	2.85				
SG-7STW	–	993	6-7-21	1446	2.90	5 m	4.58		
SG-WL1-STW	–	23924 ✓	6/4/21	9:46	4.01	5 m	5.25		
	Staff gauge = 1.39 * staff is cracked – use stilling well water levels.								
SG-WL2STW	–	354	6/4/21	10:32	3.15	5 m	4.3		
	Staff gauge = 2.82.								
STW-1	–	1008				5 m	4.93		
	6/4/21: Staff gauge: ~2.9 (log stuck to edge). Not accessible to STW on 6/4/21.								
TP1-8S	B10 871	0351 ✓	6/4/21	7:39	47.53	5 m	48.3	7:47	47.53
TP1-9S	B10 852	0341 ✓	6/4/21	7:54	36.90	5 m	36.6	7:57	36.90
TP2-12D	B10 855	7134 ✓	6/4/21	8:14	91.27	10 m	115	8:17	91.27
	I Depth = 83								
TP2-12S	B10 856	7056 ✓	6/4/21	8:05	92.13	5 m	101.2	8:10	92.18
TP2-13D	B10 863	7140 ✓	6/4/21	8:43	114.72	10 m	130	8:46	114.72
TP2-15	B10 860	7030 ✓	6/4/21	8:26	105.57	5 m	116	8:28	105.57
TP3-12D	B10 869	7137 ✓	6/4/21	9:21	76.11	10 m	90	9:30	76.11
TP3-12S	B10 870	7027 ✓	6/4/21	9:15	76.52	5 m	84.5	9:18	76.52
TP3-13	B10 861	7064 ✓	6/4/21	8:52	103.27	5 m	115	8:52	103.27
TP3-14D	B10 853	7135 ✓	6/4/21	9:08	81.98	10 m	98	9:09	81.98
BAROLOGGER [4]	DS-4I	6911	6/4/21	12:13	—	NA	NA	12:40	—

SG-WL2-STW: 3 @ 6/4/21

TP2-13S: DTW = 113.74 @ 8:39 6/4/21

TP3-14S: DTW = 79.80 @ 9:01 6/4/21 ID = 93.18

Notes:

1 Solinst Leveldogger Edge 3001 pressure transducers or LTC Levelogger Edge 3001 pressure/conductivity loggers
The transducers were deployed with a recording interval of 20 minutes and a capacity of 40,000 measurements.

2 5-m or 15-foot pressure range is designed for 15-foot submergence. 10-m or 30-foot pressure range is designed for 30-foot submergence.

3 Instrument is a pressure transducer/conductivity logger.

4 A Solinst Barologger is deployed in the DS-4I well monument with the same measurement frequency as the pressure transducers. The barologger collects barometric data for compensation of the potentiometric data collected from monitoring wells.

Additional Notes

SG-WL1-STW needs a zip tie or similar to secure top of stilling well.

SG-1-STW 6-7-21 @ 1500 3.27 BTOC

SG-10-STW " 1335 2.85 ← Logger situated on face

SG-7-STW " 1446 2.90

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 06/09/21

Field Event: Spring 2021 Field Personnel: TS

Purge Data

Location ID: DS-35

Ecology Tag AFS 845

Diameter: 2" Screened Interval: ____

Total Depth: ____ Transducer S/N: ____

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: ____

One Casing Volume (gal): ____

Depth of water (from TOC or staff gauge): 15.54' Time: 1407

After 5 minutes of purging (from TOC): 15.54'

Begin purge (time): 14:10 End purge (time): 15:18

Volume purged: 6 L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	~~LaMotte~~ Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
14:25	15.54	1.25	5.73	7.99	27.2	0.83	7.3	262.8	
14:30	15.54	2	5.84	7.42	27.1	1.19	7.4	255.2	
14:35	15.54	3	5.94	7.95	27.0	0.64	7.3	249.2	
14:40	15.54	3.5	5.96	7.67	27.2	1.26	7.5	246.3	
14:45	15.54	4	5.94	7.79	27.2	0.63	7.1	247.5	
~~14:50~~									

Ferrous Iron Field Test — mg/L or ☒ Not Detected

Sampling Data

Sample No: DS-35-GW-060921 Depth of tubing/distance from shore: ____

Date Collected (mo/dy/yr): 06/09/21 Time Sample Collected: 14:50 Weather: Sun/cool

Duplicate Sample No: ____ Time Duplicate Sample Collected: ____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☒ Pump Other: ____ Type: ☒ Peristaltic ☐ Bladder Other: ____ Flow Rate (L/min): ____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~ProDSS~~ ☐ Horiba U-50 ☒ ~~LaMotte~~ (Turbidity only) Other: Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear; no odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐	____	(____) ☐
Diss. Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] Date: 06/09/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/9/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

DS-3D (AFS844)
Screened: 39.7-49.7 **Diameter:** 2"
TD: 51.7 ft bTOC **Pump:** Peristaltic
GPS: 1658892.4, 436532.2

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 6.51 Time: 1405

After 5 minutes of purging (from TOC): 16.52

Begin purge (time): 1412 End purge (time): 1433

Volume purged: 6.0 L Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Turbidity (NTU) HACH LaMotte	Temp (°C)	ORP (mV)	Comments
1412	16.52	2.0	5.95	7.92	47.2	1.03	6.5	133.1	
1424	16.52	4.0	5.85	7.83	40.9	1.24	6.4	135.8	
1427	16.52	4.0	5.84	7.78	38.9	0.93	6.4	135.7	
1430	16.52	5.0	5.85	7.72	37.7	0.86	6.4	135.5	
1433	16.52	6.0	5.85	7.80	36.7	0.64	6.4	135.2	

Ferrous Iron Field Test _____ mg/L or ☒ **Not Detected**

Sampling Data

Sample No: DS-3D-060921 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/9/21 Time Sample Collected: 1434 Weather: Cloudy w/ Sun Breaks

Duplicate Sample No: _____ Time Duplicate Sample Collected: _____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered DOC Filter Type: ☒ disposable 0.45-um ☑

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☐ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☐ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 : ☑ LaMotte (Turbidity only) HACH Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☒		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2/6	☐ Rinsate	

Signature: _____ **Date:** 6/9/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 06/09/21

Field Event: Spring 2021 Field Personnel: TS

Purge Data

Location ID: DS-45

Ecology Tag AFS 843

Diameter: 2" Screened Interval: ____

Total Depth: ____ Transducer S/N: ____

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: ____

One Casing Volume (gal): ____

Depth of water (from TOC or staff gauge): 11.75 Time: 12:43

After 5 minutes of purging (from TOC): 11.76

Begin purge (time): 12:44 End purge (time): 13:41

Volume purged: 7.5L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (Liters)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
13:00	11.76	3.25	5.79	8.38	27.4	0.17 ~~265.0~~	6.7	266.0	
13:05	11.76	4.5	5.90	9.15	27.6	0.11	6.8	258.6	
13:10	11.76	5.5	5.95	9.11	27.6	0.13	6.8	255.5	
13:15	11.76	6.5	5.98	8.93	27.5	0.10	6.8	253.7	

Ferrous Iron Field Test ____ mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-45-GW-060921 Depth of tubing/distance from shore: ____

Date Collected (mo/dy/yr): 06/09/21 Time Sample Collected: 13:20 Weather: ~55°F Sun/shade

Duplicate Sample No. ____ Time Duplicate Sample Collected: ____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☒ Pump Other: ____ Type: ☐ Peristaltic ☒ Bladder Other: ____ Flow Rate (L/min): ____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~556~~ ☐ Horiba U-50 ☒ ~~LaMotte~~ (Turbidity only) Other: Hach 2100

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear; no odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: ____ Date: 6/9/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/9/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

DS-4I (BLN929)
Screened: 55.2-65.2 **Diameter**: 2"
TD: 68.3 ft bTOC **Pump**: Peristaltic
GPS: 1658883.0, 436428.9
Transducer: 07031 & Baro

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 15.44 Time: 1300

After 5 minutes of purging (from TOC): 15.22

Begin purge (time): 1207 End purge (time)

Volume purged: Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1308	15.21	13	4.27	0.44	589.9	96.7	7.0	152.3	
1311	15.21	13.5	4.28	0.40	588.7	93.7	7.0	152.5	
1314	15.21	14.0	4.28	0.37	588.5	89.3	7.0	152.8	
1317	15.21	14.8	4.28	0.33	587.9	44.9	7.0	153.1	
1320	15.21	15.7	4.29	0.33	586.2	28.5	7.0	153.4	
1323	15.21	16.5	4.29	0.32	586.4	27.4	7.0	152.8	
1326	15.21	17.4	4.29	0.32	587.0	30.5	7.0	153.7	

Ferrous Iron Field Test 5.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-14I - 060921 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/9/21 Time Sample Collected: 1321 Weather: Cloudy w/ sunbreaks

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type: ☑ disposable 0.45-µm

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 ☑ ~~Lamotte~~ HACH (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No Odor

Sample Analyses

Total Metals	(HNO3) ☐	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☒	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	Turbid H2O - Purged for awhile.
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		7		

Signature: Date: 6/9/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/9/21

Field Event: Spring 21 Field Personnel: TS

Purge Data

Locatir
Ecolog
Diame
Total I

DS-4D (AF5842)
Screened: 39.9-49.9 **Diameter:** 2"
TD: 51.9 ft bTOC **Pump:** Peristaltic
GPS: 1658892.7, 436423.2
Transducer:

Location Condition (Well damage, creek level, iron staining, line damage): good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 13.65 Time: 11:26

After 5 minutes of purging (from TOC): 13.67

Begin purge (time): 11:30 End purge (time): 12:37

Volume purged: 6.9L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L) gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~LaMotte~~ Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
11:45	13.67	2	5.58	9.71	44.7	0.64	7.5	276.4	
11:50	13.67	2.75	5.61	10.91	44.4	0.65	7.2	274.8	
11:55	13.67	3.5	5.62	10.80	44.1	0.31	7.1	274.0	
12:00	13.67	4.5	5.58	10.97	44.0	0.17	7.2	272.3	* DO
12:05	13.67	5.25	5.64	10.77	44.1	0.30	7.2	269.8	

Ferrous Iron Field Test — mg/L or ☑ **Not Detected**

Sampling Data

Sample No: DS-4D-GW-060921 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 06/09/21 Time Sample Collected: 12:15 Weather: fair ~50°F

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~ProDSS~~ ☐ Horiba U-50 ☑ ~~LaMotte~~ (Turbidity only) Other: Hach 2100

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear; no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	DO still dropping, YSI turned off (12:00)
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: **Date:** 06/09/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/9/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

DS-4DD (666111)
Screened: 119.1-129.1 **Diameter:** 2"
TD: 131.2 ft bTOC **Pump:** Bladder
GPS: 1658882.4, 436437.7

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from top of casing): 17.41

After 5 minutes of purging (from TOC): 17.41

Begin purge (time): 1120 End purge (time): 1147

Volume purged: 4.2 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Turbidity (NTU) HACH	Temp (°C)	ORP (mV)	Comments
1135	17.41	2.8	6.02	7.38	340.6	9.57	6.5	172.4	
1138	17.41	3.0 L	6.17	4.00	340.1	3.96	6.8	165.2	
1141	17.41	3.5	6.19	3.71	342.0	3.70	6.6	161.9	
1144	17.41	4.0	6.22	3.50	341.6	4.42	6.7	157.8	
1147	17.41	4.2	6.25	3.28	340.9	3.67	6.7	153.3	

Ferrous Iron Field Test ____ mg/L or ☒ Not Detected ~~LaMotte~~ HACH Turbidimeter Reading: 3.67 NTU

Sampling Data

Sample No: DS-4DD-060921 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/9/21 Time Sample Collected: 1147 Weather: Sun & Clouds

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☒ Pump Other: ____ Type: ☐ Peristaltic ☒ Bladder Other: ____ Flow Rate (L/min): 0.16

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 : ☐ ~~LaMotte~~ HACH (Turbidity only) Other: ____

Sample Decon Procedure: Sample collected with: ☑ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3)	☑	TDS/TSS	(unpres)	☑	TOC	(H2SO4)	☑	Cl/SO4/NO3	(unpres)	☒	____	(____) ☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☑	DOC (filtered)	(H2SO4)	☑	Hardness	(calculated)	☒	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	Discharge = 25
500 mL HDPE	none	1	☐ Field Blank	Fill tmn = 30
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		Total 6		

Signature: [signature] **Date:** 6/9/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/10/21

Field Event: Spring 2021 Field Personnel: G. Ciamos / E. M

Purge Data

Location ID: DS-5

Ecology Tag

Diameter: 2" Screened Interval:

Total Depth: 25' Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): Bent Casing Damaged (D

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 7.83 Time: 1056

After 5 minutes of purging (from TOC): 7.82

Begin purge (time): 10:58 End purge (time): 1117

Volume purged: Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0228	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1105	7.82	3.0	6.48	9.70	36.1	0.75	6.3	103.5	
1108	7.82	4.0	6.42	9.30	36.0	0.78	6.4	95.1	
1111	7.82	5.2	6.51	9.06	35.9	0.51	6.4	90.1	
1114	7.82	6.5	6.57	8.99	35.8	0.29	6.3	83.6	
1117	7.82	7.8	6.61	8.98	35.8	0.37	6.4	80.6	

Ferrous Iron Field Test mg/L or ☒ Not Detected

Sampling Data

Sample No: DS-5-GW-061021 Depth of tubing/distance from shore: ~60'

Date Collected (mo/dy/yr): 6/10/21 Time Sample Collected: 1117 Weather: Cloudy & sunbreaks

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.33

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ☒ HACH (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/10/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: June 2021 Field Personnel: B. Seaman

Purge Data

Location ID: DS-95

Ecology Tag BBB 117

Diameter" _____ Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 10.54 Time: 14:55

After 5 minutes of purging (from TOC): 10

Begin purge (time): 1453 End purge (time): _____

Volume purged: _____ Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
15:02	10.54	.75L	5.97	12.13	55.2		4.8	116.2	
15:05	10.54	1.5L	5.70	10.22	54.8		4.7	118.6	
15:10	10.54	2.5	5.62	9.99	54.7	2.87	4.7	120.9	
15:15	10.54	3.5	5.62	9.84	54.6	0.65	4.7	120.0	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: DS-95-GW-060621 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 15:20 Weather: light rain, 50s

Duplicate Sample No. _____ Time Duplicate Sample Collected: _____

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered DOC Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 200 mL/min

Water Quality Instrument Data Collected with: Type: ☐ YSI ~~Pro~~ BSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Quatro Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: Spring 2021 Field Personnel: Nick Waldo

Purge Data

Location ID: DS-9I

Ecology Tag BBB 116

Diameter: _____ Screened Interval: _____

GPS: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from top of casing): 11.06

After 5 minutes of purging (from TOC): 11.07

Begin purge (time): 1541 End purge (time): 1603

Volume purged: 10 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/ gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1544	11.07	2	3.97	6.68	475.9	1.33	5.6	163.4	
1550	11.07	4	4.02	4.22	502.0	1.00	5.6	158.4	
1554	11.07	6	4.24	3.50	512.4	—	5.6	158.0	
1558	11.08	8	4.28	3.19	513.2	—	5.7	157.6	
1602	11.08	9.5	4.29	2.80	512.6	0.63	5.7	158.5	

Ferrous Iron Field Test 1.5 mg/L or ☐ Not Detected LaMotte Turbidimeter Reading: _____ NTU

Sampling Data

Sample No: DS-9I-GW-060621 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 1600 Weather: Rain, 50°F

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro-DSS~~ Quatro ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☐	Cl/SO4/NO3	(unpres) ☒	_____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: 2021 Spring Field Personnel: Nick Waldo

Purge Data

Location ID: DS-9D

Ecology Tag BBB118

Diameter: _____ Screened Interval: _____

GPS: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good (ish) Lock hasp bent down, hard to lock/unlock

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from top of casing): 8.57

After 5 minutes of purging (from TOC): 8.54

Begin purge (time): 1501 End purge (time): _____

Volume purged: _____ Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	Vol (decrement below TOC)	DTW (ft bTOC)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1506	3	8.54	6.42	1.50	365.8	1.32	5.4	128.2	
1512	6	8.54	6.47	2.34	366.9	0.55	5.6	124.4	
1515	7.5	8.54	6.41	2.49	366.5	—	5.6	123.1	
1518	9	8.54	6.51	2.68	365.7	0.69	5.6	122.5	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: _____ NTU

Sampling Data

Sample No: DS-9D-GW-060621 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 1531 Weather: _____

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☒ Filtered DOC Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ProDSS Quatro ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): _____

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐	_____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine

Date of Collection: 6/4/21

Field Event: Spring 2021

Field Personnel: N. Schachtman

Purge Data

DS-12S (BIO848)
Screened: 15.18-25.18 **Diameter:** 2"
TD: 27.48 **Pump:** peri
GPS: 1658166.8, 436550
Transducer: 7044

Location Condition (Well damage, creek level, iron staining, fire damage): —

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers.

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 5.85 Time: 1529

After 6 minutes of purging (from TOC): 5.78

Began purge (time): 1530 End purge (time): 1605

Volume purged: 5.75L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol Purged (L) L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1545	5.79	~~3.5~~ 2.75	4.52	2.96	559.5	0.59	10.0	122.4	
1550	5.79	3.5	4.36	0.85	558.0	0.35	9.9	130.4	
1555	5.79	4.25	4.41	0.76	555.1	2.41	9.7	126.6	> spike in Turb. likely due to condensation in turbidity sensor chamber (cleaned out)
1600	5.80	5.0	4.48	0.70	553.2	4.46	9.5	121.6	
1605	5.80	5.75	4.48	0.55	551.7	0.10	9.6	120.2	

Ferrous Iron Field Test ____ mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-12S-GW-060421 Depth of tubing/distance from shore: —

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1607 Weather: Windy, Sunny, High 65°F

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☑ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☑ Pump Other: ____ Type: ☑ Peristaltic ☐ Bladder Other: ____ Flow Rate (L/min): 1.64

Water Quality Instrument Data Collected with: Type: : ☐ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach/YSI Aquatro

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals (HNO3) ☐ TDS/TSS (unpres) ☑ TOC (H2SO4) ☑ Cl/SO4/NO3 (unpres) ☑ ____ (____) ☐

~~Diss. Metals (filtered) (HNO3) ☐~~ Alkalinity (unpres) ☑ DOC (filtered) (H2SO4) ☑ Hardness (calculated) ☑ ____ (____) ☐

(no headspace)

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] **Date:** 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: N. Schaechtman

Purge Data

DS-12I (BIO847)
Screened: 24.9-34.9 **Diameter:** 2"
TD: 36.8 **Pump:** peri
GPS: 1658163.3, 436544.8
Transducer: 7073

Location Condition (Well damage, creek level, iron staining, fire damage): —

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 4.87 Time: 1634

After 5 minutes of purging (from TOC): 4.95

Begin purge (time): 1635 End purge (time): 1705

Volume purged: 6.0 Purge water disposal method: @ Site

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1650	5.05	3.0	5.39	6.57	306.5	0.85	8.9	120.4	
1655	5.07	4.0	5.23	6.09	298.7	0.42	8.4	126.4	
1700	5.09	5.0	5.24	5.93	300.2	0.34	8.4	124.0	
1705	5.11	6.0	5.33	5.93	299.9	0.74	8.5	116.8	

Ferrous Iron Field Test 0.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-12I-GW-060421 Depth of tubing/distance from shore: —

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1705 Weather: Windy, Sunny, High 65°F

Duplicate Sample No.: Time Duplicate Sample Collected: —

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☑ disposable 0.45-um ☐ —

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min) 200

Water Quality Instrument Data Collected with: Type: : ☐ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: YSI Quatro/Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals (HNO3) ☑ TDS/TSS (unpres) ☑ TOC (H2SO4) ☑ Cl/SO4/NO3 (unpres) ☑ ( ) ☐

~~Diss Metals (filtered) (HNO3) ☐~~ Alkalinity (unpres) ☑ DOC (filtered) (H2SO4) ☑ Hardness (calculated) ☑ ( ) ☐

(no headspace)

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: **Date:** 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

DS-12D (BIO849)
Screened: 54.6-64.6 **Diameter:** 2"
TD: 66.3 ft bTOC **Pump:** peri
GPS: 1658160.7, 436541.4
Transducer:

Location Condition (Well damage, creek level, rust staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 4.64 Time: 1557

After 5 minutes of purging (from TOC): 4.70

Begin purge (time): 1558 End purge (time):

Volume purged: Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1615	4.71	4.0	6.61	7.50	183.5	—	7.2	42.0	
1618	4.71	4.8	6.54	7.45	180.5	1.91	7.1	42.4	
1621	4.70	5.8	6.43	7.29	166.7	0.25	7.1	42.7	
1624	4.70	6.5	6.37	7.29	160.0	0.30	6.9	43.3	
1627	4.70	7.1	6.34	7.17	157.4	0.16	7.1	43.7	

Turbidity: HACH

Ferrous Iron Field Test ____ mg/L or ☒ **Not Detected**

Sampling Data

Sample No: DS-12D-GW-060421 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1629 Weather: Sunny

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered (DOC) Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☑ Grab ☐ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: : ☐ ~~YSI Pro DSS~~ Quatro ☐ Horiba U-50 : ☑ LaMotte (Turbidity only) HACH Other: —

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
	Total = 6			

Signature: [signature] **Date:** 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

DS-135 (BIO854)
Screened: 21.5-31.5 Diameter: 2"
TD: 33.4 ft bTOC Pump: peri
GPS: 1658220.2, 436607.2
Transducer: 7057

Location Condition (Well damage, creek level, iron staining, fire damage): GOOD

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 6.15 Time: 1415

After 5 minutes of purging (from TOC): 6.15

Begin purge (time): 1416 End purge (time):

Volume purged: Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2918
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1431	6.15	5.3	4.50	2.27	243.9	1.69	7.3	81.3	
1434	6.15	5.9	4.57	1.37	263.9	0.73	7.6	83.1	
1437	6.15	6.8	4.69	0.95	262.0	0.25	7.5	77.0	
1440	6.15	8.1	4.77	1.43	275.3	0.61	7.6	81.3	
1443	6.15	8.9	4.79	1.25	274.2	0.80	7.5	82.0	

Ferrous Iron Field Test 2.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-135-GW-060421 Depth of tubing/distance from shore: N/A

Data Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1446 Weather: SUNNY

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (8"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered (DOC) Filter Type: ☑ disposable 0.45-µm

Sample Collected with: ☑ Grab ☐ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.2

Water Quality Instrument Data Collected with: Type: : ☐ YSI ~~Pro DSS~~ (Quatro) ☐ Horiba U-50 : ☑ ~~LaMotte~~ (HACH) (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☑ Tubing replaced ← need to replace next event

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: N. Schachtman

Purge Data

DS-13I (BIO851)
Screened: 50.24-60.24 **Diameter:** 2"
TD: 62.45 ft bTOC **Pump:** peri
GPS: 1658216.8, 436602.7
Transducer: 7038

Location Condition (Well damage, creek level, iron staining, fire damage): Chipping paint on monument

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 5.35 Time: 1415

After 5 minutes of purging (from TOC): 5.39

Begin purge (time): 1418 End purge (time): 1453

Volume purged: 5.0 Purge water disposal method: @ S.Lc

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.123
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L/gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1438	5.40	2.5	4.37	3.09	333.3	12.6	10.4	108.6	
1443	5.42	3.25	4.46	2.71	331.1	2.82	9.2	106.5	
1448	5.40	4.0	4.49	2.80	328.3	4.70	8.9	108.3	
1453	5.42	5.0	4.49	2.84	326.3	0.28	8.8	109.5	

Ferrous Iron Field Test 0.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-13I-GW-060421 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1455 Weather: partly cloudy, high 65°F

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered DOC Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☐ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 142

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: Hach/YSI Quatro

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
~~Diss Metals~~ (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: **Date:** 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/24

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

DS-13D (8IO850)
Screened: 86.11-96.11 **Diameter:** 2"
TD: 98.75 ft bTOC **Pump:** peri
GPS: 1658213.7, 436598.5

Location Condition (Well damage, creek level, iron staining, fire damage): Good Condition

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use. ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 13.98 Time: 1510

After 5 minutes of purging (from TOC): 14.00

Begin purge (time): 1511 End purge (time):

Volume purged: Purge water disposal method. Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1 45
2.5"	2.875"	2.445"	0 255	2 129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~LaMotte~~ HACH Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1526	13.99	4.6	6.96	7.70	187.4	0.55	7.7	49.8	
1529	13.99	5.1	6.93	7.25	195.3	1.01	7.6	48.1	
1532	13.99	5.8	6.99	6.78	206.2	0.36	7.6	46.9	
1535	14.00	6.5	6.99	6.89	213.8	0.58	7.2	45.6	
1538	14.00	7.1	6.98	7.00	216.0	2.41	7.7	43.7	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: DS-13D-GW-060421 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1539 Weather

Duplicate Sample No: — Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered DOC Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☑ Grab ☐ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.26

Water Quality Instrument Data Collected with: Type: : ☑ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 : ☑ LaMotte HACH (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	~~(HNO3)~~ ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] Date: 6/4/24

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: M. Schachtman

Purge Data

Loc
Eco
Dia
Tot

DS-15S (BLW310)
Screened: 13.9-23.9 **Diameter:** 2"
TD: 26.7 **Pump:** Peristaltic
GPS: 1656532.1, 437211.9
Transducer: 7030

Location Condition (Well damage, creek level, iron staining, fire damage): Perfect

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 13.72 Time: 10:49

After 5 minutes of purging (from TOC): 13.74

Begin purge (time): 1051 End purge (time): 1130

Volume purged: 5.0L Purge water disposal method: Bucket/Back to Site

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1106	13.79	2.25	5.98	3.39	745	2.77	16.4	35.9	
1111	13.74	3.25	6.23	1.53	746	0.86	10.1	-2.2	
1116	13.78	4.0	6.28	1.02	745	0.47	10.1	-11.3	
1121	13.78	5.0	6.31	0.71	744	0.25	10.0	-12.1	

Ferrous Iron Field Test 2.0 **mg/L or** ☐ **Not Detected**

Sampling Data

Sample No: DS-15S-GW-000421 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/4/2021 Time Sample Collected: 1130 Weather: Sunny, windy, high 65°F

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☐ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.167

Water Quality Instrument Data Collected with: Type: ☐ YSI Pro DSS ☐ Horiba U-50 : ☑ LaMotte (Turbidity only) Other: YSI Quatro / Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ **Date:** 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: 5 May 2021 Field Personnel: G. Cosmetos

Purge Data

DS-15I (BLW311)
Screened: 40.96-50.96 **Diameter:** 2"
TD: 53.65 ft bTOC **Pump:** Peristaltic
GPS: 1656537.3, 437211.1
Transducer: 7034

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 53.58 Time: 1047

After 5 minutes of purging (from TOC): 13.92

Begin purge (time): 1048 End purge (time): 1116

Volume purged: 7.0 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU) (HACH)	Temp (°C)	ORP (mV)	Comments
1101	13.92								
1104	13.92	3.8	7.63	5.03	194.8	2.5	8.9	23.3	
1107	13.92	4.3	7.62	4.69	195.8	1.81	9.2	19.0	
1110	13.92	5.0	7.65	4.54	196.8	0.24	9.4	13.3	
1113	13.92	5.8	7.68	4.39	195.6	0.26	9.2	9.4	
1116	13.92	6.5	7.70	4.24	196.2	0.35	9.3	5.6	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: DS-15I-GW- Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1117 Weather: Sunny

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (5"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered (DOC) Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☑ Grab ☐ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.23

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS (Quatro) ☐ Horiba U-50 ☐ Lamotte (Turbidity only) (Hach) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No Odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ **Date:** 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

DS-165 (BLW312)
Screened: 11-21 **Diameter:** 2"
TD: 24 **Pump:** Peristaltic
GPS: 1657031.5, 437184.5
Transducer: 7056

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N14

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 16.38 Time: 1145

After 5 minutes of purging (from TOC): 16.45

Begin purge (time): 1145 End purge (time): 1216

Volume purged: 4.6 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	~~Lamotte~~ HACH Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1201	16.42	2.7	6.31	1.25	440.1		8.0	15.4	
1204	16.42	3.0	6.26	1.13	436.8	4.14	8.2	15.0	
1207	16.42	3.4	6.24	0.99	440.6	2.12	8.4	14.1	
1210	16.42	4.0	6.24	0.94	435.7	2.87	8.0	13.1	
1213	16.42	4.4	6.22	0.86	436.1	1.76	8.3	13.2	

Ferrous Iron Field Test 2.5 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-165-GW-060421 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1217 Weather: SUNNY

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☑

Sample Collected with: ☑ Grab ☐ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.15

Water Quality Instrument Data Collected with: Type: ☐ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 : ☑ ~~Lamotte~~ Hach (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: **Date:** 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

DS-16I (BLW313)
Screened: 40.99-50.99 **Diameter:** 2"
TD: 54.05 ft bTOC **Pump:** Peristaltic
GPS: 1657037, 437184.1
Transducer: 7040

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: NA

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 18.60 Time: 1242

After 5 minutes of purging (from TOC): 18.66

Begin purge (time): 1245 End purge (time): 1314

Volume purged: 6.0 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1301	18.68	3.0	6.25	6.02	53.2	0.86	7.6	20.2	
1304	18.68	3.8	6.29	6.02	52.4	0.46	2.3	19.6	
1307	18.68	4.5	6.27	6.09	52.1	0.89	7.6	22.1	
1310	18.68	5.0	6.25	5.90	51.8	0.48	7.3	24.6	
1313	18.68	5.8	6.29	5.95	52.2	0.25	7.8	21.1	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: DS-16I-GW-060421 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1317 Weather: Sunny 65°

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☒ Filtered Filter Type: ☐ Disposable 0.45-um ☒

Sample Collected with: ☒ Grab ☐ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.18

Water Quality Instrument Data Collected with: Type: ☐ YSI Pro DSS ☐ Horiba U-50 ; ☒ LaMotte (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☐	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/9/21

Field Event: Spring 2021 Field Personnel: W. Schachtman

Purge Data

DS-16D (BLW314)
Screened: 65.42-75.42 **Diameter:** 2"
TD: 78.41 ft bTOC **Pump:** Peristaltic
GPS: 1657042, 437183.4

Location Condition (Well damage, creek level, iron staining, fire damage): —

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): ~~19.05~~ 20.05 Time: 1205

After 5 minutes of purging (from TOC): 20.25

Begin purge (time): 1206 End purge (time): 1253

Volume purged: 5.0 L Purge water disposal method: @ Site

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2918
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1228	21.15	2.25	7.20	2.58	306.9	7.56	11.0	12.7	
1233	21.21	3.0	7.35	1.06	305.8	5.40	11.7	-4.8	
1238	21.27	3.5	7.42	0.79	306.8	3.27	11.3	-13.5	
1243	21.41	4.0	7.46	0.73	310.2	2.91	10.4	-20.4	
1248	21.37	4.5	7.44	0.69	309.5	1.89	11.0	-26.3	
1253	21.39	5.0	7.49	0.62	306.7	1.87	11.0	-30.3	

Ferrous Iron Field Test 0.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-16D-GW-060421 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1255 Weather: Sunny, Windy, High 65°F

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☐ disposable 0.45-µm ☑ —

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 107

Water Quality Instrument Data Collected with: Type: ☐ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: YSI Quatro / Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other):

Sample Analyses

Total Metals (HNO3) ☑ TDS/TSS (unpres) ☑ TOC (H2SO4) ☑ Cl/SO4/NO3 (unpres) ☑ ( ) ☐

~~Diss. Metals~~ (filtered) (HNO3) ☑ Alkalinity (unpres) ☑ DOC (filtered) (H2SO4) ☐ Hardness (calculated) ☑ ( ) ☐

(no headspace)

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 06/04/21

Field Event: Spring 21 Field Personnel: TS

Purge Data

Location ID: DS-175

Ecology Tag: BLW 315

Diameter: 2" Screened Interval: ____

Total Depth: ____ Transducer S/N: ____

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: —

One Casing Volume (gal): ____

Depth of water (from TOC or staff gauge): — Time: 11:28

After 5 minutes of purging (from TOC): 12.94

Begin purge (time): 11:28 End purge (time): 12:25

Volume purged: 16L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~LaMotte~~ Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
11:40	12.92	3.75	4.07	0.45	949.0	1.05	8.2	249.5	
11:45	12.93	5.5	4.13	0.36	941.0	0.74	8.0	246.4	
11:50	12.93	7.5	4.14	0.27	936.0	0.61	8.2	248.5	
11:55	—	9.3	4.15	0.27	932.0	0.98	7.8	249.4	
12:00	12.93	11.1	4.17	0.26	932.0	0.89	7.9	249.3	

Ferrous Iron Field Test 2-2.5 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-175-060421 Depth of tubing/distance from shore: —

Date Collected (mo/dy/yr): 06/04/21 Time Sample Collected: 12:05 Weather: sun; wind = 65°F

Duplicate Sample No. — Time Duplicate Sample Collected: ____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ ~~Filtered~~ DOC Filter Type: ☒ disposable 0.45-um ☐ ____

Sample Collected with: ☐ Grab ☒ Pump Other: ____ Type: ☒ Peristaltic ☐ Bladder Other: ____ Flow Rate (L/min) ____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 ; ☒ ~~LaMotte~~ (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear; no odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

No head-space

Signature: [signature] Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/2021

Field Event: Spring 2021 Field Personnel: P.O.

Purge Data

Location ID: DS-17I

Ecology Tag BLW-316

Diameter: 2" PVC Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): High creek level

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 13.40 Time: 11:22

After 5 minutes of purging (from TOC): 13.41

Begin purge (time): 11:23 End purge (time): 12:33

Volume purged: ~14 L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (Liter)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~LaMotte~~ Hach Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
11:28	13.41	2	4.31	3.56	1026	2.23	7.1	147.2	
11:33	13.41	4	4.39	1.24	1082	1.46	7.3	147.9	
11:38	–	6	4.36	0.72	1026	0.72	7.3	147.9	
11:43	–	8	4.32	0.53	1009	0.78	7.4	149.3	
11:48	13.43	10	4.33	0.40	1001	0.54	7.2	152.0	
11:53	13.42	12	4.30	0.37	1010	0.57	7.3	152.0	
11:58									

Ferrous Iron Field Test 5.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-17I-GW-060421 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/04/21 Time Sample Collected: 11:55 Weather: Sunny, 60°F, windy

Duplicate Sample No: – Time Duplicate Sample Collected: _____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered (DOC) Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro DSS~~ (Quatro) ☐ Horiba U-50 ☒ ~~LaMotte~~ (Turbidity only) Other: Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses

Total Metals	(HNO3)	☒	TDS/TSS	(unpres)	☒	TOC	(H2SO4)	☒	Cl/SO4/NO3	(unpres)	☒ _____ ( ) ☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☒	DOC (filtered)	(H2SO4)	☒	Hardness	(calculated)	☒ _____ ( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	4	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☒ MS/MSD	
500 mL HDPE	none	2	☐ Field Blank	
250 mL Glass Amber	H2SO4	4	☐ Rinsate	

Signature: P.O. Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 06/04/2021

Field Event: Spring '21 Field Personnel: TS

Purge Data

Location ID: DS-185

Ecology Tag BLW 317

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 11.58 Time: 13:16

After 5 minutes of purging (from TOC): 11.60

Begin purge (time): 13:18 End purge (time): 14:25

Volume purged: 10.5L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¼	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L/gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
13:30	11.60	3.9	4.91	0.41	622.2	0.27	6.5	191.4	
13:35	11.60	5.5	4.94	0.39	621.7	0.37	6.5	192.0	
13:40	11.60	6.9	4.94	0.37	624.1	0.34	6.4	192.2	
13:45	11.60	8.3	4.94	0.30	624.0	0.19	6.4	192.3	

Ferrous Iron Field Test 4.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-185-GW-060421 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 06/04/21 Time Sample Collected: 13:50 Weather: Sun/windy ~ 70°F

Duplicate Sample No: — Time Duplicate Sample Collected: _____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered (DOC) Filter Type: ☒ disposable 0.45-um ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro-DSS (Quatro) ☐ Horiba U-50 ☒ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☐	Cl/SO4/NO3	(unpres) ☒	_____	(_____) ☐
~~Diss. Metals (filtered)~~	~~(HNO3) ☒~~	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE (No head)	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: P.O.

Purge Data

Location ID: DS-18I

Ecology Tag BLW-318

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): _____

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 11.51 Time: 1303

After 5 minutes of purging (from TOC): 11.53

Begin purge (time): 1304 End purge (time): 14:18

Volume purged: _____ Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.128
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Hach ~~LaMotte~~ Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
13:12	11.53	2	5.05	13.08	837	~~47.8~~ 35	6.6	176.5	
13:17	—	3.25	5.30	12.46	84.3	2.18	6.8	181.4	
13:22	—	4.5	5.21	9.88	84.1	1.35	6.9	182.5	
13:27	—	6	5.26	9.64	84.2	1.17	6.6	185.6	
13:32		7.5	4.41	5.90	767	0.88	6.8	212.0	
13:37	11.55	9	4.37	4.22	789	0.99	~~7.0~~	212.4	
13:42	11.55	10.5	4.32	3.37	800	0.716	7.1	213.5	
13:47	11.56	12	4.33	2.72	801	0.65	7.1	213.7	

Ferrous Iron Field Test 4.5 mg/L or ☐ Not Detected

Sampling Data

Sample No: DS-18I-GW-060421 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 13:55 Weather: Sunny, 100°F / windy

Duplicate Sample No: — Time Duplicate Sample Collected: _____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered (DOC) Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ProDSS (Quatro) ☐ Horiba U-50 ☒ LaMotte (Turbidity only) (Hach 2100Q) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒			☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒			☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	DS-18-SG = ~3.75'
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: P.O. + T.S.

Purge Data

Location ID: DS-18D

Ecology Tag BLW-319

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): _____

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 23.33 (from TOC (not top of coupling)) Time: 1437

After 5 minutes of purging (from TOC): 23.33

Begin purge (time): 14:40 End purge (time): 15:43

Volume purged: 8 Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0228	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
				1.34					
14:55	23.33	2	6.22	~~10.49~~	390.0	1.08	8.0	177.9	
15:00	23.33	4	5.88	0.47	390.5	0.69	7.9	177.1	
15:07	" "	5.5	6.10	0.54	390.9	0.49	8.0	176.0	
15:12	" "	6.5	6.32	0.43	392.2	0.44	8.0	175.1	
15:17	" "	7.5	6.30	0.35	389.7	0.22	8.1	174.0	

Ferrous Iron Field Test _____ mg/L. or ☒ Not Detected

Sampling Data

Sample No: DS-18D-GW-060421 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/4/2021 Time Sample Collected: 15:20 Weather: sunny 60°F, windy

Duplicate Sample No: _____ Time Duplicate Sample Collected: _____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered (DOC) Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☐ Peristaltic ☒ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS (Quatro) ☐ Horiba U-50 : ☒ LaMotte (Turbidity only) (Hach 2100Q) Other: _____

Sample Decon Procedure: Sample collected with. ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	D = ~~24~~ 17 seconds
500 mL HDPE	HNO3	1	☐ MS/MSD	F = 24 seconds
500 mL HDPE	none	1	☒ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] Date: 6/4/2021

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: KH

Purge Data

Location ID: HBKG-2

Ecology Tag: no tag

Diameter: 2 Screened Interval: 10.2-20.2

Total Depth: 23.1 Transducer S/N: N

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: -

One Casing Volume (gal): 1.7 g

Depth of water (from TOC or staff gauge): 7.07 Time: ~~14:54~~ 13:54

After 5 minutes of purging (from TOC): 7.09

Begin purge (time): 13:54 End purge (time): 14:25

Volume purged: 11.0 Purge water disposal method: to ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
14:05	7.09	4.0	6.27	-	184.8	0.49	6.0	146.6	ORP is unstable
14:10	7.09	6.3	6.51	-	182.0	-	5.9	143.8	turned down pump
14:15	7.09	8.0	6.53	-	182.5	0.38	6.0	145.3	
14:20	7.09	9.4	6.54	-	182.1	-	6.0	146.0	
14:25	7.09	11.0	6.53	-	181.6	-	6.0	146.8	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: HBKG-2-GW-060421 Depth of tubing/distance from shore: NA

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 14:25 Weather: partly sunny

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☑ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min) _____

Water Quality Instrument Data Collected with: Type: : ☑ YSI ~~Pro-DSS~~ Quatro ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	DO probe is not working
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Kim Hotelo Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6-6-21

Field Event: June '21 Field Personnel: Tyler Scott / Glen Wellen

Purge Data

Location ID: HV-3

Ecology Tag: No Tag

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good.

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 54.02 Time: 841

After 5 minutes of purging (from TOC): 54.02

Begin purge (time): 843 End purge (time): _____

Volume purged: _____ Purge water disposal method: Pour

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged @ gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
849	–	1	6.67	9.21	86.7	–	6.8	67.5	clear
854	54.02	2	6.50	9.03	82.2	0.87	6.6	71.3	No Drawdown
859	–	3	6.66	9.00	82.1	0.65	6.9	61.7	
903		4.4	6.69	8.94	82.0	–	7.0	57.8	
908		5.4	6.69	8.96	82.1	0.59	7.0	56.7	
918	~	SAMPLE ~							

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected No change

Sampling Data

Sample No: HV3-GW-060621 Depth of tubing/distance from shore: –

Date Collected (mo/dy/yr): 6-6-21 Time Sample Collected: 920 Weather: 50F cldy.

Duplicate Sample No: – Time Duplicate Sample Collected: –

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (5"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☐ Peristaltic ☑ Bladder Other: _____ Flow Rate (L/min): 200

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 ; ☐ LaMotte (Turbidity only) Other: Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	_____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒ FF 0.45um	Hardness	(calculated) ☒	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		(6)		

Signature: _____ Date: 6-6-21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/3/21

Field Event: Spring 2021 Field Personnel: G. Cismas

Purge Data

MW-1 (AHR109)
Screened: 12.46-22.46 **Diameter:** 2"
TD: 25.29 ft bTOC **Pump:** peri
GPS: 1652834.6, 437595.4

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 5.54 Time: 1630

After 5 minutes of purging (from TOC): 5.54

Begin purge (time): 1630 End purge (time): 1658

Volume purged: 7.0 Purge water disposal method: Groun

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1645	5.54	3.5	5.50	8.51	34.1	4.47	7.3	194.3	
1648	5.54	4.0	5.57	8.86	34.4	—	7.4	190.3	
1651	5.54	4.8	5.59	8.79	34.2	1.4	7.4	187.8	
1654	5.54	5.6	5.60	8.65	34.1	0.29	7.2	185.9	
1657	5.53	6.4	5.62	8.86	34.1		7.1	184.8	

Ferrous Iron Field Test mg/L or ☒ **Not Detected**

Sampling Data

Sample No: MW-01-GW-060321 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/3/21 Time Sample Collected: 1659 Weather: Sunny 65°

Duplicate Sample No: N/A Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☑

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☑ LaMotte 2020 (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: **Date:** 6/3/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/3/21

Field Event: Spring 2021 Field Personnel: NBW

Purge Data

Location ID: MW-2

Ecology Tag AHR 110

Diameter: _____ Screened Interval: _____

GPS: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from top of casing): 7.86

After 5 minutes of purging (from TOC): 7.86

Begin purge (time): 1632 End purge (time): 1703

Volume purged: 9.5 L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1635	7.87	2	6.75	12.52	37.9	—	7.9	65.3	
1639	7.86	3	6.62	10.58	35.8	—	7.3	61.8	
1646	7.86	5	6.59	10.27	35.8	5.19	7.0	61.6	Turb questionable: H2O in instrument
1652	7.86	7	6.23	10.19	35.9	—	7.0	77.5	
1656	7.86	8	6.39	10.27	35.7	3.29	7.0	72.7	
1701	7.86	9	6.46	10.07	35.5	1.59	7.3	67.2	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: _____ NTU

Sampling Data

Sample No: MW-2-GW-060321 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/3/21 Time Sample Collected: 1705 Weather: Sunny

Duplicate Sample No: None Time Duplicate Sample Collected: None

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered (DOC) Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro DSS~~ (Quatro) ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: HACH 2100

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	well highly pressurized upon arrival.
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/3/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: NBW / KH

Purge Data

Location ID: MW-3

Ecology Tag: AHR 111

Diameter: 2" Screened Interval:

GPS:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from top of casing): 8.61

After 5 minutes of purging (from TOC):

Begin purge (time): 1505 End purge (time):

Volume purged: Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¼	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1507	8.62	½	5.80	14.08	105.2	1.16	4.8	126.5	
1512	8.62	1	5.48	13.62	104.4	2.19	4.7	137.0	
1515	—	1½	5.55	13.75	103.8	0.79	4.7	134.4	
1519		2	5.56	13.79	103.3	0.56	4.7	134.0	

Ferrous Iron Field Test mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: NTU

Sampling Data

Sample No: MW-3-GW-060421 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1525 Weather: Sun

Duplicate Sample No: None Time Duplicate Sample Collected: None

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☒ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min)

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro-DSS~~ Quatro ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: NBW Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine

Date of Collection: 6/3/21

Field Event: Spring 2021

Field Personnel: G. Cisneros

Purge Data

NRC-3DR (BLN930)
Screened: 106.13-116.13 **Diameter:** 2"
TD: 119.22 **Pump:** bladder
GPS: 1658352.5, 436754.8

Location Condition (Well damage, creek level, iron staining, fire damage): Stickup good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 25.34 Time: 1343

After 5 minutes of purging (from TOC): 25.38

Begin purge (time): 1343 End purge (time): 1417

Volume purged: 11.6 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1401	25.34	9.0	6.06	9.51	448.6	—	8.3	115.7	
1404	25.34	9.5	6.06 6.10	10.01	451.1	12.8	10.7	105.0	
1407	25.34	10.0	6.05	10.77	447.5	10.6	10.2	104.9	
1410	25.34	10.3	6.03	6.04	445.5	10.2	10.2	99.4	
1413	25.34	10.6	5.99	3.91	443.5	8.39	9.9	99.2	
1416	2534	11.2	6.01	3.83	444.7	9.24	9.7	96.8	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: NRC-3DR-GW-060321

Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/3/21 Time Sample Collected: 1417 Weather: Sunny 75°

Duplicate Sample No: NRC-103DR-GW-060321 Time Duplicate Sample Collected: 1421

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☒ Filtered per Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☐ Peristaltic ☒ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: : ☒ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 ☒ LaMotte (Turbidity only) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Turbid - Slight orange/brown

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	_____	( ) ☐
Diss Metals (filtered)	(HNO3) ☒	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Dup	Comments:
1000 mL HDPE	none	2	☒ Field Duplicate	2	Discharge 24
500 mL HDPE	HNO3	2	☐ MS/MSD	2	Fill 20
500 mL HDPE	none	1	☐ Field Blank	1	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	2	14 Total
		7 - Total		7	

Signature: _____ **Date:** 6/3/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/3/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

NRC-3IR (BLN931)
Screened: 60-70 **Diameter:** 2"
TD: 73.3 **Pump:** Peristaltic
GPS: 1658364.1, 436757

Location Condition (Well damage, creek level, iron staining, fire damage):

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 14.81 Time: 1509

After 5 minutes of purging (from TOC): 14.82

Begin purge (time): 1510 End purge (time):

Volume purged: Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1521	14.82	2.0	4.02	2.46	391.6	58.7	10.6	138.3	
1524		2.5	4.10	1.12	391.9	—	10.6	136.5	
1527		3.1	4.17	0.36	392.2	0.69	10.5	134.1	
1530		3.7	4.20	0.35	393.0	1.21	10.6	133.5	
1533		4.3	4.23	0.30	392.7	0.44	10.5	132.1	
1536		4.9	4.22	0.25	392.2	0.34	10.5	133.6	
						0.62			

Ferrous Iron Field Test 3.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: NRC-3IR-GW-060321 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 6/3/21 Time Sample Collected: 1537 Weather: Sunny

Duplicate Sample No: N/A Time Duplicate Sample Collected:

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☒ Pump Other: Type: ☒ Penstaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ~~☒ YSI ProDSS ☐ Horiba U-50~~ ☒ LaMotte (Turbidity only) Other: Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No Odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Date: 6/3/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/3/21

Field Event: Spring 2021 Field Personnel: NBW

Purge Data

NRC-3SR (BLN932) .21
Screened: 13.75-23.75 **Diameter:** 2"
TD: 27.05 **Pump:** Peristaltic
GPS: 1658355, 436764.8
Transducer:

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal): 11.6 * .17 = 2 gal

Depth of water (from TOC or staff gauge): 15.45 Time: 1340

After 5 minutes of purging (from TOC): 15.48

Begin purge (time): 1350 End purge (time): 1432

Volume purged: 29 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Turbidity (NTU) HACH	Temp (°C)	ORP (mV)	Comments
1352	15.48	1	6.42	13.08 ↓	89.0	3.36	4.5	77.0	D.O. rapidly dropping
1357	15.49	5	6.44	11.08 ↓	87.2	1.63	4.5	75.9	Reduced pump speed
1401	15.48	8	6.68	10.25	84.7	0.68	4.7	64.4	
1407	15.48	12	6.90	10.25	82.4	—	4.6	60.4	Pump rate ↓
1414	15.48	17	6.99	10.28	81.0	2.21	4.7	56.8	Dumped @ 15 L
1419	15.48	21	7.06	10.09	79.8	0.80	4.7	57.8	Pump rate ↓
1428	15.48	27	6.70	10.97	80.3	0.34	5.0	56.4	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: NRC-3SR-GW-060321 Depth of tubing/distance from shore: N/A

Date Collected (mo/dy/yr): 06/03/21 Time Sample Collected: 1420 Weather: Sunny, hot

Duplicate Sample No: Same MS/MSD Time Duplicate Sample Collected: Same

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered DOC Filter Type: ☒ disposable 0.45-um ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro-DSS~~ Quatro ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach 2100

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear.

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	_____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☒ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		X2=12		

Signature: _____ Date: 6/3/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: June '21 Field Personnel: GSW/TS

Purge Data

Location ID: TP2-12S

Ecology Tag

Diameter: 2 Screened Interval:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 91.95' Time: 08:50

After 5 minutes of purging (from TOC): 92.97

Begin purge (time): 853 End purge (time): 955

Volume purged: 15L Purge water disposal method: Pour.

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft)	Weight of Water (Lbs/Lineal Ft)
¾	1.050"	0.804"	0.0229	0.2918
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L) gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
906	93.33	11	6.09	7.3	530	0.46	7.7	100.1	
915		14	6.37	1.7	559	4.5	7.9	73.1	
921	92.97	17	6.25	0.52	594.5	2.64	8.2	66.[illegible]	
928		21.5	6.24	0.55	553.6	2.40	8.5	60.7	
931		23	6.25	NR	552.4	2.10	8.6	59.2	
		Sample.							

Ferrous Iron Field Test 3.5 mg/L or ☐ Not Detected

Sampling Data

Sample No: TP2-12S-GW-060521 Depth of tubing/distance from shore: —

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 930 Weather: 55 Showers

Duplicate Sample No: — Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☐ disposable 0.45-µm ☑

Sample Collected with: ☐ Grab ☑ Pump Other: Masoda Type: ☐ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro-DSS Quatro ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: YSI Quad + Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced Tub of Discarded After.

Sample Description (Color, Turbidity, Odor, Other):

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	Pump Set 97.57
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: June '21 Field Personnel: Tyler Scott / Glenwell

Purge Data

Location ID: TP2-12D

Ecology Tag: BIO855

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 91.17 Time: 939

After 5 minutes of purging (from TOC): 91.14

Begin purge (time): 9:55 End purge (time): _____

Volume purged: _____ Purge water disposal method: Pour

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1023	—	2.5	4.64	1.27	253.2	0.75	9.0	213.2	
1030	—	3.5	4.69	2.71	213.3	0.61	9.1	212.7	
1036	91.14	4.5	4.68	0.06	216.1	0.3	8.8	224.3	No Drawdown
1042		5.1	4.68	—	210.4		9.5	025.8	
		~ Sample ~							

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected No visible change

Sampling Data

Sample No: TP2-12D-GW-060521 Depth of tubing/distance from shore. —

Date Collected (mo/dy/yr): 06/05/21 Time Sample Collected: ~1045 Weather: 60F Slow ac. / Partly Sunny

Duplicate Sample No: — Time Duplicate Sample Collected: _____

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered (DOC) Filter Type: ☐ disposable 0.45-um ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☐ Peristaltic ☑ Bladder Other: _____ Flow Rate (L/min): 100

Water Quality Instrument Data Collected with. Type: ☑ YSI (Quatro) ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: YSI Quad

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3)	☑	TDS/TSS	(unpres)	☑	TOC	(H2SO4)	☑	Cl/SO4/NO3	(unpres)	☑	_____	(_____) ☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☑	DOC (filtered)	(H2SO4)	☑ FF	Hardness	(calculated)	☐	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: _____ Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6-7-21

Field Event: June '21 Field Personnel: Glen W. / Tyler S.

Purge Data

Location ID: TP2-13D

Ecology Tag: BIO-867

Diameter: 2" Screened Interval: —

Total Depth: — Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: —

One Casing Volume (gal): —

Depth of water (from TOC or staff gauge): 115.15 Time: 1029

After 5 minutes of purging (from TOC): 115.15

Begin purge (time): 1038 End purge (time): —

Volume purged: — Purge water disposal method: —

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1042	—	0.5	6.96	0.04	945	4.92	8.8	229.1	
1048	—	1.0	6.80	—	880	—	8.4	108.1	
1055	—	1.5	6.78	2.56	798	3.60	8.5	64.9	
1102	—	2.0	6.79	1.54	775	2.08	9.2	45.8	
1112	115.15	3.0	6.77	0.01	780	1.52	8.9	20.1	No drawdown
1115	—	3.6	6.78	—	775	1.52	9.0	13.3	
		~SAMPLE							

Ferrous Iron Field Test 2.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: TP2-13D-GW-060721 Depth of tubing/distance from shore: —

Date Collected (mo/dy/yr): 6-7-21 Time Sample Collected: 1130 Weather: 50F Ptly Sunny

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☐ disposable 0.45-µm ☐ —

Sample Collected with: ☐ Grab ☑ Pump Other: — Type: ☐ Peristaltic ☑ Bladder Other: — Flow Rate (L/min): —

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 ☑ LaMotte (Turbidity only) Other: YSI Quatro Red Handle

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): —

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	—	(—) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	—	(—) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: — **Date:** 6-7-21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 06/06/2021

Field Event: Spring 2021 Field Personnel: GW + TS

Purge Data

Location ID: TP2-14

Ecology Tag BIO 866

Diameter: 2" Screened Interval: ____

Total Depth: ____ Transducer S/N: ____

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: ____

One Casing Volume (gal): ____

Depth of water (from TOC or staff gauge): 53.95' Time: 14:49

After 5 minutes of purging (from TOC): ____

Begin purge (time): 14:50 End purge (time): ____

Volume purged: ____ Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol Purged (2 gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~LaMotte~~ Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
14:58	53.99	4.25	4.91	6.84	94.6	~~19.0~~ TS	5.9	71.4	13.7NTU
15:01	53.99	6.25	4.91	6.57	92.7	15.4	5.9	71.0	
15:04	53.99	8.25	4.92	6.03	93.2	15.2	6.0	71.3	
15:07	53.99	10.25	4.91	5.92	93.7	11.0	6.0	71.6	
15:10	54.0	12.25	4.90	5.75	93.9	4.83	6.0	72.3	
15:13	54.0	14.25	4.90	5.39	94.0	4.92	6.0	73.0	
15:16	54.0	16.25	4.90	5.14	93.8	2.94	6.0	73.5	

Ferrous Iron Field Test ____ mg/L or ☒ Not Detected

Sampling Data

Sample No: TP2-14-GW-060621 Depth of tubing/distance from shore: ____

Date Collected (mo/dy/yr): 06/06/21 Time Sample Collected: 15:30 Weather: overcast ~45°F

Duplicate Sample No: ____ Time Duplicate Sample Collected: ____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☒ Pump Other: ____ Type: ☐ Peristaltic ☐ Bladder Other: Sub. Flow Rate (L/min): ____

Water Quality Instrument Data Collected with: Type: ☒ ~~YSI~~ Quatro ☐ Horiba U-50 : ☒ LaMotte (~~Turbidity only~~) Other: Hach 2100 Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): ____

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☒ Field Blank	EB-GW-060621 @ 16:00
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: ____ Date: 06/06/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6-5-2021

Field Event: June '21 Field Personnel: GSW & T.S.

Purge Data

Location ID: TP2-15

Ecology Tag: B10-868

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 105.55 Time: _____

After 5 minutes of purging (from TOC): 105.59

Begin purge (time): 1135 End purge (time): 1410

Volume purged: _____ Purge water disposal method: Pour

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1152		1.5	6.54	9.55	365.4	47.3	10.4	190.0	
1201		2.5	—		231.4	—	9.9	-35	B-1 Ready Clear pH Probe
1222		4.8	6.27	12.18	169.2	16.5	8.2	99.5	
1229	105.59	5.3	6.31	8.26	168.9	12.4	8.2	104.4	Mw-20 → 1216
1240		6.5	6.31	7.79	166.5	—	7.8	113.5	
1249		7.5	6.30	7.53	164.5	8.31	7.8	121.3	
1255		8.0	6.30	9.31	165.7	7.0	7.8	128.5	
1302		9.0	6.27	7.50	163.8	5.4	7.7	132.6	

Ferrous Iron Field Test: 11.8 mg/L or ☒ Not Detected 4.13, 0.71

Sampling Data

Sample No: TP2-15-GW-060521 Depth of tubing/distance from shore: —

Date Collected (mo/dy/yr): 6-5-21 Time Sample Collected: 1300 Weather: 68 Showers.

Duplicate Sample No: — Time Duplicate Sample Collected: _____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☐ Peristaltic ☒ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro DSS~~ (Standard) ☐ Horiba U-50 ☐ LaMotte (Hach) (Turbidity only) Other: YSI Quad

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear mild, Red-Brown sediment

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		(6)		

Signature: _____ Date: 6-5-21

TP2-16D

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: June '21 Field Personnel: Glen Vellano / Tyler Scott

Purge Data

Location ID: TP2-16D

Ecology Tag: BIO-858

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 47.24 Time: 1500

After 5 minutes of purging (from TOC): 47.63

Begin purge (time): 1500 End purge (time): _____

Volume purged: _____ Purge water disposal method: _____

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1508	47.65	3	5.52	7.30	246.8	2.03	6.8	176.8	
1514	47.63	5	5.60	6.23	216.00	3.22	7.0	175.5	
1518	47.63	7	5.58	5.87	202.6	1.68	7.0	177.6	
1521	~	8	5.51	6.29	199.6	—	7.1	183.3	~300mL/min
1524	~	9	5.52	6.01	196.8	1.66	7.1	183.1	
1528	~	10.5	5.47	6.03	199.8	0.88	7.2	186.6	
1533	~	12	5.44	5.88	204.9	—	7.2	184.1	
1536	~	13	5.41	6.07	206.8	0.97	7.2	192.4	Sample

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected No visible Change

Sampling Data

Sample No: TP2-16D-GW-060521 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 1600 Weather: Rain @ 50F

Duplicate Sample No: TP2-116D-GW-060521 @ 1625 Time Duplicate Sample Collected: 1605

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered DOC Filter Type: ☐ disposable 0.45-um ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: Masoon Type: ☐ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☐ YSI Pro DSS ☐ Horiba U-50 ☒ Hach ☐ LaMotte (Turbidity only) Other: YSI Quad

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): _____

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	_____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	6	☒ Field Duplicate	
500 mL HDPE	HNO3	3	☒ MS/MSD	3 Full Sets Sample/Dupe/MS-MSD
500 mL HDPE	none	3	☐ Field Blank	
250 mL Glass Amber	H2SO4	6	☐ Rinsate	
		18		

Signature: _____ Date: 6/5/21

EB-GW-060521 @ 1645 1 Metals Bottle Equip Blank

Judge Bay

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6-6-21

Field Event: June 21 Field Personnel: Tyler Scott / Gabe Wallace

Purge Data

Location ID: TH2-17

Ecology Tag BJO857

Diameter: _____ Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good.

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 82.35 Time: 1240

After 5 minutes of purging (from TOC): _____

Begin purge (time): 1247 End purge (time): _____

Volume purged: _____ Purge water disposal method: Pour.

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1246		1	4.24	6.01	173.6		5.5	71.4	
1252		3	4.21	5.84	174.4	2.36	5.7	66.6	NTU Pass 3
1255		4	4.26	5.70	174.2		5.9	62.2	
1257		5	4.29	5.65	174.8		6.0	60.7	
1300		6	4.30	5.60		1.64	6.0	59.0	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: TH2-17-GW-060621 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6-6-21 Time Sample Collected: 1300 Weather: Cold/Rain.

Duplicate Sample No: _____ Time Duplicate Sample Collected: _____

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered (DOC) Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☐ Peristaltic ☐ Bladder Other: Monsoon Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro ~~DSS~~ (Quatro) ☐ Horiba U-50 : ☑ LaMotte (Trach) (Turbidity only) Other: YSI Quatro

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear 2nd Purge after 6/4 Attempt

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: _____ Date: 6-8-21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: June '21 Field Personnel: B. Beaulieu, S. Wallace

Purge Data

Location ID: TP2-17

Ecology Tag: BIO 857

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 02.02 Time: 14:49

After 5 minutes of purging (from TOC): _____

Begin purge (time): 15:00 End purge (time): _____

Volume purged: _____ Purge water disposal method: _____

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	DRP (mV)	Comments
15:05		5L	4.10	8.00	189.7		7.3	271.3	
15:10		8L	4.13	5.82	189.1	0.65 NN	7.8	294.8	
15:15		10L	4.20	5.98	189.6	0.46	7.6	305.9	
15:20	02.02	14L	4.22	5.45	189.3		8.6	323.6	
1525		16	PUMP FAIL MONSOON						

Ferrous Iron Field Test _____ mg/L or ☐ Not Detected

Sampling Data

Sample No: TP2-17-GW-060421 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: _____ Weather: Sunny, windy

Duplicate Sample No: _____ Time Duplicate Sample Collected: _____

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☐ Peristaltic ☐ Bladder Other: Submersible Flow Rate (L/min): 0.3

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear.

Sample Analyses

Total Metals	(HNO3) ☐	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☐	Cl/SO4/NO3	(unpres) ☐	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☐	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☐	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none		☐ Field Duplicate	
500 mL HDPE	HNO3		☐ MS/MSD	
500 mL HDPE	none		☐ Field Blank	
250 mL Glass Amber	H2SO4		☐ Rinsate	

Signature: _____ Date: _____

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6-7-21

Field Event: TA June 21 Field Personnel: Glen Wallace

Purge Data

Location ID: TP3-12S

Ecology Tag

Diameter: 2 Screened Interval:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 76.80 Time: 844

After 5 minutes of purging (from TOC): 77.56

Begin purge (time): 846 End purge (time):

Volume purged: Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal FL)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
852	—	0.5	6.71	2.01	16655		8.4	108.7	
900	77.30	1.9	[illegible]	0.48	1818 J	17.4	7.8	-4.7	
908	77.34	2.6	6.70	0.22	1810 J	10.9	7.5	-25.4	
917	77.56	3.5	6.69	0.14	1794 J	4.36	7.1	-37.4	
923	77.58	4	6.61	1.63	1794 J	3.25	7.0	-36.6	
932		5	6.67	0.14	1797 J	2.20	7.1	-43.7	
		~	SAMPLE	~					

Ferrous Iron Field Test 2.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: TP3-12S-GW-060721 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6-7-21 Time Sample Collected: 935 Weather: PHy Cldy, 55F

Duplicate Sample No: — Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (5'/red, 12'/green, 36'/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☐ Disposable 0.45 µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☐ Peristaltic ☑ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ; ☑ YSI ~~Pro DSS~~ ☐ Horiba U-50 ; ☑ ~~LaMotte~~ Hach (Turbidity only) Other: YSI Quat-O Rugged

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other):

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
~~Diss Metals~~ (filtered)	(HNO3) ~~☑~~ DO	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑ FF	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	3 (6)	☐ Rinsate	

Signature: Date: 6-7-21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 06/07/21

Field Event: Spring 2021 Field Personnel: TS + GW

Purge Data

Location ID: TP3-120

Ecology Tag BLO 869

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 77.65 Time: 846

After 5 minutes of purging (from TOC): _____

Begin purge (time): 8:47 End purge (time): 10:03

Volume purged: 9L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (Liters)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~LaMotte~~ Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
9:01	77.65	2	4.89	3.81	338.1	0.53	6.7	224.5	
9:06	77.65	3	4.80	5.05	307.8	0.90	6.4	230.4	
9:13	77.65	4	4.80	4.95	306.7	0.49	6.2	233.3	
9:18	77.65	5	4.81	4.27	305.8	0.39	6.2	234.4	
9:22	77.65	6	4.82	3.81	305.0	0.37	6.1	234.8	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: TP3-120-GW-060721 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 06/07/21 Time Sample Collected: 09:30 Weather: Sunny/cool ~55°F

Duplicate Sample No: _____ Time Duplicate Sample Collected: _____

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☐ Filtered Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☐ Peristaltic ☒ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 ☒ ~~LaMotte~~ (Turbidity only) Other: Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear; no odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	_____	(_____) ☐
~~Diss Metals~~ (filtered)	(HNO3) ☒	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	D: 22s F: 23s
500 mL HDPE	HNO3	1	☐ MS/MSD	Red YSI
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 06/07/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6-7-2021

Field Event: June '21 Field Personnel: Tyler Scott / Glen Wallace

Purge Data

Location ID: TP3-13

Ecology Tag: BIO 861

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 104.70' Time: 12:17

After 5 minutes of purging (from TOC): 104.72'

Begin purge (time): 12:20 End purge (time): 13:55

Volume purged: 8L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/ gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
12:36	104.72	2	2.99	1.77	635.0	1.29	9.9	461.2	
12:45		3	3.48	0.57	388.2	0.82	9.8	404.0	
12:54		4	3.82	0.39	324.2	0.79	9.0	268.4	
13:02		5	3.32	0.92	314.9	1.12	9.3	212.8	
13:10		6	4.0	0.37	313.5	0.78	9.5	208.5	
13:16		7	3.97	0.29	318.0	0.98	9.5	194.0	
13:24		8	4.02	0.24	314.6	0.62	9.4	183.3	

Ferrous Iron Field Test ~~20.5~~ mg/L or ☐ Not Detected <0.5 (Slight color change)

Sampling Data

Sample No: TP3-13-GW-060721 Depth of tubing/distance from shore: —

Date Collected (mo/dy/yr): 06/07/21 Time Sample Collected: 1310 Weather: Mostly Sunny 50F

Duplicate Sample No: — Time Duplicate Sample Collected: _____

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered (DOC) Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☐ Penstaltic ☑ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~Pro DSS~~ ☐ Horiba U-50 ☑ ~~LaMotte~~ (Turbidity only) Other: YSI Quatro + Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear; no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	Orange YSI - see calibration log for Sp. Cond. notes.
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 06/07/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6-6-2021

Field Event: June '21 Field Personnel: Glen Wallace

Purge Data

Location ID: TP2-14S

Ecology Tag: BLO 860

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

TP3-14S

Location Condition (Well damage, creek level, iron staining, fire damage): _____

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 79.85 Time: 1020

After 5 minutes of purging (from TOC): _____

Begin purge (time): 1030 End purge (time): _____

Volume purged: _____ Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1034		2.8	6.01	1.39	2670	Heavy (OR)	7	82.5	Turbid
1039	81.20	5.9	6.21	0.88	2300	598	7.4	64.6	Reduce Q
1048	82.48	9.2	5.80	0.63	2570	876	7.9	53.5	Flow Flo Cell
1102	83.54	14.5	6.14	1.46	2654	282	8.3	24.5	
1110	83.78	16	6.09	7.86	2650	315	8.5	6.8	
1116	83.92		6.05	7.25	2640	290	8.6	-1.9	

DTW 82.52

Ferrous Iron Field Test 4.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: TP3-14S-GW-060621 Depth of tubing/distance from shore: —

Date Collected (mo/dy/yr): 6-6-21 Time Sample Collected: 1100 Weather: Cool, cldy

Duplicate Sample No: — Time Duplicate Sample Collected: _____

Type: ☐ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: Monsoon Type: ☐ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☐ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: YSI Quad.

Sample Decon Procedure. Sample collected with: ☐ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Heavy turbidity @ start, Stabilized, Clears @ 4L but still turbid

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	_____	(____) ☐
Diss Metals (filtered)	(HNO3) ☒	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	_____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	Turbid Water Both total & Diss Metals.
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2 (7)	☐ Rinsate	

Signature: _____ Date: 6-6-21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 06/06/21

Field Event: Spring 2021 Field Personnel: TS + GW

Purge Data

Location ID: TP3-14D

Ecology Tag BTO 853

Diameter: 2" Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Wall damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers. _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 82.84' Time: 9:57

After 5 minutes of purging (from TOC): _____

Begin purge (time): 9:58 End purge (time): 11:28

Volume purged: 7 L Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	~~LaMotte~~ Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
10:22	82.86	1.5	4.58	6.36	299.9	1.09	6.9	203.8	
10:30	82.86	2.5	4.58	5.73	271.7	0.89	6.0	210.7	
10:38	82.86	3.5	4.60	6.48	265.9	0.70	6.7	216.2	
10:45	82.86	4.5	4.60	5.31	263.2	0.39	6.7	221.5	
10:53	82.86	5.6	4.61	5.07	260.8	0.30	6.7	227.1	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: TP3-14D-GW-060621 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 06/06/21 Time Sample Collected: 10:55 Weather: Overcast/cool ~42°F

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: — Type: ☐ Penstatic ☒ Bladder Other: — Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro DSS~~ ☐ Horiba U-50 ☒ ~~LaMotte~~ (Turbidity only) Other: Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear; no odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☑	_____ ( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☑	_____ ( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: TS **Date:** 06/06/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: NBW

Purge Data

Location ID: US-15

Ecology Tag: BBJ 265

Diameter: 2" Screened Interval:

GPS:

Total Depth: Transducer S/N: n/a

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from top of casing): 5.59

After 5 minutes of purging (from TOC): 5.60

Begin purge (time): 1222 End purge (time): 1303

Volume purged: 11 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1232	5.60	2	6.21	12.56	109.8	—	7.5	150.1	Pump rate ↑
1235	5.61	3	5.88	11.27	102.1	0.53	7.1	137.8	
1241	5.61	5	5.95	10.58	98.4	0.25	7.2	113.6	
1249	5.61	7	6.11	9.66	98.4	—	7.0	93.7	
1256	5.61	9	6.17	9.11	98.6	0.24	6.8	89.1	
1259	5.61	10	6.19	8.74	98.6	—	6.8	87.4	
1302	5.61	11	6.18	8.89	98.5	—	6.8	87.5	

Ferrous Iron Field Test mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: NTU

Sampling Data

Sample No: US-15-GW-060421 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1255 Weather: Sun

Duplicate Sample No: None Time Duplicate Sample Collected: None

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☐ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☒ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 ; ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒			☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒			☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: N BW

Purge Data

Location ID: US-1I

Ecology Tag: BBJ 264

Diameter: 2" Screened Interval: _____

GPS: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from top of casing): 6.47

After 5 minutes of purging (from TOC): 6.50

Begin purge (time): 1333 End purge (time): 1359

Volume purged: 11 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/ gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1338	6.50	2	6.00	4.68	106.3	1.20	6.1	101.2	
1344	6.50	4	6.09	4.42	108.1	0.79	6.1	94.3	
1350	—	6.5	6.25	4.19	110.1	0.55	6.2	90.0	
1359	—	11	6.29	4.01	111.8	—	6.2	83.3	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: _____ NTU

Sampling Data

Sample No: US-1I-GW-060421 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 1357 Weather: Sun

Duplicate Sample No: None Time Duplicate Sample Collected: None

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 0.4

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	_____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☒	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: KH

Purge Data

Location ID: US-1D
Ecology Tag BBJ263
Diameter: 2" Screened Interval: 26.66-36.66
GPS: NA
Total Depth: 38.98 Transducer S/N: N

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal): 1.7 gal

Depth of water (from top of casing): 6.77

After 5 minutes of purging (from TOC): 6.79

Begin purge (time): 12:29 End purge (time): 13:05

Volume purged 14 L Purge water disposal method: to ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/ gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
12:40	6.79	4.5	6.91	9.92	260.8	0.30	6.7	110.0	
12:45	6.79	6.0	6.99	—	254.6	0.63	6.7	103.8	DO probe is faulty
12:49	6.79	7.8	7.00	—	253.0	—	6.8	114.8	
12:53	6.80	9.8	7.03	—	251.6	0.32	6.8	120.1	
12:58	6.80	11.2	7.01	—	250.5	—	6.7	125.0	
13:05	6.80	14.0	7.05	—	251.0		6.7	129.0	

Ferrous Iron Field Test mg/L or ☑ Not Detected LaMotte Turbidimeter Reading: NTU

Sampling Data

Sample No: US-1D-GW-060421 Depth of tubing/distance from shore: NA

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 13:00 Weather: partly sunny

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.3L/min - 0.4L/min

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 ☑ LaMotte (Turbidity only) Hach 2100Q Other:

Sample Decon Procedure: Sample collected with: ☑ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	* Turbidity measured w/ Hach
500 mL HDPE	HNO3	1	☐ MS/MSD	* DO probe is not working
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Kim Hollis Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: June 2021 Field Personnel: Nick W, B. Beaulieu

Purge Data

Location ID: DS-14

Ecology Tag: ~

Diameter: 3/4" Screened Interval: 9.5-10

Total Depth: ____ Transducer S/N: ____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☐ Yes ☑ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: ____

One Casing Volume (gal): ____

Depth of water (from TOC or staff gauge): 4.56 Time: 8:35

After 5 minutes of purging (from TOC): ____

Begin purge (time): 8:41 End purge (time): ____

Volume purged: ____ Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
9:44		.4	5.08	5.00	93.2	41.3	6.2	103.7	
850		.9	4.93	3.54	84.1	69.3	6.1	105.0	well purged dry

Ferrous Iron Field Test ____ mg/L or ☑ Not Detected

Sampling Data

Sample No: DS-14-GW-060621 Depth of tubing/distance from shore: Located in 100 Ft from RBC, tubing in screen - 9.5-10

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 901 Weather: Mostly Cloudy

Duplicate Sample No: None Time Duplicate Sample Collected: ____

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☒ Pump Other: ____ Type: ☒ Peristaltic ☐ Bladder Other: ____ Flow Rate (L/min): 100 mL/min

Water Quality Instrument Data Collected with: Type: ☐ ~~YSI Pre-BSS~~ Quatro ☐ Horiba U-50 : ☑ LaMotte (Turbidity only) Hach Other: ____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☒ Tubing replaced – peristaltic

Sample Description (Color, Turbidity, Odor, Other): ____

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☒	____	( ) ☐
Diss Metals (filtered)	(HNO3) ☒	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☒	____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: N M Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/4/21

Field Event: Spring 2021 Field Personnel: KH, NW

Purge Data

Location ID: SG-7R

Ecology Tag: no tag

Diameter: ____ Screened Interval: ____

Total Depth: ____ Transducer S/N: ____

Location Condition (Well damage, creek level, iron staining, fire damage): good, well point base is under water

Secure: ☐ Yes ☐ No NA Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: ____

One Casing Volume (gal): ____

Depth of water (from TOC or staff gauge): 1.18 Time: 16:25

After 5 minutes of purging (from TOC): NA

Begin purge (time): 16:25 End purge (time): 17:16

Volume purged: 9.0L Purge water disposal method: to ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
16:30 ~~16:26~~	-	2.1	5.96	8.88	44.8		8.5	163.1	Purge bucket at an angle
16:40	-	3.0	5.98	8.73	45.4		8.3	159.6	
16:43	-	3.5	6.16	8.60	45.4	27.8	8.6	152.4	
17:08		5.0 7.0	6.26	9.48	47.7	6.02	8.2	157.9	+2L m
17:12		7.5	6.00	9.06	46.3	3.98	8.4	165.0	
17:16		8.5	6.06	8.81	46.0	3.48	8.0	162.2	

Ferrous Iron Field Test ____ mg/L or ☑ Not Detected

Sampling Data

Sample No: SG-7R-WP-060421 Depth of tubing/distance from shore: water level is above base of well point

Date Collected (mo/dy/yr): 6/4/21 Time Sample Collected: 17:16 Weather: sunny

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☐ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☑ Pump Other: ____ Type: ☑ Peristaltic ☐ Bladder Other: ____ Flow Rate (L/min): ____

Water Quality Instrument Data Collected with: Type: : ☑ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach 2100Q

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☐ dedicated silicon and poly tubing ☑ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	RRC turbidity = 9.77
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Ken Hutchens Date: 6/4/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: June 2021 Field Personnel: B. Seaton

Purge Data

Location ID: SG-8-WP

Ecology Tag: -

Diameter: 3/4" Screened Interval:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☐ Yes ☑ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 4.30 Time: 12:20

After 5 minutes of purging (from TOC): dry / recharging

Begin purge (time): 12:22 End purge (time):

Volume purged: Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	~~LaMotte~~ Hach Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
Well point runs dry after <500 mL / recharges within a few minutes									
12:32		500 mL	5.76	9.18	38.7		8.6°	111.1	
12:35		1 L	5.74	8.96	39.3		~~8.4~~ 7.7°	106.8	
12:39		1.2	5.74	7.83	~~40.~~ 39.8	5.99		99.6	
12:47						3.49			
Sample collected @ very slow drip; clear (3.49 NTU)									

Ferrous Iron Field Test <0.5 mg/L or ☐ Not Detected

Sampling Data

Sample No: SG-8-WP-060721 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 12:47 Weather: Partly cloudy, 50's

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type ☐ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): ~50 mL/min

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 : ☑ LaMotte Hach (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): brown initially, then clears up after ~200 mL

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: June 2021 Field Personnel: B. Beaulieu

Purge Data

Location ID: SG-9-WP

Ecology Tag: —

Diameter: 3/4" Screened Interval:

Total Depth: Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☐ Yes ☑ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 3.09 Time: 10:47

After 5 minutes of purging (from TOC):

Begin purge (time): 10:53 End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal FL)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L/gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~LaMotte~~ Hach Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
10:57		1L	5.13	~~4.60~~ 15.18	82.1	1.89	6.1	130.4	DO ~~Spc~~ not stable
11:03		3L	5.26	6.25	79.1	0.50	6.1	122.6	
11:09		5L	5.27	6.51	78.0	0.40	6.1	120.0	

Ferrous Iron Field Test mg/L or ☑ Not Detected

Sampling Data

Sample No: SG-9-WP-060621 Depth of tubing/distance from shore: WP is close to bank (4') @ high water condition.

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 11:11 Weather:

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☐ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 200 mL/min

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☑ LaMotte (Turbidity only) Other: Hach attach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Brown at start of purge, then clear.

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6-5-21

Field Event: SG-10-WP / June 2021 Field Personnel: B. Beaulieu

Purge Data

Location ID: SG-10-WP

Ecology Tag

Diameter: Screened Interval:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): GOOD

Ground at well point is submerged.

Secure: ☐ Yes ☒ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 3.37 Time: 12:45

After 5 minutes of purging (from TOC):

Begin purge (time): 12:50 End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L/gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
12:55		1L	4.28	1.00	626.3		6.7	159.7	See pH note
13:00		2L	4.26	0.47	634.9		6.7	165.5	"
13:05		3L	4.30	0.28	638.6		6.6	173.4	"
13:10		4L	4.31	0.20	641.6	0.82	6.7	180.9	"

* pH meter reading typically estimated ~0.5 units compared to Oakton meter. Confirmed w/ strip paper.

Ferrous Iron Field Test <0.5 mg/L or ☐ Not Detected

Sampling Data

Sample No: SG-10-WP-060521 Depth of tubing/distance from shore: well point submerged; in screened interval

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 13:15 Weather: Rain

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☐ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 200 mL/min

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: N. Schachtman

Purge Data

Location ID: S6-11-WP

Ecology Tag: —

Diameter: _____ Screened Interval: —

Total Depth: ~6.7 Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): —

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): 3.17 Time: 0937

After 5 minutes of purging (from TOC): —

Begin purge (time): 0944 End purge (time): 1004

Volume purged: 1.0 L Purge water disposal method: @ Site

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Linear Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
0954	—	0.5	6.28	4.76	206.3	36.7	7.8	80.5	
0959	—	0.75	6.18	2.40	203.9	8.13	7.8	80.4	
1004	—	1.0	6.21	2.33	204.5	3.87	7.8	77.0	

Ferrous Iron Field Test 0.5 mg/L or ☐ Not Detected

Sampling Data

Sample No: S6-11-WP-060521 Depth of tubing/distance from shore: ~6'

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 1015 Weather: Sunny, High 51°F

Duplicate Sample No: — Time Duplicate Sample Collected: _____

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-um ☑

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 0.50

Water Quality Instrument Data Collected with: Type: ☐ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: Hach/YSI Quanta

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7

Field Event: Spring 2021 Field Personnel: NW & EM

Purge Data

Location ID: S6-12R-WP

Ecology Tag N/A

Diameter: _____ Screened Interval: _____

GPS: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Staff Gauge damaged, not useable. Top cap stuck on WP.

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: on Evan's phone

One Casing Volume (gal): _____

Depth of water (from top of casing): 1.37

After 5 minutes of purging (from TOC): _____

Begin purge (time): 1008 End purge (time): _____

Volume purged: _____ Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	6.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/ gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1012		1	6.41	6.91	89.7	17.0	8.1	67.0	Pump rate ↓
1014		1.5	6.60	8.61	93.1	23.8	8.1	64.0	Bubbles in tubing
1016		1.7	6.78	10.68	96.4	31.8	7.9	61.2	Pump rate ↓
1026		2	6.71	7.24	97.1	4.8	7.7	56.2	Fewer bubbles
1037		3	6.73	8.42	96.7	1.3	8.4	54.7	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: _____ NTU

Sampling Data

Sample No: S6-12R-WP-060721 Depth of tubing/distance from shore: n/a

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 1040 Weather: Part Sun

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☒ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): _____

Sample Analyses

Total Metals	(HNO3)	☒	TDS/TSS	(unpres)	☒	TOC	(H2SO4)	☒	Cl/SO4/NO3	(unpres)	☒	_____	(_____) ☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☒	DOC (filtered)	(H2SO4)	☒	Hardness	(calculated)	☐	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	Staff Gauge at 45° angle, reads 2.8
500 mL HDPE	HNO3	1	☐ MS/MSD	Low production
500 mL HDPE	none	1	☐ Field Blank	Cap on WP stuck, opened w/
250 mL Glass Amber	H2SO4	2	☐ Rinsate	joint just above ground
				level - 2.95 ft below top cap.

Signature: N Wall Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: June 2021 Field Personnel: B. Beaulieu

Purge Data

Location ID: SG-17

Ecology Tag: —

Diameter: 3/4" Screened Interval: ____

Total Depth: ____ Transducer S/N: ____

Location Condition (Well damage, creek level, iron staining, fire damage): GOOD

Secure: ☐ Yes ☑ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: ____

One Casing Volume (gal): ____

Depth of water (from TOC or staff gauge): 3.68 Time: 15:30

After 5 minutes of purging (from TOC): ____

Begin purge (time): 15:33 End purge (time): ____

Volume purged: ____ Purge water disposal method: ____

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (Gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1538		1¼	~~5.40~~ 5.25	6.20	221.8		6.4	279.8	
1544		2	5.51	5.52	220.3		6.3	275.0	
1551		5	5.58	5.39	219.7		6.3	268.0	
1556		6	5.60	5.37	220.0	0.81	6.3	265.2	

Each

Ferrous Iron Field Test ____ mg/L or ☑ Not Detected

Sampling Data

Sample No: SG-17-WP-060521 Depth of tubing/distance from shore: WP @ shoreline, tubing @ screen interval

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 16:00 Weather: Partly sunny

Duplicate Sample No: ____ Time Duplicate Sample Collected: ____

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☑ Pump Other: ____ Type: ☑ Peristaltic ☐ Bladder Other: ____ Flow Rate (L/min): 200 mL/min

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: ____

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: June 2021 Field Personnel: B Seaker

Purge Data

Location ID: SG-18-WP-

Ecology Tag: —

Diameter: 3/4" Screened Interval:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☐ Yes ☑ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 4.38 Time: 11:20

After 5 minutes of purging (from TOC):

Begin purge (time): 11:31 End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH * (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	~~LaMotte~~ Hach Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
11:33		~800 mL	6.08	13.39	78.0		6.3	101.7	
11:38		1L	5.77	11.38	77.8		6.2	111.7	
11:44		2L	5.87	11.00	77.7		6.0	103.5	
11:49		3L	5.96 (6.5)	10.65	77.4	1.04	6.0	99.2	

* pH meter not functioning properly. Readings biased low by ~.5 std units

Ferrous Iron Field Test ____ mg/L or ☑ Not Detected

Sampling Data

Sample No: SG-18-WP-060501 Depth of tubing/distance from shore: well pt is ~10 ft from bank

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected 11:00 Weather: Hazy sunny

Duplicate Sample No. Time Duplicate Sample Collected:

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☑ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 150 mL

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 ; ☐ LaMotte (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: KH, NW

Purge Data

Location ID: RC-6-PW-6

Ecology Tag: NA

Diameter: NA Screened Interval: NA

Total Depth: 6" Transducer S/N: NA

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No NA

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 2.3 Time: 8:46am

After 5 minutes of purging (from TOC): e NM

Begin purge (time): 8:52 End purge (time): 9:05

Volume purged: 2 L Purge water disposal method: to ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
8:57									
~~8:59~~	–	0.75	6.25	11.63	17.7	2.02	5.8	95.3	
9:00		1.2	6.21	11.12	17.2	–	5.8	94.2	
9:03		1.4	6.19	10.86	17.1	1.29	5.8	92.6	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: RC-6-PW-[illegible]6-060521 Depth of tubing/distance from shore: 2 feet

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 9:10 Weather: overcast

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☐ Surface Water ☑ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered (DOC) Filter Type: ☑ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): ~0.1 L/min

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3)	☑	TDS/TSS	(unpres)	☑	TOC	(H2SO4)	☑	Cl/SO4/NO3	(unpres)	☑	— · —	( ) ☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☑	DOC (filtered)	(H2SO4)	☑	Hardness	(calculated)	☑	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	Staff gauge = 2.3
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Ken Hoffman Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: KH, NW

Purge Data

Location ID: RC-6-PW-12

Ecology Tag NA

Diameter: NA Screened Interval: NA

Total Depth: 12" Transducer S/N: NA

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No NA

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 2.25 Time: 9:45

After 5 minutes of purging (from TOC): NA

Begin purge (time): 9:43 End purge (time): 9:58

Volume purged: 2 L Purge water disposal method: to ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
9:46	-	0.5	6.17	13.25	19.1	50.2	6.5	79.3	
9:49	-	1L	6.24	12.05	17.0	11.6	6.0	76.5	
9:54	-	1.9L	6.18	11.32	16.9	2.20	6.1	77.3	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: RC-6-PW-12-060521 Depth of tubing/distance from shore: 2 Feet

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 10:18 Weather: overcast

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☐ Surface Water ☑ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☑ disposable 0.45-um ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 0.18 L/min

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: Kim Hibbitts Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: KH, NW

Purge Data

Location ID: RC-6-PW-36

Ecology Tag: NA

Diameter: NA Screened interval: NA

Total Depth: 36" Transducer S/N: NA

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No NA

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 2.25 Time: 10:36

After 5 minutes of purging (from TOC): NA

Begin purge (time): 10:36 End purge (time): 11:03

Volume purged: 2.6 L Purge water disposal method: to ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
10:41	–	0.9	6.33	10.84 Hi	18.7	23.8	7.3	64.5	
10:45	–	1	6.23	9.58	18.3	12.8	7.1	67.2	
10:48	–	1.3	6.20	9.56	18.3	16.3	7.4	69.2	
10:51	–	1.6	6.23	9.86	18.2	8.6	7.5	67.7	
10:55	–	1.9	6.25	9.91	18.1	4.54	7.5	66.0	
11:00	–	2.3	6.30	9.98	18.1	3.30	7.8	62.0	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: RC-6-PW-36-060521 Depth of tubing/distance from shore: 2 ft

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 11:05 Weather: overcast

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☐ Surface Water ☑ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type: ☑ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: : ☑ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		6		

Signature: _____ Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-7-PW-6-060721

Ecology Tag: N/A

Diameter: 6" Screened Interval: 3'

Total Depth: 6' Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: N/A

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): N/A Time: _____

After 5 minutes of purging (from TOC): _____

Begin purge (time): 0840 End purge (time): _____

Volume purged: _____ Purge water disposal method: _____

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte HACH Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
0845	N/A	1.0	5.37	4.14	46.5	2.10	5.8	169.6	
0848		1.3	5.61	11.36	37.9	2.22	5.8	154.1	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-7-PW-6-060721 Depth of tubing/distance from shore: 12'

Date Collected (mo/dy/yr): 6/7 Time Sample Collected: 0849 Weather: Cloudy

Duplicate Sample No: See Time Duplicate Sample Collected: _____

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Quatro ☐ Horiba U-50 : ☐ LaMotte HACH (Turbidity only) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals / Diss Metals (filtered)	(HNO3) ☒ / (HNO3) ☐	TDS/TSS / Alkalinity (no headspace)	(unpres) ☒ / (unpres) ☒	TOC / DOC (filtered)	(H2SO4) ☒ / (H2SO4) ☒	Cl/SO4/NO3 / Hardness	(unpres) ☐ / (calculated) ☐	_____	(_____) ☐ / (_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	~~☒~~ MS/MSD	No MS/MSD
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
	Total = 6			

Signature: _____ Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-7-PW-12

Ecology Tag N/A

Diameter: _____ Screened Interval: 3'

Total Depth: 12" Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): N/A

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☑ No N/A

Photograph Numbers: N/A

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC): _____

Begin purge (time): 0922 End purge (time): 0930

Volume purged: 1.3 Purge water disposal method Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2816
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Lamotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
0926	N/A	1.0	6.34	10.24	22.4	1.50	5.4	90.2	
0925		1.3	6.17	9.96	22.4	0.63	5.4	97.9	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-7-PW-12-060721 Depth of tubing/distance from shore: 12'

Date Collected (mo/dy/yr): 6/7 Time Sample Collected: 0931 Weather: Cloudy

Duplicate Sample No: _____ Time Duplicate Sample Collected: _____

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☑ Filtered Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☐ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 : ☑ Lamotte HACH (Turbidity only) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3)	☑	TDS/TSS	(unpres)	☐	TOC	(H2SO4)	☑	Cl/SO4/NO3	(unpres) ☐ _____ ( ) ☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☑	DOC (filtered)	(H2SO4)	☑	Hardness	(calculated) ☐ _____ ( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	4	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☑ MS/MSD	← MS/MSD
500 mL HDPE	none	2	☐ Field Blank	
250 mL Glass Amber	H2SO4	4	☐ Rinsate	
	total = 6			

Signature: _____ Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: June 2021 Field Personnel: B. Beaulieu

Purge Data

Location ID: SG-7-WP-36

Ecology Tag: _____

Diameter: _____ Screened Interval: 36" BGS

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): GOOD

Secure: ☐ Yes ☒ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): N/A Time: _____

After 5 minutes of purging (from TOC): _____

Begin purge (time): 10:09 End purge (time): _____

Volume purged: _____ Purge water disposal method: _____

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L/gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
10:11		2 gal	6.42	12.76	45.6	3.68	5.9	99.6	
10:14		500 mL	6.41	10.37	48.7		5.7	97.2	
10:16		1 L	6.32	10.08	49.2	0.64	5.6	99.7	
Field Dup collected									

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-7-WP-36-060721 Depth of tubing/distance from shore: _____

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 10:21 Weather: Partly Cloudy SOS

Duplicate Sample No: SG-107-WP-36-060721 Time Duplicate Sample Collected: 10:39

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☐ disposable 0.45-um ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☐ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 100 ml/min

Water Quality Instrument Data Collected with: Type: : ☐ YSI ~~Pro DSS~~ Quatro ☐ Horiba U-50 : ☐ ~~LaMotte~~ Hach (Turbidity only) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	_____	(_____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☒	_____	(_____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	4	☒ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	2	☐ Field Blank	
250 mL Glass Amber	H2SO4	4	☐ Rinsate	

Signature: _____ Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-8-PW-6

Ecology Tag: N/A

Diameter: Screened Interval: 3'

Total Depth: ~~4~~ 0" Transducer S/N:

Exposed

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: N/A Pic of Exposed Screen

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC):

Begin purge (time): 1220 End purge (time): 1227

Volume purged: 1.0 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2918
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~LaMotte~~ HACH Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1222	N/A	0.3	6.63	11.42	36.1	2.38	8.3	132.1	
1225		0.6	6.21	11.04	32.3	2.04	7.6	137.8	
1227		0.8	6.23	10.98	31.8	2.64	7.6	133.9	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: ~~SG-8-PW-6-060721~~

Depth of tubing/distance from shore: 50'

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 1227 Weather: Sunny Cloudy

Duplicate Sample No: — Time Duplicate Sample Collected:

Type: ☐ Groundwater ☐ Surface Water ☑ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☐ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 ☐ LaMotte (Turbidity only) HACH Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	Screen Exposed to Surface H2O
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	DO NOT SUBMIT

Signature: Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-8-PW-12- Location Condition (Well damage, creek level, iron staining, fire damage): Good

Ecology Tag: N/A

Diameter: ____ Screened Interval: 3' Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Total Depth: 0 ft ← Exposed Screen Transducer S/N: ____ Photograph Numbers: N/A Pic of Exposed Screens

One Casing Volume (gal): ____

Depth of water (from TOC or staff gauge): ____ Time: N/A

After 5 minutes of purging (from TOC): ____

Begin purge (time): ____ End purge (time): ____

Volume purged: ____ Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	~~Turbidity~~ HACH Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
	Screen Exposed								

Ferrous Iron Field Test ____ mg/L or ☐ Not Detected

Sampling Data

Sample No: ~~SG-8-PW-12-060721~~ Depth of tubing/distance from shore: 50'

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: ____ Weather: Clouds & Sunbreaks

Duplicate Sample No: ____ Time Duplicate Sample Collected: ____

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐ ____

Sample Collected with: ☐ Grab ☒ Pump Other: ____ Type: ☒ Peristaltic ☐ Bladder Other: ____ Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 : ☒ ~~LaMotte~~ HACH (Turbidity only) Other: ____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☐	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☐	Cl/SO4/NO3	(unpres) ☐	____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☐	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☐	____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	0	☐ Field Duplicate	Screen Exposed to Surface H2O
500 mL HDPE	HNO3	0	☐ MS/MSD	
500 mL HDPE	none	0	☐ Field Blank	
250 mL Glass Amber	H2SO4	0	☐ Rinsate	

Signature: ____ Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/7/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-8-WP-36-060721

Ecology Tag: _____

Diameter: _____ Screened Interval: _____

Total Depth: 36" Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): N/A

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: Yes - Explored Screens

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC): _____

Begin purge (time): 1308 End purge (time): 1319

Volume purged: 1.4 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L/gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	HACH Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1315	N/A	1.0	6.88	9.61	34.8	1.22	10.7	169.9	
1318		1.3	6.90	9.69	34.3	0.83	10.1	133.8	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-8-WP-36-060721 Depth of tubing/distance from shore: 50'

Date Collected (mo/dy/yr): 6/7/21 Time Sample Collected: 1319 Weather: Sunny/ clouds

Duplicate Sample No: _____ Time Duplicate Sample Collected: _____

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☐ Filtered Filter Type: ☒ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ; ☒ HACH LaMotte (Turbidity only) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/7/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: Spring 2021 Field Personnel: Nick Waldo

Purge Data

Location ID: SG-9-PW-6

Ecology Tag

Diameter: Screened Interval:

GPS:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☐ Yes ☒ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from top of casing): n/a

After 5 minutes of purging (from TOC):

Begin purge (time): 1125 End purge (time): 1142

Volume purged: 2 Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¼	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L) gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1128		.500	5.84	9.93	48.5	5.14	6.4	89.3	
1132		1	6.30	10.19	42.0	1.77	6.8	70.8	
1135		1.5	6.34	10.31	41.6	0.62	6.8	92.0	
1141		2	6.38	10.27	41.4	0.68	6.3	95.4	

Ferrous Iron Field Test mg/L or ☒ Not Detected LaMotte Turbidimeter Reading: NTU

Sampling Data

Sample No: SG-9-PW-6-060621 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 1144 Weather: cloudy

Duplicate Sample No: Field blank-1-PW-060621 Time Duplicate Sample Collected: 1222

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (☐ red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☒ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☒ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: Spring 2021 Field Personnel: nick wyld

Purge Data

Location ID: SB-9-PW-12

Ecology Tag

Diameter: Screened Interval:

GPS:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): good

Secure: ☐ Yes ☒ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from top of casing):

After 5 minutes of purging (from TOC):

Begin purge (time): 1223 End purge (time): 1236

Volume purged: 1.6 Purge water disposal method: ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L or gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1225		0.5	6.10	11.3	44.6	1.89	5.6	94.7	
1229		1	6.38	10.99	41.6	1.09	5.6	—	
1234		1.5	6.43	11.03	41.1	—	5.6	103.6	

Ferrous Iron Field Test ____ mg/l or ☒ Not Detected LaMotte Turbidimeter Reading: ____ NTU

Sampling Data

Sample No: SB-9-PW-12-060621 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 1235 Weather: light rain

Duplicate Sample No: none Time Duplicate Sample Collected:

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☐ disposable 0.45-µm ☐ ___

Sample Collected with: ☐ Grab ☒ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ; ☐ LaMotte (Turbidity only) Other: HACH

Sample Decon Procedure: Sample collected with: ☒ disposable and/or dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals / Diss Metals (filtered)	(HNO3) ☒ / (HNO3) ☐	TDS/TSS / Alkalinity (no headspace)	(unpres) ☒ / (unpres) ☒	TOC / DOC (filtered)	(H2SO4) ☒ / (H2SO4) ☒	Cl/SO4/NO3 / Hardness	(unpres) ☒ / (calculated) ☐	____ / ____	(____) ☐ / (____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: June 2021 Field Personnel: B. Beaulieu

Purge Data

Location ID: SG-9-WP-36

Ecology Tag: –

Diameter: _____ Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☐ Yes ☑ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers: _____

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): – Time: –

After 5 minutes of purging (from TOC): –

Begin purge (time): 11:44 End purge (time): _____

Volume purged: _____ Purge water disposal method: _____

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Hach.

Time	DTW (decimal ft below TOC)	Vol. Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
11:48		.5 L	5.62	9.53	72.0	1.97	6.7	116.2	
11:53		1 L	5.90	8.02	69.5		6.3	107.3	
11:55		1.5	5.86	7.80	69.5	0.68	6.4	107.5	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: SG-9-WP-36-060621 Depth of tubing/distance from shore: 36" PW

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 12:01 Weather: Cloudy, 50s

Duplicate Sample No: _____ Time Duplicate Sample Collected: _____

Type: ☐ Groundwater ☐ Surface Water ☑ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 100 mL/min

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ☐ Horiba U-50 : ☑ LaMotte (Turbidity only) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑	_____	(____) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑	_____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-10-PW-6-0.5 Location Condition (Well damage, creek level, iron staining, fire damage): N/A

Ecology Tag: N/A Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No ☒ N/A

Diameter: ___ Screened Interval: 3" Photograph Numbers: N/A

Total Depth: 6" Transducer S/N: ___ One Casing Volume (gal): ___

Depth of water (from TOC or staff gauge): N/A Time: 12

After 5 minutes of purging (from TOC): ___

Begin purge (time): 1235 End purge (time): 1250

Volume purged: 1.5 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU) (HACH)	Temp (°C)	ORP (mV)	Comments
1249	N/A	1.1	6.65	13.50	28.6	4.90	6.3	958	
1250	N/A	1.4	6.59	11.52	27.4	3.78	6.2	100.0	

Ferrous Iron Field Test ___ mg/L or ☒ **Not Detected**

Sampling Data

Sample No: SG-10-PW-6-060521 Depth of tubing/distance from shore: 0'

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 1251 Weather: Light Rain

Duplicate Sample No: ___ Time Duplicate Sample Collected: ___

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm

Sample Collected with: ☐ Grab ☒ Pump Other: ___ Type: ☒ Peristaltic ☐ Bladder Other: ___ Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) (HACH) Other: ___

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No Odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐	___	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐	___	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] **Date:** 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-10-PW-12

Ecology Tag

Diameter: Screened Interval:

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): N/A

Secure: ☐ Yes ☐ No N/A Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC):

Begin purge (time): 1320 End purge (time):

Volume purged: Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	Turbidity (NTU) (HACH bottle)	Temp (°C)	ORP (mV)	Comments
1326	N/A	1.0	6.52	11.48	27.1	3.48	6.3	104.4	
1329		1.3	6.59	11.58	26.9	3.12	6.3	102.1	

Ferrous Iron Field Test mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-10-PW-12-060521 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 1331 Weather: Cloudy some RAIN

Duplicate Sample No: SG-110-PW-12-060521 Time Duplicate Sample Collected: 1351

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6'/red, 12'/green, 36'/black) Sample: ☐ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐

Sample Collected with: ☒ Grab ☐ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☒ LaMotte (Turbidity only) HACH Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☒ Field Duplicate	Dup 2
500 mL HDPE	HNO3	1	☐ MS/MSD	1
500 mL HDPE	none	1	☐ Field Blank	1
250 mL Glass Amber	H2SO4	2	☐ Rinsate	2

Signature: Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: N. Schachtman

Purge Data

Location ID: SG-10-WP-36 Location Condition (Well damage, creek level, iron staining, fire damage): OE

Ecology Tag: —

Diameter: — Screened Interval: —

Total Depth: — Transducer S/N: —

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: —

One Casing Volume (gal): —

Depth of water (from TOC or staff gauge): — Time: —

After 5 minutes of purging (from TOC): —

Begin purge (time): 1242 End purge (time): 1257

Volume purged: 1.75 L Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1247	—	1.0L	9.44	2.21	594.3	0.75	6.5	112.5	
1257	—	1.75	9.43	1.53	594.3	0.82	6.4	114.5	

Ferrous Iron Field Test 3.0 mg/L or ☐ Not Detected

Sampling Data

Sample No. SG-10-WP-36-060521 Depth of tubing/distance from shore: In creek under ~0.5' Water

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 1400 Weather: Sunny, high 50°F

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☑ Groundwater ☐ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered Filter Type: ☐ disposable 0.45-um ☐ —

Sample Collected with: ☐ Grab ☑ Pump Other: — Type: ☑ Peristaltic ☐ Bladder Other: — Flow Rate (L/min): 116.7

Water Quality Instrument Data Collected with: Type: ☐ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: Whole/YST Quanta

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐	—	( ) ☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☐	—	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] **Date:** 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-11-PW-6-

Ecology Tag: N/A

Diameter: 1/4 Screened Interval: ~3'

Total Depth: 6' Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): Good / No Lid

Secure. ☐ Yes ☐ No N/A Depth Sounder decontaminated prior to use. ☐ Yes ☐ No N/A

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC): N/A

Begin purge (time): 0841 End purge (time): 052

Volume purged: 0.9 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L/gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	HACH LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
0848	N/A	0.5	5.27	11.29	40.3	4.84	6.4	173.1	
0851	↓	0.9	5.40	11.26	30.2	4.28	6.3	164.3	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-11-PW-6-060521 Depth of tubing/distance from shore: ~2'

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 0853 Weather: Cloudy ~60°

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☐ Filtered Filter Type: ☐ Disposable 0.45-µm ☐

Sample Collected with: ☒ Grab ☐ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: : ☒ YSI Pro DSS ☐ Horiba U-50 : ☐ HACH LaMotte (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-11-PW-12

Ecology Tag: N/A

Diameter: N/A Screened Interval: 3'

Total Depth: 12' Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): missing LID

Secure: ☐ Yes ☐ No N/A Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC): N/A

Begin purge (time): 0922 End purge (time): 0931

Volume purged: 1.5 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
0925	N/A	0.5	6.02	11.10	31.0	5.67	6.3	120.4	
0928	↓	1.0	6.03	10.99	29.8	5.71	6.2	125.2	
0931		1.5	6.05	10.79	29.4	5.58	6.3	130.2	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-11-PW-12-060521 Depth of tubing/distance from shore: 2'

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 0933 Weather: Sunny / Partly Cloud,

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☐ Filtered Filter Type: ☐ Disposable 0.45-µm ☐

Sample Collected with: ☒ Grab ☐ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ; ☐ LaMotte (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☐	TDS/TSS	(unpres) ☐	TOC	(H2SO4) ☐	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☐	DOC (filtered)	(H2SO4) ☐	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Tote 7

Signature: Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: June 2021 Field Personnel: B. Spaulding

Purge Data

Location ID: SG-11-BWP-36-060521 Location Condition (Well damage, creek level, iron staining, fire damage): Good

Ecology Tag: — Secure: ☐ Yes. ☒ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Diameter: 4" Screened Interval: 36" Photograph Numbers:

Total Depth: 36" Transducer S/N: — One Casing Volume (gal):

Depth of water (from TOC or staff gauge): — Time: —

After 5 minutes of purging (from TOC): —

Begin purge (time): 9:47 End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol Purged (L / gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
9:48		.5 L	6.37	10.37	81.8		6.8	87.3	
9:53		.75 L	6.15	9.18	77.4	3.18	6.8	101.2	
10:00		1 L	6.20	9.36	49.2	2.21	6.8	91.6	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-11-WP-36-060521 Depth of tubing/distance from shore: 36" Porewater

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 10:00 Weather: pt cldy, cldy

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-um ☐ _____

Sample Collected with: ☐ Grab ☒ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐	____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	BG 2 / 1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ **Date:** 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 5/6/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-17-PW-6

Ecology Tag: N/A

Diameter: 1" Screened Interval: 31

Total Depth: 6' Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): N/A

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC):

Begin purge (time): 1526 End purge (time): 1538

Volume purged: 1.4 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Lamotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1535	N/A	1.0	6.33	10.60	30.9	2.96	6.4	128.4	
1538	N/A	1.3	6.35	10.57	28.7	1.96	6.4	128.3	

HACH

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-17-PW-6-160521 Depth of tubing/distance from shore:

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 1539 Weather: Cloudy

Duplicate Sample No: Time Duplicate Sample Collected:

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-µm ☐

Sample Collected with: ☒ Grab ☐ Pump Other: Type: ☒ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☒ ~~Lamotte~~ HACH (Turbidity only) Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	4	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☒ MS/MSD	
500 mL HDPE	none	2	☐ Field Blank	
250 mL Glass Amber	H2SO4	4	☐ Rinsate	

Signature: Date: 5/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-17-PW-12

Ecology Tag

Diameter: _____ Screened Interval: _____

Total Depth: _____ Transducer S/N: _____

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Missing Lid

Secure: ☐ Yes ☐ No N/A Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: N/A

One Casing Volume (gal): _____

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC): _____

Begin purge (time): 1630 End purge (time): 1642

Volume purged: 1.6 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L/gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1639	N/A	1.0	6.48	11.35	28.7	1.37	6.2	125.6	
1642		1.3	6.46	10.92	28.4	1.21	6.1	128.8	

Ferrous Iron Field Test _____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-17-PW-12-060521 Depth of tubing/distance from shore: 2'

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 1644 Weather: Sunny / Rain

Duplicate Sample No: — Time Duplicate Sample Collected: _____

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☒ _____

Sample Collected with: ☐ Grab ☒ Pump Other: _____ Type: ☒ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☒ HACH ☐ ~~Lamotte~~ (Turbidity only) Other: _____

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No Odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☐	_____	( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐	_____	( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: _____ Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: M. Schachtman

Purge Data

Location ID: S6-17-Wp-36

Ecology Tag: —

Diameter: — Screened Interval: —

Total Depth: — Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): OK

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): — Time: —

After 5 minutes of purging (from TOC): —

Begin purge (time): 1528 End purge (time): 1543

Volume purged: 0.8 Purge water disposal method: ☑ Site

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1533		0.5	6.16	5.89	36.1	123	6.5	88.2	Initial
1538		0.7	6.23	7.01	34.1	74.3	7.0	83.0	cloudy dry
1543		0.8	6.55	9.55	30.5	15.4	7.5	79.4	
	Low yield - slow to fill; purged bottles filled								

Ferrous Iron Field Test 0.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: S6-17-Wp-36-060521 Depth of tubing/distance from shore: ~8'

Date Collected (mo/dy/yr): 6/5/2021 Time Sample Collected: 1600 Weather: Overcast, light rain, high 51°F

Duplicate Sample No: — Time Duplicate Sample Collected:

Type: ☐ Groundwater ☐ Surface Water ☑ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type: ☑ disposable 0.45-µm ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☐ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: : ☐ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other Hach/YSI Quatro

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3)	☑	TDS/TSS	(unpres)	☑	TOC	(H2SO4)	☐	Cl/SO4/NO3	(unpres)	☐		( ) ☐
Diss Metals (filtered)	(HNO3)	☑	Alkalinity (no headspace)	(unpres)	☑	DOC (filtered)	(H2SO4)	☐	Hardness	(calculated)	☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	1	☐ Field Duplicate	
500 mL HDPE	HNO3	2	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	4	☐ Rinsate	

Signature: Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: K. Cismeros

Purge Data

Location ID: SG-18-PW-6

Ecology Tag: N/A

Diameter: 6" Screened Interval: 3'

Total Depth: Transducer S/N:

Location Condition (Well damage, creek level, iron staining, fire damage): N/A

Secure: ☒ Yes ☐ No Depth Sounder decontaminated prior to use: ☒ Yes ☐ No

Photograph Numbers: N/A

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): N/A Time:

After 5 minutes of purging (from TOC): N/A

Begin purge (time): 1048 End purge (time): 1055

Volume purged: 1.2 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe				
Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	HACH LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1051	N/A	0.5	5.78	8.46	117.1	2.61	6.7	124.1	
1054	↓	1.0	5.77	8.22	121.3	1.26	6.7	123.3	

Ferrous Iron Field Test ____ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-18-PW-6-060521 Depth of tubing/distance from shore: 4'

Date Collected (mo/dy/yr): 6/5 Time Sample Collected: 1056 Weather: Cloudy, Sunny

Duplicate Sample No: N/A Time Duplicate Sample Collected:

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-um ☐

Sample Collected with: ☐ Grab ☐ Pump Other: Type: ☐ Peristaltic ☐ Bladder Other: Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS ☐ Horiba U-50 ☒ LaMotte (Turbidity only) HACH Other:

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☐	Cl/SO4/NO3	(unpres) ☐		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
	Total	6		

Signature: Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: G. Cisneros

Purge Data

Location ID: SG-18-PW-12

Ecology Tag N/A

Diameter: ___ Screened Interval: 3'

Total Depth: 12" Transducer S/N: ___

Location Condition (Well damage, creek level, iron staining, fire damage): Good

Secure: ☐ Yes ☐ No N/A Depth Sounder decontaminated prior to use: ☐ Yes ☐ No N/A

Photograph Numbers: N/A

One Casing Volume (gal): ___

Depth of water (from TOC or staff gauge): N/A Time: N/A

After 5 minutes of purging (from TOC): ___

Begin purge (time): 1122 End purge (time): 1132

Volume purged: 1.0 Purge water disposal method: Ground

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged (L/gal)	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1129	N/A	0.5	5.88	8.18	130.9	1.06	6.7	111.7	
1132	N/A	1.0	5.85	7.99	130.0	0.65	6.7	113.6	

HACH

Ferrous Iron Field Test ___ mg/L or ☒ Not Detected

Sampling Data

Sample No: SG-18-PW-12-060521 Depth of tubing/distance from shore: 41

Date Collected (mo/dy/yr): 6/5/21 Time Sample Collected: 1133 Weather: Sunny

Duplicate Sample No: N/A Time Duplicate Sample Collected: ___

Type: ☐ Groundwater ☐ Surface Water ☒ Porewater (6"/red, 12"/green, 36"/black) Sample: ☒ Unfiltered ☒ Filtered Filter Type: ☒ disposable 0.45-µm ☒ ___

Sample Collected with: ☒ Grab ☐ Pump Other: ___ Type: ☒ Peristaltic ☐ Bladder Other: ___ Flow Rate (L/min): 0.1

Water Quality Instrument Data Collected with: Type: : ☒ YSI Pro DSS ☐ Horiba U-50 : ☒ ~~LaMotte~~ HACH (Turbidity only) Other: ___

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☒ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear No Odor

Sample Analyses

Total Metals	(HNO3) ☒	TDS/TSS	(unpres) ☒	TOC	(H2SO4) ☒	Cl/SO4/NO3	(unpres) ☒	___	(___) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☒	DOC (filtered)	(H2SO4) ☒	Hardness	(calculated) ☐	___	(___) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: ___ Date: 6/5/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/5/21

Field Event: Spring 2021 Field Personnel: N. Shacklyman

Purge Data

Location ID: S6-18-WP-36

Ecology Tag: —

Diameter: — Screened Interval: —

Total Depth: — Transducer S/N: —

Location Condition (Well damage, creek level, iron staining, fire damage): —

Secure: ☑ Yes ☐ No Depth Sounder decontaminated prior to use: ☑ Yes ☐ No

Photograph Numbers: —

One Casing Volume (gal): —

Depth of water (from TOC or staff gauge): — Time: —

After 5 minutes of purging (from TOC): —

Begin purge (time): 1117 End purge (time): 1127

Volume purged: ~1.75L Purge water disposal method: to Site

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
1122	—	1.0	6.26	7.92	83.9	1.60	7.8	58.4	
1127	—	1.75	6.29	6.67	91.2	3.70	7.8	57.8	

Ferrous Iron Field Test 0.0 mg/L or ☐ Not Detected

Sampling Data

Sample No: S6-18-WP-36-060521 Depth of tubing/distance from shore: 6'

Date Collected (mo/dy/yr): 6/5/2021 Time Sample Collected: 1130 Weather: overcast, high 51°F

Duplicate Sample No: — Time Duplicate Sample Collected: —

Type: ☐ Groundwater ☐ Surface Water ☑ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☐ Filtered Filter Type: ☑ disposable 0.45-µm ☐ —

Sample Collected with: ☐ Grab ☑ Pump Other: — Type: ☑ Peristaltic ☐ Bladder Other: — Flow Rate (L/min): —

Water Quality Instrument Data Collected with: Type: : ☐ YSI Pro DSS ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach/YSI Quatro

Sample Decon Procedure: Sample collected with: ☐ disposable tubing ☑ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☐	—	(—) ☐
Diss Metals (filtered)	(HNO3) ☑	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☐	—	(—) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	

Signature: [signature] Date: 6/5/21

SEEP SAMPLE COLLECTION FORM

Project Name: RT Holden
Date of Collection: 6/6/21
Project Number:
Field Personnel: GC/EM

Seep Details and Observations

Location ID: SP-30
Seep Type: pool; moist to wet surface area; sheet flow; other: Gushing Pool
GPS Coordinates:
Location Description: Toe of TP-3
Photo taken? Yes
Location marked on field map? Yes

Field Measurements

Seep Description (width, length, depth of pool): Under Talus ~2'x1'

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
1415	>5gal/MIN	6.13	20.29	50.1	3.39	5.4	74.1

Flow Measurement Method: YSI & HACH For Turb
Distance from creek or river drainage, if applicable: 40'
Water Quality Instrument Data Collected with: Type: ☐ ~~Horiba U-50~~ YSI Other: _____ by: ☒ Directly in seep pool ☐ Dam ☐ Collection into bucket
Water Quality Parameters Collected after sample collected? ☒ Yes ☐ No (before)
H_2O Parameters collected before sample collected

Seep Sampling Data

Sample No: SP-30-060621
Location and Depth:
Date Collected (mo/dy/yr): 6/6/21
Time Collected: 1440
Weather: Rainy
Duplicate Sample No:
Duplicate Sample Time Collected: N/A
Sample: ☒ Filtered ☐ Unfiltered Other: DOC
Sample Collected with: ☐ Syringe ☐ Direct Collection ☒ Pump Other: ____ Type:
Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	~~COD/TOC~~ DOC	(H2SO4) ☐	Orthophos	(FILTER) ☐	Diss. Metals	(HNO3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO3) ☑	TKN/Phos	(N2SO4) ☐	VOCs	(HCl) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
Anions		1
Alk		1
DOC	Amber	1
Total Metals		1

Comments: Ferrous Fe = 1.0

Signature: [signature]
Date: 6/6/21

SEEP SAMPLE COLLECTION FORM

Project Name: Holden
Date of Collection: 6/9/21
Project Number: Spring 2021
Field Personnel: KH, EM

Seep Details and Observations

Location ID: SP-33
Seep Type: pool; moist to wet surface area; sheet flow; other
GPS Coordinates: Existing
Upwelling under rock near RRC bank
Location Description: RRC bank
Photo taken? ✓
Location marked on field map? NA

Field Measurements

Seep Description (width, length, depth of pool): Upwelling from rocks, 18" wide

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
14:31	1 gal/min	6.21	11.61	88.6	1.06	7.7	220.1
14:36	"	6.17	9.16	88.3	~~1.21~~ 0.84	7.6	218.1

Flow Measurement Method: visual
Distance from creek or river drainage, if applicable: ~5'
Water Quality Instrument Data Collected with: Type: ☐ Horiba U-50 Other: YSI Quatro by: ☐ Directly in seep pool ☐ Dam ☐ Collection into bucket
Flow through cell
Water Quality Parameters Collected after sample collected? ☐ Yes ☑ No

Seep Sampling Data

Sample No: SP-33-060921
Location and Depth: SP-33
Date Collected (mo/dy/yr): 6/9/21
Time Collected: 14:20
Weather: sunny
Duplicate Sample No: NA
Duplicate Sample Time Collected: NA
Sample: ☑ Filtered ☐ Unfiltered Other: DOC
Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other: ____ Type: peristaltic
Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses

total metals, alkalinity, anions, DOC

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres.) ☐	COD / TOC	(H_2SO_4) ☐	Orthophos	(FILTER) ☐	Diss. Metals	(HNO_3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO_3) ☐	TKN/Phos	(N_2SO_4) ☐	VOCs	(HCl) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL poly	HNO_3	1
500 mL poly	none	2
250 mL AG	H_2SO_4	1

Comments: Ferrous = ND

Signature: Kim Hutchens
Date: 6/9/21

SEEP SAMPLE COLLECTION FORM

Project Name: Holden
Date of Collection: 6/9/21
Project Number: Spring 2021
Field Personnel: KH, EM

Seep Details and Observations

Location ID: SP-34
Seep Type: pool; moist to wet surface area; sheet flow; other:
GPS Coordinates: Existing
High flow from under rip rap
Location Description: High flow from under rip rap (above creek level), TP2
Photo taken? ✓
Location marked on field map? NA

Field Measurements

Seep Description (width, length, depth of pool): Description above noted above, near creek, 3" channel

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
15:37	5-10 gal/min	6.43	11.83	42.0	2.05	7.8	106.8
15:40	"	6.31	10.34	42.0	1.83	7.9	98.9

Flow Measurement Method: visual

Distance from creek or river drainage, if applicable: 1-2"

Water Quality Instrument Data Collected with: Type: ☐ Horiba U-50 Other: YSI Quatro by: ☐ Directly in seep pool ☐ Dam ☐ Collection into bucket

Water Quality Parameters Collected after sample collected? ☐ Yes ☑ No Flow through cell

Seep Sampling Data

Sample No: SP-34-060921
Location and Depth: SP-34
Date Collected (mo/dy/yr): 6/9/21
Time Collected: 15:35
Weather: sunny, windy
Duplicate Sample No: NA
Duplicate Sample Time Collected: NA
Sample: ☑ Filtered ☐ Unfiltered Other: DOC
Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other: ____ Type: peristaltic
Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	COD / TOC	(H2SO4) ☐	Orthophos	(FILTER) ☐	Diss. Metals	(HNO3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO3) ☐	TKN/Phos	(N2SO4) ☐	VOCs	(HCl) ☐

Additional Information

total metals, alkalinity, anions, DOC

Types of Sample Containers:	Preservative:	Quantity:
500 mL poly	HNO_3	1
500 mL poly	none	2
250 mL AG	H_2SO_4	1
		4

Comments: Ferrous = 40.5

Signature: Ken Kitts
Date: 6/9/21

SEEP SAMPLE COLLECTION FORM

Project Name: RT — Date of Collection: 6/6/21

Project Number: Hilde — Field Personnel: CC / EM

Seep Details and Observations

Location ID: SP-45 — Seep Type: pool; moist to wet surface area; sheet flow; other: Pool

GPS Coordinates:

Location Description: SP-45 Toe of TP3

Photo taken? Yes — Location marked on field map? Yes

Field Measurements

Seep Description (width, length, depth of pool): Beneath Talus 2' x 1'

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
1530	Saturated	5.62	10.75	55.4	4.10	4.8	141.0

Flow Measurement Method: YSI Flow cell

Distance from creek or river drainage, if applicable:

Water Quality Instrument Data Collected with: Type: ☐ Horiba U-50 Other: YSI & HACH by: ☒ Directly in seep pool ☐ Dam ☐ Collection into bucket Tubing in

Water Quality Parameters Collected before sample collected? ☒ Yes ☐ No

Seep Sampling Data

Sample No: SP-45-060621 — Location and Depth:

Date Collected (mo/dy/yr): 6/6/21 — Time Collected: 1540 — Weather: Rainy

Duplicate Sample No: — — Duplicate Sample Time Collected: N/A

Sample: ☒ Filtered ☒ Unfiltered Other:

Sample Collected with: ☐ Syringe ☐ Direct Collection ☒ Pump Other: ____ Type: N/A

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	~~COD~~ / DOC / TOC	(H2SO4) ☐	Orthophos	(FILTER) ☐	Diss. Metals	(HNO3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	~~Total~~ Metals	(HNO3) ☐	TKN/Phos	(N2SO4) ☐	VOCs	(HCl) ☐

Additional Information

Types of Sample Containers.	Preservative:	Quantity:	Comments:
Alk		1	
Anions		1	Ferrous Fe = 0.5
DOC		1	
Total Metals		1	

Signature: [signature] Date: 6/6/21

SEEP SAMPLE COLLECTION FORM

Project Name: Holden Date of Collection: 6/7/21

Task: Seeps Field Personnel: NW & EM

Seep Details and Observations

Location ID: SP-46 Seep Type: pool; moist to wet surface area; sheet flow; other: Pool

GPS Coordinates:

Water level of nearby Staff Gauge: Location Description:

Seep Description (width, length, depth of pool)

Photo taken? Location marked on field map?

Field Measurements

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
1344	Stagnant	6.42	9.32	74.7		5.9	61.4
1346		7.08	10.93	31.8		6.5	49.6

Nearest surface

Ferrous Iron Field Test: _____ mg/L or ☐ Not Detected

Flow Measurement Method:

Distance from creek or river drainage, if applicable:

Water Quality Instrument Data Collected with. Type: ☐ YSI Pro DSS : ☐ LaMotte Turbidity Meter Other:

Parameters measured by: ☒ Directly in seep pool ☐ Dam ☐ Collection into bucket Water Quality Parameters Collected after sample collected? ☐ Yes ☐ No

Seep Sampling Data

Sample No: None Location and Depth.

Date Collected (mo/dy/yr): Time Collected: Weather:

Duplicate Sample No: Duplicate Sample Time Collected:

Sample: ☐ Filtered ☐ Unfiltered Other Filter Type:

Sample Collected with: ☐ Syringe ☐ Direct Collection ☐ Pump Other: Type:

Sample Description (Color, Turbidity, Odor, Other):

Sample Analyses

Total Metals	(HNO3) ☐	Cl/SO4/NO3	(unpres) ☐	DOC (filtered)	(H2SO4) ☐	Alkalinity	(no head) ☐	_____	(_____) ☐		
Diss Metals (filtered)	(HNO3) ☐	Hardness	(calculated) ☐	_____	(_____) ☐	_____	(_____) ☐	_____	(_____) ☐		

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL HDPE	None	0
500 mL HDPE	HNO3	0
250 mL Glass Amber	H2SO4	0

Comments:

SP-50 Dry, EM has photo 1343

SP-46 Not Sampleable - too small & Stagnant

Signature: Date: 6/7/21

SEEP SAMPLE COLLECTION FORM

Project Name: Holden Date of Collection: 6/7/21

Task: See p3 Field Personnel: NW & EM

Seep Details and Observations

Location ID: SP-47 Seep Type: pool; moist to wet surface area; sheet flow; other: Flow through Rip-Rap

GPS Coordinates:

Water level of nearby Staff Gauge: None Location Description: flats downstream of DS-17 Island

Seep Description (width, length, depth of pool) 1' x 2' x 1'

Photo taken? Yes, NW phone Location marked on field map? Established

Field Measurements

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
SP-47 1324	slow	6.60	15.00 ↓ 11.44	40.1		5.4	76.0
1326		6.89	11.90	40.3		5.4	57.4
Nearby stream 1327		7.02	11.89	31.1		6.3	59.6
1333		7.20	11.56	31.0	2.83	6.3	47.2
SP-47 1602		6.47	11.58	40.2	3.19	6.1	78.8

Ferrous Iron Field Test: _____ mg/L or ☒ Not Detected

Flow Measurement Method:

Distance from creek or river drainage, if applicable: 10'

Water Quality Instrument Data Collected with: Type: ☒ YSI Pro DSS : ☐ LaMotte Turbidity Meter Other: HACH

Parameters measured by: ☒ Directly in seep pool ☐ Dam ☐ Collection into bucket Water Quality Parameters Collected after sample collected? ☐ Yes ☐ No

Seep Sampling Data

Sample No: SP-47-060721 Location and Depth:

Date Collected (mo/dy/yr): 6/7/21 Time Collected: 1605 Weather: light rain

Duplicate Sample No: Duplicate Sample Time Collected:

Sample: ☒ Filtered ☒ Unfiltered Other: Filter Type:

Sample Collected with: ☐ Syringe ☐ Direct Collection ☒ Pump Other: ____ Type: peristaltic

Sample Description (Color, Turbidity, Odor, Other): clear

Sample Analyses

Total Metals (HNO3) ☒ Cl/SO4/NO3 (unpres) ☒ DOC (filtered) (H2SO4) ☒ Alkalinity (no head) ☒ _____ (____) ☐

Diss Metals (filtered) (HNO3) ☐ Hardness (calculated) ☐ _____ (____) ☐ _____ (____) ☐ _____ (____) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL HDPE	None	1
500 mL HDPE	HNO3	1
250 mL Glass Amber	H2SO4	1
1L HDPE	none	1

Comments: ↓ indicates value dropping, not stable

Signature: NW Date: 6/7/21

SEEP SAMPLE COLLECTION FORM

Project Name: RT - Holden mine
Date of Collection: 6/6/2021
Project Number: RT - Holden Mine
Field Personnel: KH, NS

Seep Details and Observations

Location ID: Sp-~~48~~ 48
Seep Type: pool; moist to wet surface area; sheet flow (other) upwelling seep
GPS Coordinates: Collected w/ GPS
Location Description: upslope of TP3 wetlands. Upwelling @ base of Cedar tree
Photo taken? ✓ Location marked on field map? ✓

Field Measurements

Seep Description (width, length, depth of pool): upwelling @ base of Cedar tree; sheet flow to wetlands

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
1250	1.5L/min	5.74	9.88	46.1		3.8	153.2
1253	1.5L/min	5.85	9.27	46.1	2.16	3.9	147.6

Flow Measurement Method: Visual estimate Ferrous iron = 0.0
Distance from creek or river drainage, if applicable: ~ 6' upslope of TP3 wetlands
Water Quality Instrument Data Collected with: Type: ☐ Horiba U-50 Other: YSI Pro20 by: ☐ Directly in seep pool ☑ Dam ☐ Collection into bucket
Water Quality Parameters Collected after sample collected? ☐ Yes ☑ No

Seep Sampling Data

Sample No: Sp-48-060621 Location and Depth: —
Date Collected (mo/dy/yr): 6/6/2021 Time Collected: 1300 Weather: raining, high 51°F
Duplicate Sample No: — Duplicate Sample Time Collected: —
Sample: ☑ Filtered ☐ Unfiltered Other:
Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other: ____ Type: peristaltic
Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses DOC, total metals, alkalinity, anions

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	~~COD~~/DOC	(H2SO4) ☐	Orthophos	(FILTER) ☐	Diss. Metals	(HNO3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO3) ☑	TKN/Phos	(N2SO4) ☐	VOCs	(HCl) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 poly	—	2
250 amber	H_2SO_4	1
500 poly	HNO_3	1
		4

Comments: New Seep location
Ferrous Iron = ND

Signature: [signature] Date: 6/6/21

SEEP SAMPLE COLLECTION FORM

Project Name: Holden Mine
Project Number: RT - Holden Mine
Date of Collection: 6/6/2021
Field Personnel: MS, KH

Seep Details and Observations

Location ID: SP-~~46~~ 49
Seep Type: pool; moist to wet surface area; sheet flow; other: upwelling seep near tree base
GPS Coordinates: — Marked on field map
Location Description: upwelling near base of Cedar flowing into TP3 wetlands w/ small pool
Photo taken? ✓ Location marked on field map? —

Field Measurements

Seep Description (width, length, depth of pool): ~2' x 3' x 0.5' (L x W x H)

Time	Flow (calculate or ~~estimate~~)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
1340	4L/min	6.02	8.28	44.5	0.79	4.5	131.4
1343	4oL/min	6.06	8.27	44.7	—	4.5	129.5

Flow Measurement Method: Visual estimate
Distance from creek or river drainage, if applicable: ~6' flowing directly into wetlands
Water Quality Instrument Data Collected with: Type: ☐ Horiba U-50 Other: YSI Quatro by: ☑ Directly in seep pool ☐ Dam ☐ Collection into bucket
Water Quality Parameters Collected after sample collected? ☐ Yes ☑ No

Seep Sampling Data

Sample No: SP-~~46~~ 49 - 060621
Location and Depth: —
Date Collected (mo/dy/yr): 6/6/21 Time Collected: 13:50 Weather: rainy
Duplicate Sample No: SP-~~146~~ 149 - 060621 Duplicate Sample Time Collected: 14:00
Sample: ☐ Filtered ☐ Unfiltered Other:
Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other: ____ Type: peristaltic
Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses DOC, alkalinity, anions, total metals

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	~~COD / TOC~~ DOC	(H2SO4) ☑	Orthophos	(FILTER) ☐	Diss. Metals	(HNO3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO3) ☑	TKN/Phos	(N2SO4) ☐	VOCs	(HCl) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL poly	-	2
250 mL AG	H_2SO_4	1
50mL poly	HNO_3	1
		4

Comments:
Field dup collected = SP-149-060621
New seep location
Ferrous Iron = ND

Signature: [signature] Date: 6/6/2021

SEEP SAMPLE COLLECTION FORM

Project Name: RT Holdy
Date of Collection: 6/6/21
Project Number:
Field Personnel: GC / GM

Seep Details and Observations

Location ID: SP-50
Seep Type: pool; moist to wet surface area; sheet flow, other: Pool
GPS Coordinates:
Location Description: Toe of TP-3
Photo taken? No
Location marked on field map? Yes

Field Measurements

Seep Description (width, length, depth of pool): 2' x 3'

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C) HACH	ORP (mV)
1615	2gpds/min	5.76	10.22	58.1	3.37	4.9	130.7

Flow Measurement Method: Estimate
Distance from creek or river drainage, if applicable: ~30'
Water Quality Instrument Data Collected with: Type: ☒ Horiba U-50 Other: HACH by: ☒ Directly in seep pool ☐ Dam ☐ Collection into bucket
Water Quality Parameters Collected after sample collected? ☒ Yes ☐ No

Seep Sampling Data

Sample No: SP-50 - 060621
Location and Depth: TP-3 Toe
Date Collected (mo/dy/yr): 6/6/21
Time Collected: 1640
Weather: Cloudy
Duplicate Sample No:
Duplicate Sample Time Collected:
Sample: ☒ Filtered ☒ Unfiltered Other:
Sample Collected with: ☐ Syringe ☐ Direct Collection ☒ Pump Other: Type: YSI Flow cell
Sample Description (Color, Turbidity, Odor, Other):

Sample Analyses

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	COD / TOC	(H2SO4) ☒	Orthophos	(FILTER) ☐	Diss. Metals	(HNO3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO3) ☒	TKN/Phos	(N2SO4) ☐	VOCs	(HCl) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:	Comments:
Total Metals		2	
DOC		2	Ferrous Fe = ND
Anions		2	
Alk		2	MS MSD Collected

Signature:
Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: Spring 2021 Field Personnel: KH, NS

Purge Data

Location ID: SW-TP3-East1

Ecology Tag: No tag

Diameter: NA Screened Interval: NA

Total Depth: NA Transducer S/N: NA

Location Condition (Well damage, creek level, iron staining, fire damage):

Secure: ☐ Yes ☐ No KH 6/6/21 Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 1.39 Time: 8:36

After 5 minutes of purging (from TOC):

Begin purge (time): KH 6/6/21 End purge (time):

Volume purged: Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (µS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
8:36	–	–	5.65	12.43	74.3	0.96	6.1	143.2	
8:41	–	–	5.61	11.41	71.1	–	6.1	127.4	
8:45	–	–	5.74	~~12.~~ 11.54	70.1	–	6.1	111.3	

Ferrous Iron Field Test _____ mg/L or ☑ Not Detected

Sampling Data

Sample No: SW-TP3-East1-060621 Depth of tubing/distance from shore: 6", 10' feet from shore

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 8:35 Weather: overcast

Duplicate Sample No: NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☑ Unfiltered ☑ Filtered DOC Filter Type: ☐ disposable 0.45-µm ☐ _____

Sample Collected with: ☐ Grab ☑ Pump Other: _____ Type: ☑ Peristaltic ☐ Bladder Other: _____ Flow Rate (L/min): _____

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~ProDSS~~ Quatro ☐ Horiba U-50 : ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, ~~fold poles~~, no odor

Sample Analyses

Total Metals	(HNO3)	☑	TDS/TSS	(unpres)	☑	TOC	(H2SO4)	☑	Cl/SO4/NO3	(unpres)	☑	_____	(____) ☐
Diss Metals (filtered)	(HNO3)	☐	Alkalinity (no headspace)	(unpres)	☑	DOC (filtered)	(H2SO4)	☑	Hardness	(calculated)	☑	_____	(____) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	Tad poles present
500 mL HDPE	HNO3	1	☐ MS/MSD	Field Blank collected @ 9:00 AM
500 mL HDPE	none	1	☑ Field Blank	
250 mL Glass Amber	H2SO4	2/6	☐ Rinsate	

Signature: Ken Hotalen Date: 6/6/21

GROUNDWATER, POREWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project Name: RT-Holden Mine Date of Collection: 6/6/21

Field Event: Spring 2021 Field Personnel: KH, NS

Purge Data

Location ID: SW-TP3-East2

Ecology Tag: –

Diameter: – Screened Interval: –

Total Depth: – Transducer S/N: –

Location Condition (Well damage, creek level, iron staining, fire damage):

Secure: ☐ Yes ☐ No Depth Sounder decontaminated prior to use: ☐ Yes ☐ No

Photograph Numbers:

One Casing Volume (gal):

Depth of water (from TOC or staff gauge): 2.8 Time: 10:21

After 5 minutes of purging (from TOC):

Begin purge (time): End purge (time):

Volume purged Purge water disposal method:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
¾	1.050"	0.804"	0.0229	0.2916
2"	2.375"	2.067"	0.17	1.45
2.5"	2.875"	2.445"	0.255	2.129
4"	4.500"	4.026"	0.66	5.51

Time	DTW (decimal ft below TOC)	Vol. Purged L / gal	pH (s.u.)	DO (mg/L)	Specific Conductivity (uS/cm)	LaMotte Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments
10:20	–	–	5.11	7.82	146.8	6.72	5.5	140.7	
10:24	–	–	5.16	7.63	150.0	2.55	5.6	132.6	

Ferrous Iron Field Test 1.5 mg/L or ☐ Not Detected

Sampling Data

Sample No: SW-TP3-East2-060621 Depth of tubing/distance from shore: 6", 5' feet from shore

Date Collected (mo/dy/yr): 6/6/21 Time Sample Collected: 10:10 Weather: overcast

Duplicate Sample No. NA Time Duplicate Sample Collected: NA

Type: ☐ Groundwater ☑ Surface Water ☐ Porewater (6"/red, 12"/green, 36"/black) Sample: ☐ Unfiltered ☐ Filtered Filter Type: ☐ disposable 0.45-um ☐

Sample Collected with: ☐ Grab ☑ Pump Other: Type: ☑ Peristaltic ☐ Bladder Other: Flow Rate (L/min):

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS (YSI Quatro) ☐ Horiba U-50 ☐ LaMotte (Turbidity only) Other: Hach

Sample Decon Procedure: Sample collected with: ☑ disposable tubing ☐ dedicated silicon and poly tubing ☐ Tubing replaced

Sample Description (Color, Turbidity, Odor, Other): Clear, No odor

Sample Analyses

Total Metals	(HNO3) ☑	TDS/TSS	(unpres) ☑	TOC	(H2SO4) ☑	Cl/SO4/NO3	(unpres) ☑		( ) ☐
Diss Metals (filtered)	(HNO3) ☐	Alkalinity (no headspace)	(unpres) ☑	DOC (filtered)	(H2SO4) ☑	Hardness	(calculated) ☑		( ) ☐

Additional Information

Type of Sample Containers:	Preservative	Quantity:	QA/QC Samples:	Comments:
1000 mL HDPE	none	2	☐ Field Duplicate	
500 mL HDPE	HNO3	② 1	☐ MS/MSD	
500 mL HDPE	none	1	☐ Field Blank	
250 mL Glass Amber	H2SO4	2	☐ Rinsate	
		= 6		

Signature: Date: 6/6/2021

SEEP SAMPLE COLLECTION FORM

Project Name: Holden Date of Collection: 6/9/21

Task: Spring 2021 Field Personnel: EM, KH

Seep Details and Observations

Location ID: SP-12-East Seep Type: pool; moist to wet surface area; sheet flow; other:

GPS Coordinates: Existing seep Upwelling

Water level of nearby Staff Gauge: - Location Description: west seeps area

Seep Description (width, length, depth of pool) upwelling from beneath rock on hillside above RRC

Photo taken? ✓ Location marked on field map? NA

Field Measurements

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
13:12	1.5 gal/min	4.96	12.27	85.9	0.64	4.9	264.1
13:15	1.5 gal/min	4.92	11.87	85.5	-	5.0	265.6
13:17	1.5 gal/min	4.91	11.78	85.2	-	4.9	265.7

Ferrous Iron Field Test: _____ mg/L or ☑ Not Detected

Flow Measurement Method: visual

Distance from creek or river drainage, if applicable: At riverbank

Water Quality Instrument Data Collected with: Type: ☑ YSI ProDSS Quatro : ☐ LaMotte Turbidity Meter Other: Hach

Parameters measured by: ☐ Directly in seep pool ☐ Dam ☐ Collection into bucket Water Quality Parameters Collected after sample collected? ☐ Yes ☐ No

Seep Sampling Data

Sample No: SP-12-East-060921 Location and Depth:

Date Collected (mo/dy/yr): 6/9/21 Time Collected: 13:15 Weather: partly cloudy

Duplicate Sample No: NA Duplicate Sample Time Collected: NA

Sample: ☑ Filtered DOC ☑ Unfiltered Other: Filter Type: 0.45 um

Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other: Type:

Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses total metals, anions, alkalinity, DOC

Total Metals (HNO3) ☑ Cl/SO4/NO3 (unpres) ☑ DOC (filtered) (H2SO4) ☑ Alkalinity (no head) ☑ _____ (_____) ☐

Diss Metals (filtered) (HNO3) ☐ Hardness (calculated) ☐ _____ (_____) ☐ _____ (_____) ☐ _____ (_____) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL HDPE	None	2
500 mL HDPE	HNO3	1
250 mL Glass Amber	H2SO4	1
		4

Comments: Ferrous Iron = ND

Signature: Kan Hutchison Date: 6/9/21

SEEP SAMPLE COLLECTION FORM

Project Name: RT Holden Mine Date of Collection: 6/7/2021

Task: Spring 2021 Event Field Personnel: NS, KH

Seep Details and Observations

Location ID: SP-12-West Seep Type: (pool) moist to wet surface area, sheet flow, other: ____

GPS Coordinates: —

Location Description: ~35' up from RRC. See below.

Seep Description (width, length, depth of pool) upwelling seep cascading down hillslope to RRC

Photo taken? ✓ Location marked on field map? In previously ID'd location

Field Measurements

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
15:05	2gpm	4.61	12.26	58.8	~~5.65~~	4.3	275.6
15:07	"	4.65	12.30	56.5 7.0	~~2.01~~ 0.47	4.3	274.2

Flow Measurement Method: Visual estimate

Distance from creek or river drainage, if applicable: ~35' above. ~15' across w/ 2 significant channels/ Expressions down hillslope

Water Quality Instrument Data Collected with: Type: ☑ YSI ~~EcoSCS~~ Quatro ☐ LaMotte Turbidity Meter Other: ~~Hach/YSI~~ Quatro

Parameters measured by: ☑ Directly in seep pool ☐ Dam ☐ Collection into bucket Water Quality Parameters Collected after sample collected? ☐ Yes ☒ No

Seep Sampling Data

Sample No: SP-12-West-060721 Location and Depth: ~~~ East-most Cascade

Date Collected (mo/dy/yr): 6/7/2021 Time Collected: 1445 Weather: partly cloudy, high 65°F

Duplicate Sample No: — Duplicate Sample Time Collected: —

Sample: ☑ Filtered ☑ Unfiltered Other: ____ Filter Type: 0.45 µ

Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other: ____ Type: Geopump

Sample Description (Color, Turbidity, Odor, Other): clear, no odor

Sample Analyses

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☑	(DOC) TOC	(H2SO4) ☑	Anions	(unpres) ☑	Alkalinity	(no head) ☑		
TPH-G	(HCl) ☐	BTEX	(HCl) ☑	Total Metals	(HNO3) ☑	Diss Metals	(HNO3) ☐	VOCs	(HCl) ☐		

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL poly	HNO_3	1
500 mL poly	none	2
250 mL AG	H_2SO_4	1
		4

Comments:

Ferrous Iron = ND

Collected field blank → Field Blank-1-SP-060721

Signature: [signature] Date: 6/7/2021

SEEP SAMPLE COLLECTION FORM

Project Name: RT-Holden Date of Collection: 6/9/21

Task: Seep / Spring 2021 Field Personnel: GC / TS

Seep Details and Observations

Location ID: SP-14A Seep Type: (pool); moist to wet surface area; sheet flow; other: pool to stream

GPS Coordinates: _____

Location Description: w/in drainage

Seep Description (width, length, depth of pool): _____

Photo taken? _____ Location marked on field map? _____

Field Measurements

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
0855	5 gpm	4.06	13.98	168.2	0.82	3.8	278.3

Flow Measurement Method: Estimate

Distance from creek or river drainage, if applicable: Within drainage, ½ between Portal Rd & Honeymoon Rd

Water Quality Instrument Data Collected with. Type: ☒ YSI ~~ProDSS~~ Quatro : ☐ LaMotte Turbidity Meter Other: HACH 2100Q

Parameters measured by: ☒ Directly in seep pool ☐ Dam ☐ Collection into bucket Water Quality Parameters Collected on sample collected? ☒ Yes ☐ No Bylon

Seep Sampling Data

Sample No: SP-14A-060921 Location and Depth: SP-14A West Seeps

Date Collected (mo/dy/yr): 6/9/21 Time Collected: 9:50 Weather: Sunny

Duplicate Sample No: N/A Duplicate Sample Time Collected: —

Sample: ☒ Filtered ☒ Unfiltered Other: DOC Filter Type: 0.45 um

Sample Collected with: ☐ Syringe ☐ Direct Collection ☒ Pump Other: _____ Type: peristaltic

Sample Description (Color, Turbidity, Odor, Other): Clear

Sample Analyses

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	DOC / TOC	(H2SO4) ☒	Anions	(unpres) ☒	Alkalinity	(no head) ☒
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO3) ☒	Diss Metals	(HNO3) ☐	VOCs	(HCl) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL poly	—	2
500 mL poly	HNO3	1
250 mL Amber	H2SO4	1

Comments: Ferrous Iron: N/D

Exposed surface water in drainage. Flows for about 100' & subsurfaces again

Signature: _____ Date: 6/9/21

SEEP SAMPLE COLLECTION FORM

Project Name: Hidden
Project Number: Spring 2021
Date of Collection: 6/9/21
Field Personnel: KH, EM

Seep Details and Observations

Location ID: SP-41
Seep Type: pool; moist to wet surface area; sheet flow; other:
GPS Coordinates: Existing seep
Upwelling at the base of rocks near stream bank
Location Description: West seep area
Photo taken? ✓
Location marked on field map? NA

Field Measurements

Seep Description (width, length, depth of pool):

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
12:42	0.5 L/min	5.03	10.75	107.3	0.41	5.3	256.1

Flow Measurement Method: visual
Distance from creek or river drainage, if applicable: 50 feet
Water Quality Instrument Data Collected with: Type: ☐ Horiba U-50 Other: Quatro by. ☐ Directly in seep pool ☐ Dam ☐ Collection into bucket
Water Quality Parameters Collected after sample collected? ☐ Yes ☑ No
WQ in flow through cell

Seep Sampling Data

Sample No: SP-41-060721
Location and Depth: —
Date Collected (mo/dy/yr): 6/9/21
Time Collected: 12:40
Weather: partly cloudy
Duplicate Sample No: NA
Duplicate Sample Time Collected: NA
Sample: ☑ Filtered DOC ☑ Unfiltered Other:
Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other. ____ Type: peristaltic
Sample Description (Color, Turbidity, Odor, Other):

Sample Analyses total metals, DOC, alkalinity, anions

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	COD	TOC	(H2SO4) ☐	Orthophos	(FILTER)☐	Diss. Metals	(HNO3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO3) ☒		TKN/Phos	(N2SO4) ☐	VOCs	(HCl) ☐

Additional Information total metals, anions, alkalinity, DOC

Types of Sample Containers:	Preservative:	Quantity:
500 mL poly	none	2
500 mL poly	HNO_3	1
250 mL AG	H_2SO_4	1
		4

Comments:
Ferrous = ND

Signature: Ken Hutton
Date: 6/9/21

SEEP SAMPLE COLLECTION FORM

Project Name: Holden
Date of Collection: 6/9/21
Project Number: Spring 2021
Field Personnel: KH, EM

Seep Details and Observations

Location ID: SP-42
Seep Type: pool; moist to wet surface area; sheet flow; other:
GPS Coordinates: Existing seep
Upwelling from creek bed wall
Location Description: South of vent portal road ~100ft
Photo taken? ✓
Location marked on field map? NA

Field Measurements

Seep Description (width, length, depth of pool):

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
11:02	2.5 gal/min	4.45	11.71	126.0	1.15	5.9	255.0
11:~~07~~05	2.5 gal/min	4.42	~~11.2~~ 11.18	125.8	0.47	5.9	257.5

Flow Measurement Method: visual
Distance from creek or river drainage, if applicable: NA
Water Quality Instrument Data Collected with: Type: ☐ Horiba U-50 Other: YSI Quatro by: ☐ Directly in seep pool ☐ Dam ☐ Collection into bucket
Water Quality Parameters Collected after sample collected? ☐ Yes ☑ No WQ from flow through cell

Seep Sampling Data

Sample No: SP-42-060921
Location and Depth:
Date Collected (mo/dy/yr): 6/9/21
Time Collected: 11:05
Weather: sunny
Duplicate Sample No: NA
Duplicate Sample Time Collected: NA
Sample: ☑ Filtered DOC ☐ Unfiltered Other:
Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other: ____ Type: peristaltic
Sample Description (Color, Turbidity, Odor, Other) clear, no odor

Sample Analyses total metals, DOC, alkalinity, anions

TPH-D	(HCl) ☐	Chlor / Fluor	(unpres) ☐	COD / TOC DOC	(H2SO4) ☑	Orthophos	(FILTER) ☐	Diss. Metals	(HNO3) ☐
TPH-G	(HCl) ☐	BTEX	(HCl) ☐	Total Metals	(HNO3) ☑	TKN/Phos	(N2SO4) ☐	VOCs	(HCl) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL	HNO3	1
500 mL	none	2
250 mL	H_2SO_4	1
		4

Comments: Ferrous = ND

Signature: [signature]
Date: 6/9/21

SEEP SAMPLE COLLECTION FORM

Project Name: Holden - Date of Collection: 6/9/21

Task: Spring 2021 Field Personnel: KH, EM

Seep Details and Observations

Location ID: SP-43 Seep Type: pool; moist to wet surface area; sheet flow; other: Upwelling

GPS Coordinates: Existing Seep Seep in creek bed

Location Description: North of HH road

Seep Description (width, length, depth of pool) 2" wide flow, 3" deep pool

Photo taken? ✓ Location marked on field map? ✓

Field Measurements

Time	Flow (calculate or estimate)	pH	Dissolved Oxygen (mg/L)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)
10:07	1 gal/minute	4.16	~12*	163.8	0.68	5.6	266.2
10:10	1 gal/min	4.15	11.80	163.3	—	5.7	263.6

*DO not stable

Flow Measurement Method: visual

Distance from creek or river drainage, if applicable: NA

Water Quality Instrument Data Collected with: Type: ☑ YSI Pro DSS ✓ quatro ☐ LaMotte Turbidity Meter Other: Hach

Parameters measured by ☐ Directly in seep pool ☐ Dam ☐ Collection into bucket Collected in flow through cell Water Quality Parameters Collected after sample collected? ☐ Yes ☑ No

Seep Sampling Data

Sample No: SP-43-060921 Location and Depth:

Date Collected (mo/dy/yr): 6/9/21 Time Collected: 10:10 Weather: partly cloudy

Duplicate Sample No: NA Duplicate Sample Time Collected: NA

Sample: ✓ DOC ☑ Filtered ☐ Unfiltered Other: Filter Type:

Sample Collected with: ☐ Syringe ☐ Direct Collection ☑ Pump Other: Type: peristaltic

Sample Description (Color, Turbidity, Odor, Other): Clear, no odor

Sample Analyses

TPH-D (HCl) ☐ Chlor / Fluor (unpres) ☐ DOC / TOC (H2SO4) ☑ Anions (unpres) ☑ Alkalinity (no head) ☑

TPH-G (HCl) ☐ BTEX (HCl) ☐ Total Metals (HNO3) ☑ Diss Metals (HNO3) ☐ VOCs (HCl) ☐

Additional Information

Types of Sample Containers:	Preservative:	Quantity:
500 mL poly	HNO3	1
250 mL	H2SO4	1
500 mL poly	none	2
		4

Comments: Ferrous = ND

Signature: Kim Hutchins Date: 6/9/21

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix D
Laboratory Reports

DRAFT

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 July 2021

Amanda McKay
Floyd - Snider
601 Union Street Two Union Square, Suite 600
Seattle, WA 98101-2341

RE: Rio Tinto Holden Mine Reclamation/Remediation

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21F0123	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclosed Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kelly Bottem, Client Services Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0123	Turn-around Requested: Standard	Date: 6/3/2021	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 1 of 4	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See COC
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
NRC-3SR-GW-060321	6/3/21	1420	GW	6+6	X		X	X	X	X	X	X	MS/MSD
NRC-3IR-GW-060321		1537		6	X		X	X	X	X	X	X	
NRC-3DR-GW-060321		1417		7	X	X	X	X	X	X	X	X	
NRC-103DR-GW-060321		1421		7	X	X	X	X	X	X	X	X	
NRC-103SR-GW-060321		1430		6	X	P.O.	X	X	X	X	X	X	No diss Metals
MW-01-GW-060321		1659		6	X		X	X	X	X	X	X	
MW-2-GW-060321		1705		6	X		X	X	X	X	X	X	
DS-16I-GW-060421	6/4/21	1317	GW	6	X		X	X	X	X	X	X	
DS-16D-GW-060421		1255		6	X		X	X	X	X	X	X	
DS-16S-GW-060421		1217		6	X		X	X	X	X	X	X	

Comments/Special Instructions

- Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
- Anions: Chloride, sulfate and nitrate
- DOC and dissolved metals field filtered (FF) at 0.45 micron.
- If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
- Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Printed Name:	Pamela Osterhout	Jake Courtney		YAMED LISHAZLORE
Company:	FIS	MBS		YA YA SAFETY
Date & Time:	6/7/21 @ 1230	6/7/21 @ 1230	6/7/21 @ 1345	6/7/21 @ 1:45PM

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Dropped 6/7/21 @ 5:45PM SLOS

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Recived Jacob Haltz 06/07/2021 1745

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21-6123	Turn-around Requested: Standard	Date: 6/4/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 2 of 4	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See COC
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
		Analysis Requested												
5	DS-1SS-GW-060421	6/4/21	11:30	GW	6	X		X	X	X	X	X	X	
	DS-1SI-GW-060421	"	11:17	"	6	X		X	X	X	X	X	X	
	DS-1BS-GW-060421		13:50		6	X		X	X	X	X	X	X	
	DS-1BI-GW-060421		13:55		6	X		X	X	X	X	X	X	
4	DS-1BD-GW-060421		15:20		6	X		X	X	X	X	X	X	
	DS-17S-GW-060421		12:05		6	X		X	X	X	X	X	X	
	DS-17I-GW-060421		11:55		6+6	X		X	X	X	X	X	X	MS/MSD
	Field Blank-1-GW-060421		16:10		7	X	X	X	X	X	X	X	X	Run low level Cd to PQL = 0.02 ug/L
3	MW-3-GW-060421		1525		6	X		X	X	X	X	X	X	
	SG-7R-WP-060421	↓	17:16	↓	6	X		X	X	X	X	X	X	

Comments/Special Instructions

-Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
-Anions: Chloride, sulfate and nitrate
-DOC and dissolved metals field filtered (FF) at 0.45 micron.
-If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
-Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Pamela Osterhout	Jake Courtney		
Printed Name:	Pamela Osterhout	Jake Courtney		YARED L.
Company:	FS	MBS		YA YA SAFETY
Date & Time:	6/7/21 @1230	6/7/21 @1230	6/7/21 @1345	6/7/21 1:45 PM

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Dropped 6/7/21 @5:45PM

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Received Saubhata 06/07/2021 1745

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0123	Turn-around Requested: Standard	Date: 6/4/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 3 of 4	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See COC
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
DS-12S-GW-060421	6/4/21	1607	GW	6	X		X	X	X	X	X	X	
DS-12I-GW-060421	"	1705	"	6	X		X	X	X	X	X	X	
DS-12D-GW-060421	"	1629	"	6	X		X	X	X	X	X	X	
DS-13S-GW-060421	"	1446	"	6	X		X	X	X	X	X	X	
DS-13I-GW-060421	"	1455	"	6	X		X	X	X	X	X	X	
DS-13D-GW-060421	"	1539	"	6	X		X	X	X	X	X	X	
HBKG-2-GW-060421	"	1425	"	6	X		X	X	X	X	X	X	
US-1S-GW-060421	"	1255	"	6	X		X	X	X	X	X	X	
US-1I-GW-060421	"	1354	"	6	X		X	X	X	X	X	X	
US-1D-GW-060421	"	1300	"	6	X		X	X	X	X	X	X	

Comments/Special Instructions
- Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
- Anions: Chloride, sulfate and nitrate
- DOC and dissolved metals field filtered (FF) at 0.45 micron.
- If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
- Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Printed Name:	Pamela Osterhout	Jake Courtney		YARED LISANEWORK
Company:	FIS	MBS		YA YA SAFETY
Date & Time:	6/7/21 @ 1230	6/7/21 @ 1230	6/7/21 @ 1345	6/7/21 1:45PM

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

DROPPED 6/7/21 @ 5:45PM SLOS

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Received Jacob Haltz 06/07/2021 1745

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0123	Turn-around Requested: Standard	Date: 6/5/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 4 of 4	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See CRF
Client Project Name: RT-Holden			
Client Project #: RT-Holden Task 5.2	Samplers: G.W., T.S., K.H., B.B., G.C., N.W., R.C., E.M.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
TP2-12D-GW-060521	6/5/21	1045	GW	6	X		X	X	X	X	X	X	
TP2-12S-GW-060521		0930	GW	6	X		X	X	X	X	X	X	
RC-6-SW-060521		0820	SW	7	X	X	X	X	X	X	X	X	
RC-6-PW-6-060521		0910	PW	6	X		X	X	X	X	X	X	
RC-6-PW-12-060521		10:18	PW	6	X		X	X	X	X	X	X	
RC-6-WP-36-060521		11:05	PW	6	X		X	X	X	X	X	X	
RC-1-SW-060521		11:50	SW	7	X	X	X	X	X	X	X	X	

9

10

Comments/Special Instructions
~Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
~Anions: Chloride, sulfate and nitrate
~DOC and dissolved metals field filtered (FF) at 0.45 micron.
~If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
~Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Pamela Osterhout	Jake Courtney		YARED LISANEWORK
Company:	FS	MBS		YA YA SAFETY
Date & Time:	6/7/21 @ 1230	6/7/21 @ 1230	6/7/21 @ 1345	6/7/21 1:45

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Dropped 6/7/21 @ 5:45PM

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Received Jacob Lalte 06/07/2021 1745

WORK ORDER

21F0123

Client: Floyd - Snider **Project Manager:** Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation **Project Number:** RT-Holden

Preservation Confirmation

Container ID	Container Type	pH	
21F0123-01 A	Large OJ, 1000 mL		
21F0123-01 B	Large OJ, 1000 mL		
21F0123-01 C	Large OJ, 1000 mL		
21F0123-01 D	Large OJ, 1000 mL		
21F0123-01 E	Small OJ, 500 mL		
21F0123-01 F	Small OJ, 500 mL		
21F0123-01 G	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0123-01 H	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-01 I	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-01 J	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-01 K	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-01 L	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-02 A	Large OJ, 1000 mL		
21F0123-02 B	Large OJ, 1000 mL		
21F0123-02 C	Small OJ, 500 mL		
21F0123-02 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-02 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-02 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-03 A	Large OJ, 1000 mL		
21F0123-03 B	Large OJ, 1000 mL		
21F0123-03 C	Small OJ, 500 mL		
21F0123-03 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-03 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-03 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-04 A	Large OJ, 1000 mL		
21F0123-04 B	Large OJ, 1000 mL		
21F0123-04 C	Small OJ, 500 mL		
21F0123-04 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-04 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-04 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-05 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0123-06 A	Large OJ, 1000 mL		
21F0123-06 B	Large OJ, 1000 mL		
21F0123-06 C	Small OJ, 500 mL		
21F0123-06 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P

Reviewed By Date

WORK ORDER

21F0123

Client: Floyd - Snider		**Project Manager:** Kelly Bottem	
Project: Rio Tinto Holden Mine Reclamation/Remediation		**Project Number:** RT-Holden	
21F0123-06 E	Glass NM, Amber, 250 mL, 9N H2SO4	2	Pass(P)
21F0123-06 F	HDPE NM, 500 mL, 1:1 HNO3	2	P
21F0123-07 A	Large OJ, 1000 mL		
21F0123-07 B	Large OJ, 1000 mL		
21F0123-07 C	Small OJ, 500 mL		
21F0123-07 D	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-07 E	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-07 F	HDPE NM, 500 mL, 1:1 HNO3	2	P
21F0123-08 A	Large OJ, 1000 mL		
21F0123-08 B	Large OJ, 1000 mL		
21F0123-08 C	Small OJ, 500 mL		
21F0123-08 D	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-08 E	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-08 F	HDPE NM, 500 mL, 1:1 HNO3	2	P
21F0123-09 A	Large OJ, 1000 mL		
21F0123-09 B	Large OJ, 1000 mL		
21F0123-09 C	Small OJ, 500 mL		
21F0123-09 D	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-09 E	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-09 F	HDPE NM, 500 mL, 1:1 HNO3	2	P
21F0123-10 A	Large OJ, 1000 mL		
21F0123-10 B	Large OJ, 1000 mL		
21F0123-10 C	Small OJ, 500 mL		
21F0123-10 D	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-10 E	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-10 F	HDPE NM, 500 mL, 1:1 HNO3	2	P
21F0123-11 A	Large OJ, 1000 mL		
21F0123-11 B	Large OJ, 1000 mL		
21F0123-11 C	Small OJ, 500 mL		
21F0123-11 D	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-11 E	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-11 F	HDPE NM, 500 mL, 1:1 HNO3	2	P
21F0123-12 A	Large OJ, 1000 mL		
21F0123-12 B	Large OJ, 1000 mL		
21F0123-12 C	Small OJ, 500 mL		
21F0123-12 D	Glass NM, Amber, 250 mL, 9N H2SO4	2	P
21F0123-12 E	Glass NM, Amber, 250 mL, 9N H2SO4	2	P

Reviewed By

Date

WORK ORDER

21F0123

Client: Floyd - Snider | Project Manager: Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | Project Number: RT-Holden

21F0123-12 F	HDPE NM, 500 mL, 1:1 HNO3	<2	Pass(P)
21F0123-13 A	Large OJ, 1000 mL		
21F0123-13 B	Large OJ, 1000 mL		
21F0123-13 C	Small OJ, 500 mL		
21F0123-13 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-13 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-13 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-14 A	Large OJ, 1000 mL		
21F0123-14 B	Large OJ, 1000 mL		
21F0123-14 C	Small OJ, 500 mL		
21F0123-14 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-14 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-14 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-15 A	Large OJ, 1000 mL		
21F0123-15 B	Large OJ, 1000 mL		
21F0123-15 C	Small OJ, 500 mL		
21F0123-15 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-15 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-15 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-16 A	Large OJ, 1000 mL		
21F0123-16 B	Large OJ, 1000 mL		
21F0123-16 C	Small OJ, 500 mL		
21F0123-16 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-16 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-16 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-17 A	Large OJ, 1000 mL		
21F0123-17 B	Large OJ, 1000 mL		
21F0123-17 C	Small OJ, 500 mL		
21F0123-17 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-17 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-17 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-18 A	Large OJ, 1000 mL		
21F0123-18 B	Large OJ, 1000 mL		
21F0123-18 C	Large OJ, 1000 mL		
21F0123-18 D	Large OJ, 1000 mL		
21F0123-18 E	Small OJ, 500 mL		
21F0123-18 F	Small OJ, 500 mL		

Reviewed By

Date

WORK ORDER

21F0123

Client: Floyd - Snider | **Project Manager:** Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | **Project Number:** RT-Holden

21F0123-18 G	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0123-18 H	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-18 I	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-18 J	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-18 K	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-18 L	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-19 A	Large OJ, 1000 mL		
21F0123-19 B	Large OJ, 1000 mL		
21F0123-19 C	Small OJ, 500 mL		
21F0123-19 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-19 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-19 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-20 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0123-21 A	Large OJ, 1000 mL		
21F0123-21 B	Large OJ, 1000 mL		
21F0123-21 C	Small OJ, 500 mL		
21F0123-21 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-21 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-21 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-22 A	Large OJ, 1000 mL		
21F0123-22 B	Large OJ, 1000 mL		
21F0123-22 C	Small OJ, 500 mL		
21F0123-22 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-22 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-22 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-23 A	Large OJ, 1000 mL		
21F0123-23 B	Large OJ, 1000 mL		
21F0123-23 C	Small OJ, 500 mL		
21F0123-23 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-23 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-23 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-24 A	Large OJ, 1000 mL		
21F0123-24 B	Large OJ, 1000 mL		
21F0123-24 C	Small OJ, 500 mL		
21F0123-24 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-24 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-24 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P

Reviewed By _____ Date _____

WORK ORDER

21F0123

Client: Floyd - Snider | **Project Manager:** Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | **Project Number:** RT-Holden

21F0123-25 A	Large OJ, 1000 mL		
21F0123-25 B	Large OJ, 1000 mL		
21F0123-25 C	Small OJ, 500 mL		
21F0123-25 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0123-25 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-25 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-26 A	Large OJ, 1000 mL		
21F0123-26 B	Large OJ, 1000 mL		
21F0123-26 C	Small OJ, 500 mL		
21F0123-26 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-26 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-26 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-27 A	Large OJ, 1000 mL		
21F0123-27 B	Large OJ, 1000 mL		
21F0123-27 C	Small OJ, 500 mL		
21F0123-27 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-27 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-27 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-28 A	Large OJ, 1000 mL		
21F0123-28 B	Large OJ, 1000 mL		
21F0123-28 C	Small OJ, 500 mL		
21F0123-28 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-28 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-28 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-29 A	Large OJ, 1000 mL		
21F0123-29 B	Large OJ, 1000 mL		
21F0123-29 C	Small OJ, 500 mL		
21F0123-29 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-29 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-29 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-30 A	Large OJ, 1000 mL		
21F0123-30 B	Large OJ, 1000 mL		
21F0123-30 C	Small OJ, 500 mL		
21F0123-30 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-30 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-30 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-31 A	Large OJ, 1000 mL		

Reviewed By _____ Date _____

WORK ORDER

21F0123

Client: Floyd - Snider | **Project Manager:** Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | **Project Number:** RT-Holden

21F0123-31 B	Large OJ, 1000 mL		
21F0123-31 C	Small OJ, 500 mL		
21F0123-31 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0123-31 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-31 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-32 A	Large OJ, 1000 mL		
21F0123-32 B	Large OJ, 1000 mL		
21F0123-32 C	Small OJ, 500 mL		
21F0123-32 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-32 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-32 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-33 A	Large OJ, 1000 mL		
21F0123-33 B	Large OJ, 1000 mL		
21F0123-33 C	Small OJ, 500 mL		
21F0123-33 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-33 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-33 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-34 A	Large OJ, 1000 mL		
21F0123-34 B	Large OJ, 1000 mL		
21F0123-34 C	Small OJ, 500 mL		
21F0123-34 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-34 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-34 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-35 A	Large OJ, 1000 mL		
21F0123-35 B	Large OJ, 1000 mL		
21F0123-35 C	Small OJ, 500 mL		
21F0123-35 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-35 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-35 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-36 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0123-37 A	Large OJ, 1000 mL		
21F0123-37 B	Large OJ, 1000 mL		
21F0123-37 C	Small OJ, 500 mL		
21F0123-37 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-37 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-37 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-38 A	Large OJ, 1000 mL		

Reviewed By

Date

WORK ORDER

21F0123

Client: Floyd - Snider | **Project Manager:** Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | **Project Number:** RT-Holden

21F0123-38 B	Large OJ, 1000 mL		
21F0123-38 C	Small OJ, 500 mL		
21F0123-38 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0123-38 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-38 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-39 A	Large OJ, 1000 mL		
21F0123-39 B	Large OJ, 1000 mL		
21F0123-39 C	Small OJ, 500 mL		
21F0123-39 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-39 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-39 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-40 A	Large OJ, 1000 mL		
21F0123-40 B	Large OJ, 1000 mL		
21F0123-40 C	Small OJ, 500 mL		
21F0123-40 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-40 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0123-40 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0123-41 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0123-42 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P

JSW/SL
Preservation Confirmed By

6/8/2021
Date

Reviewed By

Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Floyd Snider

Project Name: Holden Mine waters

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 216123

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	(YES)	NO
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1745 — 3.3 2.4 1.8 2.8 1.7 0.1 0.7 1.2 5.0 4.1

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00 5206

Cooler Accepted by: JG Date: 06/07/2021 Time: 1745

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JG Date: 06/08/2021 Time: 0905 Labels checked by: JG

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden	**Reported:**
Seattle, WA 98101-2341	Project Manager:	Amanda McKay	07/22/2021 15:36

ANALYTICAL REPORT FOR SAMPLES

Laboratory ID	Sample ID	Matrix	Date Sampled	Date Received
21F0123-01	NRC-3SR-GW-060321	Water	06/03/21 14:20	06/07/21 17:45
21F0123-02	NRC-3IR-GW-060321	Water	06/03/21 15:37	06/07/21 17:45
21F0123-03	NRC-3DR-GW-060321	Water	06/03/21 14:17	06/07/21 17:45
21F0123-04	NRC-103DR-GW-060321	Water	06/03/21 14:21	06/07/21 17:45
21F0123-05	NRC-103DR-GW-060321	Water	06/03/21 14:21	06/07/21 17:45
21F0123-06	NRC-103SR-GW-060321	Water	06/03/21 14:30	06/07/21 17:45
21F0123-07	MW-01-GW-060321	Water	06/03/21 16:59	06/07/21 17:45
21F0123-08	MW-2-GW-060321	Water	06/03/21 17:05	06/07/21 17:45
21F0123-09	DS-16I-GW-060421	Water	06/04/21 13:17	06/07/21 17:45
21F0123-10	DS-16D-GW-060421	Water	06/04/21 12:55	06/07/21 17:45
21F0123-11	DS-16S-GW-060421	Water	06/04/21 12:17	06/07/21 17:45
21F0123-12	DS-15S-GW-060421	Water	06/04/21 11:30	06/07/21 17:45
21F0123-13	DS-15I-GW-060421	Water	06/04/21 11:17	06/07/21 17:45
21F0123-14	DS-18S-GW-060421	Water	06/04/21 13:50	06/07/21 17:45
21F0123-15	DS-18I-GW-060421	Water	06/04/21 13:55	06/07/21 17:45
21F0123-16	DS-18D-GW-060421	Water	06/04/21 15:20	06/07/21 17:45
21F0123-17	DS-17S-GW-060421	Water	06/04/21 12:05	06/07/21 17:45
21F0123-18	DS-17I-GW-060421	Water	06/04/21 11:55	06/07/21 17:45
21F0123-19	FieldBlank-1-GW-060421	Water	06/04/21 16:10	06/07/21 17:45
21F0123-20	FieldBlank-1-GW-060421	Water	06/04/21 16:10	06/07/21 17:45
21F0123-21	MW-3-GW-060421	Water	06/04/21 15:25	06/07/21 17:45
21F0123-22	SG-7R-WP-060421	Water	06/04/21 17:16	06/07/21 17:45
21F0123-23	DS-12S-GW-060421	Water	06/04/21 16:07	06/07/21 17:45
21F0123-24	DS-12I-GW-060421	Water	06/04/21 17:05	06/07/21 17:45
21F0123-25	DS-12D-GW-060421	Water	06/04/21 16:29	06/07/21 17:45
21F0123-26	DS-13S-GW-060421	Water	06/04/21 14:46	06/07/21 17:45
21F0123-27	DS-13I-GW-060421	Water	06/04/21 14:55	06/07/21 17:45
21F0123-28	DS-13D-GW-060421	Water	06/04/21 15:39	06/07/21 17:45
21F0123-29	HBKG-2-GW-060421	Water	06/04/21 14:25	06/07/21 17:45
21F0123-30	US-1S-GW-060421	Water	06/04/21 12:55	06/07/21 17:45
21F0123-31	US-1I-GW-060421	Water	06/04/21 13:54	06/07/21 17:45
21F0123-32	US-1D-GW-060421	Water	06/04/21 13:00	06/07/21 17:45
21F0123-33	TP2-12D-GW-060521	Water	06/05/21 10:45	06/07/21 17:45
21F0123-34	TP2-12S-GW-060521	Water	06/05/21 09:30	06/07/21 17:45
21F0123-35	RC-6-SW-060521	Water	06/05/21 08:20	06/07/21 17:45
21F0123-36	RC-6-SW-060521	Water	06/05/21 08:20	06/07/21 17:45
21F0123-37	RC-6-PW-6-060521	Water	06/05/21 09:10	06/07/21 17:45
21F0123-38	RC-6-PW-12-060521	Water	06/05/21 10:18	06/07/21 17:45
21F0123-39	RC-6-WP-36-060521	Water	06/05/21 11:05	06/07/21 17:45
21F0123-40	RC-1-SW-060521	Water	06/05/21 11:50	06/07/21 17:45
21F0123-41	RC-1-SW-060521	Water	06/05/21 11:50	06/07/21 17:45
21F0123-42	NRC-3DR-GW-060321	Water	06/03/21 14:17	06/07/21 17:45

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	22-Jul-2021 15:36

Case Narrative

Total and Dissolved Metals - EPA Method 6020B

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits with the exception of analytes flagged on the associated forms.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times with the exception of nitrate which was sent to the lab outside of the holding time. All associated samples have been flagged with an "H" qualifer.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The reference material (SRM) percent recoveries were within control limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits with the exception of the analytes flagged on the associated forms. The sulfate matrix spikes were reported with failing braket CCVs per the ARI project manager. Only matrix spikes were reported against the failed QC.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	22-Jul-2021 15:36

Case Narrative

QUALIFIERS AND NOTES

Qualifier	Definition
Y1	Raised reporting limit due to interference
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
J	Estimated concentration value detected below the reporting limit.
HC	The natural concentration of the spiked analyte is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible
H	Hold time violation - Hold time was exceeded.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL)
D	The reported value is from a dilution
B	This analyte was detected in the method blank.
*	Flagged value is not within established control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 17:52
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	31.4	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:22
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	152	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 21:08
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	210	10	0.295	1.41	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 21:13
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	206	10	0.295	1.41	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 22:19
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	32.5	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 21:27
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	13.4	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 21:30
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	14.8	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 23:00
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	26.9	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:35
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	160	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

DS-16S-GW-060421

Total Metals

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 18:28
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	282	10	0.369	2.07	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

DS-15S-GW-060421

Total Metals

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:25
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	322	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:38
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	132	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 18:31
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	262	10	0.369	2.07	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 18:35
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	269	10	0.369	2.07	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:28
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	179	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 20:20
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	297	10	0.369	2.07	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 18:45
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	360	10	0.369	2.07	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	06/28/21 18:12
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	<0.207	1	0.0369	0.207	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/24/21 13:55	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 21:05
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	38.9	2	0.0737	0.414	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 23:03
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	18.4	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

DS-12S-GW-060421

Total Metals

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 20:24
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	245	50	1.43	6.65	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:32
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	161	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

DS-12D-GW-060421

Total Metals

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:42
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	123	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 18:38
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	148	10	0.369	2.07	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 18:41
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	136	10	0.369	2.07	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:45
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	148	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 23:07
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	55.1	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 23:10
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	42.2	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 23:13
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	50.2	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 19:50
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	90.5	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 23:17
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	47.5	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 20:27
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	221	5	0.184	1.04	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

RC-6-SW-060521

Total Metals

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 23:21
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	9.39	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

RC-6-PW-6-060521

Total Metals

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 22:22
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	9.82	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

RC-6-PW-12-060521

Total Metals

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 22:25
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	9.55	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

RC-6-WP-36-060521

Total Metals

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 22:28
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	10.0	1	0.0369	0.207	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
[CALC]

Total Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/24/21 13:46	File ID:	
% Solids:	0.00	Preparation:	[CALC]	Analyzed:	07/15/21 22:32
Batch:	[CALC]	Sequence:		Initial/Final:	1 / 1
Instrument:	[CALC]			Calibration:	

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Hardness	10.2	1	0.0369	0.207	

HOLDING TIME SUMMARY

Analysis: [CALC]

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 17:52			
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 19:22			
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 21:08			
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 21:13			
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 22:19			
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 21:27			
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 21:30			
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 23:00			
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 19:35			
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 18:28			
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 19:25			
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 19:38			
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 18:31			
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 18:35			
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/24/21 13:55	19	180	07/15/21 19:28			
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 20:20			
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 18:45			
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/24/21 13:55	19	180	06/28/21 18:12			
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/24/21 13:55	19	180	07/15/21 21:05			
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:03			
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 20:24			
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 19:32			

HOLDING TIME SUMMARY

Analysis: [CALC]

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 19:42			
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 18:38			
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 18:41			
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 19:45			
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:07			
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 23:10			
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:13			
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 19:50			
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:17			
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 20:27			
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:21			
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 22:22			
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 22:25			
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 22:28			
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 22:32			

* Indicates hold time exceedance.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 L	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-166
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:43
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3.82	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	1.47	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 L	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-104
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/28/21 23:11
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	9960	1	11.1	50.0	
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	619	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 L	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-046
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 17:52
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	1580	1	2.22	20.0	
7440-23-5	Sodium	1330	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 F	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-162
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:24
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3920	1	2.92	20.0	
7439-92-1	Lead	0.130	1	0.0513	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 F	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-155
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:16
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	47600	5	55.5	250	D
7439-89-6	Iron	10900	5	91.0	180	D
7440-09-7	Potassium	6930	5	54.5	100	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 F	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-065
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:22
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	8020	5	11.1	100	D
7439-96-5	Manganese	545	5	0.710	2.50	D
7440-23-5	Sodium	3770	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 F	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-163
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:29
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	50.8	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	27.5	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 F	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-090
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 21:08
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	69.9	2	36.4	72.0	J, D
7439-95-4	Magnesium	10500	2	4.44	40.0	D
7440-09-7	Potassium	4000	2	21.8	40.0	D
7440-23-5	Sodium	4740	2	32.8	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03RE1 F	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-077
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 20:13
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	66700	10	111	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 F	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-164
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:33
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	66.6	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	27.0	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 F	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-091
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 21:13
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	83.7	2	36.4	72.0	D
7439-95-4	Magnesium	10400	2	4.44	40.0	D
7440-09-7	Potassium	3930	2	21.8	40.0	D
7440-23-5	Sodium	4730	2	32.8	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04RE1 F	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-078
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 20:17
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	65300	10	111	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-05 A	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/21/21 10:32	File ID:	XDT_m1210623-170
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 06:15
Batch:	BJF0556	Sequence:	SJF0318	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00068

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron, Dissolved	<36.0	1	18.2	36.0	U
7439-92-1	Lead, Dissolved	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese, Dissolved	38.1	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-05 A	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/21/21 10:32	File ID:	XDT_m1210628-053
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/28/21 18:17
Batch:	BJF0556	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum, Dissolved	6.51	1	2.92	20.0	J
7439-95-4	Magnesium, Dissolved	8040	1	2.22	20.0	
7440-09-7	Potassium, Dissolved	3850	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-05 A	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/21/21 10:32	File ID:	XDT_m1210715-082
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 20:30
Batch:	BJF0556	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium, Dissolved	66300	5	55.5	250	D
7440-23-5	Sodium, Dissolved	4950	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 F	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-165
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:38
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3.97	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	1.48	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 F	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-106
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 22:19
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	10400	1	11.1	50.0	
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7439-95-4	Magnesium	1570	1	2.22	20.0	
7440-09-7	Potassium	619	1	10.9	20.0	
7440-23-5	Sodium	1320	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 F	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-173
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:24
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	40.6	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	0.693	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 F	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-094
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 21:27
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	4550	1	11.1	50.0	
7439-89-6	Iron	19.5	1	18.2	36.0	J
7439-95-4	Magnesium	488	1	2.22	20.0	
7440-09-7	Potassium	414	1	10.9	20.0	
7440-23-5	Sodium	851	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 F	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-174
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:29
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	11.6	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	1.84	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 F	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-095
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 21:30
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	5060	1	11.1	50.0	
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7439-95-4	Magnesium	516	1	2.22	20.0	
7440-09-7	Potassium	436	1	10.9	20.0	
7440-23-5	Sodium	849	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 F	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-175
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:33
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	8.82	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	7.18	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 F	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-139
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:00
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	8110	1	11.1	50.0	
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	715	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 F	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-116
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 23:00
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	1620	1	2.22	20.0	
7440-23-5	Sodium	1240	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-176
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:38
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	27.7	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	59.5	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-140
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:04
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	32.9	1	18.2	36.0	J
7440-09-7	Potassium	1870	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-069
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:35
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	51800	5	55.5	250	D
7439-95-4	Magnesium	7540	5	11.1	100	D
7440-23-5	Sodium	5640	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 F	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-177
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:42
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	103	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 F	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-142
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:13
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	86400	10	111	500	D
7439-89-6	Iron	4960	10	182	360	D
7440-09-7	Potassium	3090	10	109	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 F	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-053
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 18:28
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	16000	10	22.2	200	D
7439-96-5	Manganese	1020	10	1.42	5.00	D
7440-23-5	Sodium	5730	10	164	1000	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 F	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-178
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:47
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	13.7	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 F	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-156
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:20
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	105000	5	55.5	250	D
7439-89-6	Iron	30700	5	91.0	180	D
7440-09-7	Potassium	15500	5	54.5	100	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 F	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-066
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:25
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	14300	5	11.1	100	D
7439-96-5	Manganese	555	5	0.710	2.50	D
7440-23-5	Sodium	5000	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 F	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-179
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:52
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	5.90	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	1.90	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 F	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-141
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:08
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	2050	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 F	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-070
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:38
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	44200	5	55.5	250	D
7439-95-4	Magnesium	5320	5	11.1	100	D
7440-23-5	Sodium	3530	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 F	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-180
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:57
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	1470	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 F	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-143
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:17
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	77800	10	111	500	D
7439-89-6	Iron	14000	10	182	360	D
7440-09-7	Potassium	1900	10	109	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 F	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-054
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 18:31
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	16600	10	22.2	200	D
7439-96-5	Manganese	1160	10	1.42	5.00	D
7440-23-5	Sodium	5810	10	164	1000	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 F	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-181
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 06:03
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	9060	1	2.92	20.0	
7439-92-1	Lead	0.138	1	0.0513	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 F	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-159
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:33
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	83100	10	111	500	D
7439-89-6	Iron	51000	10	182	360	D
7440-09-7	Potassium	6800	10	109	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 F	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-055
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 18:35
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	15000	10	22.2	200	D
7439-96-5	Manganese	1230	10	1.42	5.00	D
7440-23-5	Sodium	5200	10	164	1000	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 F	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-185
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 06:28
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	6.01	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 F	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-157
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:24
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	55700	5	55.5	250	D
7439-89-6	Iron	<180	5	91.0	180	U
7440-09-7	Potassium	4810	5	54.5	100	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 F	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-067
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:28
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	9740	5	11.1	100	D
7439-96-5	Manganese	1010	5	0.710	2.50	D
7440-23-5	Sodium	5620	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 F	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-186
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 06:33
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	12900	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 F	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-079
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 20:20
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	88500	10	111	500	D
7439-89-6	Iron	88300	10	182	360	D
7439-95-4	Magnesium	18500	10	22.2	200	D
7439-96-5	Manganese	1460	10	1.42	5.00	D
7440-09-7	Potassium	5660	10	109	200	D
7440-23-5	Sodium	6550	10	164	1000	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 L	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-130
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 01:33
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	6340	1	2.92	20.0	
7439-92-1	Lead	0.293	1	0.0513	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 L	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-144
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:20
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	109000	10	111	500	D
7439-89-6	Iron	82900	10	182	360	D
7440-09-7	Potassium	9260	10	109	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 L	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-058
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 18:45
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	21500	10	22.2	200	D
7439-96-5	Manganese	1190	10	1.42	5.00	D
7440-23-5	Sodium	6590	10	164	1000	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 F	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-137
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:14
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3.18	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	0.444	1	0.142	0.500	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 F	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-052
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/28/21 18:12
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	<50.0	1	11.1	50.0	U
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7439-95-4	Magnesium	<20.0	1	2.22	20.0	U
7440-09-7	Potassium	<20.0	1	10.9	20.0	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 F	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-045
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 17:49
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-23-5	Sodium	<100	1	16.4	100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-20 A	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/21/21 10:32	File ID:	XDT_m1210624-106
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 23:23
Batch:	BJF0556	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum, Dissolved	<20.0	1	2.92	20.0	U
7439-92-1	Lead, Dissolved	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese, Dissolved	0.209	1	0.142	0.500	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-20 A	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/21/21 10:32	File ID:	XDT_m1210715-096
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 21:34
Batch:	BJF0556	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium, Dissolved	<50.0	1	11.1	50.0	U
7439-89-6	Iron, Dissolved	<36.0	1	18.2	36.0	U
7439-95-4	Magnesium, Dissolved	<20.0	1	2.22	20.0	U
7440-09-7	Potassium, Dissolved	<20.0	1	10.9	20.0	U
7440-23-5	Sodium, Dissolved	<100	1	16.4	100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 F	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-187
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 06:38
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	26.7	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	2.35	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 F	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-152
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:01
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	12900	2	22.2	100	D
7439-89-6	Iron	<72.0	2	36.4	72.0	U
7440-09-7	Potassium	1360	2	21.8	40.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 F	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/24/21 13:55	File ID:	XDT_m1210715-089
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 21:05
Batch:	BJF0655	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	1610	2	4.44	40.0	D
7440-23-5	Sodium	1980	2	32.8	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 F	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-138
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:18
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	46.8	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	0.693	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 F	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-111
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/28/21 23:53
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	6130	1	11.1	50.0	
7439-89-6	Iron	23.0	1	18.2	36.0	J
7440-09-7	Potassium	523	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 F	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-117
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 23:03
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	745	1	2.22	20.0	
7440-23-5	Sodium	937	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 F	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-139
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:23
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	1730	1	2.92	20.0	
7439-92-1	Lead	0.0560	1	0.0513	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 F	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-153
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:05
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	<72.0	2	36.4	72.0	U
7440-09-7	Potassium	5660	2	21.8	40.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 F	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/24/21 13:46	File ID:	XDT_m1210629-097
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/30/21 02:19
Batch:	BJF0654	Sequence:	SJF0402	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00082

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-96-5	Manganese	5850	50	7.10	25.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 F	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-080
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 20:24
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	10600	5	11.1	100	D
7440-23-5	Sodium	4300	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23RE1 F	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-166
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 14:06
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	80500	50	555	2500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 F	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-140
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:27
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	73.7	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 F	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-158
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:29
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	51800	5	55.5	250	D
7439-89-6	Iron	<180	5	91.0	180	U
7440-09-7	Potassium	4120	5	54.5	100	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 F	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-068
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:32
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	7780	5	11.1	100	D
7439-96-5	Manganese	795	5	0.710	2.50	D
7440-23-5	Sodium	3310	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 F	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-141
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:32
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3.33	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	40.2	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 F	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-112
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/28/21 23:58
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	2670	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 F	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-071
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:42
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	39800	5	55.5	250	D
7439-95-4	Magnesium	5820	5	11.1	100	D
7440-23-5	Sodium	2650	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 F	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-142
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:36
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	2840	1	2.92	20.0	
7439-92-1	Lead	0.0800	1	0.0513	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 F	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-164
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:58
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	47700	10	111	500	D
7439-89-6	Iron	6780	10	182	360	D
7440-09-7	Potassium	6580	10	109	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 F	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-056
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 18:38
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	7110	10	22.2	200	D
7439-96-5	Manganese	1750	10	1.42	5.00	D
7440-23-5	Sodium	3380	10	164	1000	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 F	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-143
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:41
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	1160	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 F	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-165
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 14:02
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	43800	10	111	500	D
7439-89-6	Iron	<360	10	182	360	U
7440-09-7	Potassium	3620	10	109	200	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 F	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-057
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 18:41
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	6370	10	22.2	200	D
7439-96-5	Manganese	1060	10	1.42	5.00	D
7440-23-5	Sodium	3140	10	164	1000	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 F	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-144
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:46
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3.21	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	1.09	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 F	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-113
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 00:03
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	2020	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 F	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-072
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:45
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	46300	5	55.5	250	D
7439-95-4	Magnesium	7790	5	11.1	100	D
7440-23-5	Sodium	2890	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 F	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-145
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:52
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3.35	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	2.24	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 F	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-114
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 00:08
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	18800	1	11.1	50.0	
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	759	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 F	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-118
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 23:07
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	2020	1	2.22	20.0	
7440-23-5	Sodium	1960	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-149
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:17
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	5.27	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	0.204	1	0.142	0.500	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-115
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 00:12
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	14300	1	11.1	50.0	
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	616	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-119
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 23:10
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	1570	1	2.22	20.0	
7440-23-5	Sodium	1400	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 F	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-150
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:21
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3.24	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	0.216	1	0.142	0.500	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 F	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-116
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 00:17
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	17100	1	11.1	50.0	
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	675	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 F	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-120
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 23:13
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	1820	1	2.22	20.0	
7440-23-5	Sodium	1490	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 F	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-151
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:26
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	3.10	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	2.02	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 F	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-117
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 00:22
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	<36.0	1	18.2	36.0	U
7440-09-7	Potassium	1310	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 F	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-073
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 19:50
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	31400	5	55.5	250	D
7439-95-4	Magnesium	2910	5	11.1	100	D
7440-23-5	Sodium	4540	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 F	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-152
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:30
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	737	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	49.3	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 F	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-118
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 00:28
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	16400	1	11.1	50.0	
7439-89-6	Iron	25.5	1	18.2	36.0	J
7440-09-7	Potassium	2780	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 F	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-121
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 23:17
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	1610	1	2.22	20.0	
7440-23-5	Sodium	1460	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 F	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-153
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:35
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	10.5	1	2.92	20.0	J
7439-92-1	Lead	<0.100	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 F	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-151
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:57
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron	9360	2	36.4	72.0	D
7440-09-7	Potassium	10400	2	21.8	40.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 F	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-081
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 20:27
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	81000	5	55.5	250	D
7439-95-4	Magnesium	4570	5	11.1	100	D
7439-96-5	Manganese	305	5	0.710	2.50	D
7440-23-5	Sodium	2730	5	82.0	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 F	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-154
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:40
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	207	1	2.92	20.0	
7439-92-1	Lead	0.238	1	0.0513	0.100	
7439-96-5	Manganese	6.13	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 F	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-119
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 00:34
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	3120	1	11.1	50.0	
7439-89-6	Iron	263	1	18.2	36.0	
7440-09-7	Potassium	358	1	10.9	20.0	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 F	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-122
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 23:21
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-95-4	Magnesium	389	1	2.22	20.0	
7440-23-5	Sodium	555	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-36 A	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/21/21 10:32	File ID:	XDT_m1210624-107
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 23:28
Batch:	BJF0556	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum, Dissolved	17.6	1	2.92	20.0	J
7439-92-1	Lead, Dissolved	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese, Dissolved	1.22	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-36 A	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/21/21 10:32	File ID:	XDT_m1210715-097
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 21:37
Batch:	BJF0556	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium, Dissolved	3330	1	11.1	50.0	
7439-89-6	Iron, Dissolved	<36.0	1	18.2	36.0	U
7439-95-4	Magnesium, Dissolved	307	1	2.22	20.0	
7440-09-7	Potassium, Dissolved	296	1	10.9	20.0	
7440-23-5	Sodium, Dissolved	531	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 F	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-155
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:44
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	21.0	1	2.92	20.0	
7439-92-1	Lead	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese	0.528	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 F	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-107
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 22:22
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	3400	1	11.1	50.0	
7439-89-6	Iron	31.1	1	18.2	36.0	J
7439-95-4	Magnesium	322	1	2.22	20.0	
7440-09-7	Potassium	325	1	10.9	20.0	
7440-23-5	Sodium	528	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 F	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-156
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:49
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	135	1	2.92	20.0	
7439-92-1	Lead	0.170	1	0.0513	0.100	
7439-96-5	Manganese	4.53	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 F	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-108
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 22:25
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	3240	1	11.1	50.0	
7439-89-6	Iron	206	1	18.2	36.0	
7439-95-4	Magnesium	353	1	2.22	20.0	
7440-09-7	Potassium	328	1	10.9	20.0	
7440-23-5	Sodium	520	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 F	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-157
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:55
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	130	1	2.92	20.0	
7439-92-1	Lead	0.145	1	0.0513	0.100	
7439-96-5	Manganese	3.87	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 F	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-109
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 22:28
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	3410	1	11.1	50.0	
7439-89-6	Iron	189	1	18.2	36.0	
7439-95-4	Magnesium	367	1	2.22	20.0	
7440-09-7	Potassium	337	1	10.9	20.0	
7440-23-5	Sodium	539	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 F	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-161
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:20
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum	204	1	2.92	20.0	
7439-92-1	Lead	0.247	1	0.0513	0.100	
7439-96-5	Manganese	6.59	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Total Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 F	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-110
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 22:32
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium	3440	1	11.1	50.0	
7439-89-6	Iron	295	1	18.2	36.0	
7439-95-4	Magnesium	391	1	2.22	20.0	
7440-09-7	Potassium	351	1	10.9	20.0	
7440-23-5	Sodium	564	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-41 A	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/21/21 10:32	File ID:	XDT_m1210624-108
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 23:33
Batch:	BJF0556	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum, Dissolved	18.9	1	2.92	20.0	J
7439-92-1	Lead, Dissolved	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese, Dissolved	1.38	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-41 A	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/21/21 10:32	File ID:	XDT_m1210715-111
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 22:36
Batch:	BJF0556	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium, Dissolved	3160	1	11.1	50.0	
7439-89-6	Iron, Dissolved	21.5	1	18.2	36.0	J
7439-95-4	Magnesium, Dissolved	296	1	2.22	20.0	
7440-09-7	Potassium, Dissolved	290	1	10.9	20.0	
7440-23-5	Sodium, Dissolved	518	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-42 A	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/21/21 10:32	File ID:	XDT_m1210624-109
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 23:39
Batch:	BJF0556	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum, Dissolved	7.10	1	2.92	20.0	J
7439-92-1	Lead, Dissolved	<0.100	1	0.0513	0.100	U
7439-96-5	Manganese, Dissolved	19.5	1	0.142	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-42 A	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/21/21 10:32	File ID:	XDT_m1210715-112
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 22:40
Batch:	BJF0556	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron, Dissolved	<36.0	1	18.2	36.0	U
7439-95-4	Magnesium, Dissolved	10100	1	2.22	20.0	
7440-09-7	Potassium, Dissolved	3860	1	10.9	20.0	
7440-23-5	Sodium, Dissolved	4590	1	16.4	100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B

Dissolved Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-42 A	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/21/21 10:32	File ID:	XDT_m1210716-026
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/16/21 15:16
Batch:	BJF0556	Sequence:	SJG0240	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00053

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium, Dissolved	67300	10	111	500	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0556 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-103DR-GW-060321	21F0123-05	XDT_m1210715-082	06/21/21 10:32	std
NRC-103DR-GW-060321	21F0123-05	XDT_m1210628-053	06/21/21 10:32	std
NRC-103DR-GW-060321	21F0123-05	XDT_m1210623-170	06/21/21 10:32	std
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210624-106	06/21/21 10:32	std
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210715-096	06/21/21 10:32	std
RC-6-SW-060521	21F0123-36	XDT_m1210715-097	06/21/21 10:32	std
RC-6-SW-060521	21F0123-36	XDT_m1210624-107	06/21/21 10:32	std
RC-1-SW-060521	21F0123-41	XDT_m1210715-111	06/21/21 10:32	std
RC-1-SW-060521	21F0123-41	XDT_m1210624-108	06/21/21 10:32	std
NRC-3DR-GW-060321	21F0123-42	XDT_m1210716-026	06/21/21 10:32	std
NRC-3DR-GW-060321	21F0123-42	XDT_m1210715-112	06/21/21 10:32	std
NRC-3DR-GW-060321	21F0123-42	XDT_m1210624-109	06/21/21 10:32	std
Blank	BJF0556-BLK1	XDT_m1210623-033	06/21/21 10:32	
Blank	BJF0556-BLK2	XDT_m1210628-038	06/21/21 10:32	Added 6/29/2021 by MCB
LCS	BJF0556-BS1	XDT_m1210623-034	06/21/21 10:32	
LCS	BJF0556-BS2	XDT_m1210628-039	06/21/21 10:32	Added 6/29/2021 by MCB
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	06/21/21 10:32	
NRC-103DR-GW-060321	BJF0556-DUP2	XDT_m1210628-054	06/21/21 10:32	Added 6/29/2021 by MCB
NRC-103DR-GW-060321	BJF0556-DUP3	XDT_m1210715-083	06/21/21 10:32	Added 7/16/2021 by MCB
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	06/21/21 10:32	
NRC-103DR-GW-060321	BJF0556-MS2	XDT_m1210628-055	06/21/21 10:32	Added 6/29/2021 by MCB
NRC-103DR-GW-060321	BJF0556-MS3	XDT_m1210715-084	06/21/21 10:32	Added 7/16/2021 by MCB
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	06/21/21 10:32	
NRC-103DR-GW-060321	BJF0556-MSD2	XDT_m1210628-056	06/21/21 10:32	Added 6/29/2021 by MCB
NRC-103DR-GW-060321	BJF0556-MSD3	XDT_m1210715-085	06/21/21 10:32	Added 7/16/2021 by MCB

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0654 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-17I-GW-060421	21F0123-18	XDT_m1210624-130	06/24/21 13:46	water
DS-17I-GW-060421	21F0123-18	XDT_m1210628-144	06/24/21 13:46	
DS-17I-GW-060421	21F0123-18	XDT_m1210628-144	06/24/21 13:46	water
DS-17I-GW-060421	21F0123-18	XDT_m1210715-058	06/24/21 13:46	
DS-17I-GW-060421	21F0123-18	XDT_m1210715-058	06/24/21 13:46	water
SG-7R-WP-060421	21F0123-22	XDT_m1210628-111	06/24/21 13:46	
SG-7R-WP-060421	21F0123-22	XDT_m1210624-138	06/24/21 13:46	water
SG-7R-WP-060421	21F0123-22	XDT_m1210628-111	06/24/21 13:46	water
SG-7R-WP-060421	21F0123-22	XDT_m1210715-117	06/24/21 13:46	water
SG-7R-WP-060421	21F0123-22	XDT_m1210715-117	06/24/21 13:46	
DS-12S-GW-060421	21F0123-23	XDT_m1210629-097	06/24/21 13:46	water
DS-12S-GW-060421	21F0123-23	XDT_m1210715-080	06/24/21 13:46	
DS-12S-GW-060421	21F0123-23	XDT_m1210628-153	06/24/21 13:46	water
DS-12S-GW-060421	21F0123-23	XDT_m1210624-139	06/24/21 13:46	water
DS-12S-GW-060421	21F0123-23	XDT_m1210715-080	06/24/21 13:46	water
DS-12S-GW-060421	21F0123-23RE1	XDT_m1210628-166	06/24/21 13:46	Added 6/29/2021 by MCB
DS-12I-GW-060421	21F0123-24	XDT_m1210715-068	06/24/21 13:46	water
DS-12I-GW-060421	21F0123-24	XDT_m1210715-068	06/24/21 13:46	
DS-12I-GW-060421	21F0123-24	XDT_m1210628-158	06/24/21 13:46	water
DS-12I-GW-060421	21F0123-24	XDT_m1210628-158	06/24/21 13:46	
DS-12I-GW-060421	21F0123-24	XDT_m1210624-140	06/24/21 13:46	water
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	06/24/21 13:46	water
DS-12D-GW-060421	21F0123-25	XDT_m1210715-071	06/24/21 13:46	
DS-12D-GW-060421	21F0123-25	XDT_m1210715-071	06/24/21 13:46	water
DS-12D-GW-060421	21F0123-25	XDT_m1210628-112	06/24/21 13:46	water
DS-13S-GW-060421	21F0123-26	XDT_m1210715-056	06/24/21 13:46	
DS-13S-GW-060421	21F0123-26	XDT_m1210628-164	06/24/21 13:46	water
DS-13S-GW-060421	21F0123-26	XDT_m1210715-056	06/24/21 13:46	water
DS-13S-GW-060421	21F0123-26	XDT_m1210624-142	06/24/21 13:46	water
DS-13S-GW-060421	21F0123-26	XDT_m1210628-164	06/24/21 13:46	
DS-13I-GW-060421	21F0123-27	XDT_m1210715-057	06/24/21 13:46	
DS-13I-GW-060421	21F0123-27	XDT_m1210628-165	06/24/21 13:46	water
DS-13I-GW-060421	21F0123-27	XDT_m1210628-165	06/24/21 13:46	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0654 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-13I-GW-060421	21F0123-27	XDT_m1210624-143	06/24/21 13:46	water
DS-13I-GW-060421	21F0123-27	XDT_m1210715-057	06/24/21 13:46	water
DS-13D-GW-060421	21F0123-28	XDT_m1210715-072	06/24/21 13:46	water
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	06/24/21 13:46	water
DS-13D-GW-060421	21F0123-28	XDT_m1210628-113	06/24/21 13:46	water
DS-13D-GW-060421	21F0123-28	XDT_m1210715-072	06/24/21 13:46	
HBKG-2-GW-060421	21F0123-29	XDT_m1210628-114	06/24/21 13:46	
HBKG-2-GW-060421	21F0123-29	XDT_m1210628-114	06/24/21 13:46	water
HBKG-2-GW-060421	21F0123-29	XDT_m1210715-118	06/24/21 13:46	
HBKG-2-GW-060421	21F0123-29	XDT_m1210715-118	06/24/21 13:46	water
HBKG-2-GW-060421	21F0123-29	XDT_m1210624-145	06/24/21 13:46	water
US-1S-GW-060421	21F0123-30	XDT_m1210715-119	06/24/21 13:46	water
US-1S-GW-060421	21F0123-30	XDT_m1210715-119	06/24/21 13:46	
US-1S-GW-060421	21F0123-30	XDT_m1210628-115	06/24/21 13:46	water
US-1S-GW-060421	21F0123-30	XDT_m1210628-115	06/24/21 13:46	
US-1S-GW-060421	21F0123-30	XDT_m1210624-149	06/24/21 13:46	water
US-1I-GW-060421	21F0123-31	XDT_m1210628-116	06/24/21 13:46	water
US-1I-GW-060421	21F0123-31	XDT_m1210624-150	06/24/21 13:46	water
US-1I-GW-060421	21F0123-31	XDT_m1210628-116	06/24/21 13:46	
US-1I-GW-060421	21F0123-31	XDT_m1210715-120	06/24/21 13:46	
US-1I-GW-060421	21F0123-31	XDT_m1210715-120	06/24/21 13:46	water
US-1D-GW-060421	21F0123-32	XDT_m1210715-073	06/24/21 13:46	water
US-1D-GW-060421	21F0123-32	XDT_m1210715-073	06/24/21 13:46	
US-1D-GW-060421	21F0123-32	XDT_m1210628-117	06/24/21 13:46	water
US-1D-GW-060421	21F0123-32	XDT_m1210624-151	06/24/21 13:46	water
TP2-12D-GW-060521	21F0123-33	XDT_m1210715-121	06/24/21 13:46	water
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	06/24/21 13:46	water
TP2-12D-GW-060521	21F0123-33	XDT_m1210628-118	06/24/21 13:46	
TP2-12D-GW-060521	21F0123-33	XDT_m1210628-118	06/24/21 13:46	water
TP2-12D-GW-060521	21F0123-33	XDT_m1210715-121	06/24/21 13:46	
TP2-12S-GW-060521	21F0123-34	XDT_m1210715-081	06/24/21 13:46	
TP2-12S-GW-060521	21F0123-34	XDT_m1210715-081	06/24/21 13:46	water
TP2-12S-GW-060521	21F0123-34	XDT_m1210628-151	06/24/21 13:46	water

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0654 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
TP2-12S-GW-060521	21F0123-34	XDT_m1210624-153	06/24/21 13:46	water
RC-6-SW-060521	21F0123-35	XDT_m1210715-122	06/24/21 13:46	water
RC-6-SW-060521	21F0123-35	XDT_m1210715-122	06/24/21 13:46	
RC-6-SW-060521	21F0123-35	XDT_m1210628-119	06/24/21 13:46	water
RC-6-SW-060521	21F0123-35	XDT_m1210628-119	06/24/21 13:46	
RC-6-SW-060521	21F0123-35	XDT_m1210624-154	06/24/21 13:46	water
RC-6-PW-6-060521	21F0123-37	XDT_m1210715-107	06/24/21 13:46	
RC-6-PW-6-060521	21F0123-37	XDT_m1210624-155	06/24/21 13:46	water
RC-6-PW-6-060521	21F0123-37	XDT_m1210715-107	06/24/21 13:46	water
RC-6-PW-12-060521	21F0123-38	XDT_m1210715-108	06/24/21 13:46	water
RC-6-PW-12-060521	21F0123-38	XDT_m1210715-108	06/24/21 13:46	
RC-6-PW-12-060521	21F0123-38	XDT_m1210624-156	06/24/21 13:46	water
RC-6-WP-36-060521	21F0123-39	XDT_m1210624-157	06/24/21 13:46	water
RC-6-WP-36-060521	21F0123-39	XDT_m1210715-109	06/24/21 13:46	
RC-6-WP-36-060521	21F0123-39	XDT_m1210715-109	06/24/21 13:46	water
RC-1-SW-060521	21F0123-40	XDT_m1210715-110	06/24/21 13:46	water
RC-1-SW-060521	21F0123-40	XDT_m1210715-110	06/24/21 13:46	
RC-1-SW-060521	21F0123-40	XDT_m1210624-161	06/24/21 13:46	water
Blank	BJF0654-BLK1	XDT_m1210624-101	06/24/21 13:46	
Blank	BJF0654-BLK2	XDT_m1210628-048	06/24/21 13:46	Added 6/29/2021 by MCB
Blank	BJF0654-BLK3	XDT_m1210715-041	06/24/21 13:46	Added 7/16/2021 by MCB
LCS	BJF0654-BS1	XDT_m1210624-102	06/24/21 13:46	
LCS	BJF0654-BS2	XDT_m1210628-049	06/24/21 13:46	Added 6/29/2021 by MCB
LCS	BJF0654-BS3	XDT_m1210715-042	06/24/21 13:46	Added 7/16/2021 by MCB
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	06/24/21 13:46	
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	06/24/21 13:46	Added 6/29/2021 by MCB
DS-17I-GW-060421	BJF0654-DUP3	XDT_m1210715-059	06/24/21 13:46	Added 7/16/2021 by MCB
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	06/24/21 13:46	
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	06/24/21 13:46	Added 6/29/2021 by MCB
DS-17I-GW-060421	BJF0654-MS3	XDT_m1210715-060	06/24/21 13:46	Added 7/16/2021 by MCB
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	06/24/21 13:46	
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	06/24/21 13:46	Added 6/29/2021 by MCB
DS-17I-GW-060421	BJF0654-MSD3	XDT_m1210715-061	06/24/21 13:46	Added 7/16/2021 by MCB

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0655 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01	XDT_m1210715-046	06/24/21 13:55	
NRC-3SR-GW-060321	21F0123-01	XDT_m1210628-104	06/24/21 13:55	water
NRC-3SR-GW-060321	21F0123-01	XDT_m1210628-104	06/24/21 13:55	
NRC-3SR-GW-060321	21F0123-01	XDT_m1210624-166	06/24/21 13:55	water
NRC-3SR-GW-060321	21F0123-01	XDT_m1210715-046	06/24/21 13:55	water
NRC-3IR-GW-060321	21F0123-02	XDT_m1210628-155	06/24/21 13:55	water
NRC-3IR-GW-060321	21F0123-02	XDT_m1210628-155	06/24/21 13:55	
NRC-3IR-GW-060321	21F0123-02	XDT_m1210715-065	06/24/21 13:55	
NRC-3IR-GW-060321	21F0123-02	XDT_m1210715-065	06/24/21 13:55	water
NRC-3IR-GW-060321	21F0123-02	XDT_m1210624-162	06/24/21 13:55	water
NRC-3DR-GW-060321	21F0123-03	XDT_m1210715-090	06/24/21 13:55	water
NRC-3DR-GW-060321	21F0123-03	XDT_m1210715-090	06/24/21 13:55	
NRC-3DR-GW-060321	21F0123-03	XDT_m1210624-163	06/24/21 13:55	water
NRC-3DR-GW-060321	21F0123-03RE1	XDT_m1210715-077	06/24/21 13:55	Added 7/16/2021 by MCB
NRC-103DR-GW-060321	21F0123-04	XDT_m1210715-091	06/24/21 13:55	water
NRC-103DR-GW-060321	21F0123-04	XDT_m1210715-091	06/24/21 13:55	
NRC-103DR-GW-060321	21F0123-04	XDT_m1210624-164	06/24/21 13:55	water
NRC-103DR-GW-060321	21F0123-04RE1	XDT_m1210715-078	06/24/21 13:55	Added 7/16/2021 by MCB
NRC-103SR-GW-060321	21F0123-06	XDT_m1210715-106	06/24/21 13:55	
NRC-103SR-GW-060321	21F0123-06	XDT_m1210715-106	06/24/21 13:55	water
NRC-103SR-GW-060321	21F0123-06	XDT_m1210624-165	06/24/21 13:55	water
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	06/24/21 13:55	water
MW-01-GW-060321	21F0123-07	XDT_m1210715-094	06/24/21 13:55	
MW-01-GW-060321	21F0123-07	XDT_m1210715-094	06/24/21 13:55	water
MW-2-GW-060321	21F0123-08	XDT_m1210715-095	06/24/21 13:55	water
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	06/24/21 13:55	water
MW-2-GW-060321	21F0123-08	XDT_m1210715-095	06/24/21 13:55	
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	06/24/21 13:55	water
DS-16I-GW-060421	21F0123-09	XDT_m1210628-139	06/24/21 13:55	water
DS-16I-GW-060421	21F0123-09	XDT_m1210715-116	06/24/21 13:55	
DS-16I-GW-060421	21F0123-09	XDT_m1210715-116	06/24/21 13:55	water
DS-16I-GW-060421	21F0123-09	XDT_m1210628-139	06/24/21 13:55	
DS-16D-GW-060421	21F0123-10	XDT_m1210715-069	06/24/21 13:55	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0655 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-16D-GW-060421	21F0123-10	XDT_m1210715-069	06/24/21 13:55	water
DS-16D-GW-060421	21F0123-10	XDT_m1210628-140	06/24/21 13:55	water
DS-16D-GW-060421	21F0123-10	XDT_m1210624-176	06/24/21 13:55	water
DS-16S-GW-060421	21F0123-11	XDT_m1210628-142	06/24/21 13:55	water
DS-16S-GW-060421	21F0123-11	XDT_m1210715-053	06/24/21 13:55	water
DS-16S-GW-060421	21F0123-11	XDT_m1210715-053	06/24/21 13:55	
DS-16S-GW-060421	21F0123-11	XDT_m1210628-142	06/24/21 13:55	
DS-16S-GW-060421	21F0123-11	XDT_m1210624-177	06/24/21 13:55	water
DS-15S-GW-060421	21F0123-12	XDT_m1210715-066	06/24/21 13:55	
DS-15S-GW-060421	21F0123-12	XDT_m1210628-156	06/24/21 13:55	
DS-15S-GW-060421	21F0123-12	XDT_m1210628-156	06/24/21 13:55	water
DS-15S-GW-060421	21F0123-12	XDT_m1210715-066	06/24/21 13:55	water
DS-15S-GW-060421	21F0123-12	XDT_m1210624-178	06/24/21 13:55	water
DS-15I-GW-060421	21F0123-13	XDT_m1210624-179	06/24/21 13:55	water
DS-15I-GW-060421	21F0123-13	XDT_m1210715-070	06/24/21 13:55	water
DS-15I-GW-060421	21F0123-13	XDT_m1210715-070	06/24/21 13:55	
DS-15I-GW-060421	21F0123-13	XDT_m1210628-141	06/24/21 13:55	water
DS-18S-GW-060421	21F0123-14	XDT_m1210628-143	06/24/21 13:55	water
DS-18S-GW-060421	21F0123-14	XDT_m1210715-054	06/24/21 13:55	water
DS-18S-GW-060421	21F0123-14	XDT_m1210715-054	06/24/21 13:55	
DS-18S-GW-060421	21F0123-14	XDT_m1210628-143	06/24/21 13:55	
DS-18S-GW-060421	21F0123-14	XDT_m1210624-180	06/24/21 13:55	water
DS-18I-GW-060421	21F0123-15	XDT_m1210715-055	06/24/21 13:55	water
DS-18I-GW-060421	21F0123-15	XDT_m1210715-055	06/24/21 13:55	
DS-18I-GW-060421	21F0123-15	XDT_m1210628-159	06/24/21 13:55	water
DS-18I-GW-060421	21F0123-15	XDT_m1210628-159	06/24/21 13:55	
DS-18I-GW-060421	21F0123-15	XDT_m1210624-181	06/24/21 13:55	water
DS-18D-GW-060421	21F0123-16	XDT_m1210715-067	06/24/21 13:55	
DS-18D-GW-060421	21F0123-16	XDT_m1210624-185	06/24/21 13:55	water
DS-18D-GW-060421	21F0123-16	XDT_m1210628-157	06/24/21 13:55	water
DS-18D-GW-060421	21F0123-16	XDT_m1210715-067	06/24/21 13:55	water
DS-18D-GW-060421	21F0123-16	XDT_m1210628-157	06/24/21 13:55	
DS-17S-GW-060421	21F0123-17	XDT_m1210715-079	06/24/21 13:55	water

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0655 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-17S-GW-060421	21F0123-17	XDT_m1210715-079	06/24/21 13:55	
DS-17S-GW-060421	21F0123-17	XDT_m1210624-186	06/24/21 13:55	water
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210715-045	06/24/21 13:55	water
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210624-137	06/24/21 13:55	water
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210628-052	06/24/21 13:55	water
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210628-052	06/24/21 13:55	
MW-3-GW-060421	21F0123-21	XDT_m1210715-089	06/24/21 13:55	water
MW-3-GW-060421	21F0123-21	XDT_m1210715-089	06/24/21 13:55	
MW-3-GW-060421	21F0123-21	XDT_m1210628-152	06/24/21 13:55	water
MW-3-GW-060421	21F0123-21	XDT_m1210628-152	06/24/21 13:55	
MW-3-GW-060421	21F0123-21	XDT_m1210624-187	06/24/21 13:55	water
Blank	BJF0655-BLK1	XDT_m1210624-103	06/24/21 13:55	
Blank	BJF0655-BLK2	XDT_m1210625-039	06/24/21 13:55	Added 6/28/2021 by MCB
Blank	BJF0655-BLK3	XDT_m1210628-050	06/24/21 13:55	Added 6/29/2021 by MCB
Blank	BJF0655-BLK4	XDT_m1210715-043	06/24/21 13:55	Added 7/16/2021 by MCB
LCS	BJF0655-BS1	XDT_m1210624-104	06/24/21 13:55	
LCS	BJF0655-BS3	XDT_m1210628-051	06/24/21 13:55	Added 6/29/2021 by MCB
LCS	BJF0655-BS4	XDT_m1210715-044	06/24/21 13:55	Added 7/16/2021 by MCB
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	06/24/21 13:55	
NRC-3SR-GW-060321	BJF0655-DUP2	XDT_m1210628-105	06/24/21 13:55	Added 6/29/2021 by MCB
NRC-3SR-GW-060321	BJF0655-DUP3	XDT_m1210715-047	06/24/21 13:55	Added 7/16/2021 by MCB
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	06/24/21 13:55	
NRC-3SR-GW-060321	BJF0655-MS2	XDT_m1210628-106	06/24/21 13:55	Added 6/29/2021 by MCB
NRC-3SR-GW-060321	BJF0655-MS3	XDT_m1210715-048	06/24/21 13:55	Added 7/16/2021 by MCB
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	06/24/21 13:55	
NRC-3SR-GW-060321	BJF0655-MSD2	XDT_m1210628-107	06/24/21 13:55	Added 6/29/2021 by MCB
NRC-3SR-GW-060321	BJF0655-MSD3	XDT_m1210715-049	06/24/21 13:55	Added 7/16/2021 by MCB

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Dissolved Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0556
Laboratory ID: BJF0556-BLK1
Prepared: 06/21/21 10:32

Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/23/21 16:24

Sequence: SJF0318
Calibration: EF00068
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-89-6	Iron-54	ND	1	18.2	36.0	U
7439-89-6	Iron-57	ND	1	6.63	20.0	U
7439-92-1	Lead-208	ND	1	0.0513	0.100	U
7439-96-5	Manganese-55	0.207	1	0.142	0.500	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Dissolved Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0556
Laboratory ID: BJF0556-BLK2
Prepared: 06/21/21 10:32

Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/28/21 16:47

Sequence: SJF0401
Calibration: EF00079
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum-27	ND	1	2.92	20.0	U
7440-70-2	Calcium-44	ND	1	11.1	50.0	U
7439-95-4	Magnesium-24	ND	1	2.22	20.0	U
7440-09-7	Potassium-39	ND	1	10.9	20.0	U
7440-23-5	Sodium-23	ND	1	16.4	100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0654
Laboratory ID: BJF0654-BLK1
Prepared: 06/24/21 13:46
Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/24/21 23:01
Sequence: SJF0364
Calibration: EF00073
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum-27	ND	1	2.92	20.0	U
7439-92-1	Lead-208	ND	1	0.0513	0.100	U
7439-96-5	Manganese-55	ND	1	0.142	0.500	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0654
Laboratory ID: BJF0654-BLK2
Prepared: 06/24/21 13:46

Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/28/21 17:53

Sequence: SJF0401
Calibration: EF00079
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium-44	ND	1	11.1	50.0	U
7439-89-6	Iron-54	ND	1	18.2	36.0	U
7439-89-6	Iron-57	ND	1	6.63	36.0	U
7439-95-4	Magnesium-24	ND	1	2.22	20.0	U
7440-09-7	Potassium-39	ND	1	10.9	20.0	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0654
Laboratory ID: BJF0654-BLK3
Prepared: 06/24/21 13:46
Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 07/15/21 17:36
Sequence: SJG0200
Calibration: EG00050
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-23-5	Sodium-23	ND	1	16.4	100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0655
Laboratory ID: BJF0655-BLK1
Prepared: 06/24/21 13:55
Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/24/21 23:10
Sequence: SJF0364
Calibration: EF00073
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7429-90-5	Aluminum-27	ND	1	2.92	20.0	U
7439-92-1	Lead-208	ND	1	0.0513	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0655
Laboratory ID: BJF0655-BLK2
Prepared: 06/24/21 13:55

Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/25/21 16:52

Sequence: SJF0378
Calibration: EF00076
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7439-96-5	Manganese-55	ND	1	0.142	0.500	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0655
Laboratory ID: BJF0655-BLK3
Prepared: 06/24/21 13:55

Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/28/21 18:03

Sequence: SJF0401
Calibration: EF00079
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-70-2	Calcium-44	ND	1	11.1	50.0	U
7439-89-6	Iron-54	ND	1	18.2	36.0	U
7439-89-6	Iron-57	ND	1	6.63	36.0	U
7439-95-4	Magnesium-24	ND	1	2.22	20.0	U
7440-09-7	Potassium-39	ND	1	10.9	20.0	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0655
Laboratory ID: BJF0655-BLK4
Prepared: 06/24/21 13:55

Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 07/15/21 17:42

Sequence: SJG0200
Calibration: EG00050
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-23-5	Sodium-23	ND	1	16.4	100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/23/21 16:29
Batch:	BJF0556	Laboratory ID:	BJF0556-BS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Iron-54 (dissolved)	5000	5250		105	80 - 120
Iron-57 (dissolved)	5000	5230		105	80 - 120
Lead-208 (dissolved)	25.0	24.7		98.6	80 - 120
Manganese-55 (dissolved)	25.0	26.3		105	80 - 120

* Indicates values outside of QC limits

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/28/21 16:52
Batch:	BJF0556	Laboratory ID:	BJF0556-BS2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Aluminum-27 (dissolved)	5000	4850		97.0	80 - 120
Calcium-44 (dissolved)	5000	5020		100	80 - 120
Magnesium-24 (dissolved)	5000	4900		97.9	80 - 120
Potassium-39 (dissolved)	5000	4880		97.6	80 - 120
Sodium-23 (dissolved)	5000	4740		94.8	80 - 120

* Indicates values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/24/21 23:05
Batch:	BJF0654	Laboratory ID:	BJF0654-BS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Aluminum-27	5000	5000		99.9	80 - 120
Lead-208	25.0	22.1		88.6	80 - 120
Manganese-55	25.0	23.8		95.1	80 - 120

* Indicates values outside of QC limits

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/28/21 17:58
Batch:	BJF0654	Laboratory ID:	BJF0654-BS2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Calcium-44	5000	5290		106	80 - 120
Iron-54	5000	5350		107	80 - 120
Iron-57	5000	5410		108	80 - 120
Magnesium-24	5000	5130		103	80 - 120
Potassium-39	5000	5260		105	80 - 120

* Indicates values outside of QC limits

* Indicates values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/15/21 17:39
Batch:	BJF0654	Laboratory ID:	BJF0654-BS3
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Sodium-23	5000	5010		100	80 - 120

* Indicates values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/24/21 23:14
Batch:	BJF0655	Laboratory ID:	BJF0655-BS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Aluminum-27	5000	5050		101	80 - 120
Lead-208	25.0	22.4		89.6	80 - 120
Manganese-55	25.0	24.3		97.1	80 - 120

* Indicates values outside of QC limits

* Indicates values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/28/21 18:08
Batch:	BJF0655	Laboratory ID:	BJF0655-BS3
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Calcium-44	5000	5040		101	80 - 120
Iron-54	5000	5040		101	80 - 120
Iron-57	5000	5180		104	80 - 120
Magnesium-24	5000	4890		97.8	80 - 120
Potassium-39	5000	4940		98.8	80 - 120

* Indicates values outside of QC limits

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/15/21 17:46
Batch:	BJF0655	Laboratory ID:	BJF0655-BS4
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Sodium-23	5000	5070		101	80 - 120

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

DUPLICATES

EPA 6020B

Dissolved Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0556-DUP1
Batch: BJF0556
Lab Source ID: 21F0123-05
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: NRC-103DR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Iron-54 (dissolved)	20	ND	ND		
Lead-208 (dissolved)	20	ND	ND		
Manganese-55 (dissolved)	20	38.1	40.9	7.07	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

DUPLICATES

EPA 6020B

Dissolved Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0556-DUP2
Batch: BJF0556
Lab Source ID: 21F0123-05
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: NRC-103DR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Aluminum-27 (dissolved)	20	6.51	7.02	7.54	
Magnesium-24 (dissolved)	20	8040	8080	0.571	
Potassium-39 (dissolved)	20	3850	3940	2.46	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

DUPLICATES

EPA 6020B

Dissolved Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0556-DUP3
Batch: BJF0556
Lab Source ID: 21F0123-05
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: NRC-103DR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Calcium-44 (dissolved)	20	66300	68200	2.73	
Sodium-23 (dissolved)	20	4950	5130	3.58	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

EPA 6020B

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0654-DUP1
Batch: BJF0654
Lab Source ID: 21F0123-18
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Aluminum-27	20	6340	6610	4.10	
Lead-208	20	0.293	0.305	4.01	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

EPA 6020B

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0654-DUP2
Batch: BJF0654
Lab Source ID: 21F0123-18
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Calcium-44	20	109000	108000	0.191	
Iron-54	20	82900	84300	1.71	
Potassium-39	20	9260	9470	2.23	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

DS-17I-GW-060421

DUPLICATES

EPA 6020B

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0654-DUP3
Batch: BJF0654
Lab Source ID: 21F0123-18
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Magnesium-24	20	21500	21700	0.551	
Manganese-55	20	1190	1200	1.14	
Sodium-23	20	6590	6710	1.85	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

EPA 6020B

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0655-DUP1
Batch: BJF0655
Lab Source ID: 21F0123-01
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Aluminum-27	20	3.82	3.82	0.105	
Lead-208	20	ND	ND		
Manganese-55	20	1.47	1.43	2.41	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

EPA 6020B

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0655-DUP2
Batch: BJF0655
Lab Source ID: 21F0123-01
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Calcium-44	20	9960	9980	0.171	
Iron-54	20	ND	ND		
Potassium-39	20	619	629	1.63	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

EPA 6020B

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0655-DUP3
Batch: BJF0655
Lab Source ID: 21F0123-01
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Magnesium-24	20	1580	1580	0.173	
Sodium-23	20	1330	1320	0.962	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/24/21 06:25
Batch:	BJF0556	Laboratory ID:	BJF0556-MS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-103DR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #		QC LIMITS REC.
Iron-54 (dissolved)	5000	ND	U	4890		97.8		75 - 125
Lead-208 (dissolved)	25.0	ND	U	23.2		92.7		75 - 125
Manganese-55 (dissolved)	25.0	38.1		70.2	*	128	*	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/24/21 06:31
Batch:	BJF0556	Laboratory ID:	BJF0556-MSD1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-103DR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Iron-54 (dissolved)	5000	4930		98.6		0.790	20	75 - 125
Lead-208 (dissolved)	25.0	23.2		92.7		0.0388	20	75 - 125
Manganese-55 (dissolved)	25.0	70.0	*	128	*	0.251	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/28/21 18:27
Batch:	BJF0556	Laboratory ID:	BJF0556-MS2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-103DR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #		QC LIMITS REC.
Aluminum-27 (dissolved)	5000	6.51	J	3920		78.2		75 - 125
Magnesium-24 (dissolved)	5000	8040		11800	*	74.8	*	75 - 125
Potassium-39 (dissolved)	5000	3850		8060		84.3		75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/28/21 18:32
Batch:	BJF0556	Laboratory ID:	BJF0556-MSD2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-103DR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aluminum-27 (dissolved)	5000	4010		80.0	2.26	20	75 - 125
Magnesium-24 (dissolved)	5000	12200		83.2	3.52	20	75 - 125
Potassium-39 (dissolved)	5000	8160		86.3	1.20	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/15/21 20:37
Batch:	BJF0556	Laboratory ID:	BJF0556-MS3
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-103DR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Calcium-44 (dissolved)	5000	66300	D	75000	HC, D	173 *	75 - 125
Sodium-23 (dissolved)	5000	4950	D	10200	D	105	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/15/21 20:42
Batch:	BJF0556	Laboratory ID:	BJF0556-MSD3
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-103DR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Calcium-44 (dissolved)	5000	75600	HC, D	185 *	0.803	20	75 - 125
Sodium-23 (dissolved)	5000	10400	D	109	2.09	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/25/21 01:43
Batch:	BJF0654	Laboratory ID:	BJF0654-MS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Aluminum-27	5000	6340		10600		85.1	75 - 125
Lead-208	25.0	0.293		22.4		88.4	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/25/21 01:49
Batch:	BJF0654	Laboratory ID:	BJF0654-MSD1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aluminum-27	5000	10300		79.7	2.58	20	75 - 125
Lead-208	25.0	22.4		88.5	0.121	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/29/21 12:29
Batch:	BJF0654	Laboratory ID:	BJF0654-MS2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Calcium-44	5000	109000	D	113000	D	93.6	75 - 125
Iron-54	5000	82900	D	87300	HC, D	89.7	75 - 125
Potassium-39	5000	9260	D	14100	D	97.0	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/29/21 12:34
Batch:	BJF0654	Laboratory ID:	BJF0654-MSD2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Calcium-44	5000	112000	D	75.5	0.797	20	75 - 125
Iron-54	5000	85700	HC, D	56.2 *	1.94	20	75 - 125
Potassium-39	5000	14000	D	95.4	0.592	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/15/21 18:53
Batch:	BJF0654	Laboratory ID:	BJF0654-MS3
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Magnesium-24	5000	21500	D	27500	D	119	75 - 125
Manganese-55	25.0	1190	D	1210	HC, D	108	75 - 125
Sodium-23	5000	6590	D	11800	D	105	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/15/21 18:57
Batch:	BJF0654	Laboratory ID:	BJF0654-MSD3
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Magnesium-24	5000	26900	D	107	2.26	20	75 - 125
Manganese-55	25.0	1180	HC, D	-12.6 *	2.50	20	75 - 125
Sodium-23	5000	11600	D	100	1.90	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/25/21 04:54
Batch:	BJF0655	Laboratory ID:	BJF0655-MS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Aluminum-27	5000	3.82	J	4840		96.7	75 - 125
Lead-208	25.0	ND	U	23.2		92.6	75 - 125
Manganese-55	25.0	1.47		24.0		90.3	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/25/21 04:59
Batch:	BJF0655	Laboratory ID:	BJF0655-MSD1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aluminum-27	5000	4740		94.7	2.08	20	75 - 125
Lead-208	25.0	23.5		93.8	1.30	20	75 - 125
Manganese-55	25.0	24.0		90.2	0.129	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/28/21 23:21
Batch:	BJF0655	Laboratory ID:	BJF0655-MS2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Calcium-44	5000	9960		14500		90.6	75 - 125
Iron-54	5000	ND	U	4700		94.0	75 - 125
Potassium-39	5000	619		5430		96.3	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/28/21 23:27
Batch:	BJF0655	Laboratory ID:	BJF0655-MSD2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Calcium-44	5000	14400		88.1	0.847	20	75 - 125
Iron-54	5000	4620		92.5	1.63	20	75 - 125
Potassium-39	5000	5450		96.6	0.289	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/15/21 18:00
Batch:	BJF0655	Laboratory ID:	BJF0655-MS3
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Magnesium-24	5000	1580		6680		102	75 - 125
Sodium-23	5000	1330		6280		98.9	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/15/21 18:05
Batch:	BJF0655	Laboratory ID:	BJF0655-MSD3
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Magnesium-24	5000	6590		100	1.44	20	75 - 125
Sodium-23	5000	6230		97.9	0.789	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00068	Instrument:	ICPMS1
Calibration Date:	06/23/2021 13:08		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Iron-54, Dissolved	0	0	36	6240.694	1000	3404.408	2000	3324.964	5000	3168.538	10000	3110.226
Iron-57, Dissolved	0	0	36	1763.667	1000	1238.621	2000	1250.178	5000	1182.503	10000	1166.302
Manganese-55, Dissolved	0	0	0.5	44280	10	44400	20	44700.35	50	42365.06	100	41181.82
Lead-208, Dissolved	0	0	0.1	136810	10	129043.7	20	128398.9	50	125037.1	100	122645.5

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00068	Instrument:	ICPMS1
Calibration Date:	06/23/2021 13:08		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Iron-54, Dissolved	3208.138	61.6	0.9998		0.998	
Iron-57, Dissolved	1100.212	53.1	0.9998		0.998	
Manganese-55, Dissolved	36154.54	49.1	0.9996		0.998	
Lead-208, Dissolved	106989.2	49.2	0.9999		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MS **Sequence:** SJFΦ318 **Cal:** EFΦΦΦ68

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CAL1	J6619		
		-CAL2	J6285		
		-CAL3	J6286		
		-CAL4	J6287		
		-CAL5	J662Φ		
		-CAL6	J6288		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J6619		
		-CCV1	J662Φ		
		-CCB1	J6619		
		-CRL1	J6285		
		-IFA1	J576Φ		V-1, Cr^{53}↑
		-IFB1	J5761		↓
		-HCV1	J6678		
		-HCV2	J6294		
		-IBL2	—		(S6↑)
		-IBL3	—		
		-CCV2			
		-CCB2			
	✓	F129-3 TEST			TEST ONLY
		21EΦ29Φ-Φ2	REN	10	Fe, Mn only
		21FΦ255-Φ1	↓	5	
		21EΦ277-Φ1	↓	20	Cr, Zn only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MS 6/23/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJFΦ57Φ-BLK1	REN		(Cr53, Mn 7½RL) Cr NR
		↓ -BS1	↓		
		BJFΦ556-BLK1			
		↓ -BS1			
		21FΦ288-Φ1	↓		
		SEQ-IBL4			
		↓ -CCV3			
		↓ -CCB3			
		BJFΦ485-BLK1	REN		
		↓ -BS1	↓		
		BJFΦ6Φ1-BLK1			
		↓ -BS1			
		21FΦ185-Φ4		2	Se only
Φ2→Φ1		21FΦ318 ~~Φ2~~ Φ1		↓	
		21FΦ323-Φ1	↓		
		SEQ-IBL5			
		BJFΦ553-BLK1	REN		
		↓ -BS1	↓		
		SEQ-CCV4			
		↓ -CCB4			
		BJFΦ554-BLK1	REN		
		↓ -BS1			
		21EΦ314-Φ3		2	
		BJFΦ279-DUP2	↓	↓	No Mn

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJFΦ279-MS2	REN	2	Ba STL — No Mn
		↓ -MSD2	↓	↓	↓ ↓
		21EΦ352-Φ6	↓	5	Mn only
		↓ -Φ7	↓	↓	↓
		↓ -Φ8	↓	↓	↓
		SEQ-IBL6			
		↓ -CCV5			
		↓ -CCB5			
		21FΦ198-Φ1	REN		
		↓ -Φ6	↓		
		↓ -Φ7	↓		
		21FΦ114-Φ1	SWN	200	Cr, Zn only
		21EΦ323-Φ3	REN		
		↓ -Φ1	↓		Mn↑ — Mn NR
		BJFΦ554-DUP1	↓		↓ ↓
		↓ -MS1	↓		/N: %RT↑
		↓ -MSD1	↓		/N: RPD↑
		SEQ-IBL7			
		↓ -CCV6			
		↓ -CCB6			
		BJFΦ662-BLK1	REN		Fe, Sb only
	✓	↓ -BS1	↓		Li, Sc, In, Tb noisy ↓
		↓ -BS1	↓		↓
		21EΦ323-Φ4RE1	↓		↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21EΦ323-Φ2REI	REN		Fe, Sb only
		BJFΦ662-DUPI	↓		↓
		-MSI			
		-MSDI			
		21FΦΦ68-ΦI			
		SEQ-IBL8			
		-CCV7			
		-CCB7			
		21EΦ323-Φ1REI	REN	10	Mn only
	✓	BJFΦ554-DUP2	↓	↓	Li, Sc, In, Tb noisy ↓
		-MS2			Mn STL ↓
		-MSD2			
		-DUP2			↓
		21FΦΦ68-Φ3			
		BJFΦ485-DUPI			Li, Sc, In, Tb SL noisy - %R + Analytes OK
		-MSI			
		-MSDI			
		SEQ-IBL9			
		-CCV8			
		-CCB8			
	✓	-CALI			
		-CCV9			
		-CCB9			
		21FΦΦ68-Φ2	REN		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted. MB 6/23/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FØØ68-Ø4	REN		
		-Ø8			
		-Ø9			
		-1Ø			
		-11			
		21FØØ95-Ø3			
		-Ø5			
		-Ø7			
		SEQ-IBLA			
		-CCVA			
		-CCBA			
		21FØØ92-Ø2	REN		Li,Se,In,Tb sl. noisy -%R+ Analytes OK
		21FØØ95-Ø9			
		-11			
		-13			Se sl. noisy - %R+ Analytes OK
		-15			
		-Ø1			As+Se noisy — No As,Se
		BTFØ485-DUP2			
		-MS2			
		-MSD2			
		SEQ-IBLB			
		-CCVB			
		-CCBB			
		21FØØ92-Ø4	REN		Li,In,Tb noisy- %R+ Analytes OK.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦΦ92-Φ6	REN		
		-Φ8	↓		Sc↑ - Not Needed
		-Φ1	↓		
		-Φ3	↓		
		-Φ5	↓		
		-Φ7	↓		
		21FΦΦ93-Φ2	↓		
		-Φ4	↓		
		SEQ-IBLC			
		-CCVC			
		-CCBC			
		21FΦΦ93-Φ6	REN		
		-Φ8	↓		
		-Φ1	↓		
		-Φ3	↓		
		-Φ5	↓		
		21FΦ1Φ8-Φ1	↓		In matrix - LR + Analytes OK / Matches DUP
		BJFΦ553-DUP1	↓		
		-MS1	↓		
		-MSD1	↓		
		SEQ-IBLD			
		-CCVD			
		-CCBD			
	✓	-CAL1			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVE			
		-CCBE			
		21F0093-07	REN		
		21F0139-03			
		-04			
		-05			
		-02			
		BJF0520-DUP1			
		-MS1			
		-MSD1			VOID MB 6/23/21

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 6/23/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVE			
		↓ -CCBE			
		21FΦΦ93-Φ7	REN		
		21FΦ151-Φ1	↓		
		21FΦ139-Φ3			
		-Φ4			
		-Φ5			
		-Φ2			Mn↑ No Mn
		BJFΦ52Φ-DUP1			Li, Sc, In, Tb noisy - %R ok / Analytes OK / Matrix present
		-MS1			↓ ↓
		-MSD1	↓		
		SEQ-IBLE			
		-CCVF			
		↓ -CCBF			
		21FFΦ137-Φ1	REN		
		21FΦ137-Φ3	↓		
		-Φ5			
		↓ -Φ7			
		21FΦ267-Φ1			
		21FΦ123-Φ5			(Cd NO-RNR 5x re-prep) No Ba
		BJFΦ556-DUP1			
		-MS1			Mn %RP (128%) ↓
		↓ -MSD1	↓		↓
		SEQ-IBLF			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVG			Ba^{137} ↓
		↓ -CCBG			
		21FΦ298-Φ1	REN		
		-Φ2			
		-Φ3			
		21FΦ233-Φ1			
		-Φ2			
		-Φ3			
		-Φ4			
		21FΦ131-Φ1			Ge noisy / $Cd^{111}+In^{114}$ Sig. Diff. Cr, Pb only
		21FΦ135-Φ1			
		SEQ-IBLG			
		-CCVH			Ba^{137} ↓
		↓ -CCBH			Li, Sc, In, Tb noisy - %R + Analytes OK
		21FΦ120-Φ1	REN	10	
		21FΦ121-Φ1		2	
		21FΦ184-Φ1			
		21FΦ147-Φ2			
		-Φ3			
		-Φ4			
		-Φ1			
		BJFΦ570-DUP1			
		↓ -MS1			
		SEQ-IBLH			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVI			Mn std. noisy - Value OK & consistent
		↓ -CCBI			
		Rinse/DI			
				MB 6/23/21	

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Wednesday, June 23, 2021 12:08:26
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11038
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	10372.4	10357.828	155.481	1.5	Standard
	In	114.9	155914.9	-1663210.261	2394.529	0.1	Standard
	U	238.1	194592.1	194592.053	5530.125	2.8	Standard
⌈	CeO	155.9	3204.2	0.018	0.000	0.6	Standard
| >	Ce	139.9	175726.3	175726.303	2601.940	1.5	Standard
⌊	Ce++	70.0	2354.5	0.013	0.000	2.6	Standard
	Bkgd	220.0	1.0	1.033	0.342	33.1	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/23/2021 12:08:24 PM
End Time: 6/23/2021 12:12:43 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 10372.43
Obtained Intensity (In 115): 155914.90
Obtained Intensity (U 238): 194592.05
Obtained Intensity (Bkgd 220): 1.03
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2354.53 / 175726.30)
Obtained Formula (CeO 156 / Ce 140): 0.018 (=3204.23 / 175726.30)
Obtained RSD (Be 9): 0.0150
Obtained RSD (In 115): 0.0014
Obtained RSD (U 238): 0.0284

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
1.98 mm	-1.99 mm	18050.40

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/23/2021 12:08:24 PM

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10372.43
Obtained Intensity (In 115): 155914.90
Obtained Intensity (U 238): 194592.05
Obtained Intensity (Bkgd 220): 1.03
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2354.53 / 175726.30)
Obtained Formula (CeO 156 / Ce 140): 0.018 (=3204.23 / 175726.30)
Obtained RSD (Be 9): 0.0150
Obtained RSD (In 115): 0.0014
Obtained RSD (U 238): 0.0284

[Passed] Optimum value(s): N/A

Torch Alignment

Optimization Settings:

Method: Torch Alignment.mth.
Intensity Criterion: In 115 Maximum

Optimization Results:

	Vertical	Horizontal	Intensity
[Passed]	1.98 mm	-1.99 mm	18050.40

End Time: 6/23/2021 12:12:43 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Wednesday, June 23, 2021 12:21:12
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11046
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9657.0	9656.997	170.736	1.8	Standard
	In	114.9	152724.1	152724.117	1000.173	0.7	Standard
	U	238.1	208825.4	208825.445	1943.661	0.9	Standard
⌈	CeO	155.9	3482.1	0.020	0.000	0.8	Standard
| >	Ce	139.9	174852.5	174852.452	974.465	0.6	Standard
⌊	Ce++	70.0	2216.1	0.013	0.000	0.7	Standard
	Bkgd	220.0	0.6	0.567	0.190	33.5	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/23/2021 12:12:49 PM
End Time: 6/23/2021 12:23:16 PM

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.59 mm	-0.36 mm	169612.96

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.965
Obtained Intensity (In 115): 163584.26
Obtained Formula (CeO 156 / Ce 140): 0.0194 (=3538.44 / 182438.54)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.694)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.694)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.699)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.996; Intercept = -13.86

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.997; Intercept = -13.81

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 9657.00
Obtained Intensity (In 115): 152724.12
Obtained Intensity (U 238): 208825.44
Obtained Intensity (Bkgd 220): 0.57
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2216.11 / 174852.45)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=3482.09 / 174852.45)
Obtained RSD (Be 9): 0.0177
Obtained RSD (In 115): 0.0065
Obtained RSD (U 238): 0.0093

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/23/2021 12:12:49 PM

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:
		Vertical	Horizontal	Intensity
[Passed]	2.59 mm	-0.36 mm	169612.96

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.95/0.99/0.005.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.023

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 163584.26
		Obtained Formula (CeO 156 / Ce 140): 0.0194 (=3538.44 / 182438.54)
[Passed] Optimum value(s): 0.965

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.717)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.689)
		Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.681)
		Target/Obtained mass (238.05/237.975), Target/Obtained resolution (0.7/0.701) - <Target not achieved>
		[Failed]
	Retry 1
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.694)
		Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.694)
		Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.699)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.996; Intercept = -13.86

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	37513.2
Mg	24	41	-14	69862.4
In	115	41	-12.5	164858
Ce	140	41	-11.5	180517
Pb	208	41	-10.5	115582
U	238	41	-10.5	215830

KED Mode QID
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.997; Intercept = -13.81

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	26725
Mg	24	41	-14	64493.3
In	115	41	-11.5	149890
Ce	140	41	-10.5	135839
Pb	208	41	-10	69010.3
U	238	41	-10	141388

STD Performance Check
Optimization Settings:
Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:
Initial Try
Obtained Intensity (Be 9): 9657.00
Obtained Intensity (In 115): 152724.12
Obtained Intensity (U 238): 208825.44
Obtained Intensity (Bkgd 220): 0.57
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2216.11 / 174852.45)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=3482.09 / 174852.45)
Obtained RSD (Be 9): 0.0177
Obtained RSD (In 115): 0.0065
Obtained RSD (U 238): 0.0093

[Passed] Optimum value(s): N/A

End Time: 6/23/2021 12:23:16 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:08:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L				1107873	1	Standard
	Be	**9**		ug/L				4	24	Standard
	C	**13**		ug/L				30456	0	Standard
	Cl	**37**		ug/L				6901546	0	Standard
>	**Sc**	**45**		ug/L				1525311	0	Standard
	V	**51**		ug/L				7633	1	Standard
	V-1	**51**		ug/L				424	0	Standard
	Cr	**52**		ug/L				22604	1	Standard
	Cr	**53**		ug/L				248	2	Standard
	Fe	**54**		ug/L				109957	0	Standard
	Fe	**57**		ug/L				21890	0	Standard
	Mn	**55**		ug/L				1100	3	Standard
>	**Ge**	**72**		ug/L				100487	1	KED
	Co	**59**		ug/L				8	32	KED
	Ni	**60**		ug/L				63	20	KED
	Ni	**62**		ug/L				15	18	KED
	Cu	**63**		ug/L				220	7	KED
	Cu	**65**		ug/L				102	4	KED
	Zn	**66**		ug/L				217	4	KED
	Zn	**67**		ug/L				33	24	KED
	As	**75**		ug/L				4	22	KED
	Se	**78**		ug/L				14	2	KED
	Y	**89**		ug/L				787121	1	Standard
	Kr	**83**		ug/L				329	10	Standard
>	**In-1**	**115**		ug/L				30151	2	KED
	Mo	**98**		ug/L				4	45	KED
	Cd	**111**		ug/L				3	56	KED
	Cd	**114**		ug/L				4	28	KED
>	**In**	**115**		ug/L				1531029	1	Standard
	Ag	**107**		ug/L				86	12	Standard
	Sb	**121**		ug/L				67	42	Standard
	Sb	**123**		ug/L				51	9	Standard
	Ba	**135**		ug/L				44	6	Standard
	Ba	**137**		ug/L				73	19	Standard
>	**Tb**	**159**		ug/L				2910281	0	Standard
	Tl	**205**		ug/L				83	19	Standard
	Pb	**208**		ug/L				1932	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:13:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1103655	0	Standard
	Be	**9**	**0.200**	ug/L	0.010	5	4	1267	4	Standard
	C	**13**		ug/L			30456	31816	3	Standard
	Cl	**37**		ug/L			6901546	6927909	0	Standard
>	**Sc**	**45**		ug/L			1525311	1506287	0	Standard
	V	**51**	**0.200**	ug/L	0.006	2	7633	14017	1	Standard
	V-1	**51**	**0.200**	ug/L	0.003	1	424	6911	1	Standard
	Cr	**52**	**0.500**	ug/L	0.014	2	22604	36553	0	Standard
	Cr	**53**	**0.500**	ug/L	0.019	3	248	1858	2	Standard
	Fe	**54**	**36.000**	ug/L	0.786	2	109957	224665	0	Standard
	Fe	**57**	**36.000**	ug/L	0.927	2	21890	63492	1	Standard
	Mn	**55**	**0.500**	ug/L	0.014	2	1100	22140	2	Standard
>	**Ge**	**72**		ug/L			100487	101827	0	KED
	Co	**59**	**0.200**	ug/L	0.004	2	8	1227	2	KED
	Ni	**60**	**0.500**	ug/L	0.002	0	63	864	1	KED
	Ni	**62**	**0.500**	ug/L	0.071	14	15	152	12	KED
	Cu	**63**	**0.500**	ug/L	0.009	1	220	2672	2	KED
	Cu	**65**	**0.500**	ug/L	0.026	5	102	1358	4	KED
	Zn	**66**	**6.000**	ug/L	0.049	0	217	4502	1	KED
	Zn	**67**	**6.000**	ug/L	0.078	1	33	686	1	KED
	As	**75**	**0.200**	ug/L	0.016	8	4	72	7	KED
	Se	**78**	**0.500**	ug/L	0.051	10	14	33	6	KED
	Y	**89**		ug/L			787121	790492	0	Standard
	Kr	**83**		ug/L			329	356	1	Standard
>	**In-1**	**115**		ug/L			30151	29316	0	KED
	Mo	**98**	**0.200**	ug/L	0.006	2	4	350	3	KED
	Cd	**111**	**0.100**	ug/L	0.007	6	3	51	6	KED
	Cd	**114**	**0.100**	ug/L	0.014	14	4	119	14	KED
>	**In**	**115**		ug/L			1531029	1532921	1	Standard
	Ag	**107**	**0.200**	ug/L	0.011	5	86	3642	4	Standard
	Sb	**121**	**0.200**	ug/L	0.009	4	67	4427	4	Standard
	Sb	**123**	**0.200**	ug/L	0.009	4	51	3467	3	Standard
	Ba	**135**	**0.500**	ug/L	0.023	4	44	3896	4	Standard
	Ba	**137**	**0.500**	ug/L	0.008	1	73	6864	1	Standard
>	**Tb**	**159**		ug/L			2910281	2919799	1	Standard
	Tl	**205**	**0.200**	ug/L	0.003	1	83	19111	0	Standard
	Pb	**208**	**0.100**	ug/L	0.002	1	1932	13681	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:18:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1122534	2	Standard
	Be	**9**	**10.000**	ug/L	0.261	2	4	68555	0	Standard
	C	**13**		ug/L			30456	77168	0	Standard
	Cl	**37**		ug/L			6901546	7195707	1	Standard
>	**Sc**	**45**		ug/L			1525311	1546645	0	Standard
	V	**51**	**10.000**	ug/L	0.051	0	7633	338988	0	Standard
	V-1	**51**	**10.000**	ug/L	0.056	0	424	333152	0	Standard
	Cr	**52**	**10.000**	ug/L	0.082	0	22604	315851	0	Standard
	Cr	**53**	**10.000**	ug/L	0.126	1	248	33825	1	Standard
	Fe	**54**	**999.993**	ug/L	8.517	0	109957	3404408	0	Standard
	Fe	**57**	**1000.023**	ug/L	2.155	0	21890	1238621	0	Standard
	Mn	**55**	**10.001**	ug/L	0.208	2	1100	444000	1	Standard
>	**Ge**	**72**		ug/L			100487	103309	0	KED
	Co	**59**	**10.000**	ug/L	0.016	0	8	60922	1	KED
	Ni	**60**	**10.002**	ug/L	0.060	0	63	17881	1	KED
	Ni	**62**	**10.001**	ug/L	0.233	2	15	2864	3	KED
	Cu	**63**	**10.002**	ug/L	0.157	1	220	53422	0	KED
	Cu	**65**	**10.001**	ug/L	0.132	1	102	26924	1	KED
	Zn	**66**	**10.124**	ug/L	0.105	1	217	7814	0	KED
	Zn	**67**	**10.389**	ug/L	0.042	0	33	1320	0	KED
	As	**75**	**10.000**	ug/L	0.108	1	4	3685	0	KED
	Se	**78**	**10.003**	ug/L	0.205	2	14	425	2	KED
	Y	**89**		ug/L			787121	786935	1	Standard
	Kr	**83**		ug/L			329	316	2	Standard
>	**In-1**	**115**		ug/L			30151	28900	0	KED
	Mo	**98**	**10.000**	ug/L	0.144	1	4	18449	1	KED
	Cd	**111**	**10.000**	ug/L	0.081	0	3	4341	0	KED
	Cd	**114**	**10.000**	ug/L	0.216	2	4	11306	1	KED
>	**In**	**115**		ug/L			1531029	1562493	0	Standard
	Ag	**107**	**10.000**	ug/L	0.235	2	86	192279	1	Standard
	Sb	**121**	**10.000**	ug/L	0.093	0	67	226840	1	Standard
	Sb	**123**	**10.000**	ug/L	0.087	0	51	178249	0	Standard
	Ba	**135**	**10.001**	ug/L	0.145	1	44	80929	1	Standard
	Ba	**137**	**10.000**	ug/L	0.196	1	73	140513	1	Standard
>	**Tb**	**159**		ug/L			2910281	2981964	0	Standard
	Tl	**205**	**10.000**	ug/L	0.042	0	83	977192	0	Standard
	Pb	**208**	**10.000**	ug/L	0.150	1	1932	1290437	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:23:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1126316	2	Standard
	Be	**9**	**20.013**	ug/L	0.157	0	4	138036	2	Standard
	C	**13**		ug/L			30456	70908	0	Standard
	Cl	**37**		ug/L			6901546	7257289	0	Standard
>	**Sc**	**45**		ug/L			1525311	1520820	1	Standard
	V	**51**	**20.100**	ug/L	0.319	1	7633	675531	1	Standard
	V-1	**51**	**20.107**	ug/L	0.131	0	424	672522	1	Standard
	Cr	**52**	**20.038**	ug/L	0.444	2	22604	604025	1	Standard
	Cr	**53**	**20.062**	ug/L	0.298	1	248	67292	1	Standard
	Fe	**54**	**2004.007**	ug/L	28.363	1	109957	6649928	0	Standard
	Fe	**57**	**2014.033**	ug/L	15.620	0	21890	2500356	2	Standard
	Mn	**55**	**20.100**	ug/L	0.427	2	1100	894007	0	Standard
>	**Ge**	**72**		ug/L			100487	100475	0	KED
	Co	**59**	**20.118**	ug/L	0.076	0	8	122073	0	KED
	Ni	**60**	**20.083**	ug/L	0.345	1	63	35436	1	KED
	Ni	**62**	**20.196**	ug/L	0.313	1	15	5836	1	KED
	Cu	**63**	**20.048**	ug/L	0.234	1	220	104947	1	KED
	Cu	**65**	**20.043**	ug/L	0.120	0	102	52823	0	KED
	Zn	**66**	**20.085**	ug/L	0.212	1	217	15049	0	KED
	Zn	**67**	**20.229**	ug/L	1.221	6	33	2553	5	KED
	As	**75**	**20.065**	ug/L	0.044	0	4	7282	0	KED
	Se	**78**	**19.942**	ug/L	0.338	1	14	801	1	KED
	Y	**89**		ug/L			787121	785842	2	Standard
	Kr	**83**		ug/L			329	362	9	Standard
>	**In-1**	**115**		ug/L			30151	28330	0	KED
	Mo	**98**	**20.057**	ug/L	0.394	1	4	36690	1	KED
	Cd	**111**	**20.023**	ug/L	0.287	1	3	8558	1	KED
	Cd	**114**	**19.974**	ug/L	0.326	1	4	22020	1	KED
>	**In**	**115**		ug/L			1531029	1531016	1	Standard
	Ag	**107**	**19.978**	ug/L	0.133	0	86	374667	1	Standard
	Sb	**121**	**20.092**	ug/L	0.174	0	67	454792	0	Standard
	Sb	**123**	**20.043**	ug/L	0.148	0	51	353077	1	Standard
	Ba	**135**	**20.058**	ug/L	0.066	0	44	160872	1	Standard
	Ba	**137**	**20.046**	ug/L	0.132	0	73	278449	1	Standard
>	**Tb**	**159**		ug/L			2910281	2971517	1	Standard
	Tl	**205**	**20.039**	ug/L	0.176	0	83	1966349	1	Standard
	Pb	**208**	**19.997**	ug/L	0.153	0	1932	2567978	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:28:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1104550	2	Standard
	Be	**9**	**50.008**	ug/L	1.540	3	4	338373	0	Standard
	C	**13**		ug/L			30456	30801	0	Standard
	Cl	**37**		ug/L			6901546	7365050	1	Standard
>	**Sc**	**45**		ug/L			1525311	1479555	0	Standard
	V	**51**	**49.975**	ug/L	0.607	1	7633	1619154	0	Standard
	V-1	**51**	**50.030**	ug/L	0.675	1	424	1632166	0	Standard
	Cr	**52**	**49.820**	ug/L	0.580	1	22604	1403736	1	Standard
	Cr	**53**	**49.999**	ug/L	0.487	0	248	162783	0	Standard
	Fe	**54**	**4992.516**	ug/L	29.474	0	109957	15842690	1	Standard
	Fe	**57**	**4986.680**	ug/L	53.404	1	21890	5912516	0	Standard
	Mn	**55**	**49.827**	ug/L	0.939	1	1100	2118253	1	Standard
>	**Ge**	**72**		ug/L			100487	98588	0	KED
	Co	**59**	**49.638**	ug/L	0.779	1	8	285205	1	KED
	Ni	**60**	**49.755**	ug/L	0.633	1	63	83999	1	KED
	Ni	**62**	**49.852**	ug/L	0.734	1	15	13907	1	KED
	Cu	**63**	**49.697**	ug/L	0.773	1	220	247461	1	KED
	Cu	**65**	**49.694**	ug/L	0.717	1	102	124552	1	KED
	Zn	**66**	**49.746**	ug/L	0.836	1	217	35424	1	KED
	Zn	**67**	**49.644**	ug/L	1.062	2	33	5905	1	KED
	As	**75**	**49.864**	ug/L	0.619	1	4	17514	1	KED
	Se	**78**	**49.870**	ug/L	1.093	2	14	1920	2	KED
	Y	**89**		ug/L			787121	761514	0	Standard
	Kr	**83**		ug/L			329	360	6	Standard
>	**In-1**	**115**		ug/L			30151	27963	0	KED
	Mo	**98**	**50.021**	ug/L	0.942	1	4	90490	1	KED
	Cd	**111**	**49.878**	ug/L	0.938	1	3	20783	1	KED
	Cd	**114**	**49.847**	ug/L	1.074	2	4	53416	1	KED
>	**In**	**115**		ug/L			1531029	1493374	2	Standard
	Ag	**107**	**49.615**	ug/L	0.292	0	86	873852	2	Standard
	Sb	**121**	**49.919**	ug/L	0.872	1	67	1093297	2	Standard
	Sb	**123**	**49.817**	ug/L	0.996	2	51	840233	0	Standard
	Ba	**135**	**49.963**	ug/L	0.381	0	44	389311	1	Standard
	Ba	**137**	**50.110**	ug/L	1.157	2	73	686149	0	Standard
>	**Tb**	**159**		ug/L			2910281	2941375	0	Standard
	Tl	**205**	**49.761**	ug/L	0.699	1	83	4720637	0	Standard
	Pb	**208**	**49.866**	ug/L	0.607	1	1932	6251853	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:34:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1072859	1	Standard
	Be	**9**	**99.411**	ug/L	1.855	1	4	641063	0	Standard
	C	**13**		ug/L			30456	47053	1	Standard
	Cl	**37**		ug/L			6901546	7596636	1	Standard
>	**Sc**	**45**		ug/L			1525311	1457771	1	Standard
	V	**51**	**99.996**	ug/L	1.346	1	7633	3184751	2	Standard
	V-1	**51**	**99.994**	ug/L	1.120	1	424	3213559	2	Standard
	Cr	**52**	**99.924**	ug/L	1.267	1	22604	2744952	1	Standard
	Cr	**53**	**99.919**	ug/L	1.164	1	248	319392	0	Standard
	Fe	**54**	**9995.877**	ug/L	106.997	1	109957	31102258	1	Standard
	Fe	**57**	**10000.596**	ug/L	108.731	1	21890	11663023	0	Standard
	Mn	**55**	**99.618**	ug/L	2.428	2	1100	4118182	0	Standard
>	**Ge**	**72**		ug/L			100487	95860	0	KED
	Co	**59**	**100.646**	ug/L	1.062	1	8	574665	1	KED
	Ni	**60**	**100.212**	ug/L	1.639	1	63	165603	1	KED
	Ni	**62**	**99.912**	ug/L	1.592	1	15	27006	1	KED
	Cu	**63**	**99.983**	ug/L	0.621	0	220	483584	0	KED
	Cu	**65**	**99.594**	ug/L	0.393	0	102	239374	0	KED
	Zn	**66**	**99.715**	ug/L	0.744	0	217	68194	0	KED
	Zn	**67**	**99.454**	ug/L	1.351	1	33	11270	1	KED
	As	**75**	**100.252**	ug/L	0.527	0	4	34525	1	KED
	Se	**78**	**100.870**	ug/L	1.807	1	14	3875	1	KED
	Y	**89**		ug/L			787121	752528	1	Standard
	Kr	**83**		ug/L			329	331	5	Standard
>	**In-1**	**115**		ug/L			30151	27121	1	KED
	Mo	**98**	**100.556**	ug/L	1.126	1	4	179778	1	KED
	Cd	**111**	**100.089**	ug/L	0.898	0	3	40570	1	KED
	Cd	**114**	**100.297**	ug/L	0.946	0	4	105292	2	KED
>	**In**	**115**		ug/L			1531029	1453245	1	Standard
	Ag	**107**	**100.499**	ug/L	3.076	3	86	1751173	2	Standard
	Sb	**121**	**100.413**	ug/L	2.289	2	67	2169252	0	Standard
	Sb	**123**	**100.186**	ug/L	2.999	2	51	1654734	2	Standard
	Ba	**135**	**100.189**	ug/L	1.324	1	44	764458	1	Standard
	Ba	**137**	**100.337**	ug/L	2.007	2	73	1352356	1	Standard
>	**Tb**	**159**		ug/L			2910281	2923398	1	Standard
	Tl	**205**	**99.932**	ug/L	1.518	1	83	9399876	0	Standard
	Pb	**208**	**99.639**	ug/L	2.462	2	1932	12264554	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:42:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1081064	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	56	4	7	25	Standard
	C	**13**		ug/L			30456	29517	1	Standard
	Cl	**37**		ug/L			6901546	7145485	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1446423	1	Standard
⎢	**V**	**51**	**0.009**	ug/L	0.002	18	7633	7523	0	Standard
⎢	**V-1**	**51**	**-0.001**	ug/L	0.000	12	424	358	0	Standard
⎢	**Cr**	**52**	**0.022**	ug/L	0.009	39	22604	22037	0	Standard
⎢	**Cr**	**53**	**-0.012**	ug/L	0.004	34	248	199	5	Standard
⎢	**Fe**	**54**	**0.386**	ug/L	0.213	55	109957	105453	0	Standard
⎢	**Fe**	**57**	**1.773**	ug/L	0.481	27	21890	22805	2	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.000	7	1100	856	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	97451	0	KED
⎢	**Co**	**59**	**-0.001**	ug/L	0.001	47	8	2	114	KED
⎢	**Ni**	**60**	**-0.009**	ug/L	0.003	32	63	45	11	KED
⎢	**Ni**	**62**	**-0.021**	ug/L	0.007	32	15	9	20	KED
⎢	**Cu**	**63**	**-0.000**	ug/L	0.001	292	220	212	2	KED
⎢	**Cu**	**65**	**0.002**	ug/L	0.005	326	102	103	11	KED
⎢	**Zn**	**66**	**-0.163**	ug/L	0.018	11	217	98	12	KED
⎢	**Zn**	**67**	**-0.152**	ug/L	0.019	12	33	14	15	KED
⎢	**As**	**75**	**0.002**	ug/L	0.008	457	4	4	56	KED
⌊	**Se**	**78**	**-0.033**	ug/L	0.047	143	14	13	13	KED
	Y	**89**		ug/L			787121	744597	1	Standard
	Kr	**83**		ug/L			329	351	8	Standard
⌈>	**In-1**	**115**		ug/L			30151	27801	1	KED
⎢	**Mo**	**98**	**0.013**	ug/L	0.002	15	4	29	13	KED
⎢	**Cd**	**111**	**0.001**	ug/L	0.004	522	3	3	41	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	418	4	4	24	KED
⌈>	**In**	**115**		ug/L			1531029	1439993	1	Standard
⎢	**Ag**	**107**	**0.004**	ug/L	0.001	28	86	148	13	Standard
⎢	**Sb**	**121**	**0.035**	ug/L	0.000	0	67	821	0	Standard
⎢	**Sb**	**123**	**0.034**	ug/L	0.004	10	51	608	9	Standard
⎢	**Ba**	**135**	**-0.001**	ug/L	0.001	62	44	34	14	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	73	73	49	27	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2822601	0	Standard
⎢	**Tl**	**205**	**0.004**	ug/L	0.000	4	83	480	3	Standard
⌊	**Pb**	**208**	**-0.009**	ug/L	0.000	2	1932	847	3	Standard

Sample Information

Sample Date/Time: Wednesday, June 23, 2021 13:34:55
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**0.9999**	0.006	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
V	51	**1.0000**	0.022	0.20	10	20	50	100
V-1	51	**1.0000**	0.022	0.20	10	20	50	100
Cr	52	**1.0000**	0.019	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Fe	54	**1.0000**	0.002	36.00	1000	2000	5000	10000
Fe	57	**1.0000**	0.001	36.00	1000	2000	5000	10000
Mn	55	**1.0000**	0.028	0.50	10	20	50	100
Ge	72							
Co	59	**0.9999**	0.060	0.20	10	20	50	100
Ni	60	**1.0000**	0.017	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.050	0.50	10	20	50	100
Cu	65	**0.9999**	0.025	0.50	10	20	50	100
Zn	66	**1.0000**	0.007	6.00	10	20	50	100
Zn	67	**0.9999**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.004	0.20	10	20	50	100
Se	78	**0.9999**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**0.9999**	0.066	0.20	10	20	50	100
Cd	111	**1.0000**	0.015	0.10	10	20	50	100
Cd	114	**1.0000**	0.039	0.10	10	20	50	100
In	115							
Ag	107	**0.9999**	0.012	0.20	10	20	50	100
Sb	121	**1.0000**	0.015	0.20	10	20	50	100
Sb	123	**1.0000**	0.011	0.20	10	20	50	100
Ba	135	**1.0000**	0.005	0.50	10	20	50	100
Ba	137	**1.0000**	0.009	0.50	10	20	50	100
Tb	159							
Tl	205	**1.0000**	0.032	0.20	10	20	50	100
Pb	208	**1.0000**	0.042	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:58:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1072890	1	Standard
⌊	**Be**	**9**	**48.226**	ug/L	0.502	1	4	311013	0	Standard
	C	**13**		ug/L			30456	29384	0	Standard
	Cl	**37**		ug/L			6901546	7479995	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1473478	2	Standard
⌈	**V**	**51**	**48.633**	ug/L	0.552	1	7633	1569021	1	Standard
⌊	**V-1**	**51**	**48.536**	ug/L	1.074	2	424	1576293	0	Standard
⌈	**Cr**	**52**	**49.338**	ug/L	0.389	0	22604	1381272	2	Standard
⌊	**Cr**	**53**	**49.001**	ug/L	1.386	2	248	158409	1	Standard
⌈	**Fe**	**54**	**4857.425**	ug/L	74.026	1	109957	15333292	2	Standard
⌊	**Fe**	**57**	**4774.752**	ug/L	59.166	1	21890	5639694	1	Standard
⌊	**Mn**	**55**	**49.132**	ug/L	0.552	1	1100	2053956	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	96352	2	KED
⌈	**Co**	**59**	**50.876**	ug/L	1.185	2	8	291895	1	KED
⌊	**Ni**	**60**	**49.873**	ug/L	0.853	1	63	82858	1	KED
⌈	**Ni**	**62**	**49.189**	ug/L	1.350	2	15	13368	1	KED
⌈	**Cu**	**63**	**49.964**	ug/L	0.680	1	220	242964	0	KED
⌊	**Cu**	**65**	**50.328**	ug/L	1.074	2	102	121621	2	KED
⌈	**Zn**	**66**	**48.832**	ug/L	0.489	1	217	33670	1	KED
⌊	**Zn**	**67**	**48.605**	ug/L	1.547	3	33	5553	4	KED
⌈	**As**	**75**	**48.502**	ug/L	0.478	0	4	16789	1	KED
⌊	**Se**	**78**	**76.470**	ug/L	0.480	0	14	2956	1	KED
	Y	**89**		ug/L			787121	742654	1	Standard
	Kr	**83**		ug/L			329	323	6	Standard
⌈>	**In-1**	**115**		ug/L			30151	28338	0	KED
⌈	**Mo**	**98**	**47.190**	ug/L	0.729	1	4	88158	1	KED
⌈	**Cd**	**111**	**47.876**	ug/L	0.617	1	3	20278	1	KED
⌊	**Cd**	**114**	**47.920**	ug/L	0.405	0	4	52567	1	KED
⌈>	**In**	**115**		ug/L			1531029	1430901	3	Standard
⌈	**Ag**	**107**	**49.725**	ug/L	1.189	2	86	852929	1	Standard
⌈	**Sb**	**121**	**49.360**	ug/L	1.167	2	67	1049809	1	Standard
⌊	**Sb**	**123**	**50.664**	ug/L	1.561	3	51	823654	1	Standard
⌈	**Ba**	**135**	**49.919**	ug/L	1.468	2	44	374891	1	Standard
⌊	**Ba**	**137**	**49.778**	ug/L	1.755	3	73	660270	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2928753	0	Standard
⌈	**Tl**	**205**	**49.957**	ug/L	0.715	1	83	4708389	1	Standard
⌊	**Pb**	**208**	**49.274**	ug/L	0.588	1	1932	6078316	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:06:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1071233	2	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	65	4	15	48	Standard
	C	**13**		ug/L			30456	28631	1	Standard
	Cl	**37**		ug/L			6901546	7069271	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1443400	2	Standard
⌈	**V**	**51**	**0.006**	ug/L	0.004	72	7633	7408	0	Standard
⌊	**V-1**	**51**	**-0.002**	ug/L	0.000	13	424	324	2	Standard
⌈	**Cr**	**52**	**0.015**	ug/L	0.015	101	22604	21788	0	Standard
⌊	**Cr**	**53**	**-0.012**	ug/L	0.002	16	248	196	2	Standard
⌈	**Fe**	**54**	**-0.111**	ug/L	0.199	180	109957	103714	2	Standard
⌊	**Fe**	**57**	**2.145**	ug/L	0.186	8	21890	23188	2	Standard
⌊	**Mn**	**55**	**-0.006**	ug/L	0.001	9	1100	794	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	96493	1	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	52	8	4	49	KED
⌊	**Ni**	**60**	**-0.010**	ug/L	0.009	85	63	43	34	KED
⌈	**Ni**	**62**	**-0.016**	ug/L	0.020	120	15	10	50	KED
⌈	**Cu**	**63**	**-0.005**	ug/L	0.004	87	220	189	11	KED
⌊	**Cu**	**65**	**-0.001**	ug/L	0.003	220	102	95	8	KED
⌈	**Zn**	**66**	**-0.154**	ug/L	0.016	10	217	103	10	KED
⌊	**Zn**	**67**	**-0.083**	ug/L	0.069	83	33	22	34	KED
⌈	**As**	**75**	**0.007**	ug/L	0.003	38	4	6	12	KED
⌊	**Se**	**78**	**0.024**	ug/L	0.122	501	14	15	30	KED
	Y	**89**		ug/L			787121	746918	2	Standard
	Kr	**83**		ug/L			329	339	8	Standard
⌈>	**In-1**	**115**		ug/L			30151	26800	3	KED
⌈	**Mo**	**98**	**0.009**	ug/L	0.006	67	4	20	54	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.005	319	3	2	78	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	150	4	3	35	KED
⌈>	**In**	**115**		ug/L			1531029	1456793	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	92	86	110	22	Standard
⌈	**Sb**	**121**	**0.021**	ug/L	0.001	3	67	514	2	Standard
⌊	**Sb**	**123**	**0.022**	ug/L	0.003	11	51	421	9	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	86	44	37	10	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.000	25	73	53	7	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2846331	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	3	83	307	4	Standard
⌊	**Pb**	**208**	**-0.009**	ug/L	0.000	2	1932	824	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:21:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1067583	1	Standard
⌊	**Be**	**9**	**50.211**	ug/L	0.603	1	4	322215	0	Standard
	C	**13**		ug/L			30456	28347	0	Standard
	Cl	**37**		ug/L			6901546	7473341	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1450081	2	Standard
⌈	**V**	**51**	**49.857**	ug/L	1.014	2	7633	1582461	0	Standard
⌊	**V-1**	**51**	**49.999**	ug/L	0.920	1	424	1597947	0	Standard
⌈	**Cr**	**52**	**50.452**	ug/L	1.015	2	22604	1388999	0	Standard
⌊	**Cr**	**53**	**50.888**	ug/L	0.666	1	248	161909	1	Standard
⌈	**Fe**	**54**	**5020.646**	ug/L	129.599	2	109957	15586037	0	Standard
⌊	**Fe**	**57**	**4939.096**	ug/L	135.448	2	21890	5738350	0	Standard
⌊	**Mn**	**55**	**50.530**	ug/L	0.600	1	1100	2078583	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	97083	1	KED
⌈	**Co**	**59**	**50.923**	ug/L	0.865	1	8	294442	1	KED
⌊	**Ni**	**60**	**51.053**	ug/L	0.539	1	63	85475	1	KED
⌈	**Ni**	**62**	**51.004**	ug/L	0.865	1	15	13971	2	KED
⌈	**Cu**	**63**	**51.212**	ug/L	0.489	0	220	250951	1	KED
⌊	**Cu**	**65**	**51.321**	ug/L	0.936	1	102	124971	2	KED
⌈	**Zn**	**66**	**51.469**	ug/L	0.280	0	217	35751	1	KED
⌊	**Zn**	**67**	**51.242**	ug/L	1.899	3	33	5898	5	KED
⌈	**As**	**75**	**50.049**	ug/L	0.295	0	4	17458	2	KED
⌊	**Se**	**78**	**50.260**	ug/L	1.342	2	14	1962	2	KED
	Y	**89**		ug/L			787121	745349	2	Standard
	Kr	**83**		ug/L			329	344	8	Standard
⌈>	**In-1**	**115**		ug/L			30151	28497	1	KED
⌈	**Mo**	**98**	**48.062**	ug/L	0.902	1	4	90273	0	KED
⌈	**Cd**	**111**	**49.370**	ug/L	1.167	2	3	21024	1	KED
⌊	**Cd**	**114**	**49.024**	ug/L	0.999	2	4	54068	1	KED
⌈>	**In**	**115**		ug/L			1531029	1462870	1	Standard
⌈	**Ag**	**107**	**51.150**	ug/L	1.196	2	86	897223	1	Standard
⌈	**Sb**	**121**	**49.114**	ug/L	0.362	0	67	1068387	1	Standard
⌊	**Sb**	**123**	**50.240**	ug/L	0.588	1	51	835412	0	Standard
⌈	**Ba**	**135**	**50.273**	ug/L	0.552	1	44	386157	0	Standard
⌊	**Ba**	**137**	**49.872**	ug/L	0.617	1	73	676720	0	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2907364	0	Standard
⌈	**Tl**	**205**	**50.947**	ug/L	0.402	0	83	4766898	1	Standard
⌊	**Pb**	**208**	**50.331**	ug/L	0.288	0	1932	6163359	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:29:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1088197	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	58	4	7	25	Standard
	C	**13**		ug/L			30456	28084	0	Standard
	Cl	**37**		ug/L			6901546	7083003	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1456864	0	Standard
⌈	**V**	**51**	**0.002**	ug/L	0.002	81	7633	7367	0	Standard
⌊	**V-1**	**51**	**-0.003**	ug/L	0.000	15	424	321	3	Standard
⌈	**Cr**	**52**	**0.007**	ug/L	0.006	76	22604	21792	0	Standard
⌊	**Cr**	**53**	**-0.009**	ug/L	0.001	7	248	209	1	Standard
⌈	**Fe**	**54**	**-0.240**	ug/L	0.515	214	109957	104276	1	Standard
⌊	**Fe**	**57**	**2.282**	ug/L	0.236	10	21890	23563	1	Standard
⌊	**Mn**	**55**	**-0.006**	ug/L	0.001	16	1100	795	5	Standard
⌈>	**Ge**	**72**		ug/L			100487	97542	0	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	36	8	2	86	KED
⌊	**Ni**	**60**	**-0.016**	ug/L	0.003	18	63	34	14	KED
⌈	**Ni**	**62**	**-0.024**	ug/L	0.008	33	15	8	24	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.006	617	220	219	12	KED
⌊	**Cu**	**65**	**0.002**	ug/L	0.005	269	102	104	12	KED
⌈	**Zn**	**66**	**-0.152**	ug/L	0.004	2	217	106	2	KED
⌊	**Zn**	**67**	**-0.102**	ug/L	0.067	65	33	20	37	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.004	782	4	4	35	KED
⌊	**Se**	**78**	**-0.070**	ug/L	0.052	74	14	11	17	KED
	Y	**89**		ug/L			787121	744028	1	Standard
	Kr	**83**		ug/L			329	319	16	Standard
⌈>	**In-1**	**115**		ug/L			30151	27544	3	KED
⌈	**Mo**	**98**	**0.009**	ug/L	0.006	73	4	19	54	KED
⌈	**Cd**	**111**	**0.006**	ug/L	0.005	81	3	5	33	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.004	1993	4	3	106	KED
⌈>	**In**	**115**		ug/L			1531029	1456543	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	29	86	120	10	Standard
⌈	**Sb**	**121**	**0.055**	ug/L	0.001	2	67	1262	3	Standard
⌊	**Sb**	**123**	**0.059**	ug/L	0.004	7	51	1022	7	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	134	44	37	17	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	67	73	55	18	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2838771	2	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	7	83	325	7	Standard
⌊	**Pb**	**208**	**-0.009**	ug/L	0.000	5	1932	862	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:36:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1073119	2	Standard
⌊	**Be**	**9**	**0.210**	ug/L	0.011	5	4	1358	3	Standard
	C	**13**		ug/L			30456	35797	2	Standard
	Cl	**37**		ug/L			6901546	6997099	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1452669	0	Standard
⌈	**V**	**51**	**0.204**	ug/L	0.003	1	7633	13719	0	Standard
⌊	**V-1**	**51**	**0.194**	ug/L	0.003	1	424	6604	1	Standard
⌈	**Cr**	**52**	**0.525**	ug/L	0.010	1	22604	35781	0	Standard
⌊	**Cr**	**53**	**0.481**	ug/L	0.015	3	248	1768	3	Standard
⌈	**Fe**	**54**	**35.746**	ug/L	0.347	0	109957	215192	0	Standard
⌊	**Fe**	**57**	**38.360**	ug/L	0.083	0	21890	65353	0	Standard
⌊	**Mn**	**55**	**0.484**	ug/L	0.005	1	1100	20984	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	97676	0	KED
⌈	**Co**	**59**	**0.202**	ug/L	0.007	3	8	1185	3	KED
⌊	**Ni**	**60**	**0.472**	ug/L	0.031	6	63	857	6	KED
⌈	**Ni**	**62**	**0.398**	ug/L	0.058	14	15	125	12	KED
⌈	**Cu**	**63**	**0.469**	ug/L	0.024	5	220	2527	4	KED
⌊	**Cu**	**65**	**0.474**	ug/L	0.020	4	102	1260	4	KED
⌈	**Zn**	**66**	**5.924**	ug/L	0.068	1	217	4327	0	KED
⌊	**Zn**	**67**	**5.529**	ug/L	0.313	5	33	668	4	KED
⌈	**As**	**75**	**0.195**	ug/L	0.011	5	4	72	4	KED
⌊	**Se**	**78**	**0.586**	ug/L	0.065	11	14	37	6	KED
	Y	**89**		ug/L			787121	752968	0	Standard
	Kr	**83**		ug/L			329	307	5	Standard
⌈>	**In-1**	**115**		ug/L			30151	27886	1	KED
⌈	**Mo**	**98**	**0.172**	ug/L	0.007	4	4	321	5	KED
⌈	**Cd**	**111**	**0.085**	ug/L	0.014	16	3	38	15	KED
⌊	**Cd**	**114**	**0.117**	ug/L	0.003	2	4	130	1	KED
⌈>	**In**	**115**		ug/L			1531029	1476529	1	Standard
⌈	**Ag**	**107**	**0.194**	ug/L	0.003	1	86	3509	0	Standard
⌈	**Sb**	**121**	**0.202**	ug/L	0.005	2	67	4493	1	Standard
⌊	**Sb**	**123**	**0.205**	ug/L	0.008	3	51	3485	3	Standard
⌈	**Ba**	**135**	**0.473**	ug/L	0.018	3	44	3710	2	Standard
⌊	**Ba**	**137**	**0.462**	ug/L	0.012	2	73	6390	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2848206	1	Standard
⌈	**Tl**	**205**	**0.198**	ug/L	0.002	1	83	18270	0	Standard
⌊	**Pb**	**208**	**0.092**	ug/L	0.002	2	1932	12980	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:43:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1092677	3	Standard
[	**Be**	**9**	**0.002**	ug/L	0.001	46	4	18	33	Standard
	C	**13**		ug/L			30456	146759	1	Standard
	Cl	**37**		ug/L			6901546	15245417	3	Standard
[>	**Sc**	**45**		ug/L			1525311	1526216	1	Standard
[	**V**	**51**	**-0.011**	ug/L	0.033	316	7633	7297	16	Standard
[	**V-1**	**51**	**2.448**	ug/L	0.010	0	424	82761	1	Standard
[	**Cr**	**52**	**0.551**	ug/L	0.020	3	22604	38342	1	Standard
[	**Cr**	**53**	**8.438**	ug/L	0.125	1	248	28465	0	Standard
[	**Fe**	**54**	**20251.408**	ug/L	153.828	0	109957	65860645	1	Standard
[	**Fe**	**57**	**21143.509**	ug/L	312.479	1	21890	25792235	1	Standard
[	**Mn**	**55**	**0.064**	ug/L	0.002	3	1100	3887	0	Standard
[>	**Ge**	**72**		ug/L			100487	97411	1	KED
[	**Co**	**59**	**0.038**	ug/L	0.002	4	8	231	5	KED
[	**Ni**	**60**	**0.029**	ug/L	0.003	8	63	110	4	KED
[	**Ni**	**62**	**0.079**	ug/L	0.061	78	15	36	44	KED
[	**Cu**	**63**	**0.018**	ug/L	0.005	26	220	302	8	KED
[	**Cu**	**65**	**0.026**	ug/L	0.005	17	102	163	8	KED
[	**Zn**	**66**	**0.119**	ug/L	0.065	54	217	293	16	KED
[	**Zn**	**67**	**0.130**	ug/L	0.006	4	33	46	2	KED
[	**As**	**75**	**0.021**	ug/L	0.007	35	4	11	22	KED
[	**Se**	**78**	**0.031**	ug/L	0.033	106	14	15	9	KED
	Y	**89**		ug/L			787121	751337	1	Standard
	Kr	**83**		ug/L			329	402	4	Standard
[>	**In-1**	**115**		ug/L			30151	28309	1	KED
[	**Mo**	**98**	**395.488**	ug/L	5.950	1	4	737929	0	KED
[	**Cd**	**111**	**0.100**	ug/L	0.004	3	3	45	2	KED
[	**Cd**	**114**	**0.052**	ug/L	0.008	15	4	61	15	KED
[>	**In**	**115**		ug/L			1531029	1501934	3	Standard
[	**Ag**	**107**	**0.009**	ug/L	0.001	11	86	247	8	Standard
[	**Sb**	**121**	**0.014**	ug/L	0.002	10	67	385	11	Standard
[	**Sb**	**123**	**0.016**	ug/L	0.002	9	51	314	4	Standard
[	**Ba**	**135**	**0.037**	ug/L	0.004	11	44	335	9	Standard
[	**Ba**	**137**	**0.031**	ug/L	0.002	5	73	497	7	Standard
[>	**Tb**	**159**		ug/L			2910281	3029881	0	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	16	83	340	12	Standard
[	**Pb**	**208**	**0.000**	ug/L	0.000	74	1932	2058	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:47:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1093518	1	Standard
[	**Be**	**9**	**0.002**	ug/L	0.000	26	4	15	18	Standard
	C	**13**		ug/L			30456	138419	1	Standard
	Cl	**37**		ug/L			6901546	15322414	0	Standard
[>	**Sc**	**45**		ug/L			1525311	1500310	2	Standard
[	**V**	**51**	**-0.262**	ug/L	0.138	52	7633	-995	452	Standard
[	**V-1**	**51**	**2.584**	ug/L	0.021	0	424	85858	1	Standard
[	**Cr**	**52**	**20.491**	ug/L	0.136	0	22604	597132	2	Standard
[	**Cr**	**53**	**28.901**	ug/L	0.350	1	248	95251	0	Standard
[	**Fe**	**54**	**20416.427**	ug/L	484.942	2	109957	65256323	1	Standard
[	**Fe**	**57**	**21360.181**	ug/L	365.962	1	21890	25611526	0	Standard
[	**Mn**	**55**	**20.078**	ug/L	0.591	2	1100	855135	2	Standard
[>	**Ge**	**72**		ug/L			100487	97652	1	KED
[	**Co**	**59**	**20.852**	ug/L	0.159	0	8	121294	1	KED
[	**Ni**	**60**	**20.864**	ug/L	0.048	0	63	35172	1	KED
[	**Ni**	**62**	**20.210**	ug/L	0.342	1	15	5576	1	KED
[	**Cu**	**63**	**19.853**	ug/L	0.239	1	220	97981	0	KED
[	**Cu**	**65**	**20.420**	ug/L	0.155	0	102	50072	0	KED
[	**Zn**	**66**	**19.373**	ug/L	0.505	2	217	13665	2	KED
[	**Zn**	**67**	**18.309**	ug/L	0.320	1	33	2139	2	KED
[	**As**	**75**	**19.836**	ug/L	0.243	1	4	6961	0	KED
[	**Se**	**78**	**0.051**	ug/L	0.082	158	14	16	18	KED
	Y	**89**		ug/L			787121	739093	1	Standard
	Kr	**83**		ug/L			329	445	6	Standard
[>	**In-1**	**115**		ug/L			30151	27699	1	KED
[	**Mo**	**98**	**397.347**	ug/L	5.385	1	4	725434	0	KED
[	**Cd**	**111**	**19.248**	ug/L	0.204	1	3	7970	1	KED
[	**Cd**	**114**	**19.160**	ug/L	0.329	1	4	20542	0	KED
[>	**In**	**115**		ug/L			1531029	1523431	0	Standard
[	**Ag**	**107**	**18.640**	ug/L	0.281	1	86	340614	1	Standard
[	**Sb**	**121**	**0.010**	ug/L	0.001	5	67	301	4	Standard
[	**Sb**	**123**	**0.011**	ug/L	0.001	7	51	248	5	Standard
[	**Ba**	**135**	**0.035**	ug/L	0.003	8	44	325	8	Standard
[	**Ba**	**137**	**0.031**	ug/L	0.004	14	73	515	11	Standard
[>	**Tb**	**159**		ug/L			2910281	2971292	0	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	7	83	314	5	Standard
[	**Pb**	**208**	**0.000**	ug/L	0.001	178	1932	2028	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:57:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1054625	1	Standard
⌊	**Be**	**9**	**196.186**	ug/L	1.991	1	4	1243713	1	Standard
	C	**13**		ug/L			30456	32716	1	Standard
	Cl	**37**		ug/L			6901546	7696776	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1405142	0	Standard
⌈	**V**	**51**	**198.121**	ug/L	2.080	1	7633	6074860	1	Standard
⌊	**V-1**	**51**	**197.480**	ug/L	2.636	1	424	6116838	1	Standard
⌈	**Cr**	**52**	**199.898**	ug/L	1.374	0	22604	5272894	0	Standard
⌊	**Cr**	**53**	**197.773**	ug/L	3.156	1	248	609261	2	Standard
⌈	**Fe**	**54**	**20117.567**	ug/L	81.963	0	109957	60237958	0	Standard
⌊	**Fe**	**57**	**20742.742**	ug/L	15.971	0	21890	23298867	0	Standard
⌊	**Mn**	**55**	**195.999**	ug/L	2.728	1	1100	7810926	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	92962	1	KED
⌈	**Co**	**59**	**205.322**	ug/L	3.998	1	8	1136630	0	KED
⌊	**Ni**	**60**	**201.528**	ug/L	2.962	1	63	322881	1	KED
⌈	**Ni**	**62**	**199.720**	ug/L	3.568	1	15	52335	1	KED
⌈	**Cu**	**63**	**195.414**	ug/L	3.268	1	220	916276	1	KED
⌊	**Cu**	**65**	**197.742**	ug/L	2.922	1	102	460750	0	KED
⌈	**Zn**	**66**	**195.723**	ug/L	4.150	2	217	129588	0	KED
⌊	**Zn**	**67**	**193.591**	ug/L	0.649	0	33	21247	1	KED
⌈	**As**	**75**	**197.421**	ug/L	1.595	0	4	65922	0	KED
⌊	**Se**	**78**	**192.841**	ug/L	2.081	1	14	7172	2	KED
	Y	**89**		ug/L			787121	699271	0	Standard
	Kr	**83**		ug/L			329	402	5	Standard
⌈>	**In-1**	**115**		ug/L			30151	26589	2	KED
⌈	**Mo**	**98**	**195.900**	ug/L	1.284	0	4	343342	1	KED
⌈	**Cd**	**111**	**193.463**	ug/L	1.746	0	3	76869	1	KED
⌊	**Cd**	**114**	**191.020**	ug/L	3.749	1	4	196543	1	KED
⌈>	**In**	**115**		ug/L			1531029	1418486	0	Standard
⌈	**Ag**	**107**	**189.199**	ug/L	0.684	0	86	3218431	1	Standard
⌈	**Sb**	**121**	**193.721**	ug/L	2.300	1	67	4085930	1	Standard
⌊	**Sb**	**123**	**197.823**	ug/L	4.390	2	51	3189676	2	Standard
⌈	**Ba**	**135**	**195.233**	ug/L	1.796	0	44	1454047	0	Standard
⌊	**Ba**	**137**	**195.314**	ug/L	2.864	1	73	2569670	0	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2835733	1	Standard
⌈	**Tl**	**205**	**193.500**	ug/L	1.630	0	83	17657374	0	Standard
⌊	**Pb**	**208**	**192.058**	ug/L	2.042	1	1932	22933232	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:01:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1019542	2	Standard
⌊	**Be**	**9**	**294.503**	ug/L	8.591	2	4	1804058	0	Standard
	C	**13**		ug/L			30456	34307	1	Standard
	Cl	**37**		ug/L			6901546	7555971	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1354689	2	Standard
⌈	**V**	**51**	**298.180**	ug/L	3.403	1	7633	8809601	1	Standard
⌈	**V-1**	**51**	**299.222**	ug/L	2.846	0	424	8933694	1	Standard
⌈	**Cr**	**52**	**300.475**	ug/L	7.649	2	22604	7628451	0	Standard
⌈	**Cr**	**53**	**303.744**	ug/L	5.728	1	248	901699	0	Standard
⌈	**Fe**	**54**	**30538.251**	ug/L	981.683	3	109957	88068462	1	Standard
⌈	**Fe**	**57**	**31798.192**	ug/L	727.820	2	21890	34412266	0	Standard
⌊	**Mn**	**55**	**299.182**	ug/L	6.288	2	1100	11491581	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	89837	1	KED
⌈	**Co**	**59**	**309.820**	ug/L	3.250	1	8	1657734	1	KED
⌈	**Ni**	**60**	**300.756**	ug/L	3.794	1	63	465670	1	KED
⌈	**Ni**	**62**	**296.806**	ug/L	3.446	1	15	75163	1	KED
⌈	**Cu**	**63**	**289.515**	ug/L	4.324	1	220	1311851	1	KED
⌈	**Cu**	**65**	**294.629**	ug/L	3.418	1	102	663411	0	KED
⌈	**Zn**	**66**	**283.472**	ug/L	2.736	0	217	181318	0	KED
⌈	**Zn**	**67**	**281.336**	ug/L	3.236	1	33	29823	0	KED
⌈	**As**	**75**	**300.506**	ug/L	4.266	1	4	96964	0	KED
⌊	**Se**	**78**	**286.501**	ug/L	5.030	1	14	10289	0	KED
	Y	**89**		ug/L			787121	676595	1	Standard
	Kr	**83**		ug/L			329	471	7	Standard
⌈>	**In-1**	**115**		ug/L			30151	25144	0	KED
⌈	**Mo**	**98**	**303.321**	ug/L	4.209	1	4	502752	1	KED
⌈	**Cd**	**111**	**293.831**	ug/L	1.258	0	3	110415	0	KED
⌊	**Cd**	**114**	**293.853**	ug/L	1.797	0	4	285993	1	KED
⌈>	**In**	**115**		ug/L			1531029	1327834	2	Standard
⌈	**Ag**	**107**	**283.224**	ug/L	6.162	2	86	4508907	2	Standard
⌈	**Sb**	**121**	**291.991**	ug/L	10.299	3	67	5761786	1	Standard
⌈	**Sb**	**123**	**290.075**	ug/L	4.099	1	51	4377481	1	Standard
⌈	**Ba**	**135**	**310.954**	ug/L	7.138	2	44	2167228	0	Standard
⌊	**Ba**	**137**	**300.006**	ug/L	12.352	4	73	3692583	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2729259	2	Standard
⌈	**Tl**	**205**	**293.631**	ug/L	7.245	2	83	25781508	1	Standard
⌊	**Pb**	**208**	**291.044**	ug/L	4.766	1	1932	33441362	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:09:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1074153	3	Standard
⌊	**Be**	**9**	**0.003**	ug/L	0.001	35	4	25	26	Standard
	C	**13**		ug/L			30456	32591	1	Standard
	Cl	**37**		ug/L			6901546	7302753	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1411743	1	Standard
⌈	**V**	**51**	**0.015**	ug/L	0.010	67	7633	7537	3	Standard
⌊	**V-1**	**51**	**0.029**	ug/L	0.001	4	424	1289	2	Standard
⌈	**Cr**	**52**	**0.056**	ug/L	0.028	49	22604	22388	2	Standard
⌊	**Cr**	**53**	**0.097**	ug/L	0.004	3	248	532	3	Standard
⌈	**Fe**	**54**	**1.495**	ug/L	1.162	77	109957	106239	2	Standard
⌊	**Fe**	**57**	**1.390**	ug/L	0.689	49	21890	21821	2	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.002	421	1100	999	6	Standard
⌈>	**Ge**	**72**		ug/L			100487	94677	4	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	16	8	2	43	KED
⌊	**Ni**	**60**	**-0.011**	ug/L	0.002	13	63	41	7	KED
⌈	**Ni**	**62**	**-0.001**	ug/L	0.022	1509	15	14	41	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.003	110673	220	208	8	KED
⌊	**Cu**	**65**	**0.002**	ug/L	0.005	311	102	100	7	KED
⌈	**Zn**	**66**	**-0.119**	ug/L	0.053	44	217	124	25	KED
⌊	**Zn**	**67**	**-0.085**	ug/L	0.072	84	33	21	36	KED
⌈	**As**	**75**	**0.003**	ug/L	0.008	280	4	5	55	KED
⌊	**Se**	**78**	**0.058**	ug/L	0.025	43	14	16	2	KED
	Y	**89**		ug/L			787121	724410	0	Standard
	Kr	**83**		ug/L			329	333	3	Standard
⌈>	**In-1**	**115**		ug/L			30151	27232	1	KED
⌈	**Mo**	**98**	**0.029**	ug/L	0.002	6	4	56	7	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.011	194	3	5	81	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.004	105	4	7	50	KED
⌈>	**In**	**115**		ug/L			1531029	1432050	1	Standard
⌈	**Ag**	**107**	**0.007**	ug/L	0.000	6	86	202	3	Standard
⌈	**Sb**	**121**	**0.209**	ug/L	0.005	2	67	4506	1	Standard
⌊	**Sb**	**123**	**0.211**	ug/L	0.007	3	51	3476	2	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.001	73	44	56	18	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.001	42	73	105	13	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2788335	0	Standard
⌈	**Tl**	**205**	**0.015**	ug/L	0.000	2	83	1438	2	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	1	1932	1138	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:15:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1088851	2	Standard
⌊	**Be**	**9**	**0.004**	ug/L	0.001	17	4	27	14	Standard
	C	**13**		ug/L			30456	31918	1	Standard
	Cl	**37**		ug/L			6901546	7234676	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1398528	1	Standard
⌈	**V**	**51**	**0.015**	ug/L	0.004	24	7633	7457	2	Standard
⌊	**V-1**	**51**	**0.024**	ug/L	0.002	6	424	1122	5	Standard
⌈	**Cr**	**52**	**0.067**	ug/L	0.003	3	22604	22473	1	Standard
⌊	**Cr**	**53**	**0.093**	ug/L	0.007	7	248	513	3	Standard
⌈	**Fe**	**54**	**2.751**	ug/L	0.747	27	109957	108979	0	Standard
⌊	**Fe**	**57**	**4.663**	ug/L	0.425	9	21890	25276	1	Standard
⌊	**Mn**	**55**	**0.046**	ug/L	0.001	2	1100	2833	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	94685	0	KED
⌈	**Co**	**59**	**0.002**	ug/L	0.002	64	8	21	39	KED
⌊	**Ni**	**60**	**0.030**	ug/L	0.008	26	63	109	11	KED
⌈	**Ni**	**62**	**-0.013**	ug/L	0.013	96	15	11	28	KED
⌊	**Cu**	**63**	**0.087**	ug/L	0.012	14	220	623	8	KED
⌈	**Cu**	**65**	**0.066**	ug/L	0.012	17	102	254	10	KED
⌊	**Zn**	**66**	**0.543**	ug/L	0.041	7	217	570	4	KED
⌈	**Zn**	**67**	**0.501**	ug/L	0.097	19	33	86	12	KED
⌊	**As**	**75**	**0.002**	ug/L	0.002	70	4	4	11	KED
⌊	**Se**	**78**	**-0.083**	ug/L	0.069	82	14	10	23	KED
	Y	**89**		ug/L			787121	722668	1	Standard
	Kr	**83**		ug/L			329	295	7	Standard
⌈>	**In-1**	**115**		ug/L			30151	27192	1	KED
⌈	**Mo**	**98**	**0.009**	ug/L	0.004	42	4	20	33	KED
⌊	**Cd**	**111**	**0.007**	ug/L	0.004	53	3	6	24	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.006	274	4	5	96	KED
⌈>	**In**	**115**		ug/L			1531029	1459627	1	Standard
⌈	**Ag**	**107**	**0.003**	ug/L	0.002	44	86	141	17	Standard
⌊	**Sb**	**121**	**0.071**	ug/L	0.002	3	67	1611	4	Standard
⌈	**Sb**	**123**	**0.077**	ug/L	0.002	2	51	1319	0	Standard
⌊	**Ba**	**135**	**0.044**	ug/L	0.005	12	44	379	10	Standard
⌊	**Ba**	**137**	**0.045**	ug/L	0.005	12	73	680	11	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2786790	0	Standard
⌈	**Tl**	**205**	**0.008**	ug/L	0.000	6	83	787	6	Standard
⌊	**Pb**	**208**	**0.033**	ug/L	0.000	1	1932	5713	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:22:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1093157	0	Standard
	Be	**9**	**51.426**	ug/L	0.492	0	4	337938	0	Standard
	C	**13**		ug/L			30456	28399	1	Standard
	Cl	**37**		ug/L			6901546	7578331	0	Standard
>	**Sc**	**45**		ug/L			1525311	1439004	1	Standard
	V	**51**	**50.078**	ug/L	0.416	0	7633	1577957	1	Standard
	V-1	**51**	**50.314**	ug/L	0.440	0	424	1596310	1	Standard
	Cr	**52**	**50.836**	ug/L	0.446	0	22604	1389065	0	Standard
	Cr	**53**	**51.568**	ug/L	0.968	1	248	162833	1	Standard
	Fe	**54**	**5082.016**	ug/L	168.546	3	109957	15657553	2	Standard
	Fe	**57**	**5044.312**	ug/L	70.844	1	21890	5817423	0	Standard
	Mn	**55**	**51.379**	ug/L	0.877	1	1100	2097482	0	Standard
>	**Ge**	**72**		ug/L			100487	96130	1	KED
	Co	**59**	**50.208**	ug/L	0.500	0	8	287455	0	KED
	Ni	**60**	**50.091**	ug/L	0.375	0	63	83040	1	KED
	Ni	**62**	**50.136**	ug/L	0.547	1	15	13597	1	KED
	Cu	**63**	**50.430**	ug/L	0.389	0	220	244710	1	KED
	Cu	**65**	**50.818**	ug/L	0.475	0	102	122527	0	KED
	Zn	**66**	**50.880**	ug/L	0.736	1	217	34992	0	KED
	Zn	**67**	**50.981**	ug/L	0.827	1	33	5808	1	KED
	As	**75**	**49.746**	ug/L	0.165	0	4	17181	1	KED
	Se	**78**	**50.348**	ug/L	0.120	0	14	1946	1	KED
	Y	**89**		ug/L			787121	741693	0	Standard
	Kr	**83**		ug/L			329	344	5	Standard
>	**In-1**	**115**		ug/L			30151	27336	0	KED
	Mo	**98**	**49.118**	ug/L	0.632	1	4	88513	1	KED
	Cd	**111**	**50.011**	ug/L	0.296	0	3	20433	0	KED
	Cd	**114**	**49.992**	ug/L	0.181	0	4	52898	0	KED
>	**In**	**115**		ug/L			1531029	1447836	1	Standard
	Ag	**107**	**49.532**	ug/L	0.770	1	86	860031	1	Standard
	Sb	**121**	**49.802**	ug/L	0.750	1	67	1072173	1	Standard
	Sb	**123**	**50.300**	ug/L	1.265	2	51	827737	1	Standard
	Ba	**135**	**49.494**	ug/L	1.408	2	44	376217	1	Standard
	Ba	**137**	**48.992**	ug/L	0.844	1	73	657923	0	Standard
>	**Tb**	**159**		ug/L			2910281	2877320	0	Standard
	Tl	**205**	**50.155**	ug/L	0.382	0	83	4644002	0	Standard
	Pb	**208**	**50.217**	ug/L	0.131	0	1932	6086009	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:29:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1051344	1	Standard
⌊	**Be**	**9**	**0.003**	ug/L	0.001	47	4	22	39	Standard
	C	**13**		ug/L			30456	27889	0	Standard
	Cl	**37**		ug/L			6901546	7159933	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1375480	1	Standard
⌈	**V**	**51**	**0.009**	ug/L	0.006	64	7633	7155	2	Standard
⌊	**V-1**	**51**	**0.014**	ug/L	0.001	4	424	796	2	Standard
⌈	**Cr**	**52**	**0.026**	ug/L	0.018	68	22604	21059	1	Standard
⌊	**Cr**	**53**	**0.040**	ug/L	0.004	9	248	346	3	Standard
⌈	**Fe**	**54**	**0.872**	ug/L	0.736	84	109957	101680	0	Standard
⌊	**Fe**	**57**	**2.147**	ug/L	0.218	10	21890	22096	0	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.001	10	1100	810	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	93450	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	229	8	6	69	KED
⌊	**Ni**	**60**	**-0.006**	ug/L	0.006	107	63	49	20	KED
⌈	**Ni**	**62**	**-0.022**	ug/L	0.015	68	15	8	44	KED
⌈	**Cu**	**63**	**-0.001**	ug/L	0.001	72	220	199	2	KED
⌊	**Cu**	**65**	**-0.004**	ug/L	0.005	117	102	85	13	KED
⌈	**Zn**	**66**	**-0.131**	ug/L	0.035	26	217	115	19	KED
⌊	**Zn**	**67**	**-0.071**	ug/L	0.001	0	33	22	0	KED
⌈	**As**	**75**	**0.002**	ug/L	0.006	346	4	4	45	KED
⌊	**Se**	**78**	**-0.031**	ug/L	0.044	141	14	12	13	KED
	Y	**89**		ug/L			787121	698407	1	Standard
	Kr	**83**		ug/L			329	328	1	Standard
⌈>	**In-1**	**115**		ug/L			30151	26821	1	KED
⌈	**Mo**	**98**	**0.009**	ug/L	0.003	30	4	19	23	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.004	165	3	2	65	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	1173	4	3	93	KED
⌈>	**In**	**115**		ug/L			1531029	1415983	2	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	46	86	120	17	Standard
⌈	**Sb**	**121**	**0.078**	ug/L	0.002	2	67	1694	1	Standard
⌊	**Sb**	**123**	**0.075**	ug/L	0.005	7	51	1254	8	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	77	44	33	18	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	124	73	57	23	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2731516	1	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.000	9	83	485	6	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	5	1932	1073	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: F129-3 TEST
Sample Dil Factor: DEL
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:39:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	990721	1	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	69	4	15	50	Standard
	C	**13**		ug/L			30456	252874	1	Standard
	Cl	**37**		ug/L			6901546	6856267	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1316784	1	Standard
⌈	**V**	**51**	**0.168**	ug/L	0.004	2	7633	11406	1	Standard
⌊	**V-1**	**51**	**0.029**	ug/L	0.001	4	424	1214	4	Standard
⌈	**Cr**	**52**	**0.757**	ug/L	0.023	3	22604	38160	0	Standard
⌊	**Cr**	**53**	**0.290**	ug/L	0.017	5	248	1052	3	Standard
⌈	**Fe**	**54**	**82.764**	ug/L	1.534	1	109957	326762	1	Standard
⌊	**Fe**	**57**	**552.177**	ug/L	3.460	0	21890	599599	0	Standard
⌊	**Mn**	**55**	**859.479**	ug/L	9.599	1	1100	32097875	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	83446	1	KED
⌈	**Co**	**59**	**3.749**	ug/L	0.088	2	8	18641	2	KED
⌈	**Ni**	**60**	**4.085**	ug/L	0.034	0	63	5927	0	KED
⌊	**Ni**	**62**	**4.099**	ug/L	0.173	4	15	977	4	KED
⌈	**Cu**	**63**	**1.190**	ug/L	0.025	2	220	5191	2	KED
⌊	**Cu**	**65**	**1.225**	ug/L	0.012	1	102	2647	0	KED
⌈	**Zn**	**66**	**56.188**	ug/L	0.685	1	217	33531	1	KED
⌊	**Zn**	**67**	**51.524**	ug/L	0.144	0	33	5096	1	KED
⌈	**As**	**75**	**0.017**	ug/L	0.005	29	4	8	17	KED
⌊	**Se**	**78**	**0.195**	ug/L	0.042	21	14	18	7	KED
	Y	**89**		ug/L			787121	644247	2	Standard
	Kr	**83**		ug/L			329	316	4	Standard
⌈>	**In-1**	**115**		ug/L			30151	23855	1	KED
⌈	**Mo**	**98**	**0.030**	ug/L	0.013	42	4	51	37	KED
⌈	**Cd**	**111**	**0.083**	ug/L	0.019	23	3	32	22	KED
⌊	**Cd**	**114**	**0.074**	ug/L	0.020	27	4	72	26	KED
⌈>	**In**	**115**		ug/L			1531029	1406111	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	667	86	80	11	Standard
⌈	**Sb**	**121**	**0.028**	ug/L	0.001	4	67	657	4	Standard
⌊	**Sb**	**123**	**0.030**	ug/L	0.001	2	51	534	3	Standard
⌈	**Ba**	**135**	**7.037**	ug/L	0.048	0	44	51997	1	Standard
⌊	**Ba**	**137**	**6.808**	ug/L	0.004	0	73	88860	0	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2704547	0	Standard
⌈	**Tl**	**205**	**0.014**	ug/L	0.001	7	83	1255	6	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.000	5	1932	1335	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0290-02
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:47:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1039010	2	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	19	4	25	15	Standard
	C	**13**		ug/L			30456	38602	0	Standard
	Cl	**37**		ug/L			6901546	7154870	0	Standard
[>	**Sc**	**45**		ug/L			1525311	1464354	0	Standard
[	**V**	**51**	**0.020**	ug/L	0.005	26	7633	7963	1	Standard
[	**V-1**	**51**	**0.081**	ug/L	0.002	2	424	3032	1	Standard
[	**Cr**	**52**	**-0.032**	ug/L	0.015	46	22604	20816	2	Standard
[	**Cr**	**53**	**0.167**	ug/L	0.011	6	248	775	5	Standard
[	**Fe**	**54**	**3968.813**	ug/L	55.964	1	109957	12468979	1	Standard
[	**Fe**	**57**	**4057.696**	ug/L	96.806	2	21890	4766143	1	Standard
[	**Mn**	**55**	**178.663**	ug/L	3.122	1	1100	7419980	1	Standard
[>	**Ge**	**72**		ug/L			100487	95974	2	KED
[	**Co**	**59**	**0.212**	ug/L	0.008	3	8	1221	1	KED
[	**Ni**	**60**	**0.412**	ug/L	0.031	7	63	741	4	KED
[	**Ni**	**62**	**0.394**	ug/L	0.044	11	15	121	10	KED
[	**Cu**	**63**	**0.051**	ug/L	0.003	5	220	459	4	KED
[	**Cu**	**65**	**0.061**	ug/L	0.006	9	102	243	3	KED
[	**Zn**	**66**	**0.393**	ug/L	0.012	3	217	476	0	KED
[	**Zn**	**67**	**0.551**	ug/L	0.103	18	33	93	13	KED
[	**As**	**75**	**0.062**	ug/L	0.013	21	4	25	15	KED
[	**Se**	**78**	**-0.026**	ug/L	0.075	286	14	13	21	KED
	Y	**89**		ug/L			787121	727256	1	Standard
	Kr	**83**		ug/L			329	306	14	Standard
[>	**In-1**	**115**		ug/L			30151	26795	1	KED
[	**Mo**	**98**	**0.038**	ug/L	0.009	23	4	71	19	KED
[	**Cd**	**111**	**0.006**	ug/L	0.004	60	3	5	28	KED
[	**Cd**	**114**	**-0.000**	ug/L	0.004	771	4	3	114	KED
[>	**In**	**115**		ug/L			1531029	1573093	0	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.001	151	86	97	14	Standard
[	**Sb**	**121**	**0.026**	ug/L	0.001	4	67	671	3	Standard
[	**Sb**	**123**	**0.028**	ug/L	0.002	5	51	547	5	Standard
[	**Ba**	**135**	**1.654**	ug/L	0.023	1	44	13708	1	Standard
[	**Ba**	**137**	**1.616**	ug/L	0.027	1	73	23660	1	Standard
[>	**Tb**	**159**		ug/L			2910281	2906426	1	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	23	83	262	14	Standard
[	**Pb**	**208**	**0.006**	ug/L	0.000	5	1932	2641	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0255-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:54:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1107873	1118594	2	Standard
⌊	Be	9	0.007	ug/L	0.002	22	4	52	18	Standard
	C	13		ug/L			30456	134729	1	Standard
	Cl	37		ug/L			6901546	29008307	2	Standard
⌈>	Sc	45		ug/L			1525311	1472834	0	Standard
⌈	V	51	-0.017	ug/L	0.079	454	7633	6818	37	Standard
⌊	V-1	51	9.545	ug/L	0.025	0	424	310258	0	Standard
⌈	Cr	52	0.956	ug/L	0.045	4	22604	48154	2	Standard
⌊	Cr	53	31.677	ug/L	0.370	1	248	102479	1	Standard
⌈	Fe	54	169.648	ug/L	1.034	0	109957	637727	0	Standard
⌊	Fe	57	164.086	ug/L	2.437	1	21890	214149	1	Standard
⌊	Mn	55	143.157	ug/L	2.703	1	1100	5980260	1	Standard
⌈>	Ge	72		ug/L			100487	88409	0	KED
⌈	Co	59	0.387	ug/L	0.020	5	8	2047	5	KED
⌊	Ni	60	3.849	ug/L	0.041	1	63	5919	0	KED
⌈	Ni	62	4.472	ug/L	0.401	8	15	1127	8	KED
⌊	Cu	63	223.883	ug/L	2.132	0	220	998407	0	KED
⌈	Cu	65	225.888	ug/L	3.074	1	102	500580	0	KED
⌊	Zn	66	111.977	ug/L	1.479	1	217	70603	1	KED
⌈	Zn	67	103.290	ug/L	3.606	3	33	10792	2	KED
⌊	As	75	0.311	ug/L	0.022	6	4	102	7	KED
⌈	Se	78	0.382	ug/L	0.099	26	14	26	12	KED
	Y	89		ug/L			787121	707740	2	Standard
	Kr	83		ug/L			329	953	1	Standard
⌈>	In-1	115		ug/L			30151	24659	0	KED
⌈	Mo	98	2.374	ug/L	0.013	0	4	3862	0	KED
⌊	Cd	111	0.012	ug/L	0.008	68	3	7	41	KED
⌊	Cd	114	0.017	ug/L	0.008	48	4	19	39	KED
⌈>	In	115		ug/L			1531029	1270869	1	Standard
⌈	Ag	107	0.413	ug/L	0.004	0	86	6367	1	Standard
⌊	Sb	121	0.922	ug/L	0.008	0	67	17484	0	Standard
⌈	Sb	123	0.927	ug/L	0.012	1	51	13436	0	Standard
⌊	Ba	135	11.754	ug/L	0.292	2	44	78461	1	Standard
⌊	Ba	137	11.514	ug/L	0.359	3	73	135759	2	Standard
⌈>	Tb	159		ug/L			2910281	2761973	0	Standard
⌈	Tl	205	0.112	ug/L	0.001	1	83	10054	1	Standard
⌊	Pb	208	0.169	ug/L	0.003	1	1932	21490	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0277-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:05:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1124007	3	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.000	20	4	15	12	Standard
	C	**13**		ug/L			30456	50532	1	Standard
	Cl	**37**		ug/L			6901546	8138913	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1498833	1	Standard
⌈	**V**	**51**	**-0.514**	ug/L	0.092	17	7633	-9243	31	Standard
⌊	**V-1**	**51**	**0.227**	ug/L	0.002	1	424	7923	1	Standard
⌈	**Cr**	**52**	**69.345**	ug/L	1.625	2	22604	1965226	1	Standard
⌊	**Cr**	**53**	**69.225**	ug/L	1.837	2	248	227560	1	Standard
⌈	**Fe**	**54**	**369.054**	ug/L	5.236	1	109957	1284667	0	Standard
⌊	**Fe**	**57**	**381.606**	ug/L	6.372	1	21890	478247	0	Standard
⌊	**Mn**	**55**	**23.178**	ug/L	0.187	0	1100	986276	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	98149	0	KED
⌈	**Co**	**59**	**0.101**	ug/L	0.009	8	8	601	8	KED
⌊	**Ni**	**60**	**2.829**	ug/L	0.073	2	63	4847	3	KED
⌈	**Ni**	**62**	**2.811**	ug/L	0.101	3	15	793	3	KED
⌈	**Cu**	**63**	**2.856**	ug/L	0.058	2	220	14353	1	KED
⌊	**Cu**	**65**	**2.853**	ug/L	0.057	2	102	7117	2	KED
⌈	**Zn**	**66**	**91.443**	ug/L	1.116	1	217	64046	0	KED
⌊	**Zn**	**67**	**85.715**	ug/L	1.224	1	33	9949	0	KED
⌈	**As**	**75**	**0.119**	ug/L	0.007	5	4	46	5	KED
⌊	**Se**	**78**	**-0.051**	ug/L	0.045	87	14	12	13	KED
	Y	**89**		ug/L			787121	742764	1	Standard
	Kr	**83**		ug/L			329	298	10	Standard
⌈>	**In-1**	**115**		ug/L			30151	28193	1	KED
⌈	**Mo**	**98**	**0.433**	ug/L	0.027	6	4	809	7	KED
⌈	**Cd**	**111**	**0.093**	ug/L	0.009	9	3	42	7	KED
⌊	**Cd**	**114**	**0.098**	ug/L	0.016	15	4	111	17	KED
⌈>	**In**	**115**		ug/L			1531029	1514727	1	Standard
⌈	**Ag**	**107**	**0.023**	ug/L	0.002	10	86	502	9	Standard
⌈	**Sb**	**121**	**0.086**	ug/L	0.002	2	67	2009	3	Standard
⌊	**Sb**	**123**	**0.089**	ug/L	0.002	1	51	1587	2	Standard
⌈	**Ba**	**135**	**1.900**	ug/L	0.053	2	44	15151	1	Standard
⌊	**Ba**	**137**	**1.845**	ug/L	0.026	1	73	25999	0	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2920256	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	5	83	231	2	Standard
⌊	**Pb**	**208**	**0.301**	ug/L	0.005	1	1932	38927	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:13:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1128128	1	Standard
	Be	9	0.000	ug/L	0.000	118	4	6	41	Standard
	C	13		ug/L			30456	40894	0	Standard
	Cl	37		ug/L			6901546	8227163	1	Standard
>	Sc	45		ug/L			1525311	1420481	2	Standard
	V	51	0.016	ug/L	0.005	29	7633	7612	1	Standard
	V-1	51	0.058	ug/L	0.003	4	424	2220	3	Standard
	Cr	52	0.151	ug/L	0.014	9	22604	25053	0	Standard
	Cr	53	0.281	ug/L	0.020	6	248	1106	5	Standard
	Fe	54	1.409	ug/L	0.344	24	109957	106643	1	Standard
	Fe	57	0.991	ug/L	0.276	27	21890	21506	0	Standard
	Mn	55	0.357	ug/L	0.005	1	1100	15411	2	Standard
>	Ge	72		ug/L			100487	95390	1	KED
	Co	59	-0.001	ug/L	0.000	62	8	5	43	KED
	Ni	60	-0.005	ug/L	0.002	42	63	52	7	KED
	Ni	62	0.036	ug/L	0.015	42	15	24	15	KED
	Cu	63	0.002	ug/L	0.008	439	220	217	15	KED
	Cu	65	-0.006	ug/L	0.004	69	102	83	12	KED
	Zn	66	0.046	ug/L	0.033	72	217	237	8	KED
	Zn	67	0.044	ug/L	0.092	209	33	36	27	KED
	As	75	-0.002	ug/L	0.004	173	4	3	34	KED
	Se	78	-0.079	ug/L	0.063	79	14	11	22	KED
	Y	89		ug/L			787121	730245	1	Standard
	Kr	83		ug/L			329	308	2	Standard
>	In-1	115		ug/L			30151	27782	1	KED
	Mo	98	0.008	ug/L	0.003	33	4	18	25	KED
	Cd	111	0.001	ug/L	0.003	538	3	3	41	KED
	Cd	114	0.000	ug/L	0.002	11766	4	3	52	KED
>	In	115		ug/L			1531029	1511577	2	Standard
	Ag	107	0.012	ug/L	0.001	11	86	309	9	Standard
	Sb	121	0.015	ug/L	0.001	5	67	394	5	Standard
	Sb	123	0.016	ug/L	0.001	3	51	333	1	Standard
	Ba	135	0.003	ug/L	0.001	44	44	68	16	Standard
	Ba	137	0.002	ug/L	0.001	52	73	104	13	Standard
>	Tb	159		ug/L			2910281	2835021	2	Standard
	Tl	205	0.001	ug/L	0.000	12	83	155	7	Standard
	Pb	208	-0.011	ug/L	0.001	5	1932	600	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:17:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1091335	0	Standard
	Be	9	25.449	ug/L	0.303	1	4	166966	1	Standard
	C	13		ug/L			30456	44666	1	Standard
	Cl	37		ug/L			6901546	7975748	0	Standard
>	Sc	45		ug/L			1525311	1455040	0	Standard
	V	51	24.594	ug/L	0.498	2	7633	787242	1	Standard
	V-1	51	24.643	ug/L	0.516	2	424	790725	1	Standard
	Cr	52	25.260	ug/L	0.108	0	22604	708792	0	Standard
	Cr	53	25.394	ug/L	0.175	0	248	81207	0	Standard
	Fe	54	5209.119	ug/L	36.278	0	109957	16229472	0	Standard
	Fe	57	5173.993	ug/L	56.624	1	21890	6033570	0	Standard
	Mn	55	26.157	ug/L	0.402	1	1100	1080393	1	Standard
>	Ge	72		ug/L			100487	97535	1	KED
	Co	59	25.517	ug/L	0.401	1	8	148233	1	KED
	Ni	60	25.365	ug/L	0.150	0	63	42695	0	KED
	Ni	62	25.198	ug/L	0.317	1	15	6941	0	KED
	Cu	63	24.926	ug/L	0.167	0	220	122821	0	KED
	Cu	65	25.197	ug/L	0.114	0	102	61696	1	KED
	Zn	66	80.772	ug/L	0.717	0	217	56245	1	KED
	Zn	67	77.409	ug/L	1.229	1	33	8931	0	KED
	As	75	24.877	ug/L	0.068	0	4	8719	1	KED
	Se	78	80.296	ug/L	0.561	0	14	3141	1	KED
	Y	89		ug/L			787121	745182	0	Standard
	Kr	83		ug/L			329	328	10	Standard
>	In-1	115		ug/L			30151	27449	0	KED
	Mo	98	23.863	ug/L	0.341	1	4	43181	0	KED
	Cd	111	25.289	ug/L	0.417	1	3	10376	0	KED
	Cd	114	25.460	ug/L	0.515	2	4	27052	1	KED
>	In	115		ug/L			1531029	1497631	1	Standard
	Ag	107	25.122	ug/L	0.350	1	86	451252	1	Standard
	Sb	121	24.377	ug/L	0.091	0	67	542888	0	Standard
	Sb	123	24.802	ug/L	0.163	0	51	422279	1	Standard
	Ba	135	24.360	ug/L	0.353	1	44	191578	0	Standard
	Ba	137	23.847	ug/L	0.172	0	73	331323	0	Standard
>	Tb	159		ug/L			2910281	2909276	2	Standard
	Tl	205	25.649	ug/L	0.283	1	83	2401316	2	Standard
	Pb	208	24.734	ug/L	0.585	2	1932	3030983	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:24:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1107873	1082879	2	Standard
⌊	Be	9	0.001	ug/L	0.001	43	4	13	31	Standard
	C	13		ug/L			30456	37024	0	Standard
	Cl	37		ug/L			6901546	7595907	0	Standard
⌈>	Sc	45		ug/L			1525311	1403346	1	Standard
⌈	V	51	0.006	ug/L	0.005	88	7633	7199	3	Standard
⌊	V-1	51	0.028	ug/L	0.001	5	424	1251	1	Standard
⌈	Cr	52	0.108	ug/L	0.020	18	22604	23629	2	Standard
⌊	Cr	53	0.175	ug/L	0.014	7	248	767	3	Standard
⌈	Fe	54	-0.858	ug/L	0.531	61	109957	98589	1	Standard
⌊	Fe	57	-0.818	ug/L	0.084	10	21890	19223	1	Standard
⌊	Mn	55	0.207	ug/L	0.001	0	1100	9268	1	Standard
⌈>	Ge	72		ug/L			100487	96151	1	KED
⌈	Co	59	-0.001	ug/L	0.000	54	8	4	49	KED
⌊	Ni	60	0.056	ug/L	0.008	14	63	153	9	KED
⌈	Ni	62	0.096	ug/L	0.034	35	15	41	23	KED
⌊	Cu	63	-0.005	ug/L	0.004	83	220	187	10	KED
⌈	Cu	65	-0.004	ug/L	0.003	75	102	89	6	KED
⌊	Zn	66	-0.096	ug/L	0.030	31	217	142	14	KED
⌈	Zn	67	-0.026	ug/L	0.075	284	33	28	29	KED
⌊	As	75	0.000	ug/L	0.006	4529	4	4	50	KED
⌊	Se	78	-0.053	ug/L	0.058	110	14	12	19	KED
	Y	89		ug/L			787121	723574	3	Standard
	Kr	83		ug/L			329	311	10	Standard
⌈>	In-1	115		ug/L			30151	27236	1	KED
⌈	Mo	98	0.010	ug/L	0.002	21	4	22	16	KED
⌊	Cd	111	0.000	ug/L	0.007	7679	3	3	91	KED
⌊	Cd	114	-0.003	ug/L	0.002	66	4	0	250	KED
⌈>	In	115		ug/L			1531029	1484322	0	Standard
⌈	Ag	107	0.009	ug/L	0.001	6	86	243	3	Standard
⌈	Sb	121	0.029	ug/L	0.003	9	67	694	7	Standard
⌊	Sb	123	0.029	ug/L	0.002	5	51	536	5	Standard
⌈	Ba	135	0.001	ug/L	0.002	112	44	53	22	Standard
⌊	Ba	137	0.002	ug/L	0.000	17	73	97	4	Standard
⌈>	Tb	159		ug/L			2910281	2798587	0	Standard
⌈	Tl	205	0.001	ug/L	0.000	13	83	194	8	Standard
⌊	Pb	208	-0.011	ug/L	0.000	3	1932	507	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:29:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1087304	4	Standard
[	Be	9	25.499	ug/L	1.446	5	4	166416	2	Standard
	C	13		ug/L			30456	44330	0	Standard
	Cl	37		ug/L			6901546	7795868	1	Standard
[>	Sc	45		ug/L			1525311	1421324	1	Standard
[	V	51	25.113	ug/L	0.303	1	7633	785198	3	Standard
[	V-1	51	25.130	ug/L	0.235	0	424	787734	2	Standard
[	Cr	52	25.700	ug/L	0.369	1	22604	704191	3	Standard
[	Cr	53	25.732	ug/L	0.220	0	248	80384	2	Standard
[	Fe	54	5254.350	ug/L	60.421	1	109957	15988919	1	Standard
[	Fe	57	5232.067	ug/L	48.095	0	21890	5959891	2	Standard
[	Mn	55	26.274	ug/L	0.353	1	1100	1060200	2	Standard
[>	Ge	72		ug/L			100487	97852	1	KED
[	Co	59	25.207	ug/L	0.169	0	8	146912	0	KED
[	Ni	60	25.397	ug/L	0.306	1	63	42889	1	KED
[	Ni	62	24.855	ug/L	0.422	1	15	6870	2	KED
[	Cu	63	24.868	ug/L	0.344	1	220	122929	0	KED
[	Cu	65	25.309	ug/L	0.513	2	102	62160	1	KED
[	Zn	66	83.690	ug/L	1.086	1	217	58454	0	KED
[	Zn	67	78.688	ug/L	0.506	0	33	9108	0	KED
[	As	75	25.202	ug/L	0.283	1	4	8861	0	KED
[	Se	78	82.262	ug/L	1.393	1	14	3228	1	KED
	Y	89		ug/L			787121	731729	0	Standard
	Kr	83		ug/L			329	340	6	Standard
[>	In-1	115		ug/L			30151	26947	0	KED
[	Mo	98	0.011	ug/L	0.002	15	4	23	12	KED
[	Cd	111	25.847	ug/L	0.026	0	3	10412	0	KED
[	Cd	114	26.251	ug/L	0.362	1	4	27383	1	KED
[>	In	115		ug/L			1531029	1442319	1	Standard
[	Ag	107	25.468	ug/L	0.543	2	86	440498	1	Standard
[	Sb	121	0.048	ug/L	0.004	9	67	1098	8	Standard
[	Sb	123	0.051	ug/L	0.002	3	51	880	2	Standard
[	Ba	135	24.759	ug/L	0.535	2	44	187555	2	Standard
[	Ba	137	24.799	ug/L	0.390	1	73	331822	1	Standard
[>	Tb	159		ug/L			2910281	2885532	1	Standard
[	Tl	205	25.929	ug/L	0.263	1	83	2408059	2	Standard
[	Pb	208	24.662	ug/L	0.039	0	1932	2998311	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0288-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:33:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1146472	2	Standard
[	Be	9	0.001	ug/L	0.000	18	4	13	14	Standard
	C	13		ug/L			30456	54613	1	Standard
	Cl	37		ug/L			6901546	8062314	0	Standard
[>	Sc	45		ug/L			1525311	1513077	1	Standard
[	V	51	0.822	ug/L	0.013	1	7633	34686	0	Standard
[	V-1	51	0.836	ug/L	0.010	1	424	28305	1	Standard
[	Cr	52	0.480	ug/L	0.025	5	22604	36000	2	Standard
[	Cr	53	0.537	ug/L	0.021	3	248	2027	3	Standard
[	Fe	54	8.060	ug/L	0.575	7	109957	134996	0	Standard
[	Fe	57	62.004	ug/L	0.924	1	21890	96630	0	Standard
[	Mn	55	0.649	ug/L	0.019	2	1100	28932	0	Standard
[>	Ge	72		ug/L			100487	92995	0	KED
[	Co	59	0.048	ug/L	0.005	10	8	275	10	KED
[	Ni	60	1.992	ug/L	0.015	0	63	3250	0	KED
[	Ni	62	2.035	ug/L	0.077	3	15	547	3	KED
[	Cu	63	1.575	ug/L	0.026	1	220	7593	1	KED
[	Cu	65	1.639	ug/L	0.013	0	102	3915	0	KED
[	Zn	66	0.854	ug/L	0.068	7	217	766	5	KED
[	Zn	67	2.172	ug/L	0.377	17	33	268	15	KED
[	As	75	0.574	ug/L	0.008	1	4	195	1	KED
[	Se	78	0.113	ug/L	0.060	52	14	17	12	KED
	Y	89		ug/L			787121	732811	1	Standard
	Kr	83		ug/L			329	308	2	Standard
[>	In-1	115		ug/L			30151	26422	0	KED
[	Mo	98	3.880	ug/L	0.052	1	4	6761	0	KED
[	Cd	111	0.008	ug/L	0.009	121	3	6	59	KED
[	Cd	114	0.005	ug/L	0.003	63	4	9	37	KED
[>	In	115		ug/L			1531029	1437792	1	Standard
[	Ag	107	0.007	ug/L	0.001	18	86	202	10	Standard
[	Sb	121	1.020	ug/L	0.011	1	67	21864	1	Standard
[	Sb	123	1.032	ug/L	0.028	2	51	16909	2	Standard
[	Ba	135	20.597	ug/L	0.214	1	44	155520	0	Standard
[	Ba	137	20.410	ug/L	0.259	1	73	272235	0	Standard
[>	Tb	159		ug/L			2910281	2830866	1	Standard
[	Tl	205	0.008	ug/L	0.001	8	83	844	8	Standard
[	Pb	208	-0.009	ug/L	0.000	3	1932	812	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:41:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1156307	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	35	4	9	20	Standard
	C	**13**		ug/L			30456	34387	1	Standard
	Cl	**37**		ug/L			6901546	8228913	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1418593	2	Standard
⌈	**V**	**51**	**0.027**	ug/L	0.006	21	7633	7937	1	Standard
⌊	**V-1**	**51**	**0.017**	ug/L	0.002	8	424	934	3	Standard
⌈	**Cr**	**52**	**0.087**	ug/L	0.020	23	22604	23337	1	Standard
⌊	**Cr**	**53**	**0.053**	ug/L	0.004	7	248	397	1	Standard
⌈	**Fe**	**54**	**1.302**	ug/L	0.477	36	109957	106174	0	Standard
⌊	**Fe**	**57**	**1.518**	ug/L	0.362	23	21890	22074	0	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	22	1100	1069	3	Standard
⌈>	**Ge**	**72**		ug/L			100487	95164	1	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.001	87	8	5	57	KED
⌊	**Ni**	**60**	**-0.020**	ug/L	0.003	17	63	27	20	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.004	116	15	15	6	KED
⌈	**Cu**	**63**	**-0.015**	ug/L	0.005	31	220	136	15	KED
⌊	**Cu**	**65**	**-0.015**	ug/L	0.005	31	102	62	18	KED
⌈	**Zn**	**66**	**-0.165**	ug/L	0.005	3	217	94	3	KED
⌊	**Zn**	**67**	**-0.137**	ug/L	0.052	38	33	15	36	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.002	755	4	4	13	KED
⌊	**Se**	**78**	**0.059**	ug/L	0.074	124	14	16	17	KED
	Y	**89**		ug/L			787121	712763	0	Standard
	Kr	**83**		ug/L			329	280	4	Standard
⌈>	**In-1**	**115**		ug/L			30151	26721	0	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.002	95	4	7	39	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.006	606	3	3	68	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	1309	4	3	89	KED
⌈>	**In**	**115**		ug/L			1531029	1409057	1	Standard
⌈	**Ag**	**107**	**0.005**	ug/L	0.001	24	86	158	10	Standard
⌈	**Sb**	**121**	**0.004**	ug/L	0.001	17	67	135	9	Standard
⌊	**Sb**	**123**	**0.004**	ug/L	0.001	18	51	108	11	Standard
⌈	**Ba**	**135**	**0.010**	ug/L	0.001	8	44	114	5	Standard
⌊	**Ba**	**137**	**0.012**	ug/L	0.000	1	73	231	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2745061	2	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	12	83	109	5	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	1	1932	1013	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:46:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1106279	2	Standard
	Be	**9**	**50.525**	ug/L	1.517	3	4	335873	1	Standard
	C	**13**		ug/L			30456	28162	0	Standard
	Cl	**37**		ug/L			6901546	8024459	0	Standard
>	**Sc**	**45**		ug/L			1525311	1419541	2	Standard
	V	**51**	**49.606**	ug/L	0.787	1	7633	1541591	0	Standard
	V-1	**51**	**49.569**	ug/L	0.880	1	424	1550955	0	Standard
	Cr	**52**	**50.628**	ug/L	0.651	1	22604	1364608	0	Standard
	Cr	**53**	**50.470**	ug/L	0.940	1	248	157195	0	Standard
	Fe	**54**	**5093.023**	ug/L	78.025	1	109957	15479874	1	Standard
	Fe	**57**	**5082.943**	ug/L	72.343	1	21890	5782005	0	Standard
	Mn	**55**	**52.193**	ug/L	0.943	1	1100	2101923	2	Standard
>	**Ge**	**72**		ug/L			100487	96163	0	KED
	Co	**59**	**49.512**	ug/L	0.712	1	8	283587	1	KED
	Ni	**60**	**49.338**	ug/L	0.220	0	63	81824	0	KED
	Ni	**62**	**48.872**	ug/L	0.434	0	15	13260	0	KED
	Cu	**63**	**49.448**	ug/L	0.583	1	220	240027	1	KED
	Cu	**65**	**49.869**	ug/L	0.985	1	102	120282	1	KED
	Zn	**66**	**50.528**	ug/L	0.764	1	217	34768	1	KED
	Zn	**67**	**51.039**	ug/L	1.801	3	33	5817	3	KED
	As	**75**	**49.285**	ug/L	0.532	1	4	17027	0	KED
	Se	**78**	**49.320**	ug/L	0.874	1	14	1908	1	KED
	Y	**89**		ug/L			787121	731468	2	Standard
	Kr	**83**		ug/L			329	308	7	Standard
>	**In-1**	**115**		ug/L			30151	26801	1	KED
	Mo	**98**	**48.600**	ug/L	0.389	0	4	85869	1	KED
	Cd	**111**	**49.222**	ug/L	0.399	0	3	19718	1	KED
	Cd	**114**	**50.228**	ug/L	0.788	1	4	52100	0	KED
>	**In**	**115**		ug/L			1531029	1424502	1	Standard
	Ag	**107**	**51.915**	ug/L	0.693	1	86	887057	3	Standard
	Sb	**121**	**49.918**	ug/L	1.553	3	67	1057036	1	Standard
	Sb	**123**	**50.234**	ug/L	1.037	2	51	813278	0	Standard
	Ba	**135**	**49.876**	ug/L	0.927	1	44	373014	0	Standard
	Ba	**137**	**49.137**	ug/L	1.594	3	73	649076	1	Standard
>	**Tb**	**159**		ug/L			2910281	2860048	1	Standard
	Tl	**205**	**50.437**	ug/L	0.534	1	83	4642107	1	Standard
	Pb	**208**	**49.892**	ug/L	0.237	0	1932	6010268	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:54:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1114713	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	57	4	12	36	Standard
	C	**13**		ug/L			30456	26841	1	Standard
	Cl	**37**		ug/L			6901546	7740012	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1396316	2	Standard
⌈	**V**	**51**	**-0.001**	ug/L	0.005	320	7633	6940	1	Standard
⌊	**V-1**	**51**	**0.008**	ug/L	0.001	9	424	628	3	Standard
⌈	**Cr**	**52**	**-0.007**	ug/L	0.016	222	22604	20497	1	Standard
⌊	**Cr**	**53**	**0.023**	ug/L	0.005	21	248	297	5	Standard
⌈	**Fe**	**54**	**0.728**	ug/L	0.657	90	109957	102784	1	Standard
⌊	**Fe**	**57**	**-1.062**	ug/L	0.544	51	21890	18845	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	18	1100	1056	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	92994	2	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	14	8	0	173	KED
⌊	**Ni**	**60**	**-0.007**	ug/L	0.006	89	63	48	19	KED
⌈	**Ni**	**62**	**0.005**	ug/L	0.019	404	15	15	30	KED
⌈	**Cu**	**63**	**-0.004**	ug/L	0.009	244	220	186	21	KED
⌊	**Cu**	**65**	**0.007**	ug/L	0.005	71	102	111	12	KED
⌈	**Zn**	**66**	**-0.102**	ug/L	0.016	15	217	133	7	KED
⌊	**Zn**	**67**	**-0.089**	ug/L	0.057	64	33	20	32	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.003	278	4	3	25	KED
⌊	**Se**	**78**	**-0.038**	ug/L	0.077	202	14	12	21	KED
	Y	**89**		ug/L			787121	714194	1	Standard
	Kr	**83**		ug/L			329	336	6	Standard
⌈>	**In-1**	**115**		ug/L			30151	26841	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.002	48	4	10	30	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.001	835	3	3	17	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	249	4	4	57	KED
⌈>	**In**	**115**		ug/L			1531029	1402724	3	Standard
⌈	**Ag**	**107**	**0.005**	ug/L	0.001	23	86	156	8	Standard
⌈	**Sb**	**121**	**0.054**	ug/L	0.004	7	67	1199	10	Standard
⌊	**Sb**	**123**	**0.058**	ug/L	0.001	2	51	977	3	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.000	117	44	38	2	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	380	73	70	18	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2760518	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	19	83	273	14	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	3	1932	1076	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:01:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1107873	1114546	2	Standard
Be	9	0.000	ug/L	0.001	258	4	6	75	Standard
C	13		ug/L			30456	35434	1	Standard
Cl	37		ug/L			6901546	7689645	1	Standard
Sc	45		ug/L			1525311	1365559	0	Standard
V	51	0.010	ug/L	0.004	40	7633	7139	2	Standard
V-1	51	0.013	ug/L	0.001	4	424	770	2	Standard
Cr	52	0.062	ug/L	0.010	16	22604	21809	1	Standard
Cr	53	0.069	ug/L	0.002	3	248	427	1	Standard
Fe	54	-4.291	ug/L	0.449	10	109957	85974	1	Standard
Fe	57	-0.749	ug/L	0.457	60	21890	18779	2	Standard
Mn	55	0.012	ug/L	0.001	4	1100	1465	0	Standard
Ge	72		ug/L			100487	93777	2	KED
Co	59	-0.001	ug/L	0.001	51	8	2	114	KED
Ni	60	-0.024	ug/L	0.005	22	63	19	43	KED
Ni	62	-0.010	ug/L	0.022	212	15	12	48	KED
Cu	63	0.001	ug/L	0.003	197	220	212	5	KED
Cu	65	0.004	ug/L	0.005	115	102	106	12	KED
Zn	66	0.235	ug/L	0.020	8	217	360	5	KED
Zn	67	0.319	ug/L	0.087	27	33	66	13	KED
As	75	-0.002	ug/L	0.004	220	4	3	41	KED
Se	78	0.019	ug/L	0.061	316	14	14	17	KED
Y	89		ug/L			787121	705911	1	Standard
Kr	83		ug/L			329	300	6	Standard
In-1	115		ug/L			30151	27006	1	KED
Mo	98	0.005	ug/L	0.001	27	4	12	17	KED
Cd	111	-0.002	ug/L	0.005	225	3	2	89	KED
Cd	114	-0.002	ug/L	0.002	76	4	1	124	KED
In	115		ug/L			1531029	1454269	1	Standard
Ag	107	0.005	ug/L	0.000	9	86	162	3	Standard
Sb	121	0.054	ug/L	0.002	2	67	1234	3	Standard
Sb	123	0.053	ug/L	0.001	0	51	933	1	Standard
Ba	135	0.000	ug/L	0.001	828	44	43	18	Standard
Ba	137	0.001	ug/L	0.001	243	73	78	25	Standard
Tb	159		ug/L			2910281	2772248	1	Standard
Tl	205	0.001	ug/L	0.000	18	83	176	10	Standard
Pb	208	-0.011	ug/L	0.000	1	1932	556	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:06:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1096921	2	Standard
	Be	9	24.949	ug/L	1.087	4	4	164408	2	Standard
	C	13		ug/L			30456	37679	1	Standard
	Cl	37		ug/L			6901546	7713264	0	Standard
>	Sc	45		ug/L			1525311	1374212	0	Standard
	V	51	24.618	ug/L	0.072	0	7633	744236	0	Standard
	V-1	51	24.553	ug/L	0.062	0	424	744072	0	Standard
	Cr	52	25.633	ug/L	0.087	0	22604	679019	0	Standard
	Cr	53	25.387	ug/L	0.056	0	248	76676	0	Standard
	Fe	54	-3.353	ug/L	0.355	10	109957	89261	1	Standard
	Fe	57	-1.281	ug/L	0.299	23	21890	18316	1	Standard
	Mn	55	26.026	ug/L	0.361	1	1100	1015286	1	Standard
>	Ge	72		ug/L			100487	96631	1	KED
	Co	59	24.512	ug/L	0.194	0	8	141076	0	KED
	Ni	60	24.814	ug/L	0.132	0	63	41381	1	KED
	Ni	62	24.488	ug/L	0.465	1	15	6683	1	KED
	Cu	63	25.018	ug/L	0.331	1	220	122119	0	KED
	Cu	65	25.250	ug/L	0.729	2	102	61237	1	KED
	Zn	66	84.969	ug/L	1.409	1	217	58612	2	KED
	Zn	67	80.032	ug/L	2.497	3	33	9147	2	KED
	As	75	24.811	ug/L	0.212	0	4	8615	1	KED
	Se	78	82.490	ug/L	0.994	1	14	3197	2	KED
	Y	89		ug/L			787121	721954	0	Standard
	Kr	83		ug/L			329	312	3	Standard
>	In-1	115		ug/L			30151	26917	1	KED
	Mo	98	22.514	ug/L	0.594	2	4	39939	1	KED
	Cd	111	25.658	ug/L	0.560	2	3	10321	0	KED
	Cd	114	26.090	ug/L	0.414	1	4	27179	0	KED
>	In	115		ug/L			1531029	1463947	1	Standard
	Ag	107	25.526	ug/L	0.245	0	86	448165	0	Standard
	Sb	121	23.554	ug/L	0.437	1	67	512701	0	Standard
	Sb	123	23.948	ug/L	0.268	1	51	398547	1	Standard
	Ba	135	23.877	ug/L	0.252	1	44	183572	1	Standard
	Ba	137	23.205	ug/L	0.309	1	73	315139	0	Standard
>	Tb	159		ug/L			2910281	2779342	0	Standard
	Tl	205	26.023	ug/L	0.226	0	83	2327559	0	Standard
	Pb	208	25.080	ug/L	0.057	0	1932	2936967	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:10:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1094525	2	Standard
[	Be	9	0.002	ug/L	0.001	39	4	14	27	Standard
	C	13		ug/L			30456	35154	2	Standard
	Cl	37		ug/L			6901546	7677888	0	Standard
[>	Sc	45		ug/L			1525311	1374071	1	Standard
[	V	51	0.011	ug/L	0.003	31	7633	7195	1	Standard
[	V-1	51	0.016	ug/L	0.001	4	424	870	3	Standard
[	Cr	52	0.117	ug/L	0.010	8	22604	23357	1	Standard
[	Cr	53	0.130	ug/L	0.003	2	248	616	2	Standard
[	Fe	54	1.181	ug/L	0.459	38	109957	102499	1	Standard
[	Fe	57	-0.964	ug/L	0.136	14	21890	18663	2	Standard
[	Mn	55	0.163	ug/L	0.004	2	1100	7352	1	Standard
[>	Ge	72		ug/L			100487	94298	1	KED
[	Co	59	0.001	ug/L	0.001	181	8	12	55	KED
[	Ni	60	-0.005	ug/L	0.007	126	63	50	21	KED
[	Ni	62	-0.011	ug/L	0.029	265	15	12	63	KED
[	Cu	63	0.001	ug/L	0.004	330	220	213	9	KED
[	Cu	65	0.001	ug/L	0.008	924	102	98	17	KED
[	Zn	66	0.017	ug/L	0.049	287	217	215	15	KED
[	Zn	67	0.001	ug/L	0.095	7082	33	31	33	KED
[	As	75	0.003	ug/L	0.004	119	4	5	24	KED
[	Se	78	-0.027	ug/L	0.112	409	14	12	33	KED
	Y	89		ug/L			787121	703938	0	Standard
	Kr	83		ug/L			329	290	4	Standard
[>	In-1	115		ug/L			30151	26838	1	KED
[	Mo	98	0.007	ug/L	0.003	41	4	16	28	KED
[	Cd	111	0.000	ug/L	0.001	827	3	3	17	KED
[	Cd	114	-0.002	ug/L	0.002	78	4	1	126	KED
[>	In	115		ug/L			1531029	1436898	0	Standard
[	Ag	107	0.006	ug/L	0.001	12	86	189	6	Standard
[	Sb	121	0.027	ug/L	0.002	7	67	643	6	Standard
[	Sb	123	0.027	ug/L	0.000	0	51	495	0	Standard
[	Ba	135	-0.001	ug/L	0.001	152	44	37	17	Standard
[	Ba	137	-0.001	ug/L	0.001	85	73	52	26	Standard
[>	Tb	159		ug/L			2910281	2782927	1	Standard
[	Tl	205	0.002	ug/L	0.000	5	83	254	3	Standard
[	Pb	208	-0.012	ug/L	0.000	2	1932	489	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:15:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1093435	1	Standard
[	Be	9	25.176	ug/L	0.188	0	4	165492	1	Standard
	C	13		ug/L			30456	36425	0	Standard
	Cl	37		ug/L			6901546	7837037	1	Standard
[>	Sc	45		ug/L			1525311	1392922	1	Standard
[	V	51	24.582	ug/L	0.456	1	7633	753195	1	Standard
[	V-1	51	24.635	ug/L	0.468	1	424	756659	2	Standard
[	Cr	52	25.243	ug/L	0.207	0	22604	678085	1	Standard
[	Cr	53	25.389	ug/L	0.326	1	248	77731	2	Standard
[	Fe	54	0.989	ug/L	0.808	81	109957	103321	1	Standard
[	Fe	57	-0.969	ug/L	0.119	12	21890	18911	1	Standard
[	Mn	55	26.490	ug/L	0.408	1	1100	1047388	1	Standard
[>	Ge	72		ug/L			100487	94162	2	KED
[	Co	59	25.726	ug/L	0.282	1	8	144285	2	KED
[	Ni	60	25.736	ug/L	0.187	0	63	41819	1	KED
[	Ni	62	25.793	ug/L	0.417	1	15	6860	3	KED
[	Cu	63	25.851	ug/L	0.104	0	220	122973	2	KED
[	Cu	65	25.847	ug/L	0.126	0	102	61099	2	KED
[	Zn	66	83.696	ug/L	0.948	1	217	56262	2	KED
[	Zn	67	78.496	ug/L	0.744	0	33	8743	1	KED
[	As	75	25.012	ug/L	0.114	0	4	8463	1	KED
[	Se	78	81.158	ug/L	1.110	1	14	3064	0	KED
	Y	89		ug/L			787121	700699	1	Standard
	Kr	83		ug/L			329	321	4	Standard
[>	In-1	115		ug/L			30151	26677	2	KED
[	Mo	98	0.005	ug/L	0.003	71	4	12	46	KED
[	Cd	111	25.830	ug/L	1.058	4	3	10294	2	KED
[	Cd	114	25.441	ug/L	0.508	1	4	26264	0	KED
[>	In	115		ug/L			1531029	1447974	1	Standard
[	Ag	107	25.662	ug/L	0.482	1	86	445686	2	Standard
[	Sb	121	0.008	ug/L	0.001	11	67	240	7	Standard
[	Sb	123	0.008	ug/L	0.001	12	51	188	9	Standard
[	Ba	135	24.512	ug/L	0.606	2	44	186381	2	Standard
[	Ba	137	23.895	ug/L	0.362	1	73	320958	0	Standard
[>	Tb	159		ug/L			2910281	2800514	1	Standard
[	Tl	205	26.816	ug/L	0.152	0	83	2416657	0	Standard
[	Pb	208	25.362	ug/L	0.156	0	1932	2992561	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0185-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:21:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1254088	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	75	4	9	34	Standard
	C	**13**		ug/L			30456	42787	1	Standard
	Cl	**37**		ug/L			6901546	18983459	3	Standard
[>	**Sc**	**45**		ug/L			1525311	1692503	2	Standard
[	**V**	**51**	**1.679**	ug/L	0.025	1	7633	70404	1	Standard
[	**V-1**	**51**	**6.595**	ug/L	0.059	0	424	246528	3	Standard
[	**Cr**	**52**	**0.238**	ug/L	0.010	4	22604	32610	1	Standard
[	**Cr**	**53**	**16.101**	ug/L	0.241	1	248	60008	3	Standard
[	**Fe**	**54**	**1.114**	ug/L	0.318	28	109957	126004	1	Standard
[	**Fe**	**57**	**122.570**	ug/L	3.696	3	21890	189907	0	Standard
[	**Mn**	**55**	**4.797**	ug/L	0.082	1	1100	231416	1	Standard
[>	**Ge**	**72**		ug/L			100487	87971	1	KED
[	**Co**	**59**	**0.082**	ug/L	0.003	3	8	437	4	KED
[	**Ni**	**60**	**2.440**	ug/L	0.044	1	63	3754	2	KED
[	**Ni**	**62**	**2.523**	ug/L	0.078	3	15	639	3	KED
[	**Cu**	**63**	**0.147**	ug/L	0.013	8	220	845	7	KED
[	**Cu**	**65**	**0.159**	ug/L	0.012	7	102	440	6	KED
[	**Zn**	**66**	**0.349**	ug/L	0.041	11	217	408	6	KED
[	**Zn**	**67**	**4.092**	ug/L	0.134	3	33	453	4	KED
[	**As**	**75**	**0.653**	ug/L	0.025	3	4	210	3	KED
[	**Se**	**78**	**14.444**	ug/L	0.143	0	14	520	0	KED
	Y	**89**		ug/L			787121	716755	2	Standard
	Kr	**83**		ug/L			329	347	11	Standard
[>	**In-1**	**115**		ug/L			30151	25057	1	KED
[	**Mo**	**98**	**2.072**	ug/L	0.023	1	4	3426	0	KED
[	**Cd**	**111**	**0.019**	ug/L	0.001	6	3	9	5	KED
[	**Cd**	**114**	**0.011**	ug/L	0.003	22	4	14	15	KED
[>	**In**	**115**		ug/L			1531029	1295255	3	Standard
[	**Ag**	**107**	**0.004**	ug/L	0.000	9	86	128	0	Standard
[	**Sb**	**121**	**0.094**	ug/L	0.004	3	67	1869	4	Standard
[	**Sb**	**123**	**0.092**	ug/L	0.006	6	51	1394	3	Standard
[	**Ba**	**135**	**61.491**	ug/L	2.229	3	44	417832	0	Standard
[	**Ba**	**137**	**60.043**	ug/L	2.197	3	73	720734	0	Standard
[>	**Tb**	**159**		ug/L			2910281	2770365	1	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.001	13	83	491	11	Standard
[	**Pb**	**208**	**0.006**	ug/L	0.000	6	1932	2582	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0318-~~02~~ 01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:26:52

MB 6/23/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1208483	1	Standard
	Be	9	0.002	ug/L	0.000	8	4	17	6	Standard
	C	13		ug/L			30456	480296	1	Standard
	Cl	37		ug/L			6901546	7703469	0	Standard
>	Sc	45		ug/L			1525311	1466037	0	Standard
	V	51	-0.464	ug/L	0.742	160	7633	-7453	318	Standard
	V-1	51	0.296	ug/L	0.010	3	424	9978	3	Standard
	Cr	52	140.936	ug/L	1.429	1	22604	3885089	0	Standard
	Cr	53	138.314	ug/L	2.201	1	248	444589	1	Standard
	Fe	54	4670.374	ug/L	56.408	1	109957	14671608	0	Standard
	Fe	57	5145.877	ug/L	32.569	0	21890	6046284	0	Standard
	Mn	55	93.000	ug/L	3.024	3	1100	3867334	2	Standard
>	Ge	72		ug/L			100487	91633	0	KED
	Co	59	0.930	ug/L	0.030	3	8	5082	2	KED
	Ni	60	8.564	ug/L	0.114	1	63	13581	1	KED
	Ni	62	8.570	ug/L	0.161	1	15	2227	0	KED
	Cu	63	3.385	ug/L	0.016	0	220	15844	0	KED
	Cu	65	3.379	ug/L	0.024	0	102	7854	1	KED
	Zn	66	110.832	ug/L	1.211	1	217	72432	1	KED
	Zn	67	105.659	ug/L	2.270	2	33	11442	1	KED
	As	75	0.438	ug/L	0.011	2	4	148	3	KED
	Se	78	0.074	ug/L	0.074	99	14	16	16	KED
	Y	89		ug/L			787121	720651	0	Standard
	Kr	83		ug/L			329	314	12	Standard
>	In-1	115		ug/L			30151	25539	1	KED
	Mo	98	5.433	ug/L	0.077	1	4	9150	0	KED
	Cd	111	0.628	ug/L	0.033	5	3	242	3	KED
	Cd	114	0.596	ug/L	0.041	6	4	593	6	KED
>	In	115		ug/L			1531029	1460121	1	Standard
	Ag	107	0.120	ug/L	0.006	4	86	2177	3	Standard
	Sb	121	0.623	ug/L	0.016	2	67	13593	2	Standard
	Sb	123	0.647	ug/L	0.021	3	51	10779	3	Standard
	Ba	135	26.491	ug/L	0.225	0	44	203125	0	Standard
	Ba	137	25.790	ug/L	0.227	0	73	349339	0	Standard
>	Tb	159		ug/L			2910281	2898979	0	Standard
	Tl	205	0.001	ug/L	0.000	4	83	184	2	Standard
	Pb	208	0.478	ug/L	0.003	0	1932	60264	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0323-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:34:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1226694	1	Standard
[	Be	9	0.007	ug/L	0.003	42	4	55	39	Standard
	C	13		ug/L			30456	59775	1	Standard
	Cl	37		ug/L			6901546	19677556	2	Standard
[>	Sc	45		ug/L			1525311	1618253	1	Standard
[	V	51	-0.122	ug/L	0.088	72	7633	3746	81	Standard
[	V-1	51	5.261	ug/L	0.014	0	424	188118	2	Standard
[	Cr	52	188.675	ug/L	1.419	0	22604	5732485	1	Standard
[	Cr	53	199.227	ug/L	1.063	0	248	706732	1	Standard
[	Fe	54	123.046	ug/L	1.699	1	109957	540334	2	Standard
[	Fe	57	122.215	ug/L	0.358	0	21890	181181	1	Standard
[	Mn	55	3.477	ug/L	0.041	1	1100	160716	1	Standard
[>	Ge	72		ug/L			100487	95871	0	KED
[	Co	59	0.518	ug/L	0.012	2	8	2966	1	KED
[	Ni	60	6.766	ug/L	0.079	1	63	11239	1	KED
[	Ni	62	6.854	ug/L	0.214	3	15	1867	3	KED
[	Cu	63	37.312	ug/L	0.417	1	220	180630	1	KED
[	Cu	65	37.563	ug/L	0.379	1	102	90361	1	KED
[	Zn	66	30.038	ug/L	0.183	0	217	20690	0	KED
[	Zn	67	27.566	ug/L	0.604	2	33	3147	2	KED
[	As	75	0.359	ug/L	0.013	3	4	127	3	KED
[	Se	78	0.110	ug/L	0.078	70	14	18	17	KED
	Y	89		ug/L			787121	754736	0	Standard
	Kr	83		ug/L			329	375	4	Standard
[>	In-1	115		ug/L			30151	27066	0	KED
[	Mo	98	0.683	ug/L	0.006	0	4	1223	0	KED
[	Cd	111	0.758	ug/L	0.047	6	3	309	5	KED
[	Cd	114	0.774	ug/L	0.052	6	4	814	6	KED
[>	In	115		ug/L			1531029	1376187	3	Standard
[	Ag	107	0.036	ug/L	0.003	9	86	667	6	Standard
[	Sb	121	3.175	ug/L	0.154	4	67	64971	1	Standard
[	Sb	123	3.195	ug/L	0.145	4	51	49989	2	Standard
[	Ba	135	3.194	ug/L	0.145	4	44	23101	1	Standard
[	Ba	137	3.161	ug/L	0.080	2	73	40392	1	Standard
[>	Tb	159		ug/L			2910281	2914721	0	Standard
[	Tl	205	0.003	ug/L	0.000	4	83	380	3	Standard
[	Pb	208	0.295	ug/L	0.002	0	1932	38089	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:42:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1224663	1	Standard
	Be	9	0.001	ug/L	0.001	108	4	9	52	Standard
	C	13		ug/L			30456	34791	0	Standard
	Cl	37		ug/L			6901546	8119548	1	Standard
>	Sc	45		ug/L			1525311	1463546	2	Standard
	V	51	0.005	ug/L	0.003	62	7633	7488	1	Standard
	V-1	51	0.107	ug/L	0.006	5	424	3842	3	Standard
	Cr	52	0.021	ug/L	0.007	34	22604	22262	1	Standard
	Cr	53	0.347	ug/L	0.020	5	248	1349	3	Standard
	Fe	54	1.018	ug/L	0.584	57	109957	108649	0	Standard
	Fe	57	-1.639	ug/L	0.177	10	21890	19086	2	Standard
	Mn	55	0.007	ug/L	0.001	7	1100	1341	3	Standard
>	Ge	72		ug/L			100487	96628	1	KED
	Co	59	-0.000	ug/L	0.001	308	8	6	105	KED
	Ni	60	-0.020	ug/L	0.003	13	63	27	15	KED
	Ni	62	0.026	ug/L	0.027	104	15	22	32	KED
	Cu	63	-0.013	ug/L	0.002	16	220	148	7	KED
	Cu	65	-0.009	ug/L	0.002	25	102	76	6	KED
	Zn	66	-0.147	ug/L	0.035	23	217	108	22	KED
	Zn	67	-0.067	ug/L	0.049	72	33	24	24	KED
	As	75	-0.002	ug/L	0.003	184	4	3	30	KED
	Se	78	0.033	ug/L	0.081	247	14	15	19	KED
	Y	89		ug/L			787121	725818	2	Standard
	Kr	83		ug/L			329	299	8	Standard
>	In-1	115		ug/L			30151	27665	0	KED
	Mo	98	0.000	ug/L	0.002	597	4	4	56	KED
	Cd	111	-0.002	ug/L	0.004	221	3	2	57	KED
	Cd	114	-0.003	ug/L	0.001	28	4	0	270	KED
>	In	115		ug/L			1531029	1441997	1	Standard
	Ag	107	0.001	ug/L	0.001	58	86	101	12	Standard
	Sb	121	0.004	ug/L	0.000	11	67	142	6	Standard
	Sb	123	0.004	ug/L	0.001	24	51	106	13	Standard
	Ba	135	0.016	ug/L	0.002	15	44	160	11	Standard
	Ba	137	0.014	ug/L	0.002	15	73	262	12	Standard
>	Tb	159		ug/L			2910281	2801332	2	Standard
	Tl	205	0.001	ug/L	0.000	13	83	133	5	Standard
	Pb	208	-0.006	ug/L	0.001	11	1932	1122	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:49:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1201024	0	Standard
[	Be	9	0.001	ug/L	0.001	54	4	12	32	Standard
	C	13		ug/L			30456	39003	1	Standard
	Cl	37		ug/L			6901546	8078207	0	Standard
[>	Sc	45		ug/L			1525311	1451397	0	Standard
[	V	51	0.012	ug/L	0.004	33	7633	7657	1	Standard
[	V-1	51	0.068	ug/L	0.001	1	424	2592	1	Standard
[	Cr	52	0.102	ug/L	0.015	14	22604	24286	1	Standard
[	Cr	53	0.279	ug/L	0.005	1	248	1124	1	Standard
[	Fe	54	-0.081	ug/L	0.309	382	109957	104377	0	Standard
[	Fe	57	-1.302	ug/L	0.138	10	21890	19319	0	Standard
[	Mn	55	0.438	ug/L	0.002	0	1100	19061	0	Standard
[>	Ge	72		ug/L			100487	96137	0	KED
[	Co	59	0.000	ug/L	0.001	266	8	10	43	KED
[	Ni	60	-0.003	ug/L	0.003	86	63	55	9	KED
[	Ni	62	0.019	ug/L	0.023	119	15	20	30	KED
[	Cu	63	-0.005	ug/L	0.004	67	220	186	8	KED
[	Cu	65	0.004	ug/L	0.005	114	102	109	11	KED
[	Zn	66	0.111	ug/L	0.024	21	217	284	5	KED
[	Zn	67	0.153	ug/L	0.070	46	33	48	16	KED
[	As	75	-0.002	ug/L	0.004	205	4	3	43	KED
[	Se	78	-0.018	ug/L	0.060	332	14	13	17	KED
	Y	89		ug/L			787121	724665	1	Standard
	Kr	83		ug/L			329	281	5	Standard
[>	In-1	115		ug/L			30151	27119	0	KED
[	Mo	98	0.008	ug/L	0.003	43	4	17	32	KED
[	Cd	111	0.001	ug/L	0.001	158	3	3	15	KED
[	Cd	114	0.001	ug/L	0.001	135	4	4	24	KED
[>	In	115		ug/L			1531029	1447462	2	Standard
[	Ag	107	0.001	ug/L	0.000	26	86	99	3	Standard
[	Sb	121	0.017	ug/L	0.001	5	67	431	6	Standard
[	Sb	123	0.018	ug/L	0.003	15	51	347	11	Standard
[	Ba	135	0.004	ug/L	0.002	58	44	71	25	Standard
[	Ba	137	0.004	ug/L	0.001	13	73	123	5	Standard
[>	Tb	159		ug/L			2910281	2810519	1	Standard
[	Tl	205	0.000	ug/L	0.000	42	83	120	12	Standard
[	Pb	208	-0.008	ug/L	0.000	2	1932	952	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:54:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1131632	2	Standard
[	Be	9	25.650	ug/L	0.786	3	4	174422	1	Standard
	C	13		ug/L			30456	44835	0	Standard
	Cl	37		ug/L			6901546	7967675	1	Standard
[>	Sc	45		ug/L			1525311	1467853	1	Standard
[	V	51	24.388	ug/L	0.432	1	7633	787463	0	Standard
[	V-1	51	24.530	ug/L	0.268	1	424	793956	0	Standard
[	Cr	52	25.110	ug/L	0.509	2	22604	710810	0	Standard
[	Cr	53	25.542	ug/L	0.297	1	248	82397	1	Standard
[	Fe	54	5218.704	ug/L	41.580	0	109957	16401141	0	Standard
[	Fe	57	5127.926	ug/L	45.142	0	21890	6032888	1	Standard
[	Mn	55	26.413	ug/L	0.227	0	1100	1100515	1	Standard
[>	Ge	72		ug/L			100487	97721	1	KED
[	Co	59	25.607	ug/L	0.369	1	8	149033	0	KED
[	Ni	60	25.177	ug/L	0.185	0	63	42463	2	KED
[	Ni	62	25.096	ug/L	1.321	5	15	6923	3	KED
[	Cu	63	25.123	ug/L	0.663	2	220	124002	1	KED
[	Cu	65	25.210	ug/L	0.098	0	102	61842	1	KED
[	Zn	66	82.348	ug/L	1.368	1	217	57439	0	KED
[	Zn	67	78.943	ug/L	1.709	2	33	9126	2	KED
[	As	75	25.057	ug/L	0.269	1	4	8799	1	KED
[	Se	78	82.353	ug/L	1.183	1	14	3228	2	KED
	Y	89		ug/L			787121	738022	0	Standard
	Kr	83		ug/L			329	330	14	Standard
[>	In-1	115		ug/L			30151	27444	0	KED
[	Mo	98	0.010	ug/L	0.001	8	4	21	5	KED
[	Cd	111	25.030	ug/L	0.265	1	3	10268	0	KED
[	Cd	114	25.157	ug/L	0.273	1	4	26727	1	KED
[>	In	115		ug/L			1531029	1428066	0	Standard
[	Ag	107	25.510	ug/L	0.398	1	86	436927	1	Standard
[	Sb	121	0.040	ug/L	0.000	1	67	911	0	Standard
[	Sb	123	0.041	ug/L	0.003	6	51	714	5	Standard
[	Ba	135	25.181	ug/L	0.436	1	44	188849	1	Standard
[	Ba	137	25.084	ug/L	0.103	0	73	332327	0	Standard
[>	Tb	159		ug/L			2910281	2923586	0	Standard
[	Tl	205	25.293	ug/L	0.288	1	83	2379566	0	Standard
[	Pb	208	24.160	ug/L	0.208	0	1932	2976102	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:03:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1147598	1	Standard
⌊	**Be**	**9**	**49.497**	ug/L	0.909	1	4	341408	0	Standard
	C	**13**		ug/L			30456	28067	0	Standard
	Cl	**37**		ug/L			6901546	7947131	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1448745	1	Standard
⌈	**V**	**51**	**50.331**	ug/L	0.835	1	7633	1596376	0	Standard
⌊	**V-1**	**51**	**50.375**	ug/L	0.708	1	424	1608838	0	Standard
⌈	**Cr**	**52**	**51.390**	ug/L	1.059	2	22604	1413418	1	Standard
⌊	**Cr**	**53**	**51.492**	ug/L	0.844	1	248	163701	1	Standard
⌈	**Fe**	**54**	**5187.610**	ug/L	110.430	2	109957	16091431	1	Standard
⌊	**Fe**	**57**	**5136.461**	ug/L	87.978	1	21890	5963779	1	Standard
⌊	**Mn**	**55**	**52.618**	ug/L	0.804	1	1100	2162666	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	97115	2	KED
⌈	**Co**	**59**	**51.438**	ug/L	1.138	2	8	297457	1	KED
⌊	**Ni**	**60**	**51.076**	ug/L	0.916	1	63	85525	1	KED
⌈	**Ni**	**62**	**50.069**	ug/L	2.059	4	15	13711	2	KED
⌈	**Cu**	**63**	**50.212**	ug/L	1.102	2	220	246064	0	KED
⌊	**Cu**	**65**	**51.137**	ug/L	0.638	1	102	124545	1	KED
⌈	**Zn**	**66**	**51.584**	ug/L	0.884	1	217	35833	0	KED
⌊	**Zn**	**67**	**51.180**	ug/L	0.341	0	33	5892	2	KED
⌈	**As**	**75**	**50.118**	ug/L	0.479	0	4	17484	1	KED
⌊	**Se**	**78**	**50.413**	ug/L	0.468	0	14	1969	1	KED
	Y	**89**		ug/L			787121	746700	1	Standard
	Kr	**83**		ug/L			329	318	7	Standard
⌈>	**In-1**	**115**		ug/L			30151	28235	1	KED
⌈	**Mo**	**98**	**48.090**	ug/L	0.725	1	4	89502	0	KED
⌈	**Cd**	**111**	**49.050**	ug/L	0.575	1	3	20698	0	KED
⌊	**Cd**	**114**	**49.170**	ug/L	0.235	0	4	53738	0	KED
⌈>	**In**	**115**		ug/L			1531029	1481080	1	Standard
⌈	**Ag**	**107**	**50.738**	ug/L	0.537	1	86	901159	0	Standard
⌈	**Sb**	**121**	**48.167**	ug/L	1.256	2	67	1060633	1	Standard
⌊	**Sb**	**123**	**49.424**	ug/L	0.535	1	51	832103	1	Standard
⌈	**Ba**	**135**	**49.067**	ug/L	1.217	2	44	381552	1	Standard
⌊	**Ba**	**137**	**47.954**	ug/L	1.058	2	73	658745	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2954125	0	Standard
⌈	**Tl**	**205**	**49.871**	ug/L	0.748	1	83	4741381	2	Standard
⌊	**Pb**	**208**	**48.946**	ug/L	0.413	0	1932	6090187	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:10:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1102872	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	42	4	12	24	Standard
	C	**13**		ug/L			30456	26718	1	Standard
	Cl	**37**		ug/L			6901546	7649986	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1395300	0	Standard
⌈	**V**	**51**	**0.006**	ug/L	0.000	5	7633	7173	0	Standard
⌊	**V-1**	**51**	**0.019**	ug/L	0.001	4	424	976	2	Standard
⌈	**Cr**	**52**	**0.025**	ug/L	0.007	28	22604	21317	0	Standard
⌊	**Cr**	**53**	**0.065**	ug/L	0.003	4	248	426	2	Standard
⌈	**Fe**	**54**	**1.291**	ug/L	0.689	53	109957	104414	1	Standard
⌊	**Fe**	**57**	**0.293**	ug/L	0.453	154	21890	20350	2	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	21	1100	1158	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	97155	0	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.001	71	8	4	65	KED
⌊	**Ni**	**60**	**-0.004**	ug/L	0.012	314	63	55	35	KED
⌈	**Ni**	**62**	**0.032**	ug/L	0.027	82	15	24	29	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.003	189	220	221	7	KED
⌊	**Cu**	**65**	**0.005**	ug/L	0.004	76	102	111	8	KED
⌈	**Zn**	**66**	**0.010**	ug/L	0.033	317	217	217	10	KED
⌊	**Zn**	**67**	**0.015**	ug/L	0.067	445	33	33	22	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.005	381	4	3	50	KED
⌊	**Se**	**78**	**0.032**	ug/L	0.052	160	14	15	13	KED
	Y	**89**		ug/L			787121	724831	2	Standard
	Kr	**83**		ug/L			329	299	13	Standard
⌈>	**In-1**	**115**		ug/L			30151	27966	2	KED
⌈	**Mo**	**98**	**0.007**	ug/L	0.002	33	4	18	27	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.005	269	3	4	58	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	223	4	2	78	KED
⌈>	**In**	**115**		ug/L			1531029	1405458	0	Standard
⌈	**Ag**	**107**	**0.003**	ug/L	0.001	36	86	125	13	Standard
⌈	**Sb**	**121**	**0.054**	ug/L	0.004	8	67	1194	7	Standard
⌊	**Sb**	**123**	**0.055**	ug/L	0.004	6	51	929	5	Standard
⌈	**Ba**	**135**	**0.005**	ug/L	0.001	16	44	76	7	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.002	87	73	102	29	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2848280	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	14	83	297	10	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.001	70	1932	1795	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:31:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1143894	1	Standard
	Be	9	0.001	ug/L	0.000	37	4	12	24	Standard
	C	13		ug/L			30456	38372	2	Standard
	Cl	37		ug/L			6901546	7503336	1	Standard
>	Sc	45		ug/L			1525311	1432871	0	Standard
	V	51	0.014	ug/L	0.006	42	7633	7620	2	Standard
	V-1	51	0.020	ug/L	0.001	4	424	1038	2	Standard
	Cr	52	0.132	ug/L	0.015	11	22604	24770	1	Standard
	Cr	53	0.147	ug/L	0.009	6	248	693	4	Standard
	Fe	54	-0.158	ug/L	0.613	389	109957	102809	1	Standard
	Fe	57	1.260	ug/L	0.211	16	21890	22006	1	Standard
	Mn	55	0.215	ug/L	0.003	1	1100	9753	0	Standard
>	Ge	72		ug/L			100487	94300	2	KED
	Co	59	-0.000	ug/L	0.001	207	8	6	62	KED
	Ni	60	0.017	ug/L	0.018	103	63	87	32	KED
	Ni	62	-0.001	ug/L	0.030	4894	15	14	52	KED
	Cu	63	0.025	ug/L	0.002	8	220	324	5	KED
	Cu	65	0.027	ug/L	0.013	49	102	160	16	KED
	Zn	66	-0.055	ug/L	0.048	87	217	166	16	KED
	Zn	67	-0.084	ug/L	0.078	93	33	21	39	KED
	As	75	0.000	ug/L	0.005	1360	4	4	40	KED
	Se	78	-0.004	ug/L	0.076	1893	14	13	21	KED
	Y	89		ug/L			787121	724564	0	Standard
	Kr	83		ug/L			329	325	6	Standard
>	In-1	115		ug/L			30151	28850	3	KED
	Mo	98	0.010	ug/L	0.001	9	4	24	8	KED
	Cd	111	-0.002	ug/L	0.003	174	3	2	57	KED
	Cd	114	0.000	ug/L	0.002	1529	4	4	61	KED
>	In	115		ug/L			1531029	1489920	2	Standard
	Ag	107	0.002	ug/L	0.001	30	86	123	10	Standard
	Sb	121	0.050	ug/L	0.003	5	67	1169	5	Standard
	Sb	123	0.051	ug/L	0.007	14	51	914	11	Standard
	Ba	135	0.007	ug/L	0.002	32	44	100	19	Standard
	Ba	137	0.008	ug/L	0.002	25	73	177	15	Standard
>	Tb	159		ug/L			2910281	2856920	0	Standard
	Tl	205	0.001	ug/L	0.000	37	83	133	14	Standard
	Pb	208	-0.010	ug/L	0.000	2	1932	646	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:36:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1139832	1	Standard
[	Be	9	24.894	ug/L	0.337	1	4	170590	2	Standard
	C	13		ug/L			30456	45375	0	Standard
	Cl	37		ug/L			6901546	7930668	0	Standard
[>	Sc	45		ug/L			1525311	1450085	0	Standard
[	V	51	24.308	ug/L	0.394	1	7633	775501	1	Standard
[	V-1	51	24.285	ug/L	0.256	1	424	776581	0	Standard
[	Cr	52	24.865	ug/L	0.227	0	22604	695660	0	Standard
[	Cr	53	24.772	ug/L	0.314	1	248	78955	1	Standard
[	Fe	54	5025.295	ug/L	31.820	0	109957	15607122	0	Standard
[	Fe	57	5020.824	ug/L	87.405	1	21890	5835310	1	Standard
[	Mn	55	25.732	ug/L	0.338	1	1100	1059184	0	Standard
[>	Ge	72		ug/L			100487	99331	1	KED
[	Co	59	24.591	ug/L	0.385	1	8	145472	0	KED
[	Ni	60	24.387	ug/L	0.339	1	63	41801	0	KED
[	Ni	62	24.142	ug/L	1.463	6	15	6769	4	KED
[	Cu	63	24.195	ug/L	0.559	2	220	121395	0	KED
[	Cu	65	24.327	ug/L	0.642	2	102	60646	0	KED
[	Zn	66	80.356	ug/L	1.319	1	217	56977	0	KED
[	Zn	67	77.162	ug/L	2.646	3	33	9065	1	KED
[	As	75	24.530	ug/L	0.641	2	4	8754	1	KED
[	Se	78	80.766	ug/L	2.592	3	14	3217	2	KED
	Y	89		ug/L			787121	744784	1	Standard
	Kr	83		ug/L			329	337	10	Standard
[>	In-1	115		ug/L			30151	27630	3	KED
[	Mo	98	0.010	ug/L	0.000	3	4	22	0	KED
[	Cd	111	25.266	ug/L	0.443	1	3	10432	1	KED
[	Cd	114	24.726	ug/L	0.505	2	4	26438	2	KED
[>	In	115		ug/L			1531029	1444828	2	Standard
[	Ag	107	25.190	ug/L	0.609	2	86	436428	2	Standard
[	Sb	121	0.055	ug/L	0.001	1	67	1241	3	Standard
[	Sb	123	0.052	ug/L	0.002	3	51	902	0	Standard
[	Ba	135	24.521	ug/L	0.482	1	44	186007	0	Standard
[	Ba	137	24.383	ug/L	0.398	1	73	326783	1	Standard
[>	Tb	159		ug/L			2910281	2921734	1	Standard
[	Tl	205	25.045	ug/L	0.486	1	83	2354606	1	Standard
[	Pb	208	23.737	ug/L	0.641	2	1932	2921405	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0314-03
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:41:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1330551	1	Standard
[	Be	9	0.006	ug/L	0.001	12	4	52	11	Standard
	C	13		ug/L			30456	62519	0	Standard
	Cl	37		ug/L			6901546	29355435	0	Standard
[>	Sc	45		ug/L			1525311	1744812	1	Standard
[	V	51	0.811	ug/L	0.073	8	7633	39530	5	Standard
[	V-1	51	6.163	ug/L	0.071	1	424	237469	1	Standard
[	Cr	52	0.526	ug/L	0.021	3	22604	43022	1	Standard
[	Cr	53	17.751	ug/L	0.252	1	248	68161	2	Standard
[	Fe	54	23.566	ug/L	1.363	5	109957	213216	1	Standard
[	Fe	57	299.972	ug/L	4.252	1	21890	443133	3	Standard
[	Mn	55	354.688	ug/L	4.572	1	1100	17550145	1	Standard
[>	Ge	72		ug/L			100487	97418	1	KED
[	Co	59	0.714	ug/L	0.013	1	8	4150	0	KED
[	Ni	60	8.199	ug/L	0.071	0	63	13825	1	KED
[	Ni	62	8.073	ug/L	0.283	3	15	2231	2	KED
[	Cu	63	0.685	ug/L	0.021	3	220	3579	3	KED
[	Cu	65	0.702	ug/L	0.006	0	102	1814	2	KED
[	Zn	66	1.371	ug/L	0.022	1	217	1161	1	KED
[	Zn	67	4.233	ug/L	0.198	4	33	518	4	KED
[	As	75	0.334	ug/L	0.021	6	4	121	6	KED
[	Se	78	0.159	ug/L	0.076	47	14	20	13	KED
	Y	89		ug/L			787121	774900	1	Standard
	Kr	83		ug/L			329	378	9	Standard
[>	In-1	115		ug/L			30151	27516	1	KED
[	Mo	98	0.431	ug/L	0.023	5	4	785	6	KED
[	Cd	111	0.096	ug/L	0.016	16	3	42	14	KED
[	Cd	114	0.087	ug/L	0.012	13	4	97	14	KED
[>	In	115		ug/L			1531029	1238481	1	Standard
[	Ag	107	0.005	ug/L	0.002	34	86	142	18	Standard
[	Sb	121	0.029	ug/L	0.001	4	67	586	3	Standard
[	Sb	123	0.031	ug/L	0.001	3	51	476	2	Standard
[	Ba	135	56.992	ug/L	0.851	1	44	370690	2	Standard
[	Ba	137	57.386	ug/L	0.141	0	73	659292	1	Standard
[>	Tb	159		ug/L			2910281	3001884	0	Standard
[	Tl	205	0.003	ug/L	0.000	5	83	396	4	Standard
[	Pb	208	0.019	ug/L	0.001	4	1932	4381	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-DUP2
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:50:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1320797	0	Standard
	Be	9	0.008	ug/L	0.001	8	4	70	8	Standard
	C	13		ug/L			30456	62729	0	Standard
	Cl	37		ug/L			6901546	29002595	1	Standard
>	Sc	45		ug/L			1525311	1780511	0	Standard
	V	51	0.932	ug/L	0.049	5	7633	45085	4	Standard
	V-1	51	6.358	ug/L	0.038	0	424	250022	0	Standard
	Cr	52	0.598	ug/L	0.010	1	22604	46281	0	Standard
	Cr	53	18.063	ug/L	0.223	1	248	70767	1	Standard
	Fe	54	19.928	ug/L	0.641	3	109957	203838	1	Standard
	Fe	57	286.556	ug/L	4.204	1	21890	433067	1	Standard
	Mn	55	352.383	ug/L	4.805	1	1100	17795063	1	Standard
>	Ge	72		ug/L			100487	99036	1	KED
	Co	59	0.726	ug/L	0.017	2	8	4290	1	KED
	Ni	60	8.575	ug/L	0.070	0	63	14697	0	KED
	Ni	62	8.431	ug/L	0.165	1	15	2369	3	KED
	Cu	63	0.735	ug/L	0.011	1	220	3890	1	KED
	Cu	65	0.773	ug/L	0.020	2	102	2019	1	KED
	Zn	66	2.412	ug/L	0.118	4	217	1913	3	KED
	Zn	67	5.160	ug/L	0.120	2	33	634	1	KED
	As	75	0.354	ug/L	0.025	7	4	130	7	KED
	Se	78	0.153	ug/L	0.039	25	14	20	6	KED
	Y	89		ug/L			787121	776130	2	Standard
	Kr	83		ug/L			329	373	15	Standard
>	In-1	115		ug/L			30151	28067	0	KED
	Mo	98	0.436	ug/L	0.054	12	4	811	12	KED
	Cd	111	0.099	ug/L	0.011	10	3	44	9	KED
	Cd	114	0.098	ug/L	0.016	16	4	110	15	KED
>	In	115		ug/L			1531029	1190817	1	Standard
	Ag	107	0.004	ug/L	0.002	47	86	130	22	Standard
	Sb	121	0.038	ug/L	0.001	3	67	721	5	Standard
	Sb	123	0.042	ug/L	0.002	3	51	604	5	Standard
	Ba	135	59.743	ug/L	1.546	2	44	373533	2	Standard
	Ba	137	60.187	ug/L	1.114	1	73	664725	0	Standard
>	Tb	159		ug/L			2910281	2994969	1	Standard
	Tl	205	0.003	ug/L	0.000	10	83	355	7	Standard
	Pb	208	0.071	ug/L	0.001	1	1932	10983	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-MS2
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:57:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6			ug/L			1107873	1303546	1	Standard
	Be	9		12.311	ug/L	0.111	0	4	96477	1	Standard
	C	13			ug/L			30456	62426	1	Standard
	Cl	37			ug/L			6901546	28953579	0	Standard
>	Sc	45			ug/L			1525311	1768762	1	Standard
	V	51		12.486	ug/L	0.131	1	7633	490226	1	Standard
	V-1	51		18.654	ug/L	0.094	0	424	727742	1	Standard
	Cr	52		11.648	ug/L	0.310	2	22604	411364	1	Standard
	Cr	53		31.517	ug/L	0.480	1	248	122440	0	Standard
	Fe	54		2441.850	ug/L	39.138	1	109957	9314851	0	Standard
	Fe	57		2712.487	ug/L	33.586	1	21890	3857131	1	Standard
	Mn	55		361.587	ug/L	7.149	1	1100	18136403	0	Standard
>	Ge	72			ug/L			100487	99383	0	KED
	Co	59		14.390	ug/L	0.178	1	8	85183	0	KED
	Ni	60		21.282	ug/L	0.305	1	63	36511	1	KED
	Ni	62		21.271	ug/L	0.297	1	15	5973	1	KED
	Cu	63		12.815	ug/L	0.030	0	220	64453	1	KED
	Cu	65		12.942	ug/L	0.254	1	102	32334	1	KED
	Zn	66		37.577	ug/L	0.619	1	217	26777	1	KED
	Zn	67		39.072	ug/L	1.181	3	33	4609	2	KED
	As	75		13.140	ug/L	0.178	1	4	4694	0	KED
	Se	78		40.124	ug/L	0.857	2	14	1606	1	KED
	Y	89			ug/L			787121	771456	1	Standard
	Kr	83			ug/L			329	400	6	Standard
>	In-1	115			ug/L			30151	28365	1	KED
	Mo	98		13.592	ug/L	0.253	1	4	25417	1	KED
	Cd	111		11.739	ug/L	0.149	1	3	4978	0	KED
	Cd	114		11.682	ug/L	0.158	1	4	12829	0	KED
>	In	115			ug/L			1531029	1169509	1	Standard
	Ag	107		13.159	ug/L	0.265	2	86	184574	1	Standard
	Sb	121		11.870	ug/L	0.346	2	67	206392	0	Standard
	Sb	123		12.018	ug/L	0.357	2	51	159744	1	Standard
	Ba	135	STL	75.942	ug/L	1.034	1	44	466294	0	Standard
	Ba	137		76.909	ug/L	1.388	1	73	834183	0	Standard
>	Tb	159			ug/L			2910281	3019096	0	Standard
	Tl	205		10.893	ug/L	0.012	0	83	1058424	0	Standard
	Pb	208		10.556	ug/L	0.074	0	1932	1343884	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-MSD2
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:05:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6			ug/L			1107873	1235229	0	Standard
[	Be	9		13.045	ug/L	0.284	2	4	96864	1	Standard
	C	13			ug/L			30456	63075	0	Standard
	Cl	37			ug/L			6901546	28408637	0	Standard
[>	Sc	45			ug/L			1525311	1738578	1	Standard
[	V	51		12.539	ug/L	0.147	1	7633	483835	1	Standard
[	V-1	51		18.709	ug/L	0.132	0	424	717368	0	Standard
[	Cr	52		11.751	ug/L	0.446	3	22604	407670	2	Standard
[	Cr	53		31.624	ug/L	0.647	2	248	120749	0	Standard
[	Fe	54		2423.895	ug/L	64.755	2	109957	9088876	1	Standard
[	Fe	57		2675.721	ug/L	37.470	1	21890	3739990	0	Standard
[	Mn	55		361.615	ug/L	3.027	0	1100	17830690	1	Standard
[>	Ge	72			ug/L			100487	98486	1	KED
[	Co	59		14.401	ug/L	0.139	0	8	84476	1	KED
[	Ni	60		21.540	ug/L	0.158	0	63	36619	1	KED
[	Ni	62		21.378	ug/L	0.449	2	15	5948	2	KED
[	Cu	63		13.176	ug/L	0.164	1	220	65655	1	KED
[	Cu	65		13.260	ug/L	0.199	1	102	32824	0	KED
[	Zn	66		38.489	ug/L	0.244	0	217	27173	1	KED
[	Zn	67		39.525	ug/L	0.204	0	33	4621	2	KED
[	As	75		13.545	ug/L	0.112	0	4	4796	1	KED
[	Se	78		40.287	ug/L	0.287	0	14	1598	1	KED
	Y	89			ug/L			787121	749498	1	Standard
	Kr	83			ug/L			329	363	2	Standard
[>	In-1	115			ug/L			30151	27715	1	KED
[	Mo	98		13.509	ug/L	0.353	2	4	24679	1	KED
[	Cd	111		12.100	ug/L	0.181	1	3	5014	0	KED
[	Cd	114		12.074	ug/L	0.106	0	4	12957	2	KED
[>	In	115			ug/L			1531029	1141685	1	Standard
[	Ag	107		13.432	ug/L	0.242	1	86	183934	1	Standard
[	Sb	121		11.631	ug/L	0.011	0	67	197493	1	Standard
[	Sb	123		11.877	ug/L	0.300	2	51	154141	1	Standard
[	Ba	135	STL	77.748	ug/L	1.018	1	44	466032	0	Standard
[	Ba	137		78.682	ug/L	0.535	0	73	833311	2	Standard
[>	Tb	159			ug/L			2910281	2976572	1	Standard
[	Tl	205		11.128	ug/L	0.172	1	83	1065845	0	Standard
[	Pb	208		10.781	ug/L	0.126	1	1932	1353053	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0352-06
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:13:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1106013	1	Standard
[	**Be**	**9**	**0.007**	ug/L	0.002	23	4	48	22	Standard
	C	**13**		ug/L			30456	33989	1	Standard
	Cl	**37**		ug/L			6901546	7363910	1	Standard
[>	**Sc**	**45**		ug/L			1525311	1451209	0	Standard
[	**V**	**51**	**0.866**	ug/L	0.008	0	7633	34656	0	Standard
[	**V-1**	**51**	**1.615**	ug/L	0.003	0	424	52047	1	Standard
[	**Cr**	**52**	**0.261**	ug/L	0.012	4	22604	28585	1	Standard
[	**Cr**	**53**	**2.690**	ug/L	0.028	1	248	8791	1	Standard
[	**Fe**	**54**	**976.387**	ug/L	14.179	1	109957	3118821	0	Standard
[	**Fe**	**57**	**915.684**	ug/L	1.627	0	21890	1082138	0	Standard
[	**Mn**	**55**	**112.255**	ug/L	2.575	2	1100	4620312	1	Standard
[>	**Ge**	**72**		ug/L			100487	97813	2	KED
[	**Co**	**59**	**0.257**	ug/L	0.011	4	8	1506	1	KED
[	**Ni**	**60**	**0.454**	ug/L	0.020	4	63	826	3	KED
[	**Ni**	**62**	**0.491**	ug/L	0.081	16	15	150	13	KED
[	**Cu**	**63**	**0.560**	ug/L	0.010	1	220	2974	1	KED
[	**Cu**	**65**	**0.594**	ug/L	0.012	1	102	1555	3	KED
[	**Zn**	**66**	**2.039**	ug/L	0.046	2	217	1630	3	KED
[	**Zn**	**67**	**2.040**	ug/L	0.030	1	33	267	2	KED
[	**As**	**75**	**1.243**	ug/L	0.016	1	4	441	1	KED
[	**Se**	**78**	**0.153**	ug/L	0.147	96	14	20	29	KED
	Y	**89**		ug/L			787121	727902	1	Standard
	Kr	**83**		ug/L			329	293	3	Standard
[>	**In-1**	**115**		ug/L			30151	27882	1	KED
[	**Mo**	**98**	**0.933**	ug/L	0.041	4	4	1719	4	KED
[	**Cd**	**111**	**0.013**	ug/L	0.004	29	3	8	19	KED
[	**Cd**	**114**	**0.021**	ug/L	0.011	49	4	26	41	KED
[>	**In**	**115**		ug/L			1531029	1335528	0	Standard
[	**Ag**	**107**	**0.003**	ug/L	0.001	23	86	116	8	Standard
[	**Sb**	**121**	**0.052**	ug/L	0.003	6	67	1085	4	Standard
[	**Sb**	**123**	**0.053**	ug/L	0.002	4	51	845	3	Standard
[	**Ba**	**135**	**1.750**	ug/L	0.022	1	44	12311	0	Standard
[	**Ba**	**137**	**1.717**	ug/L	0.014	0	73	21334	0	Standard
[>	**Tb**	**159**		ug/L			2910281	2863805	1	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	5	83	359	3	Standard
[	**Pb**	**208**	**0.086**	ug/L	0.001	1	1932	12214	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0352-07
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:21:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1092308	0	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	35	4	23	28	Standard
	C	**13**		ug/L			30456	34346	1	Standard
	Cl	**37**		ug/L			6901546	7063876	0	Standard
[>	**Sc**	**45**		ug/L			1525311	1432258	1	Standard
[	**V**	**51**	**0.177**	ug/L	0.012	6	7633	12691	1	Standard
[	**V-1**	**51**	**0.638**	ug/L	0.016	2	424	20521	0	Standard
[	**Cr**	**52**	**0.159**	ug/L	0.019	12	22604	25483	0	Standard
[	**Cr**	**53**	**1.641**	ug/L	0.031	1	248	5383	0	Standard
[	**Fe**	**54**	**159.348**	ug/L	3.234	2	109957	588680	0	Standard
[	**Fe**	**57**	**150.301**	ug/L	4.424	2	21890	192425	0	Standard
[	**Mn**	**55**	**114.159**	ug/L	2.507	2	1100	4636810	0	Standard
[>	**Ge**	**72**		ug/L			100487	97496	0	KED
[	**Co**	**59**	**0.231**	ug/L	0.010	4	8	1351	3	KED
[	**Ni**	**60**	**0.373**	ug/L	0.034	9	63	687	8	KED
[	**Ni**	**62**	**0.422**	ug/L	0.123	29	15	131	25	KED
[	**Cu**	**63**	**0.220**	ug/L	0.011	4	220	1295	4	KED
[	**Cu**	**65**	**0.217**	ug/L	0.018	8	102	629	6	KED
[	**Zn**	**66**	**1.527**	ug/L	0.079	5	217	1269	3	KED
[	**Zn**	**67**	**1.555**	ug/L	0.147	9	33	210	8	KED
[	**As**	**75**	**0.667**	ug/L	0.052	7	4	237	7	KED
[	**Se**	**78**	**0.105**	ug/L	0.030	28	14	18	6	KED
	Y	**89**		ug/L			787121	725219	1	Standard
	Kr	**83**		ug/L			329	302	4	Standard
[>	**In-1**	**115**		ug/L			30151	27926	1	KED
[	**Mo**	**98**	**0.851**	ug/L	0.019	2	4	1570	1	KED
[	**Cd**	**111**	**0.006**	ug/L	0.006	99	3	5	44	KED
[	**Cd**	**114**	**0.008**	ug/L	0.000	2	4	13	0	KED
[>	**In**	**115**		ug/L			1531029	1318342	2	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.000	61	86	64	8	Standard
[	**Sb**	**121**	**0.037**	ug/L	0.003	6	67	773	5	Standard
[	**Sb**	**123**	**0.039**	ug/L	0.001	2	51	631	2	Standard
[	**Ba**	**135**	**0.966**	ug/L	0.027	2	44	6723	2	Standard
[	**Ba**	**137**	**0.960**	ug/L	0.023	2	73	11795	1	Standard
[>	**Tb**	**159**		ug/L			2910281	2784097	0	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	10	83	269	7	Standard
[	**Pb**	**208**	**0.006**	ug/L	0.001	9	1932	2521	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0352-08
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:27:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1072363	2	Standard
[	**Be**	**9**	**0.004**	ug/L	0.001	24	4	31	19	Standard
	C	**13**		ug/L			30456	36024	1	Standard
	Cl	**37**		ug/L			6901546	9097216	2	Standard
[>	**Sc**	**45**		ug/L			1525311	1454592	2	Standard
[	**V**	**51**	**0.759**	ug/L	0.016	2	7633	31355	3	Standard
[	**V-1**	**51**	**2.863**	ug/L	0.031	1	424	92194	2	Standard
[	**Cr**	**52**	**0.303**	ug/L	0.024	7	22604	29786	0	Standard
[	**Cr**	**53**	**7.087**	ug/L	0.161	2	248	22822	1	Standard
[	**Fe**	**54**	**2027.472**	ug/L	30.898	1	109957	6377252	1	Standard
[	**Fe**	**57**	**1963.678**	ug/L	35.313	1	21890	2301618	1	Standard
[	**Mn**	**55**	**162.787**	ug/L	2.721	1	1100	6714369	1	Standard
[>	**Ge**	**72**		ug/L			100487	95674	0	KED
[	**Co**	**59**	**0.013**	ug/L	0.003	24	8	80	21	KED
[	**Ni**	**60**	**0.037**	ug/L	0.013	36	63	120	17	KED
[	**Ni**	**62**	**0.031**	ug/L	0.042	134	15	23	47	KED
[	**Cu**	**63**	**0.023**	ug/L	0.003	13	220	320	4	KED
[	**Cu**	**65**	**0.029**	ug/L	0.013	44	102	166	18	KED
[	**Zn**	**66**	**1.211**	ug/L	0.097	8	217	1031	5	KED
[	**Zn**	**67**	**1.303**	ug/L	0.051	3	33	178	3	KED
[	**As**	**75**	**0.215**	ug/L	0.005	2	4	78	1	KED
[	**Se**	**78**	**0.110**	ug/L	0.035	32	14	18	7	KED
	Y	**89**		ug/L			787121	712703	2	Standard
	Kr	**83**		ug/L			329	324	0	Standard
[>	**In-1**	**115**		ug/L			30151	27391	1	KED
[	**Mo**	**98**	**6.850**	ug/L	0.135	1	4	12371	1	KED
[	**Cd**	**111**	**0.002**	ug/L	0.007	448	3	3	75	KED
[	**Cd**	**114**	**-0.000**	ug/L	0.002	495	4	3	53	KED
[>	**In**	**115**		ug/L			1531029	1299603	1	Standard
[	**Ag**	**107**	**-0.000**	ug/L	0.000	163	86	68	9	Standard
[	**Sb**	**121**	**0.004**	ug/L	0.001	23	67	134	15	Standard
[	**Sb**	**123**	**0.004**	ug/L	0.000	8	51	106	6	Standard
[	**Ba**	**135**	**3.446**	ug/L	0.051	1	44	23552	0	Standard
[	**Ba**	**137**	**3.365**	ug/L	0.054	1	73	40621	0	Standard
[>	**Tb**	**159**		ug/L			2910281	2805914	0	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	21	83	119	7	Standard
[	**Pb**	**208**	**0.020**	ug/L	0.001	6	1932	4265	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:33:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1052041	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	124	4	5	21	Standard
	C	**13**		ug/L			30456	28302	1	Standard
	Cl	**37**		ug/L			6901546	6922766	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1349252	1	Standard
⌈	**V**	**51**	**0.018**	ug/L	0.005	27	7633	7276	2	Standard
⌊	**V-1**	**51**	**0.152**	ug/L	0.003	2	424	4908	0	Standard
⌈	**Cr**	**52**	**0.055**	ug/L	0.006	10	22604	21375	1	Standard
⌊	**Cr**	**53**	**0.486**	ug/L	0.017	3	248	1658	2	Standard
⌈	**Fe**	**54**	**2.145**	ug/L	0.764	35	109957	103402	0	Standard
⌊	**Fe**	**57**	**-2.816**	ug/L	0.536	19	21890	16326	2	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	31	1100	1083	3	Standard
⌈>	**Ge**	**72**		ug/L			100487	94174	1	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	41	8	3	50	KED
⌊	**Ni**	**60**	**-0.015**	ug/L	0.006	38	63	34	26	KED
⌈	**Ni**	**62**	**-0.025**	ug/L	0.018	69	15	8	58	KED
⌈	**Cu**	**63**	**-0.008**	ug/L	0.004	43	220	168	10	KED
⌊	**Cu**	**65**	**-0.003**	ug/L	0.007	248	102	89	20	KED
⌈	**Zn**	**66**	**-0.086**	ug/L	0.006	7	217	146	4	KED
⌊	**Zn**	**67**	**-0.044**	ug/L	0.022	49	33	26	11	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.001	38	4	2	16	KED
⌊	**Se**	**78**	**-0.015**	ug/L	0.039	253	14	13	10	KED
	Y	**89**		ug/L			787121	712595	2	Standard
	Kr	**83**		ug/L			329	322	11	Standard
⌈>	**In-1**	**115**		ug/L			30151	27134	0	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.001	53	4	8	26	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.002	327	3	2	33	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	611	4	4	49	KED
⌈>	**In**	**115**		ug/L			1531029	1318800	3	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	146	86	65	16	Standard
⌈	**Sb**	**121**	**0.000**	ug/L	0.001	228	67	66	28	Standard
⌊	**Sb**	**123**	**0.000**	ug/L	0.001	134	51	50	11	Standard
⌈	**Ba**	**135**	**0.008**	ug/L	0.003	35	44	91	19	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.002	31	73	135	14	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2744056	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	22	83	186	13	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.000	4	1932	1205	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:38:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1057028	2	Standard
⌊	**Be**	**9**	**51.145**	ug/L	1.153	2	4	324924	2	Standard
	C	**13**		ug/L			30456	26642	0	Standard
	Cl	**37**		ug/L			6901546	7436228	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1354695	0	Standard
⌈	**V**	**51**	**50.743**	ug/L	1.136	2	7633	1504839	1	Standard
⌊	**V-1**	**51**	**50.796**	ug/L	1.070	2	424	1516902	1	Standard
⌈	**Cr**	**52**	**51.773**	ug/L	1.121	2	22604	1331342	1	Standard
⌊	**Cr**	**53**	**51.906**	ug/L	0.914	1	248	154299	0	Standard
⌈	**Fe**	**54**	**5274.312**	ug/L	103.666	1	109957	15296555	1	Standard
⌊	**Fe**	**57**	**5082.769**	ug/L	101.727	2	21890	5518152	1	Standard
⌊	**Mn**	**55**	**52.606**	ug/L	1.670	3	1100	2021664	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	94104	0	KED
⌈	**Co**	**59**	**50.538**	ug/L	0.977	1	8	283266	1	KED
⌊	**Ni**	**60**	**50.744**	ug/L	0.627	1	63	82352	1	KED
⌈	**Ni**	**62**	**49.965**	ug/L	0.225	0	15	13266	0	KED
⌈	**Cu**	**63**	**49.697**	ug/L	0.891	1	220	236073	1	KED
⌊	**Cu**	**65**	**50.713**	ug/L	0.946	1	102	119702	1	KED
⌈	**Zn**	**66**	**51.779**	ug/L	1.837	3	217	34862	3	KED
⌊	**Zn**	**67**	**51.638**	ug/L	1.289	2	33	5759	2	KED
⌈	**As**	**75**	**50.654**	ug/L	0.480	0	4	17126	0	KED
⌊	**Se**	**78**	**51.435**	ug/L	0.442	0	14	1946	1	KED
	Y	**89**		ug/L			787121	702924	2	Standard
	Kr	**83**		ug/L			329	319	4	Standard
⌈>	**In-1**	**115**		ug/L			30151	27384	2	KED
⌈	**Mo**	**98**	**48.573**	ug/L	1.114	2	4	87649	1	KED
⌈	**Cd**	**111**	**48.843**	ug/L	0.730	1	3	19986	1	KED
⌊	**Cd**	**114**	**48.745**	ug/L	0.785	1	4	51653	1	KED
⌈>	**In**	**115**		ug/L			1531029	1318094	1	Standard
⌈	**Ag**	**107**	**51.557**	ug/L	1.601	3	86	814859	2	Standard
⌈	**Sb**	**121**	**48.532**	ug/L	0.445	0	67	951326	2	Standard
⌊	**Sb**	**123**	**49.780**	ug/L	1.150	2	51	745942	3	Standard
⌈	**Ba**	**135**	**52.244**	ug/L	1.228	2	44	361524	0	Standard
⌊	**Ba**	**137**	**51.393**	ug/L	1.525	2	73	628219	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2781307	0	Standard
⌈	**Tl**	**205**	**49.959**	ug/L	0.541	1	83	4471494	0	Standard
⌊	**Pb**	**208**	**49.074**	ug/L	0.684	1	1932	5748781	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:47:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1083958	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	134	4	10	78	Standard
	C	**13**		ug/L			30456	25699	1	Standard
	Cl	**37**		ug/L			6901546	7014993	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1361202	0	Standard
⎢	**V**	**51**	**0.018**	ug/L	0.005	28	7633	7349	2	Standard
⎢	**V-1**	**51**	**0.067**	ug/L	0.001	0	424	2393	0	Standard
⎢	**Cr**	**52**	**0.057**	ug/L	0.005	8	22604	21619	0	Standard
⎢	**Cr**	**53**	**0.213**	ug/L	0.011	5	248	858	3	Standard
⎢	**Fe**	**54**	**1.226**	ug/L	0.664	54	109957	101672	1	Standard
⎢	**Fe**	**57**	**4.266**	ug/L	0.319	7	21890	24173	1	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	17	1100	1171	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	95079	1	KED
⎢	**Co**	**59**	**-0.001**	ug/L	0.000	28	8	4	24	KED
⎢	**Ni**	**60**	**-0.005**	ug/L	0.004	90	63	52	14	KED
⎢	**Ni**	**62**	**-0.006**	ug/L	0.006	98	15	13	14	KED
⎢	**Cu**	**63**	**0.002**	ug/L	0.004	175	220	220	9	KED
⎢	**Cu**	**65**	**0.004**	ug/L	0.004	79	102	107	7	KED
⎢	**Zn**	**66**	**0.015**	ug/L	0.029	199	217	215	8	KED
⎢	**Zn**	**67**	**0.078**	ug/L	0.011	14	33	40	4	KED
⎢	**As**	**75**	**-0.003**	ug/L	0.004	152	4	3	37	KED
⌊	**Se**	**78**	**0.067**	ug/L	0.063	93	14	16	14	KED
	Y	**89**		ug/L			787121	706580	2	Standard
	Kr	**83**		ug/L			329	305	13	Standard
⌈>	**In-1**	**115**		ug/L			30151	27720	1	KED
⎢	**Mo**	**98**	**0.005**	ug/L	0.002	31	4	13	21	KED
⎢	**Cd**	**111**	**-0.000**	ug/L	0.003	4176	3	3	45	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	440	4	4	29	KED
⌈>	**In**	**115**		ug/L			1531029	1323544	1	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	134	86	78	5	Standard
⎢	**Sb**	**121**	**0.051**	ug/L	0.004	8	67	1071	9	Standard
⎢	**Sb**	**123**	**0.055**	ug/L	0.002	3	51	872	5	Standard
⎢	**Ba**	**135**	**0.008**	ug/L	0.002	25	44	94	13	Standard
⌊	**Ba**	**137**	**0.007**	ug/L	0.002	24	73	154	12	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2791665	0	Standard
⎢	**Tl**	**205**	**0.002**	ug/L	0.000	12	83	233	9	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	25	1932	1718	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0198-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:55:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1221161	1	Standard
	Be	9	0.000	ug/L	0.001	236	4	8	96	Standard
	C	13		ug/L			30456	80508	0	Standard
	Cl	37		ug/L			6901546	7125391	1	Standard
>	Sc	45		ug/L			1525311	1418207	0	Standard
	V	51	0.906	ug/L	0.054	5	7633	35103	3	Standard
	V-1	51	1.150	ug/L	0.019	1	424	36326	1	Standard
	Cr	52	7.031	ug/L	0.030	0	22604	207474	0	Standard
	Cr	53	7.594	ug/L	0.093	1	248	23835	1	Standard
	Fe	54	29.235	ug/L	0.235	0	109957	190445	1	Standard
	Fe	57	81.451	ug/L	0.304	0	21890	112614	1	Standard
	Mn	55	4.897	ug/L	0.067	1	1100	198004	1	Standard
>	Ge	72		ug/L			100487	86468	1	KED
	Co	59	0.049	ug/L	0.007	13	8	260	11	KED
	Ni	60	0.454	ug/L	0.007	1	63	731	3	KED
	Ni	62	0.501	ug/L	0.053	10	15	135	10	KED
	Cu	63	7.770	ug/L	0.059	0	220	34073	2	KED
	Cu	65	7.880	ug/L	0.033	0	102	17163	1	KED
	Zn	66	1.845	ug/L	0.109	5	217	1322	6	KED
	Zn	67	1.868	ug/L	0.321	17	33	218	13	KED
	As	75	0.082	ug/L	0.002	2	4	29	1	KED
	Se	78	0.252	ug/L	0.064	25	14	21	12	KED
	Y	89		ug/L			787121	688033	0	Standard
	Kr	83		ug/L			329	274	5	Standard
>	In-1	115		ug/L			30151	24877	0	KED
	Mo	98	44.806	ug/L	0.467	1	4	73479	0	KED
	Cd	111	0.014	ug/L	0.013	88	3	8	58	KED
	Cd	114	0.008	ug/L	0.010	123	4	11	84	KED
>	In	115		ug/L			1531029	1367442	0	Standard
	Ag	107	0.000	ug/L	0.000	126	86	82	7	Standard
	Sb	121	0.367	ug/L	0.006	1	67	7520	1	Standard
	Sb	123	0.377	ug/L	0.004	1	51	5904	1	Standard
	Ba	135	0.792	ug/L	0.025	3	44	5723	2	Standard
	Ba	137	0.780	ug/L	0.013	1	73	9959	1	Standard
>	Tb	159		ug/L			2910281	2770088	1	Standard
	Tl	205	0.011	ug/L	0.000	1	83	1024	0	Standard
	Pb	208	-0.007	ug/L	0.000	1	1932	1019	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0198-06
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:01:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1203993	1	Standard
[	Be	9	0.000	ug/L	0.000	2	4	7	0	Standard
	C	13		ug/L			30456	115317	1	Standard
	Cl	37		ug/L			6901546	7038851	1	Standard
[>	Sc	45		ug/L			1525311	1405750	0	Standard
[	V	51	1.095	ug/L	0.058	5	7633	40578	4	Standard
[	V-1	51	1.294	ug/L	0.018	1	424	40494	1	Standard
[	Cr	52	10.540	ug/L	0.053	0	22604	297867	0	Standard
[	Cr	53	10.843	ug/L	0.123	1	248	33632	1	Standard
[	Fe	54	31.775	ug/L	0.417	1	109957	196368	1	Standard
[	Fe	57	82.330	ug/L	0.484	0	21890	112612	1	Standard
[	Mn	55	4.945	ug/L	0.118	2	1100	198130	2	Standard
[>	Ge	72		ug/L			100487	85824	0	KED
[	Co	59	0.051	ug/L	0.007	14	8	267	13	KED
[	Ni	60	0.449	ug/L	0.024	5	63	718	5	KED
[	Ni	62	0.511	ug/L	0.106	20	15	137	19	KED
[	Cu	63	7.683	ug/L	0.130	1	220	33442	1	KED
[	Cu	65	7.914	ug/L	0.184	2	102	17109	2	KED
[	Zn	66	2.041	ug/L	0.125	6	217	1431	4	KED
[	Zn	67	1.849	ug/L	0.023	1	33	215	0	KED
[	As	75	0.091	ug/L	0.019	20	4	31	17	KED
[	Se	78	0.300	ug/L	0.093	30	14	22	13	KED
	Y	89		ug/L			787121	666569	1	Standard
	Kr	83		ug/L			329	330	7	Standard
[>	In-1	115		ug/L			30151	24694	1	KED
[	Mo	98	369.253	ug/L	5.656	1	4	601035	0	KED
[	Cd	111	0.090	ug/L	0.019	21	3	35	18	KED
[	Cd	114	0.067	ug/L	0.014	21	4	67	19	KED
[>	In	115		ug/L			1531029	1396718	1	Standard
[	Ag	107	-0.000	ug/L	0.001	829	86	76	18	Standard
[	Sb	121	0.319	ug/L	0.005	1	67	6684	1	Standard
[	Sb	123	0.318	ug/L	0.005	1	51	5101	1	Standard
[	Ba	135	0.772	ug/L	0.005	0	44	5703	1	Standard
[	Ba	137	0.764	ug/L	0.017	2	73	9966	1	Standard
[>	Tb	159		ug/L			2910281	2777197	0	Standard
[	Tl	205	0.012	ug/L	0.001	9	83	1123	8	Standard
[	Pb	208	-0.005	ug/L	0.000	2	1932	1250	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0198-07
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:07:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1189154	1	Standard
[	Be	9	0.000	ug/L	0.001	1165	4	5	78	Standard
	C	13		ug/L			30456	79811	0	Standard
	Cl	37		ug/L			6901546	6949249	0	Standard
[>	Sc	45		ug/L			1525311	1391201	0	Standard
[	V	51	1.103	ug/L	0.013	1	7633	40404	1	Standard
[	V-1	51	1.285	ug/L	0.007	0	424	39798	1	Standard
[	Cr	52	7.276	ug/L	0.025	0	22604	209878	0	Standard
[	Cr	53	7.641	ug/L	0.035	0	248	23522	0	Standard
[	Fe	54	26.719	ug/L	0.768	2	109957	179358	0	Standard
[	Fe	57	76.394	ug/L	0.806	1	21890	104853	1	Standard
[	Mn	55	4.479	ug/L	0.059	1	1100	177729	1	Standard
[>	Ge	72		ug/L			100487	87035	1	KED
[	Co	59	0.042	ug/L	0.003	7	8	226	7	KED
[	Ni	60	0.437	ug/L	0.025	5	63	711	6	KED
[	Ni	62	0.661	ug/L	0.040	6	15	175	6	KED
[	Cu	63	7.064	ug/L	0.124	1	220	31194	1	KED
[	Cu	65	7.075	ug/L	0.090	1	102	15521	0	KED
[	Zn	66	5.729	ug/L	0.120	2	217	3735	1	KED
[	Zn	67	5.498	ug/L	0.604	10	33	592	9	KED
[	As	75	0.117	ug/L	0.005	4	4	40	4	KED
[	Se	78	0.132	ug/L	0.157	118	14	17	30	KED
	Y	89		ug/L			787121	666240	1	Standard
	Kr	83		ug/L			329	337	6	Standard
[>	In-1	115		ug/L			30151	24817	0	KED
[	Mo	98	531.686	ug/L	4.167	0	4	869777	0	KED
[	Cd	111	0.130	ug/L	0.027	20	3	51	19	KED
[	Cd	114	0.105	ug/L	0.042	39	4	104	38	KED
[>	In	115		ug/L			1531029	1362705	1	Standard
[	Ag	107	-0.001	ug/L	0.001	122	86	61	30	Standard
[	Sb	121	0.254	ug/L	0.009	3	67	5206	1	Standard
[	Sb	123	0.257	ug/L	0.013	5	51	4026	3	Standard
[	Ba	135	0.774	ug/L	0.026	3	44	5578	1	Standard
[	Ba	137	0.767	ug/L	0.010	1	73	9757	0	Standard
[>	Tb	159		ug/L			2910281	2749651	1	Standard
[	Tl	205	0.012	ug/L	0.000	2	83	1168	1	Standard
[	Pb	208	-0.000	ug/L	0.001	410	1932	1806	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0114-01
Sample Dil Factor: 200
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:16:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1146949	2	Standard
[	Be	9	0.028	ug/L	0.003	12	4	200	9	Standard
	C	13		ug/L			30456	32869	2	Standard
	Cl	37		ug/L			6901546	7470889	0	Standard
[>	Sc	45		ug/L			1525311	1545503	3	Standard
[	V	51	6.674	ug/L	0.069	1	7633	232532	3	Standard
[	V-1	51	6.955	ug/L	0.160	2	424	237223	1	Standard
[	Cr	52	32.526	ug/L	0.686	2	22604	962409	1	Standard
[	Cr	53	32.503	ug/L	1.098	3	248	110252	1	Standard
[	Fe	54	5526.790	ug/L	115.846	2	109957	18273972	1	Standard
[	Fe	57	5678.865	ug/L	167.556	2	21890	7027007	0	Standard
[	Mn	55	481.963	ug/L	13.816	2	1100	21111613	1	Standard
[>	Ge	72		ug/L			100487	101869	2	KED
[	Co	59	1.157	ug/L	0.011	0	8	7026	2	KED
[	Ni	60	6.912	ug/L	0.094	1	63	12196	1	KED
[	Ni	62	7.001	ug/L	0.181	2	15	2026	3	KED
[	Cu	63	23.573	ug/L	0.361	1	220	121309	0	KED
[	Cu	65	23.755	ug/L	0.346	1	102	60749	1	KED
[	Zn	66	178.805	ug/L	0.895	0	217	129787	2	KED
[	Zn	67	167.669	ug/L	3.073	1	33	20167	2	KED
[	As	75	0.889	ug/L	0.043	4	4	329	4	KED
[	Se	78	0.078	ug/L	0.062	80	14	18	12	KED
	Y	89		ug/L			787121	787373	1	Standard
	Kr	83		ug/L			329	344	6	Standard
[>	In-1	115		ug/L			30151	28938	0	KED
[	Mo	98	0.973	ug/L	0.019	1	4	1859	1	KED
[	Cd	111	0.259	ug/L	0.015	5	3	115	5	KED
[	Cd	114	0.218	ug/L	0.015	6	4	248	7	KED
[>	In	115		ug/L			1531029	1533550	2	Standard
[	Ag	107	0.050	ug/L	0.004	7	86	1013	5	Standard
[	Sb	121	0.014	ug/L	0.002	12	67	384	9	Standard
[	Sb	123	0.015	ug/L	0.002	14	51	320	14	Standard
[	Ba	135	31.101	ug/L	0.703	2	44	250393	0	Standard
[	Ba	137	30.717	ug/L	0.745	2	73	436861	0	Standard
[>	Tb	159		ug/L			2910281	3029768	0	Standard
[	Tl	205	0.006	ug/L	0.000	2	83	710	3	Standard
[	Pb	208	15.231	ug/L	0.122	0	1932	1945088	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-03
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:21:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1116628	1	Standard
[	Be	9	0.007	ug/L	0.001	12	4	51	12	Standard
	C	13		ug/L			30456	51776	1	Standard
	Cl	37		ug/L			6901546	9021426	0	Standard
[>	Sc	45		ug/L			1525311	1643662	1	Standard
[	V	51	0.617	ug/L	0.011	1	7633	30324	2	Standard
[	V-1	51	2.397	ug/L	0.039	1	424	87303	1	Standard
[	Cr	52	0.511	ug/L	0.022	4	22604	40044	1	Standard
[	Cr	53	6.242	ug/L	0.140	2	248	22746	1	Standard
[	Fe	54	3461.177	ug/L	38.404	1	109957	12220487	0	Standard
[	Fe	57	3562.558	ug/L	28.406	0	21890	4700271	1	Standard
[	Mn	55	223.189	ug/L	2.138	0	1100	10403914	0	Standard
[>	Ge	72		ug/L			100487	96769	0	KED
[	Co	59	0.081	ug/L	0.005	6	8	476	6	KED
[	Ni	60	0.432	ug/L	0.005	1	63	782	1	KED
[	Ni	62	0.496	ug/L	0.053	10	15	150	8	KED
[	Cu	63	0.497	ug/L	0.016	3	220	2636	3	KED
[	Cu	65	0.496	ug/L	0.016	3	102	1301	2	KED
[	Zn	66	0.337	ug/L	0.046	13	217	441	6	KED
[	Zn	67	0.523	ug/L	0.018	3	33	91	2	KED
[	As	75	0.553	ug/L	0.028	5	4	196	4	KED
[	Se	78	0.130	ug/L	0.030	23	14	19	6	KED
	Y	89		ug/L			787121	733159	0	Standard
	Kr	83		ug/L			329	344	6	Standard
[>	In-1	115		ug/L			30151	27189	2	KED
[	Mo	98	22.078	ug/L	0.582	2	4	39558	0	KED
[	Cd	111	0.013	ug/L	0.008	60	3	8	35	KED
[	Cd	114	0.007	ug/L	0.007	102	4	11	69	KED
[>	In	115		ug/L			1531029	1425713	1	Standard
[	Ag	107	0.000	ug/L	0.001	770	86	81	14	Standard
[	Sb	121	0.039	ug/L	0.002	6	67	890	4	Standard
[	Sb	123	0.042	ug/L	0.002	3	51	724	4	Standard
[	Ba	135	3.584	ug/L	0.109	3	44	26857	1	Standard
[	Ba	137	3.536	ug/L	0.110	3	73	46816	2	Standard
[>	Tb	159		ug/L			2910281	2918584	0	Standard
[	Tl	205	0.002	ug/L	0.000	3	83	225	2	Standard
[	Pb	208	0.117	ug/L	0.002	1	1932	16286	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:28:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1219582	4	Standard
[	Be	9	0.039	ug/L	0.002	4	4	290	3	Standard
	C	13		ug/L			30456	49189	0	Standard
	Cl	37		ug/L			6901546	6644391	1	Standard
[>	Sc	45		ug/L			1525311	1678889	1	Standard
[	V	51	4.908	ug/L	0.106	2	7633	187964	0	Standard
[	V-1	51	4.943	ug/L	0.103	2	424	183342	0	Standard
[	Cr	52	0.833	ug/L	0.009	1	22604	51017	0	Standard
[	Cr	53	1.091	ug/L	0.003	0	248	4286	1	Standard
[	Fe	54	1558.208	ug/L	29.714	1	109957	5685542	0	Standard
[	Fe	57	1601.219	ug/L	24.040	1	21890	2170945	1	Standard
[	Mn	55	824.094	ug/L	18.745	2	1100	39230399	0	Standard
[>	Ge	72		ug/L			100487	99910	0	KED
[	Co	59	3.697	ug/L	0.063	1	8	22007	1	KED
[	Ni	60	8.572	ug/L	0.106	1	63	14822	1	KED
[	Ni	62	8.642	ug/L	0.215	2	15	2449	2	KED
[	Cu	63	5.935	ug/L	0.032	0	220	30127	0	KED
[	Cu	65	5.871	ug/L	0.135	2	102	14802	2	KED
[	Zn	66	3.758	ug/L	0.108	2	217	2887	2	KED
[	Zn	67	4.028	ug/L	0.259	6	33	507	6	KED
[	As	75	1.145	ug/L	0.019	1	4	415	1	KED
[	Se	78	0.230	ug/L	0.140	60	14	23	23	KED
	Y	89		ug/L			787121	813325	0	Standard
	Kr	83		ug/L			329	316	7	Standard
[>	In-1	115		ug/L			30151	27928	0	KED
[	Mo	98	0.775	ug/L	0.018	2	4	1431	2	KED
[	Cd	111	0.165	ug/L	0.017	10	3	72	10	KED
[	Cd	114	0.165	ug/L	0.015	8	4	182	8	KED
[>	In	115		ug/L			1531029	1443370	1	Standard
[	Ag	107	0.006	ug/L	0.001	22	86	188	14	Standard
[	Sb	121	0.089	ug/L	0.002	2	67	1981	2	Standard
[	Sb	123	0.093	ug/L	0.002	2	51	1570	1	Standard
[	Ba	135	11.302	ug/L	0.158	1	44	85685	0	Standard
[	Ba	137	11.251	ug/L	0.164	1	73	150678	0	Standard
[>	Tb	159		ug/L			2910281	2963882	0	Standard
[	Tl	205	0.082	ug/L	0.002	2	83	7915	1	Standard
[	Pb	208	1.063	ug/L	0.013	1	1932	134646	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:33:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1148438	3	Standard
[	Be	9	0.037	ug/L	0.006	17	4	257	15	Standard
	C	13		ug/L			30456	49015	2	Standard
	Cl	37		ug/L			6901546	6496442	1	Standard
[>	Sc	45		ug/L			1525311	1628575	1	Standard
[	V	51	5.119	ug/L	0.096	1	7633	189863	1	Standard
[	V-1	51	5.148	ug/L	0.088	1	424	185247	1	Standard
[	Cr	52	0.802	ug/L	0.031	3	22604	48563	2	Standard
[	Cr	53	1.050	ug/L	0.006	0	248	4011	1	Standard
[	Fe	54	1614.770	ug/L	7.557	0	109957	5712004	1	Standard
[	Fe	57	1656.340	ug/L	17.112	1	21890	2177646	1	Standard
[	Mn	55	844.564	ug/L	3.932	0	1100	39009215	1	Standard
[>	Ge	72		ug/L			100487	96711	0	KED
[	Co	59	3.782	ug/L	0.082	2	8	21789	1	KED
[	Ni	60	8.744	ug/L	0.035	0	63	14634	0	KED
[	Ni	62	8.965	ug/L	0.168	1	15	2458	0	KED
[	Cu	63	6.032	ug/L	0.208	3	220	29629	2	KED
[	Cu	65	6.010	ug/L	0.130	2	102	14663	1	KED
[	Zn	66	3.731	ug/L	0.083	2	217	2775	1	KED
[	Zn	67	4.309	ug/L	0.199	4	33	523	5	KED
[	As	75	1.190	ug/L	0.020	1	4	417	2	KED
[	Se	78	0.302	ug/L	0.094	31	14	25	13	KED
	Y	89		ug/L			787121	794191	2	Standard
	Kr	83		ug/L			329	343	4	Standard
[>	In-1	115		ug/L			30151	27030	1	KED
[	Mo	98	0.901	ug/L	0.041	4	4	1608	2	KED
[	Cd	111	0.150	ug/L	0.025	16	3	63	14	KED
[	Cd	114	0.156	ug/L	0.018	11	4	166	10	KED
[>	In	115		ug/L			1531029	1409737	0	Standard
[	Ag	107	0.007	ug/L	0.002	25	86	205	15	Standard
[	Sb	121	0.065	ug/L	0.002	2	67	1422	2	Standard
[	Sb	123	0.064	ug/L	0.001	1	51	1078	1	Standard
[	Ba	135	11.688	ug/L	0.127	1	44	86548	0	Standard
[	Ba	137	11.522	ug/L	0.220	1	73	150719	1	Standard
[>	Tb	159		ug/L			2910281	2898949	1	Standard
[	Tl	205	0.094	ug/L	0.000	0	83	8843	2	Standard
[	Pb	208	1.101	ug/L	0.019	1	1932	136332	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:38:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1130207	1	Standard
[	Be	9	25.124	ug/L	0.277	1	4	170688	0	Standard
	C	13		ug/L			30456	49108	1	Standard
	Cl	37		ug/L			6901546	6838811	0	Standard
[>	Sc	45		ug/L			1525311	1702754	2	Standard
[	V	51	26.792	ug/L	0.102	0	7633	1002817	1	Standard
[	V-1	51	26.758	ug/L	0.074	0	424	1004708	1	Standard
[	Cr	52	22.585	ug/L	0.114	0	22604	744253	1	Standard
[	Cr	53	22.626	ug/L	0.046	0	248	84705	1	Standard
[	Fe	54	6041.344	ug/L	57.228	0	109957	22006901	2	Standard
[	Fe	57	6155.943	ug/L	59.706	0	21890	8395394	1	Standard
[	Mn	55	862.057	ug/L	14.896	1	1100	41621423	1	Standard
[>	Ge	72		ug/L			100487	96813	0	KED
[	Co	59	29.661	ug/L	0.200	0	8	171045	0	KED
[	Ni	60	51.226	ug/L	0.343	0	63	85527	0	KED
[	Ni	62	50.900	ug/L	0.520	1	15	13903	0	KED
[	Cu	63	30.521	ug/L	0.395	1	220	149237	1	KED
[	Cu	65	31.339	ug/L	0.084	0	102	76141	0	KED
[	Zn	66	82.170	ug/L	0.530	0	217	56792	0	KED
[	Zn	67	79.057	ug/L	2.533	3	33	9054	2	KED
[	As	75	25.908	ug/L	0.303	1	4	9013	0	KED
[	Se	78	75.788	ug/L	1.332	1	14	2944	1	KED
	Y	89		ug/L			787121	774166	1	Standard
	Kr	83		ug/L			329	372	3	Standard
[>	In-1	115		ug/L			30151	27003	0	KED
[	Mo	98	0.935	ug/L	0.075	8	4	1668	7	KED
[	Cd	111	24.857	ug/L	0.540	2	3	10033	2	KED
[	Cd	114	24.644	ug/L	0.625	2	4	25758	2	KED
[>	In	115		ug/L			1531029	1404634	3	Standard
[	Ag	107	24.581	ug/L	0.824	3	86	413905	2	Standard
[	Sb	121	0.090	ug/L	0.004	4	67	1941	2	Standard
[	Sb	123	0.092	ug/L	0.006	6	51	1515	2	Standard
[	Ba	135	37.192	ug/L	0.987	2	44	274198	0	Standard
[	Ba	137	36.699	ug/L	1.185	3	73	477906	0	Standard
[>	Tb	159		ug/L			2910281	2943033	0	Standard
[	Tl	205	25.097	ug/L	0.190	0	83	2376955	0	Standard
[	Pb	208	24.485	ug/L	0.204	0	1932	3036296	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:44:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1160282	1	Standard
	Be	9	24.504	ug/L	0.280	1	4	170897	0	Standard
	C	13		ug/L			30456	51565	1	Standard
	Cl	37		ug/L			6901546	6859926	0	Standard
>	Sc	45		ug/L			1525311	1696568	1	Standard
	V	51	26.768	ug/L	0.011	0	7633	998306	1	Standard
	V-1	51	26.815	ug/L	0.085	0	424	1003251	1	Standard
	Cr	52	22.696	ug/L	0.213	0	22604	745071	0	Standard
	Cr	53	22.996	ug/L	0.212	0	248	85774	1	Standard
	Fe	54	6013.212	ug/L	24.575	0	109957	21826348	1	Standard
	Fe	57	6211.201	ug/L	67.949	1	21890	8440514	1	Standard
	Mn	55	842.532	ug/L	10.167	1	1100	40534754	0	Standard
>	Ge	72		ug/L			100487	96042	0	KED
	Co	59	29.613	ug/L	0.062	0	8	169408	0	KED
	Ni	60	34.291	ug/L	0.230	0	63	56818	1	KED
	Ni	62	34.218	ug/L	0.348	1	15	9277	1	KED
	Cu	63	30.840	ug/L	0.146	0	220	149593	0	KED
	Cu	65	30.878	ug/L	0.362	1	102	74427	1	KED
	Zn	66	83.886	ug/L	0.930	1	217	57511	0	KED
	Zn	67	80.129	ug/L	3.111	3	33	9105	4	KED
	As	75	26.103	ug/L	0.062	0	4	9009	0	KED
	Se	78	78.785	ug/L	0.581	0	14	3035	0	KED
	Y	89		ug/L			787121	797487	0	Standard
	Kr	83		ug/L			329	358	12	Standard
>	In-1	115		ug/L			30151	26914	0	KED
	Mo	98	0.939	ug/L	0.029	3	4	1670	3	KED
	Cd	111	24.831	ug/L	0.091	0	3	9990	0	KED
	Cd	114	25.281	ug/L	0.228	0	4	26340	1	KED
>	In	115		ug/L			1531029	1400802	2	Standard
	Ag	107	24.825	ug/L	0.592	2	86	417008	2	Standard
	Sb	121	0.099	ug/L	0.002	1	67	2125	2	Standard
	Sb	123	0.099	ug/L	0.005	5	51	1625	3	Standard
	Ba	135	37.195	ug/L	1.187	3	44	273458	0	Standard
	Ba	137	37.020	ug/L	0.908	2	73	480887	0	Standard
>	Tb	159		ug/L			2910281	2913701	0	Standard
	Tl	205	25.303	ug/L	0.198	0	83	2372640	0	Standard
	Pb	208	24.933	ug/L	0.113	0	1932	3060925	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:52:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1142047	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	286	4	5	57	Standard
	C	**13**		ug/L			30456	29023	3	Standard
	Cl	**37**		ug/L			6901546	6692731	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1447885	1	Standard
⌈	**V**	**51**	**0.012**	ug/L	0.004	28	7633	7629	0	Standard
⌊	**V-1**	**51**	**0.018**	ug/L	0.001	6	424	967	3	Standard
⌈	**Cr**	**52**	**0.045**	ug/L	0.013	28	22604	22683	0	Standard
⌊	**Cr**	**53**	**0.062**	ug/L	0.005	7	248	432	2	Standard
⌈	**Fe**	**54**	**0.679**	ug/L	0.659	97	109957	106455	1	Standard
⌊	**Fe**	**57**	**6.032**	ug/L	0.304	5	21890	27758	2	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	10	1100	1373	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	98541	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	153	8	7	25	KED
⌊	**Ni**	**60**	**-0.016**	ug/L	0.004	23	63	35	16	KED
⌈	**Ni**	**62**	**-0.001**	ug/L	0.025	2215	15	15	45	KED
⌈	**Cu**	**63**	**-0.007**	ug/L	0.001	17	220	181	1	KED
⌊	**Cu**	**65**	**-0.014**	ug/L	0.005	33	102	67	18	KED
⌈	**Zn**	**66**	**-0.082**	ug/L	0.025	30	217	156	10	KED
⌊	**Zn**	**67**	**0.005**	ug/L	0.075	1526	33	33	27	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.004	124	4	3	37	KED
⌊	**Se**	**78**	**0.001**	ug/L	0.070	6463	14	14	19	KED
	Y	**89**		ug/L			787121	717422	1	Standard
	Kr	**83**		ug/L			329	306	6	Standard
⌈>	**In-1**	**115**		ug/L			30151	27920	0	KED
⌈	**Mo**	**98**	**0.000**	ug/L	0.001	402	4	5	45	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.004	68	3	5	26	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	106	4	3	33	KED
⌈>	**In**	**115**		ug/L			1531029	1417049	2	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	2036	86	80	20	Standard
⌈	**Sb**	**121**	**0.000**	ug/L	0.001	154	67	69	18	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.000	33	51	67	11	Standard
⌈	**Ba**	**135**	**0.009**	ug/L	0.003	31	44	104	20	Standard
⌊	**Ba**	**137**	**0.008**	ug/L	0.002	27	73	173	18	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2847403	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	114	83	105	26	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.001	13	1932	1335	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:58:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1135216	1	Standard
	Be	**9**	**50.797**	ug/L	0.850	1	4	346611	0	Standard
	C	**13**		ug/L			30456	27703	1	Standard
	Cl	**37**		ug/L			6901546	7616982	0	Standard
>	**Sc**	**45**		ug/L			1525311	1446675	0	Standard
	V	**51**	**50.176**	ug/L	0.395	0	7633	1589283	0	Standard
	V-1	**51**	**50.263**	ug/L	0.303	0	424	1603053	0	Standard
	Cr	**52**	**50.389**	ug/L	0.760	1	22604	1384378	0	Standard
	Cr	**53**	**50.660**	ug/L	0.573	1	248	160838	1	Standard
	Fe	**54**	**5159.636**	ug/L	24.029	0	109957	15984092	1	Standard
	Fe	**57**	**5130.879**	ug/L	88.537	1	21890	5949492	2	Standard
	Mn	**55**	**51.853**	ug/L	0.288	0	1100	2128415	0	Standard
>	**Ge**	**72**		ug/L			100487	100376	1	KED
	Co	**59**	**49.262**	ug/L	1.226	2	8	294470	1	KED
	Ni	**60**	**49.516**	ug/L	0.595	1	63	85709	0	KED
	Ni	**62**	**50.093**	ug/L	1.308	2	15	14184	1	KED
	Cu	**63**	**49.689**	ug/L	0.726	1	220	251734	0	KED
	Cu	**65**	**49.740**	ug/L	1.282	2	102	125216	1	KED
	Zn	**66**	**50.549**	ug/L	1.083	2	217	36301	1	KED
	Zn	**67**	**51.534**	ug/L	0.960	1	33	6131	2	KED
	As	**75**	**49.169**	ug/L	0.870	1	4	17730	0	KED
	Se	**78**	**49.618**	ug/L	0.545	1	14	2003	0	KED
	Y	**89**		ug/L			787121	727000	0	Standard
	Kr	**83**		ug/L			329	274	6	Standard
>	**In-1**	**115**		ug/L			30151	27472	1	KED
	Mo	**98**	**48.935**	ug/L	0.939	1	4	88613	1	KED
	Cd	**111**	**50.069**	ug/L	0.596	1	3	20557	0	KED
	Cd	**114**	**49.702**	ug/L	0.410	0	4	52848	0	KED
>	**In**	**115**		ug/L			1531029	1399030	3	Standard
	Ag	**107**	**50.263**	ug/L	1.470	2	86	842791	0	Standard
	Sb	**121**	**49.258**	ug/L	0.926	1	67	1024345	1	Standard
	Sb	**123**	**50.501**	ug/L	1.222	2	51	802740	0	Standard
	Ba	**135**	**49.861**	ug/L	1.487	2	44	366061	0	Standard
	Ba	**137**	**49.964**	ug/L	1.761	3	73	647923	0	Standard
>	**Tb**	**159**		ug/L			2910281	2922873	1	Standard
	Tl	**205**	**49.912**	ug/L	1.330	2	83	4694612	2	Standard
	Pb	**208**	**48.790**	ug/L	0.660	1	1932	6007124	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:05:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1140590	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	222	4	6	62	Standard
	C	**13**		ug/L			30456	26292	0	Standard
	Cl	**37**		ug/L			6901546	7236227	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1428661	0	Standard
⎢	**V**	**51**	**0.008**	ug/L	0.007	92	7633	7391	3	Standard
⎢	**V-1**	**51**	**0.015**	ug/L	0.001	4	424	867	3	Standard
⎢	**Cr**	**52**	**0.028**	ug/L	0.015	54	22604	21911	1	Standard
⎢	**Cr**	**53**	**0.050**	ug/L	0.009	17	248	389	7	Standard
⎢	**Fe**	**54**	**0.624**	ug/L	0.362	57	109957	104886	1	Standard
⎢	**Fe**	**57**	**11.095**	ug/L	0.351	3	21890	33164	1	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	12	1100	1299	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	98086	2	KED
⎢	**Co**	**59**	**-0.000**	ug/L	0.001	171	8	6	62	KED
⎢	**Ni**	**60**	**-0.008**	ug/L	0.004	44	63	48	9	KED
⎢	**Ni**	**62**	**0.008**	ug/L	0.020	247	15	17	32	KED
⎢	**Cu**	**63**	**-0.000**	ug/L	0.005	7965	220	215	11	KED
⎢	**Cu**	**65**	**0.009**	ug/L	0.010	108	102	122	17	KED
⎢	**Zn**	**66**	**0.005**	ug/L	0.016	356	217	215	6	KED
⎢	**Zn**	**67**	**-0.004**	ug/L	0.044	992	33	31	17	KED
⎢	**As**	**75**	**-0.001**	ug/L	0.001	233	4	4	13	KED
⌊	**Se**	**78**	**0.041**	ug/L	0.056	135	14	15	10	KED
	Y	**89**		ug/L			787121	713308	0	Standard
	Kr	**83**		ug/L			329	296	6	Standard
⌈>	**In-1**	**115**		ug/L			30151	27378	1	KED
⎢	**Mo**	**98**	**0.008**	ug/L	0.001	19	4	18	14	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.004	132	3	1	86	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	237	4	4	45	KED
⌈>	**In**	**115**		ug/L			1531029	1410524	0	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.000	150	86	76	5	Standard
⎢	**Sb**	**121**	**0.050**	ug/L	0.001	1	67	1120	1	Standard
⎢	**Sb**	**123**	**0.052**	ug/L	0.002	2	51	880	3	Standard
⎢	**Ba**	**135**	**0.008**	ug/L	0.002	23	44	102	13	Standard
⌊	**Ba**	**137**	**0.009**	ug/L	0.001	15	73	179	9	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2864863	0	Standard
⎢	**Tl**	**205**	**0.002**	ug/L	0.000	7	83	227	4	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	377	1932	1895	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:11:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1171448	2	Standard
[	Be	9	0.001	ug/L	0.000	25	4	8	13	Standard
	C	13		ug/L			30456	44534	0	Standard
	Cl	37		ug/L			6901546	7086489	0	Standard
[>	Sc	45		ug/L			1525311	1457900	0	Standard
[	V	51	0.040	ug/L	0.001	2	7633	8563	0	Standard
[	V-1	51	0.043	ug/L	0.000	0	424	1777	0	Standard
[	Cr	52	0.330	ug/L	0.007	2	22604	30604	0	Standard
[	Cr	53	0.329	ug/L	0.007	2	248	1287	1	Standard
[	Fe	54	12.032	ug/L	0.948	7	109957	142430	2	Standard
[	Fe	57	16.073	ug/L	0.253	1	21890	39640	1	Standard
[	Mn	55	0.055	ug/L	0.001	2	1100	3317	1	Standard
[>	Ge	72		ug/L			100487	99890	1	KED
[	Co	59	0.003	ug/L	0.001	31	8	27	21	KED
[	Ni	60	-0.012	ug/L	0.004	34	63	41	16	KED
[	Ni	62	0.016	ug/L	0.011	66	15	20	14	KED
[	Cu	63	0.010	ug/L	0.004	45	220	269	9	KED
[	Cu	65	0.009	ug/L	0.005	58	102	125	11	KED
[	Zn	66	0.564	ug/L	0.058	10	217	617	6	KED
[	Zn	67	0.493	ug/L	0.146	29	33	90	18	KED
[	As	75	0.000	ug/L	0.006	1234	4	4	46	KED
[	Se	78	-0.035	ug/L	0.074	212	14	13	22	KED
	Y	89		ug/L			787121	743005	0	Standard
	Kr	83		ug/L			329	315	4	Standard
[>	In-1	115		ug/L			30151	28785	1	KED
[	Mo	98	0.006	ug/L	0.002	28	4	16	21	KED
[	Cd	111	0.000	ug/L	0.004	866	3	3	41	KED
[	Cd	114	0.003	ug/L	0.003	99	4	7	45	KED
[>	In	115		ug/L			1531029	1489489	1	Standard
[	Ag	107	0.001	ug/L	0.001	70	86	104	13	Standard
[	Sb	121	0.019	ug/L	0.002	8	67	486	6	Standard
[	Sb	123	0.022	ug/L	0.000	2	51	425	3	Standard
[	Ba	135	0.095	ug/L	0.005	5	44	787	5	Standard
[	Ba	137	0.091	ug/L	0.007	7	73	1333	6	Standard
[>	Tb	159		ug/L			2910281	2957088	0	Standard
[	Tl	205	0.001	ug/L	0.000	26	83	179	13	Standard
[	Pb	208	0.011	ug/L	0.000	4	1932	3381	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:15:54

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1092901	9	Standard
	Be	**9**	**21.285**	ug/L	1.784	8	4	139069	2	Standard
	C	**13**		ug/L			30456	46704	2	Standard
	Cl	**37**		ug/L			6901546	7714855	1	Standard
>	**Sc**	**45**		ug/L			1525311	1410440	7	Standard
	V	**51**	**21.272**	ug/L	1.424	6	7633	658870	1	Standard
	V-1	**51**	**21.291**	ug/L	1.566	7	424	659920	1	Standard
	Cr	**52**	**21.924**	ug/L	0.940	4	22604	597893	3	Standard
	Cr	**53**	**21.962**	ug/L	1.414	6	248	67897	1	Standard
	Fe	**54**	**5465.747**	ug/L	421.725	7	109957	16440054	0	Standard
	Fe	**57**	**5430.896**	ug/L	390.028	7	21890	6116689	1	Standard
	Mn	**55**	**24.342**	ug/L	1.581	6	1100	971563	1	Standard
>	**Ge**	**72**		ug/L			100487	99362	0	KED
	Co	**59**	**21.284**	ug/L	0.462	2	8	125969	2	KED
	Ni	**60**	**20.845**	ug/L	0.347	1	63	35756	1	KED
	Ni	**62**	**20.943**	ug/L	0.461	2	15	5880	2	KED
	Cu	**63**	**20.591**	ug/L	0.147	0	220	103404	0	KED
	Cu	**65**	**20.855**	ug/L	0.123	0	102	52036	0	KED
	Zn	**66**	**65.080**	ug/L	0.469	0	217	46209	0	KED
	Zn	**67**	**61.918**	ug/L	1.496	2	33	7285	2	KED
	As	**75**	**19.994**	ug/L	0.087	0	4	7140	0	KED
	Se	**78**	**61.609**	ug/L	1.336	2	14	2459	2	KED
	Y	**89**		ug/L			787121	699848	8	Standard
	Kr	**83**		ug/L			329	296	5	Standard
>	**In-1**	**115**		ug/L			30151	28063	2	KED
	Mo	**98**	**23.566**	ug/L	0.670	2	4	43579	0	KED
	Cd	**111**	**20.034**	ug/L	0.670	3	3	8400	0	KED
	Cd	**114**	**20.128**	ug/L	0.402	1	4	21862	2	KED
>	**In**	**115**		ug/L			1531029	1387966	7	Standard
	Ag	**107**	**21.551**	ug/L	1.733	8	86	357409	1	Standard
	Sb	**121**	**23.789**	ug/L	2.054	8	67	488975	1	Standard
	Sb	**123**	**24.671**	ug/L	1.760	7	51	387961	1	Standard
	Ba	**135**	**21.465**	ug/L	1.484	6	44	155961	1	Standard
	Ba	**137**	**21.281**	ug/L	1.305	6	73	273248	1	Standard
>	**Tb**	**159**		ug/L			2910281	2842206	8	Standard
	Tl	**205**	**20.551**	ug/L	1.626	7	83	1871554	0	Standard
	Pb	**208**	**20.355**	ug/L	1.645	8	1932	2426959	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:21:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1139550	0	Standard
	Be	9	20.388	ug/L	0.401	1	4	139659	1	Standard
	C	13		ug/L			30456	47509	1	Standard
	Cl	37		ug/L			6901546	7724915	0	Standard
>	Sc	45		ug/L			1525311	1464605	0	Standard
	V	51	20.670	ug/L	0.103	0	7633	667186	1	Standard
	V-1	51	20.691	ug/L	0.110	0	424	668380	1	Standard
	Cr	52	21.002	ug/L	0.212	1	22604	596877	1	Standard
	Cr	53	21.058	ug/L	0.278	1	248	67828	2	Standard
	Fe	54	5224.651	ug/L	34.640	0	109957	16384195	0	Standard
	Fe	57	5177.643	ug/L	52.656	1	21890	6077210	0	Standard
	Mn	55	23.152	ug/L	0.204	0	1100	962742	1	Standard
>	Ge	72		ug/L			100487	98423	0	KED
	Co	59	21.125	ug/L	0.559	2	8	123830	1	KED
	Ni	60	20.914	ug/L	0.319	1	63	35533	1	KED
	Ni	62	20.516	ug/L	0.138	0	15	5706	0	KED
	Cu	63	20.399	ug/L	0.096	0	220	101473	0	KED
	Cu	65	20.616	ug/L	0.120	0	102	50953	0	KED
	Zn	66	64.776	ug/L	0.744	1	217	45557	0	KED
	Zn	67	61.562	ug/L	1.677	2	33	7176	3	KED
	As	75	20.129	ug/L	0.285	1	4	7120	0	KED
	Se	78	62.314	ug/L	0.931	1	14	2463	1	KED
	Y	89		ug/L			787121	736765	2	Standard
	Kr	83		ug/L			329	308	3	Standard
>	In-1	115		ug/L			30151	27879	2	KED
	Mo	98	23.247	ug/L	0.711	3	4	42705	1	KED
	Cd	111	20.245	ug/L	0.510	2	3	8434	1	KED
	Cd	114	20.422	ug/L	0.441	2	4	22033	1	KED
>	In	115		ug/L			1531029	1430338	2	Standard
	Ag	107	21.147	ug/L	0.102	0	86	362769	2	Standard
	Sb	121	23.510	ug/L	0.422	1	67	499940	0	Standard
	Sb	123	23.978	ug/L	0.747	3	51	389729	1	Standard
	Ba	135	20.869	ug/L	0.520	2	44	156712	0	Standard
	Ba	137	20.363	ug/L	0.531	2	73	270111	0	Standard
>	Tb	159		ug/L			2910281	2932271	1	Standard
	Tl	205	19.709	ug/L	0.120	0	83	1859936	1	Standard
	Pb	208	19.716	ug/L	0.229	1	1932	2436167	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-04RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:30:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1112460	0	Standard
[	Be	9	0.004	ug/L	0.000	10	4	32	10	Standard
	C	13		ug/L			30456	51323	0	Standard
	Cl	37		ug/L			6901546	9146948	0	Standard
[>	Sc	45		ug/L			1525311	1630159	2	Standard
[	V	51	0.449	ug/L	0.010	2	7633	24104	3	Standard
[	V-1	51	2.395	ug/L	0.044	1	424	86474	1	Standard
[	Cr	52	0.265	ug/L	0.035	13	22604	32222	1	Standard
[	Cr	53	6.531	ug/L	0.191	2	248	23586	1	Standard
[	Fe	54	2660.389	ug/L	42.516	1	109957	9342305	2	Standard
[	Fe	57	2655.799	ug/L	87.986	3	21890	3479348	1	Standard
[	Mn	55	215.086	ug/L	2.618	1	1100	9943454	2	Standard
[>	Ge	72		ug/L			100487	92690	2	KED
[	Co	59	0.065	ug/L	0.004	5	8	366	5	KED
[	Ni	60	0.381	ug/L	0.023	6	63	666	3	KED
[	Ni	62	0.362	ug/L	0.047	13	15	109	11	KED
[	Cu	63	0.441	ug/L	0.018	4	220	2266	3	KED
[	Cu	65	0.431	ug/L	0.007	1	102	1097	2	KED
[	Zn	66	0.813	ug/L	0.022	2	217	736	0	KED
[	Zn	67	0.833	ug/L	0.136	16	33	121	10	KED
[	As	75	0.502	ug/L	0.013	2	4	171	4	KED
[	Se	78	0.070	ug/L	0.037	52	14	16	7	KED
	Y	89		ug/L			787121	715349	3	Standard
	Kr	83		ug/L			329	320	0	Standard
[>	In-1	115		ug/L			30151	27204	0	KED
[	Mo	98	21.574	ug/L	0.325	1	4	38689	0	KED
[	Cd	111	0.002	ug/L	0.005	289	3	3	50	KED
[	Cd	114	0.009	ug/L	0.006	73	4	12	51	KED
[>	In	115		ug/L			1531029	1350380	2	Standard
[	Ag	107	-0.000	ug/L	0.000	1197	86	75	5	Standard
[	Sb	121	0.042	ug/L	0.002	3	67	892	4	Standard
[	Sb	123	0.044	ug/L	0.004	9	51	727	7	Standard
[	Ba	135	2.607	ug/L	0.060	2	44	18514	0	Standard
[	Ba	137	2.586	ug/L	0.058	2	73	32446	0	Standard
[>	Tb	159		ug/L			2910281	2920804	0	Standard
[	Tl	205	0.002	ug/L	0.000	12	83	251	9	Standard
[	Pb	208	0.011	ug/L	0.001	4	1932	3329	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-02RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:36:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1177152	0	Standard
[	Be	9	0.012	ug/L	0.002	13	4	92	11	Standard
	C	13		ug/L			30456	49861	1	Standard
	Cl	37		ug/L			6901546	6451004	0	Standard
[>	Sc	45		ug/L			1525311	1626926	1	Standard
[	V	51	1.168	ug/L	0.024	2	7633	49547	1	Standard
[	V-1	51	1.237	ug/L	0.019	1	424	44803	1	Standard
[	Cr	52	0.216	ug/L	0.025	11	22604	30682	1	Standard
[	Cr	53	0.473	ug/L	0.016	3	248	1949	1	Standard
[	Fe	54	75.100	ug/L	1.278	1	109957	377174	0	Standard
[	Fe	57	80.217	ug/L	2.163	2	21890	127567	1	Standard
[	Mn	55	255.343	ug/L	0.959	0	1100	11782313	1	Standard
[>	Ge	72		ug/L			100487	97887	0	KED
[	Co	59	0.176	ug/L	0.007	4	8	1036	4	KED
[	Ni	60	2.265	ug/L	0.027	1	63	3882	1	KED
[	Ni	62	2.200	ug/L	0.055	2	15	622	1	KED
[	Cu	63	2.400	ug/L	0.020	0	220	12060	0	KED
[	Cu	65	2.430	ug/L	0.085	3	102	6062	3	KED
[	Zn	66	1.228	ug/L	0.080	6	217	1067	4	KED
[	Zn	67	1.543	ug/L	0.363	23	33	210	19	KED
[	As	75	0.273	ug/L	0.021	7	4	100	7	KED
[	Se	78	0.073	ug/L	0.062	85	14	17	14	KED
	Y	89		ug/L			787121	758762	1	Standard
	Kr	83		ug/L			329	311	7	Standard
[>	In-1	115		ug/L			30151	27547	0	KED
[	Mo	98	0.523	ug/L	0.010	1	4	954	2	KED
[	Cd	111	0.044	ug/L	0.006	13	3	21	11	KED
[	Cd	114	0.033	ug/L	0.008	24	4	39	21	KED
[>	In	115		ug/L			1531029	1462916	2	Standard
[	Ag	107	0.001	ug/L	0.001	97	86	95	11	Standard
[	Sb	121	0.047	ug/L	0.002	4	67	1087	3	Standard
[	Sb	123	0.049	ug/L	0.005	9	51	857	10	Standard
[	Ba	135	4.280	ug/L	0.155	3	44	32898	1	Standard
[	Ba	137	4.203	ug/L	0.150	3	73	57068	1	Standard
[>	Tb	159		ug/L			2910281	2928228	0	Standard
[	Tl	205	0.014	ug/L	0.000	1	83	1429	1	Standard
[	Pb	208	0.027	ug/L	0.001	3	1932	5279	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:42:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1139494	2	Standard
[	Be	9	0.013	ug/L	0.003	23	4	95	23	Standard
	C	13		ug/L			30456	50485	0	Standard
	Cl	37		ug/L			6901546	6216250	1	Standard
[>	Sc	45		ug/L			1525311	1531068	2	Standard
[	V	51	1.165	ug/L	0.003	0	7633	46539	2	Standard
[	V-1	51	1.210	ug/L	0.005	0	424	41250	2	Standard
[	Cr	52	0.241	ug/L	0.014	5	22604	29572	1	Standard
[	Cr	53	0.417	ug/L	0.011	2	248	1650	1	Standard
[	Fe	54	76.106	ug/L	0.455	0	109957	358273	2	Standard
[	Fe	57	82.277	ug/L	1.662	2	21890	122596	3	Standard
[	Mn	55	253.643	ug/L	4.939	1	1100	11015320	3	Standard
[>	Ge	72		ug/L			100487	97570	1	KED
[	Co	59	0.180	ug/L	0.010	5	8	1057	5	KED
[	Ni	60	2.164	ug/L	0.058	2	63	3699	1	KED
[	Ni	62	2.174	ug/L	0.212	9	15	612	8	KED
[	Cu	63	2.322	ug/L	0.040	1	220	11640	1	KED
[	Cu	65	2.425	ug/L	0.107	4	102	6032	5	KED
[	Zn	66	1.436	ug/L	0.054	3	217	1207	3	KED
[	Zn	67	1.681	ug/L	0.112	6	33	225	5	KED
[	As	75	0.265	ug/L	0.003	1	4	97	2	KED
[	Se	78	0.099	ug/L	0.061	61	14	18	11	KED
	Y	89		ug/L			787121	742383	3	Standard
	Kr	83		ug/L			329	305	0	Standard
[>	In-1	115		ug/L			30151	27652	0	KED
[	Mo	98	0.499	ug/L	0.007	1	4	913	1	KED
[	Cd	111	0.048	ug/L	0.013	26	3	23	22	KED
[	Cd	114	0.033	ug/L	0.006	16	4	39	15	KED
[>	In	115		ug/L			1531029	1402813	3	Standard
[	Ag	107	0.001	ug/L	0.000	47	86	96	6	Standard
[	Sb	121	0.083	ug/L	0.002	2	67	1786	1	Standard
[	Sb	123	0.082	ug/L	0.003	4	51	1358	0	Standard
[	Ba	135	4.202	ug/L	0.030	0	44	30990	3	Standard
[	Ba	137	4.229	ug/L	0.071	1	73	55081	2	Standard
[>	Tb	159		ug/L			2910281	2865035	2	Standard
[	Tl	205	0.013	ug/L	0.000	2	83	1311	4	Standard
[	Pb	208	0.031	ug/L	0.002	6	1932	5669	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:48:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1150945	1	Standard
⌊	**Be**	**9**	**22.584**	ug/L	0.580	2	4	156226	1	Standard
	C	**13**		ug/L			30456	48811	0	Standard
	Cl	**37**		ug/L			6901546	6599669	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1662843	0	Standard
⌈	**V**	**51**	**21.655**	ug/L	0.190	0	7633	793215	1	Standard
⌊	**V-1**	**51**	**21.710**	ug/L	0.227	1	424	796217	1	Standard
⌈	**Cr**	**52**	**21.034**	ug/L	0.205	0	22604	678618	0	Standard
⌊	**Cr**	**53**	**21.233**	ug/L	0.147	0	248	77644	0	Standard
⌈	**Fe**	**54**	**4592.796**	ug/L	17.517	0	109957	16366892	0	Standard
⌊	**Fe**	**57**	**4651.656**	ug/L	3.795	0	21890	6201618	0	Standard
	Mn	**55**	**271.397**	ug/L	3.444	1	1100	12798808	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	92086	9	KED
⌈	**Co**	**59**	**25.133**	ug/L	1.579	6	8	137301	3	KED
⌊	**Ni**	**60**	**26.937**	ug/L	2.180	8	63	42585	2	KED
⌈	**Ni**	**62**	**26.482**	ug/L	2.563	9	15	6846	2	KED
⌈	**Cu**	**63**	**26.371**	ug/L	2.178	8	220	122027	1	KED
⌊	**Cu**	**65**	**26.704**	ug/L	1.960	7	102	61444	3	KED
⌈	**Zn**	**66**	**74.695**	ug/L	5.104	6	217	48909	3	KED
⌊	**Zn**	**67**	**73.253**	ug/L	4.030	5	33	7954	4	KED
⌈	**As**	**75**	**23.847**	ug/L	1.930	8	4	7851	2	KED
⌊	**Se**	**78**	**72.679**	ug/L	3.848	5	14	2678	5	KED
	Y	**89**		ug/L			787121	759138	2	Standard
	Kr	**83**		ug/L			329	363	2	Standard
⌈>	**In-1**	**115**		ug/L			30151	27313	2	KED
⌈	**Mo**	**98**	**23.750**	ug/L	0.125	0	4	42763	1	KED
⌈	**Cd**	**111**	**23.064**	ug/L	0.296	1	3	9416	1	KED
⌊	**Cd**	**114**	**22.747**	ug/L	0.299	1	4	24049	2	KED
⌈>	**In**	**115**		ug/L			1531029	1402415	2	Standard
⌈	**Ag**	**107**	**23.532**	ug/L	0.158	0	86	395829	2	Standard
⌊	**Sb**	**121**	**23.788**	ug/L	0.042	0	67	496103	2	Standard
⌈	**Sb**	**123**	**24.161**	ug/L	0.363	1	51	385112	1	Standard
⌈	**Ba**	**135**	**28.619**	ug/L	0.750	2	44	210694	1	Standard
⌊	**Ba**	**137**	**28.252**	ug/L	0.651	2	73	367453	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2948200	0	Standard
⌈	**Tl**	**205**	**23.653**	ug/L	0.380	1	83	2244257	1	Standard
⌊	**Pb**	**208**	**22.208**	ug/L	0.213	0	1932	2758969	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:55:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1107873	1162040	4	Standard
⌊	Be	9	22.790	ug/L	0.761	3	4	159044	1	Standard
	C	13		ug/L			30456	47751	1	Standard
	Cl	37		ug/L			6901546	6678893	0	Standard
⌈>	Sc	45		ug/L			1525311	1670614	1	Standard
⌈	V	51	21.862	ug/L	0.151	0	7633	804359	0	Standard
⌊	V-1	51	21.948	ug/L	0.236	1	424	808623	1	Standard
⌈	Cr	52	21.061	ug/L	0.401	1	22604	682592	1	Standard
⌊	Cr	53	21.368	ug/L	0.277	1	248	78496	1	Standard
⌈	Fe	54	4627.066	ug/L	8.865	0	109957	16565162	0	Standard
⌊	Fe	57	4593.682	ug/L	23.965	0	21890	6153419	1	Standard
	Mn	55	272.667	ug/L	5.132	1	1100	12917762	0	Standard
⌈>	Ge	72		ug/L			100487	94420	0	KED
⌈	Co	59	24.869	ug/L	0.492	1	8	139861	1	KED
⌊	Ni	60	26.142	ug/L	0.293	1	63	42598	1	KED
⌈	Ni	62	26.047	ug/L	0.654	2	15	6947	3	KED
⌈	Cu	63	25.714	ug/L	0.168	0	220	122658	1	KED
⌊	Cu	65	26.510	ug/L	0.390	1	102	62831	1	KED
⌈	Zn	66	73.984	ug/L	1.383	1	217	49886	1	KED
⌊	Zn	67	71.335	ug/L	0.591	0	33	7971	1	KED
⌈	As	75	23.416	ug/L	0.098	0	4	7946	1	KED
⌊	Se	78	70.996	ug/L	0.409	0	14	2690	0	KED
	Y	89		ug/L			787121	767561	1	Standard
	Kr	83		ug/L			329	354	5	Standard
⌈>	In-1	115		ug/L			30151	27721	0	KED
⌈	Mo	98	23.888	ug/L	0.190	0	4	43653	0	KED
⌈	Cd	111	22.886	ug/L	0.277	1	3	9484	1	KED
⌊	Cd	114	22.883	ug/L	0.312	1	4	24554	0	KED
⌈>	In	115		ug/L			1531029	1442598	1	Standard
⌈	Ag	107	23.846	ug/L	0.903	3	86	412628	4	Standard
⌊	Sb	121	23.363	ug/L	0.465	1	67	501100	0	Standard
⌈	Sb	123	24.164	ug/L	0.480	1	51	396220	0	Standard
⌈	Ba	135	27.989	ug/L	0.788	2	44	211990	1	Standard
⌊	Ba	137	27.581	ug/L	0.421	1	73	369087	1	Standard
⌈>	Tb	159		ug/L			2910281	3001381	0	Standard
⌈	Tl	205	23.458	ug/L	0.344	1	83	2265783	1	Standard
⌊	Pb	208	22.093	ug/L	0.130	0	1932	2794074	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:04:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1166648	2	Standard
[	Be	9	0.002	ug/L	0.001	42	4	19	29	Standard
	C	13		ug/L			30456	48881	1	Standard
	Cl	37		ug/L			6901546	7881069	0	Standard
[>	Sc	45		ug/L			1525311	1529777	0	Standard
[	V	51	0.118	ug/L	0.008	6	7633	11590	1	Standard
[	V-1	51	0.154	ug/L	0.004	2	424	5624	2	Standard
[	Cr	52	0.161	ug/L	0.007	4	22604	27267	0	Standard
[	Cr	53	0.276	ug/L	0.008	2	248	1173	2	Standard
[	Fe	54	55.890	ug/L	0.606	1	109957	292173	0	Standard
[	Fe	57	301.395	ug/L	0.511	0	21890	390198	0	Standard
[	Mn	55	186.699	ug/L	1.217	0	1100	8100850	0	Standard
[>	Ge	72		ug/L			100487	88828	1	KED
[	Co	59	0.017	ug/L	0.001	5	8	98	6	KED
[	Ni	60	0.206	ug/L	0.031	14	63	371	11	KED
[	Ni	62	0.205	ug/L	0.025	12	15	65	10	KED
[	Cu	63	-0.004	ug/L	0.004	81	220	175	10	KED
[	Cu	65	0.046	ug/L	0.008	17	102	194	9	KED
[	Zn	66	0.144	ug/L	0.090	62	217	283	21	KED
[	Zn	67	20.982	ug/L	0.379	1	33	2226	1	KED
[	As	75	0.024	ug/L	0.003	10	4	11	8	KED
[	Se	78	0.042	ug/L	0.052	123	14	14	10	KED
	Y	89		ug/L			787121	695271	1	Standard
	Kr	83		ug/L			329	307	13	Standard
[>	In-1	115		ug/L			30151	26376	1	KED
[	Mo	98	0.030	ug/L	0.001	4	4	56	5	KED
[	Cd	111	0.006	ug/L	0.005	82	3	5	36	KED
[	Cd	114	0.002	ug/L	0.005	311	4	5	91	KED
[>	In	115		ug/L			1531029	1261177	1	Standard
[	Ag	107	0.001	ug/L	0.002	108	86	92	26	Standard
[	Sb	121	0.035	ug/L	0.001	4	67	714	3	Standard
[	Sb	123	0.036	ug/L	0.002	4	51	558	6	Standard
[	Ba	135	398.759	ug/L	11.457	2	44	2639701	1	Standard
[	Ba	137	386.102	ug/L	7.170	1	73	4515767	0	Standard
[>	Tb	159		ug/L			2910281	2873375	0	Standard
[	Tl	205	0.000	ug/L	0.000	49	83	114	13	Standard
[	Pb	208	-0.012	ug/L	0.000	1	1932	453	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:10:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1160236	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	166	4	6	45	Standard
	C	**13**		ug/L			30456	28183	1	Standard
	Cl	**37**		ug/L			6901546	8050955	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1409102	1	Standard
⌈	**V**	**51**	**0.024**	ug/L	0.007	28	7633	7796	1	Standard
⌊	**V-1**	**51**	**0.015**	ug/L	0.001	8	424	863	5	Standard
⌈	**Cr**	**52**	**0.072**	ug/L	0.027	37	22604	22768	1	Standard
⌊	**Cr**	**53**	**0.041**	ug/L	0.002	5	248	355	1	Standard
⌈	**Fe**	**54**	**2.047**	ug/L	0.414	20	109957	107702	0	Standard
⌊	**Fe**	**57**	**-1.521**	ug/L	0.324	21	21890	18509	2	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	24	1100	1122	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	98517	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	224	8	6	86	KED
⌊	**Ni**	**60**	**-0.016**	ug/L	0.002	12	63	34	9	KED
⌈	**Ni**	**62**	**-0.017**	ug/L	0.003	19	15	10	10	KED
⌊	**Cu**	**63**	**-0.011**	ug/L	0.004	35	220	161	10	KED
⌈	**Cu**	**65**	**-0.003**	ug/L	0.007	237	102	93	17	KED
⌊	**Zn**	**66**	**-0.061**	ug/L	0.032	51	217	170	13	KED
⌈	**Zn**	**67**	**-0.081**	ug/L	0.060	73	33	22	28	KED
⌊	**As**	**75**	**-0.001**	ug/L	0.005	801	4	4	40	KED
⌊	**Se**	**78**	**-0.024**	ug/L	0.117	489	14	13	33	KED
	Y	**89**		ug/L			787121	730609	3	Standard
	Kr	**83**		ug/L			329	311	9	Standard
⌈>	**In-1**	**115**		ug/L			30151	28241	0	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.002	883	4	4	101	KED
⌊	**Cd**	**111**	**0.002**	ug/L	0.008	390	3	4	81	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.003	137	4	1	219	KED
⌈>	**In**	**115**		ug/L			1531029	1385250	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	2271	86	78	16	Standard
⌈	**Sb**	**121**	**0.001**	ug/L	0.000	24	67	81	7	Standard
⌊	**Sb**	**123**	**0.003**	ug/L	0.001	21	51	90	11	Standard
⌈	**Ba**	**135**	**0.010**	ug/L	0.001	5	44	116	4	Standard
⌊	**Ba**	**137**	**0.011**	ug/L	0.002	17	73	205	13	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2855008	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	136	83	97	21	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.000	9	1932	1466	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:15:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1140458	2	Standard
	Be	**9**	**50.516**	ug/L	2.078	4	4	346084	1	Standard
	C	**13**		ug/L			30456	26818	0	Standard
	Cl	**37**		ug/L			6901546	7855302	1	Standard
>	**Sc**	**45**		ug/L			1525311	1440007	0	Standard
	V	**51**	**50.025**	ug/L	1.152	2	7633	1577112	1	Standard
	V-1	**51**	**50.029**	ug/L	1.011	2	424	1588143	1	Standard
	Cr	**52**	**50.408**	ug/L	1.481	2	22604	1378429	2	Standard
	Cr	**53**	**50.407**	ug/L	1.085	2	248	159290	1	Standard
	Fe	**54**	**5197.895**	ug/L	124.178	2	109957	16025825	1	Standard
	Fe	**57**	**5157.387**	ug/L	93.959	1	21890	5951648	1	Standard
	Mn	**55**	**52.270**	ug/L	1.047	2	1100	2135495	1	Standard
>	**Ge**	**72**		ug/L			100487	99742	2	KED
	Co	**59**	**49.824**	ug/L	1.305	2	8	295898	0	KED
	Ni	**60**	**49.268**	ug/L	1.241	2	63	84721	0	KED
	Ni	**62**	**49.528**	ug/L	0.443	0	15	13936	1	KED
	Cu	**63**	**48.734**	ug/L	1.464	3	220	245271	0	KED
	Cu	**65**	**49.598**	ug/L	1.151	2	102	124051	0	KED
	Zn	**66**	**50.301**	ug/L	0.853	1	217	35897	1	KED
	Zn	**67**	**50.288**	ug/L	1.272	2	33	5944	0	KED
	As	**75**	**49.004**	ug/L	0.527	1	4	17558	0	KED
	Se	**78**	**49.416**	ug/L	0.255	0	14	1982	1	KED
	Y	**89**		ug/L			787121	727246	1	Standard
	Kr	**83**		ug/L			329	283	9	Standard
>	**In-1**	**115**		ug/L			30151	28031	1	KED
	Mo	**98**	**48.573**	ug/L	0.569	1	4	89746	0	KED
	Cd	**111**	**49.287**	ug/L	1.307	2	3	20644	1	KED
	Cd	**114**	**49.214**	ug/L	1.713	3	4	53378	1	KED
>	**In**	**115**		ug/L			1531029	1427993	3	Standard
	Ag	**107**	**49.938**	ug/L	1.162	2	86	854856	1	Standard
	Sb	**121**	**49.007**	ug/L	1.440	2	67	1040058	1	Standard
	Sb	**123**	**49.307**	ug/L	1.049	2	51	800073	1	Standard
	Ba	**135**	**49.450**	ug/L	1.495	3	44	370579	0	Standard
	Ba	**137**	**49.380**	ug/L	1.616	3	73	653737	1	Standard
>	**Tb**	**159**		ug/L			2910281	2949273	1	Standard
	Tl	**205**	**49.455**	ug/L	0.654	1	83	4693598	1	Standard
	Pb	**208**	**48.615**	ug/L	1.120	2	1932	6038463	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:23:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1118510	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	271	4	5	57	Standard
	C	**13**		ug/L			30456	25455	1	Standard
	Cl	**37**		ug/L			6901546	7473725	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1402226	0	Standard
⌈	**V**	**51**	**0.007**	ug/L	0.006	84	7633	7217	1	Standard
⌊	**V-1**	**51**	**0.010**	ug/L	0.001	14	424	691	5	Standard
⌈	**Cr**	**52**	**0.017**	ug/L	0.019	115	22604	21210	1	Standard
⌊	**Cr**	**53**	**0.026**	ug/L	0.008	28	248	309	7	Standard
⌈	**Fe**	**54**	**1.285**	ug/L	0.349	27	109957	104919	1	Standard
⌊	**Fe**	**57**	**1.605**	ug/L	0.328	20	21890	21919	0	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	331	1100	1000	3	Standard
⌈>	**Ge**	**72**		ug/L			100487	91528	6	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	664	8	7	25	KED
⌊	**Ni**	**60**	**-0.015**	ug/L	0.005	31	63	34	25	KED
⌈	**Ni**	**62**	**-0.015**	ug/L	0.023	152	15	10	61	KED
⌈	**Cu**	**63**	**-0.003**	ug/L	0.003	112	220	187	15	KED
⌊	**Cu**	**65**	**0.006**	ug/L	0.005	83	102	107	13	KED
⌈	**Zn**	**66**	**-0.080**	ug/L	0.032	40	217	147	21	KED
⌊	**Zn**	**67**	**-0.043**	ug/L	0.121	277	33	25	51	KED
⌈	**As**	**75**	**0.005**	ug/L	0.002	44	4	5	8	KED
⌊	**Se**	**78**	**0.023**	ug/L	0.114	485	14	14	22	KED
	Y	**89**		ug/L			787121	715610	1	Standard
	Kr	**83**		ug/L			329	278	10	Standard
⌈>	**In-1**	**115**		ug/L			30151	27815	1	KED
⌈	**Mo**	**98**	**0.008**	ug/L	0.005	64	4	19	47	KED
⌊	**Cd**	**111**	**0.004**	ug/L	0.003	77	3	5	28	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.003	137	4	6	46	KED
⌈>	**In**	**115**		ug/L			1531029	1398346	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	48	86	72	5	Standard
⌈	**Sb**	**121**	**0.053**	ug/L	0.003	6	67	1165	5	Standard
⌊	**Sb**	**123**	**0.056**	ug/L	0.001	0	51	934	1	Standard
⌈	**Ba**	**135**	**0.006**	ug/L	0.001	22	44	81	11	Standard
⌊	**Ba**	**137**	**0.005**	ug/L	0.002	46	73	128	23	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2887669	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	20	83	213	11	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.000	1	1932	1259	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-01RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:29:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1145159	2	Standard
[	**Be**	**9**	**0.005**	ug/L	0.001	10	4	40	10	Standard
	C	**13**		ug/L			30456	33101	0	Standard
	Cl	**37**		ug/L			6901546	6802029	0	Standard
[>	**Sc**	**45**		ug/L			1525311	1461073	1	Standard
[	**V**	**51**	**0.557**	ug/L	0.008	1	7633	25063	1	Standard
[	**V-1**	**51**	**0.569**	ug/L	0.011	2	424	18727	1	Standard
[	**Cr**	**52**	**0.134**	ug/L	0.006	4	22604	25311	1	Standard
[	**Cr**	**53**	**0.186**	ug/L	0.014	7	248	833	4	Standard
[	**Fe**	**54**	**178.892**	ug/L	2.421	1	109957	661317	0	Standard
[	**Fe**	**57**	**174.000**	ug/L	1.677	0	21890	223998	0	Standard
[	**Mn**	**55**	**95.659**	ug/L	0.350	0	1100	3964814	1	Standard
[>	**Ge**	**72**		ug/L			100487	97049	1	KED
[	**Co**	**59**	**0.370**	ug/L	0.018	4	8	2148	4	KED
[	**Ni**	**60**	**0.944**	ug/L	0.044	4	63	1640	2	KED
[	**Ni**	**62**	**0.923**	ug/L	0.032	3	15	267	4	KED
[	**Cu**	**63**	**0.620**	ug/L	0.016	2	220	3245	1	KED
[	**Cu**	**65**	**0.609**	ug/L	0.014	2	102	1580	2	KED
[	**Zn**	**66**	**1.753**	ug/L	0.072	4	217	1419	1	KED
[	**Zn**	**67**	**1.825**	ug/L	0.065	3	33	240	2	KED
[	**As**	**75**	**0.125**	ug/L	0.012	9	4	47	7	KED
[	**Se**	**78**	**-0.022**	ug/L	0.129	590	14	13	38	KED
	Y	**89**		ug/L			787121	726334	2	Standard
	Kr	**83**		ug/L			329	335	8	Standard
[>	**In-1**	**115**		ug/L			30151	27822	1	KED
[	**Mo**	**98**	**0.084**	ug/L	0.003	3	4	158	3	KED
[	**Cd**	**111**	**0.020**	ug/L	0.012	60	3	11	44	KED
[	**Cd**	**114**	**0.020**	ug/L	0.008	37	4	25	32	KED
[>	**In**	**115**		ug/L			1531029	1442579	1	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.001	145	86	70	21	Standard
[	**Sb**	**121**	**0.026**	ug/L	0.002	8	67	629	6	Standard
[	**Sb**	**123**	**0.027**	ug/L	0.002	7	51	491	6	Standard
[	**Ba**	**135**	**1.202**	ug/L	0.048	4	44	9145	2	Standard
[	**Ba**	**137**	**1.190**	ug/L	0.038	3	73	15989	1	Standard
[>	**Tb**	**159**		ug/L			2910281	2880410	0	Standard
[	**Tl**	**205**	**0.009**	ug/L	0.000	3	83	871	2	Standard
[	**Pb**	**208**	**0.124**	ug/L	0.001	1	1932	16968	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-DUP2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:34:00

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1084251	8	Standard
[	**Be**	**9**	**0.006**	ug/L	0.001	13	4	42	14	Standard
	C	**13**		ug/L			30456	32425	1	Standard
	Cl	**37**		ug/L			6901546	6599126	1	Standard
[>	**Sc**	**45**		ug/L			1525311	1391352	9	Standard
[	**V**	**51**	**0.615**	ug/L	0.051	8	7633	25505	3	Standard
[	**V-1**	**51**	**0.617**	ug/L	0.035	5	424	19253	4	Standard
[	**Cr**	**52**	**0.158**	ug/L	0.077	48	22604	24611	1	Standard
[	**Cr**	**53**	**0.183**	ug/L	0.023	12	248	781	1	Standard
[	**Fe**	**54**	**191.157**	ug/L	16.290	8	109957	663148	2	Standard
[	**Fe**	**57**	**184.187**	ug/L	15.654	8	21890	223572	1	Standard
[	**Mn**	**55**	**102.356**	ug/L	8.376	8	1100	4019405	1	Standard
[>	**Ge**	**72**		ug/L			100487	98398	1	KED
[	**Co**	**59**	**0.379**	ug/L	0.013	3	8	2231	4	KED
[	**Ni**	**60**	**0.889**	ug/L	0.056	6	63	1569	4	KED
[	**Ni**	**62**	**0.819**	ug/L	0.088	10	15	242	9	KED
[	**Cu**	**63**	**0.603**	ug/L	0.003	0	220	3211	1	KED
[	**Cu**	**65**	**0.649**	ug/L	0.005	0	102	1701	2	KED
[	**Zn**	**66**	**1.669**	ug/L	0.073	4	217	1381	4	KED
[	**Zn**	**67**	**1.894**	ug/L	0.236	12	33	252	11	KED
[	**As**	**75**	**0.109**	ug/L	0.006	5	4	42	3	KED
[	**Se**	**78**	**-0.023**	ug/L	0.015	64	14	13	5	KED
	Y	**89**		ug/L			787121	702401	7	Standard
	Kr	**83**		ug/L			329	313	5	Standard
[>	**In-1**	**115**		ug/L			30151	26905	1	KED
[	**Mo**	**98**	**0.092**	ug/L	0.005	4	4	167	5	KED
[	**Cd**	**111**	**0.018**	ug/L	0.014	77	3	10	55	KED
[	**Cd**	**114**	**0.022**	ug/L	0.002	10	4	26	7	KED
[>	**In**	**115**		ug/L			1531029	1357151	9	Standard
[	**Ag**	**107**	**-0.000**	ug/L	0.001	285	86	69	17	Standard
[	**Sb**	**121**	**0.015**	ug/L	0.002	14	67	363	8	Standard
[	**Sb**	**123**	**0.016**	ug/L	0.002	13	51	285	11	Standard
[	**Ba**	**135**	**1.288**	ug/L	0.115	8	44	9166	1	Standard
[	**Ba**	**137**	**1.236**	ug/L	0.103	8	73	15541	1	Standard
[>	**Tb**	**159**		ug/L			2910281	2772615	8	Standard
[	**Tl**	**205**	**0.010**	ug/L	0.001	6	83	1000	3	Standard
[	**Pb**	**208**	**0.132**	ug/L	0.012	8	1932	17124	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-MS2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:38:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**			ug/L			1107873	1164254	2	Standard
[	**Be**	**9**		**2.594**	ug/L	0.065	2	4	18149	0	Standard
	C	**13**			ug/L			30456	33478	0	Standard
	Cl	**37**			ug/L			6901546	6628618	0	Standard
[>	**Sc**	**45**			ug/L			1525311	1474503	2	Standard
[	**V**	**51**		**3.071**	ug/L	0.062	2	7633	106060	0	Standard
[	**V-1**	**51**		**3.083**	ug/L	0.057	1	424	100586	1	Standard
[	**Cr**	**52**		**2.719**	ug/L	0.077	2	22604	96797	0	Standard
[	**Cr**	**53**		**2.769**	ug/L	0.064	2	248	9187	2	Standard
[	**Fe**	**54**		**729.077**	ug/L	6.929	0	109957	2393004	1	Standard
[	**Fe**	**57**		**687.117**	ug/L	9.248	1	21890	830210	1	Standard
[	**Mn**	**55**	STL	**106.112**	ug/L	2.316	2	1100	4437339	1	Standard
[>	**Ge**	**72**			ug/L			100487	100734	0	KED
[	**Co**	**59**		**2.925**	ug/L	0.088	3	8	17559	3	KED
[	**Ni**	**60**		**5.165**	ug/L	0.047	0	63	9028	0	KED
[	**Ni**	**62**		**5.093**	ug/L	0.185	3	15	1461	3	KED
[	**Cu**	**63**		**3.187**	ug/L	0.028	0	220	16413	0	KED
[	**Cu**	**65**		**3.235**	ug/L	0.044	1	102	8269	0	KED
[	**Zn**	**66**		**10.074**	ug/L	0.194	1	217	7435	1	KED
[	**Zn**	**67**		**9.577**	ug/L	0.324	3	33	1170	2	KED
[	**As**	**75**		**2.693**	ug/L	0.036	1	4	978	1	KED
[	**Se**	**78**		**8.329**	ug/L	0.183	2	14	349	3	KED
	Y	**89**			ug/L			787121	753916	1	Standard
	Kr	**83**			ug/L			329	306	11	Standard
[>	**In-1**	**115**			ug/L			30151	28447	0	KED
[	**Mo**	**98**		**0.090**	ug/L	0.006	6	4	174	7	KED
[	**Cd**	**111**		**2.535**	ug/L	0.068	2	3	1080	2	KED
[	**Cd**	**114**		**2.585**	ug/L	0.073	2	4	2850	3	KED
[>	**In**	**115**			ug/L			1531029	1489931	1	Standard
[	**Ag**	**107**		**2.578**	ug/L	0.052	2	86	46132	0	Standard
[	**Sb**	**121**		**0.013**	ug/L	0.002	13	67	354	9	Standard
[	**Sb**	**123**		**0.014**	ug/L	0.003	20	51	291	15	Standard
[	**Ba**	**135**		**3.687**	ug/L	0.044	1	44	28887	2	Standard
[	**Ba**	**137**		**3.607**	ug/L	0.040	1	73	49916	1	Standard
[>	**Tb**	**159**			ug/L			2910281	2977952	0	Standard
[	**Tl**	**205**		**2.460**	ug/L	0.026	1	83	235824	0	Standard
[	**Pb**	**208**		**2.562**	ug/L	0.023	0	1932	323275	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-MSD2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:43:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**			ug/L			1107873	1177501	0	Standard
⌊	**Be**	**9**		**2.602**	ug/L	0.067	2	4	18425	2	Standard
	C	**13**			ug/L			30456	32949	0	Standard
	Cl	**37**			ug/L			6901546	6538340	0	Standard
⌈>	**Sc**	**45**			ug/L			1525311	1462331	1	Standard
⌈	**V**	**51**		**3.137**	ug/L	0.046	1	7633	107293	0	Standard
⌊	**V-1**	**51**		**3.145**	ug/L	0.063	2	424	101765	1	Standard
⌈	**Cr**	**52**		**2.774**	ug/L	0.012	0	22604	97536	1	Standard
⌊	**Cr**	**53**		**2.814**	ug/L	0.046	1	248	9253	0	Standard
⌈	**Fe**	**54**		**745.551**	ug/L	16.062	2	109957	2424424	0	Standard
⌊	**Fe**	**57**		**699.954**	ug/L	6.312	0	21890	838449	0	Standard
⌊	**Mn**	**55**	STL	**103.960**	ug/L	1.002	0	1100	4312029	0	Standard
⌈>	**Ge**	**72**			ug/L			100487	99021	0	KED
⌈	**Co**	**59**		**3.020**	ug/L	0.043	1	8	17821	0	KED
⌈	**Ni**	**60**		**3.546**	ug/L	0.079	2	63	6112	1	KED
⌊	**Ni**	**62**		**3.486**	ug/L	0.079	2	15	988	2	KED
⌈	**Cu**	**63**		**3.270**	ug/L	0.081	2	220	16546	1	KED
⌊	**Cu**	**65**		**3.294**	ug/L	0.052	1	102	8274	0	KED
⌈	**Zn**	**66**		**10.493**	ug/L	0.166	1	217	7604	0	KED
⌊	**Zn**	**67**		**9.713**	ug/L	0.420	4	33	1166	4	KED
⌈	**As**	**75**		**2.665**	ug/L	0.050	1	4	952	2	KED
⌊	**Se**	**78**		**8.334**	ug/L	0.079	0	14	344	1	KED
	Y	**89**			ug/L			787121	746570	0	Standard
	Kr	**83**			ug/L			329	311	4	Standard
⌈>	**In-1**	**115**			ug/L			30151	28007	1	KED
⌈	**Mo**	**98**		**0.090**	ug/L	0.002	1	4	171	1	KED
⌈	**Cd**	**111**		**2.626**	ug/L	0.173	6	3	1101	4	KED
⌊	**Cd**	**114**		**2.649**	ug/L	0.077	2	4	2876	4	KED
⌈>	**In**	**115**			ug/L			1531029	1455089	2	Standard
⌈	**Ag**	**107**		**2.673**	ug/L	0.105	3	86	46712	3	Standard
⌈	**Sb**	**121**		**0.015**	ug/L	0.001	9	67	380	5	Standard
⌊	**Sb**	**123**		**0.051**	ug/L	0.063	123	51	895	117	Standard
⌈	**Ba**	**135**		**3.815**	ug/L	0.121	3	44	29171	0	Standard
⌊	**Ba**	**137**		**3.745**	ug/L	0.101	2	73	50589	0	Standard
⌈>	**Tb**	**159**			ug/L			2910281	2996904	2	Standard
⌈	**Tl**	**205**		**2.477**	ug/L	0.040	1	83	238892	1	Standard
⌊	**Pb**	**208**		**2.566**	ug/L	0.047	1	1932	325720	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-DUP2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:54:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1152218	2	Standard
⌊	**Be**	**9**	**0.004**	ug/L	0.002	40	4	34	33	Standard
	C	**13**		ug/L			30456	28285	1	Standard
	Cl	**37**		ug/L			6901546	6553914	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1441880	0	Standard
⌈	**V**	**51**	**0.571**	ug/L	0.009	1	7633	25146	0	Standard
⌊	**V-1**	**51**	**0.579**	ug/L	0.007	1	424	18800	0	Standard
⌈	**Cr**	**52**	**0.102**	ug/L	0.008	8	22604	24120	1	Standard
⌊	**Cr**	**53**	**0.146**	ug/L	0.006	4	248	696	3	Standard
⌈	**Fe**	**54**	**181.703**	ug/L	2.254	1	109957	661328	1	Standard
⌊	**Fe**	**57**	**176.969**	ug/L	1.094	0	21890	224490	0	Standard
⌊	**Mn**	**55**	**98.233**	ug/L	1.605	1	1100	4018004	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	96762	1	KED
⌈	**Co**	**59**	**0.385**	ug/L	0.001	0	8	2228	1	KED
⌊	**Ni**	**60**	**0.848**	ug/L	0.035	4	63	1475	4	KED
⌈	**Ni**	**62**	**0.924**	ug/L	0.058	6	15	267	5	KED
⌈	**Cu**	**63**	**0.626**	ug/L	0.007	1	220	3267	1	KED
⌊	**Cu**	**65**	**0.620**	ug/L	0.014	2	102	1603	0	KED
⌈	**Zn**	**66**	**0.461**	ug/L	0.020	4	217	526	1	KED
⌊	**Zn**	**67**	**0.445**	ug/L	0.061	13	33	82	7	KED
⌈	**As**	**75**	**0.123**	ug/L	0.019	15	4	46	12	KED
⌊	**Se**	**78**	**0.021**	ug/L	0.059	275	14	15	15	KED
	Y	**89**		ug/L			787121	742315	2	Standard
	Kr	**83**		ug/L			329	309	3	Standard
⌈>	**In-1**	**115**		ug/L			30151	28541	1	KED
⌈	**Mo**	**98**	**0.083**	ug/L	0.005	6	4	161	6	KED
⌈	**Cd**	**111**	**0.020**	ug/L	0.002	11	3	11	9	KED
⌊	**Cd**	**114**	**0.021**	ug/L	0.006	27	4	27	22	KED
⌈>	**In**	**115**		ug/L			1531029	1430082	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	338	86	73	31	Standard
⌈	**Sb**	**121**	**0.010**	ug/L	0.001	6	67	284	4	Standard
⌊	**Sb**	**123**	**0.010**	ug/L	0.002	14	51	219	11	Standard
⌈	**Ba**	**135**	**1.169**	ug/L	0.008	0	44	8819	0	Standard
⌊	**Ba**	**137**	**1.161**	ug/L	0.008	0	73	15473	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2899362	0	Standard
⌈	**Tl**	**205**	**0.009**	ug/L	0.001	8	83	918	7	Standard
⌊	**Pb**	**208**	**0.106**	ug/L	0.001	0	1932	14874	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-03
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:00:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1171113	2	Standard
	Be	9	0.015	ug/L	0.003	16	4	109	13	Standard
	C	13		ug/L			30456	50845	1	Standard
	Cl	37		ug/L			6901546	7839423	0	Standard
>	Sc	45		ug/L			1525311	1524721	1	Standard
	V	51	0.318	ug/L	0.002	0	7633	18210	2	Standard
	V-1	51	0.340	ug/L	0.003	0	424	11850	1	Standard
	Cr	52	0.192	ug/L	0.007	3	22604	28062	1	Standard
	Cr	53	0.266	ug/L	0.008	3	248	1137	0	Standard
	Fe	54	63.747	ug/L	1.898	2	109957	316618	0	Standard
	Fe	57	317.082	ug/L	4.230	1	21890	407967	1	Standard
	Mn	55	167.723	ug/L	2.366	1	1100	7252306	0	Standard
>	Ge	72		ug/L			100487	89726	2	KED
	Co	59	0.416	ug/L	0.037	8	8	2226	6	KED
	Ni	60	0.259	ug/L	0.027	10	63	457	9	KED
	Ni	62	0.193	ug/L	0.007	3	15	62	0	KED
	Cu	63	0.015	ug/L	0.002	11	220	264	5	KED
	Cu	65	0.053	ug/L	0.008	15	102	210	5	KED
	Zn	66	-0.015	ug/L	0.031	214	217	184	8	KED
	Zn	67	21.778	ug/L	1.621	7	33	2330	5	KED
	As	75	0.018	ug/L	0.006	32	4	9	22	KED
	Se	78	0.050	ug/L	0.057	114	14	14	10	KED
	Y	89		ug/L			787121	701677	2	Standard
	Kr	83		ug/L			329	304	10	Standard
>	In-1	115		ug/L			30151	25986	1	KED
	Mo	98	0.011	ug/L	0.003	24	4	23	19	KED
	Cd	111	0.004	ug/L	0.004	104	3	4	32	KED
	Cd	114	0.002	ug/L	0.002	108	4	5	35	KED
>	In	115		ug/L			1531029	1298964	2	Standard
	Ag	107	-0.001	ug/L	0.000	12	86	62	0	Standard
	Sb	121	0.047	ug/L	0.003	5	67	955	5	Standard
	Sb	123	0.046	ug/L	0.001	1	51	728	1	Standard
	Ba	135	419.761	ug/L	12.791	3	44	2861784	0	Standard
	Ba	137	409.227	ug/L	10.916	2	73	4928919	0	Standard
>	Tb	159		ug/L			2910281	2863588	0	Standard
	Tl	205	-0.000	ug/L	0.000	121	83	67	26	Standard
	Pb	208	-0.009	ug/L	0.000	4	1932	849	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:05:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1070713	7	Standard
[	Be	9	0.017	ug/L	0.003	16	4	114	9	Standard
	C	13		ug/L			30456	51252	0	Standard
	Cl	37		ug/L			6901546	7665190	1	Standard
[>	Sc	45		ug/L			1525311	1444639	7	Standard
[	V	51	0.338	ug/L	0.026	7	7633	17820	3	Standard
[	V-1	51	0.356	ug/L	0.020	5	424	11704	2	Standard
[	Cr	52	0.226	ug/L	0.042	18	22604	27459	3	Standard
[	Cr	53	0.289	ug/L	0.023	7	248	1147	1	Standard
[	Fe	54	71.450	ug/L	7.073	9	109957	322676	0	Standard
[	Fe	57	331.292	ug/L	14.403	4	21890	402172	3	Standard
[	Mn	55	170.182	ug/L	8.755	5	1100	6956382	2	Standard
[>	Ge	72		ug/L			100487	89632	1	KED
[	Co	59	0.271	ug/L	0.012	4	8	1455	3	KED
[	Ni	60	0.224	ug/L	0.012	5	63	403	4	KED
[	Ni	62	0.210	ug/L	0.061	28	15	67	22	KED
[	Cu	63	0.026	ug/L	0.007	25	220	316	9	KED
[	Cu	65	0.076	ug/L	0.004	4	102	262	4	KED
[	Zn	66	2.645	ug/L	0.133	5	217	1881	5	KED
[	Zn	67	25.010	ug/L	0.786	3	33	2671	2	KED
[	As	75	0.021	ug/L	0.013	63	4	10	40	KED
[	Se	78	0.021	ug/L	0.069	335	14	13	18	KED
	Y	89		ug/L			787121	680517	7	Standard
	Kr	83		ug/L			329	322	2	Standard
[>	In-1	115		ug/L			30151	25873	0	KED
[	Mo	98	0.008	ug/L	0.007	86	4	17	65	KED
[	Cd	111	-0.001	ug/L	0.001	121	3	2	21	KED
[	Cd	114	0.003	ug/L	0.001	38	4	6	16	KED
[>	In	115		ug/L			1531029	1204794	6	Standard
[	Ag	107	0.000	ug/L	0.000	181	86	70	0	Standard
[	Sb	121	0.197	ug/L	0.004	2	67	3570	4	Standard
[	Sb	123	0.193	ug/L	0.008	4	51	2686	5	Standard
[	Ba	135	441.936	ug/L	21.152	4	44	2789679	2	Standard
[	Ba	137	434.332	ug/L	25.506	5	73	4841148	1	Standard
[>	Tb	159		ug/L			2910281	2749876	6	Standard
[	Tl	205	0.000	ug/L	0.000	197	83	86	17	Standard
[	Pb	208	0.003	ug/L	0.001	40	1932	2135	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:10:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1107873	1118119	3	Standard
⌊	Be	9	23.608	ug/L	0.373	1	4	158654	2	Standard
	C	13		ug/L			30456	51779	1	Standard
	Cl	37		ug/L			6901546	7673368	0	Standard
⌈>	Sc	45		ug/L			1525311	1481478	0	Standard
⌈	V	51	22.548	ug/L	0.230	1	7633	735504	1	Standard
⌈	V-1	51	22.573	ug/L	0.272	1	424	737517	1	Standard
⌈	Cr	52	22.071	ug/L	0.229	1	22604	633362	1	Standard
⌈	Cr	53	22.168	ug/L	0.346	1	248	72213	1	Standard
⌈	Fe	54	60.061	ug/L	0.961	1	109957	296094	1	Standard
⌈	Fe	57	292.548	ug/L	4.040	1	21890	367417	1	Standard
⌊	Mn	55	175.953	ug/L	2.586	1	1100	7393848	1	Standard
⌈>	Ge	72		ug/L			100487	89277	1	KED
⌈	Co	59	24.954	ug/L	0.101	0	8	132705	1	KED
⌈	Ni	60	24.366	ug/L	0.299	1	63	37545	1	KED
⌈	Ni	62	24.415	ug/L	0.218	0	15	6156	0	KED
⌈	Cu	63	22.803	ug/L	0.270	1	220	102861	0	KED
⌈	Cu	65	23.129	ug/L	0.369	1	102	51838	0	KED
⌈	Zn	66	72.087	ug/L	1.155	1	217	45967	1	KED
⌈	Zn	67	90.525	ug/L	0.622	0	33	9556	1	KED
⌈	As	75	24.481	ug/L	0.630	2	4	7853	1	KED
⌊	Se	78	78.371	ug/L	2.329	2	14	2806	1	KED
	Y	89		ug/L			787121	700250	2	Standard
	Kr	83		ug/L			329	313	7	Standard
⌈>	In-1	115		ug/L			30151	26319	0	KED
⌈	Mo	98	23.591	ug/L	0.216	0	4	40931	0	KED
⌈	Cd	111	22.882	ug/L	0.376	1	3	9002	0	KED
⌊	Cd	114	23.119	ug/L	0.266	1	4	23555	1	KED
⌈>	In	115		ug/L			1531029	1244466	0	Standard
⌈	Ag	107	22.199	ug/L	0.820	3	86	331368	3	Standard
⌈	Sb	121	22.477	ug/L	0.174	0	67	415968	0	Standard
⌈	Sb	123	22.660	ug/L	0.319	1	51	320605	1	Standard
⌈	Ba	135	420.146	ug/L	3.554	0	44	2745422	1	Standard
⌊	Ba	137	410.816	ug/L	3.995	0	73	4742266	1	Standard
⌈>	Tb	159		ug/L			2910281	2808164	1	Standard
⌈	Tl	205	21.117	ug/L	0.107	0	83	1908323	1	Standard
⌊	Pb	208	20.689	ug/L	0.125	0	1932	2448105	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:15:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1107873	1131119	2	Standard
Be	9	24.497	ug/L	0.490	2	4	166523	0	Standard
C	13		ug/L			30456	51433	1	Standard
Cl	37		ug/L			6901546	7665216	1	Standard
Sc	45		ug/L			1525311	1495281	1	Standard
V	51	23.652	ug/L	0.443	1	7633	778206	1	Standard
V-1	51	23.702	ug/L	0.472	1	424	781481	1	Standard
Cr	52	23.021	ug/L	0.247	1	22604	665800	1	Standard
Cr	53	23.205	ug/L	0.432	1	248	76282	2	Standard
Fe	54	64.196	ug/L	2.196	3	109957	311976	2	Standard
Fe	57	309.437	ug/L	1.252	0	21890	390995	1	Standard
Mn	55	182.192	ug/L	1.240	0	1100	7727240	1	Standard
Ge	72		ug/L			100487	88243	0	KED
Co	59	26.119	ug/L	0.119	0	8	137283	0	KED
Ni	60	25.111	ug/L	0.519	2	63	38240	1	KED
Ni	62	24.868	ug/L	0.589	2	15	6198	2	KED
Cu	63	23.873	ug/L	0.063	0	220	106439	0	KED
Cu	65	24.649	ug/L	0.285	1	102	54603	0	KED
Zn	66	75.329	ug/L	0.272	0	217	47471	0	KED
Zn	67	93.101	ug/L	0.390	0	33	9714	1	KED
As	75	25.500	ug/L	0.376	1	4	8086	1	KED
Se	78	79.812	ug/L	0.540	0	14	2825	0	KED
Y	89		ug/L			787121	696850	0	Standard
Kr	83		ug/L			329	323	7	Standard
In-1	115		ug/L			30151	26066	1	KED
Mo	98	23.286	ug/L	0.292	1	4	40012	0	KED
Cd	111	24.001	ug/L	0.189	0	3	9352	1	KED
Cd	114	23.658	ug/L	0.288	1	4	23872	1	KED
In	115		ug/L			1531029	1219475	4	Standard
Ag	107	23.871	ug/L	0.408	1	86	349043	3	Standard
Sb	121	22.652	ug/L	0.712	3	67	410430	1	Standard
Sb	123	23.175	ug/L	0.711	3	51	321021	1	Standard
Ba	135	455.782	ug/L	17.073	3	44	2915487	1	Standard
Ba	137	446.453	ug/L	18.991	4	73	5043947	0	Standard
Tb	159		ug/L			2910281	2840413	1	Standard
Tl	205	23.864	ug/L	0.405	1	83	2180942	0	Standard
Pb	208	21.078	ug/L	0.497	2	1932	2522187	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:23:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1125883	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	154	4	6	45	Standard
	C	**13**		ug/L			30456	28229	2	Standard
	Cl	**37**		ug/L			6901546	7899387	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1383088	1	Standard
⎢	**V**	**51**	**0.027**	ug/L	0.009	32	7633	7729	2	Standard
⎢	**V-1**	**51**	**0.015**	ug/L	0.002	11	424	846	5	Standard
⎢	**Cr**	**52**	**0.087**	ug/L	0.018	20	22604	22735	1	Standard
⎢	**Cr**	**53**	**0.047**	ug/L	0.008	16	248	367	7	Standard
⎢	**Fe**	**54**	**1.606**	ug/L	0.218	13	109957	104423	0	Standard
⎢	**Fe**	**57**	**-2.674**	ug/L	0.088	3	21890	16896	1	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.000	6	1100	892	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	96031	2	KED
⎢	**Co**	**59**	**-0.000**	ug/L	0.001	181	8	5	88	KED
⎢	**Ni**	**60**	**-0.022**	ug/L	0.009	39	63	24	60	KED
⎢	**Ni**	**62**	**-0.028**	ug/L	0.008	27	15	7	25	KED
⎢	**Cu**	**63**	**-0.008**	ug/L	0.003	41	220	172	8	KED
⎢	**Cu**	**65**	**-0.001**	ug/L	0.009	1187	102	96	22	KED
⎢	**Zn**	**66**	**-0.125**	ug/L	0.002	1	217	122	3	KED
⎢	**Zn**	**67**	**-0.121**	ug/L	0.029	24	33	17	16	KED
⎢	**As**	**75**	**-0.001**	ug/L	0.005	384	4	3	45	KED
⌊	**Se**	**78**	**-0.014**	ug/L	0.122	852	14	13	36	KED
	Y	**89**		ug/L			787121	712584	2	Standard
	Kr	**83**		ug/L			329	279	18	Standard
⌈>	**In-1**	**115**		ug/L			30151	28132	1	KED
⎢	**Mo**	**98**	**0.003**	ug/L	0.003	98	4	10	56	KED
⎢	**Cd**	**111**	**0.019**	ug/L	0.004	19	3	11	13	KED
⌊	**Cd**	**114**	**0.014**	ug/L	0.009	69	4	18	52	KED
⌈>	**In**	**115**		ug/L			1531029	1342181	2	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.001	236	86	71	16	Standard
⎢	**Sb**	**121**	**0.003**	ug/L	0.001	44	67	110	18	Standard
⎢	**Sb**	**123**	**0.003**	ug/L	0.000	9	51	96	3	Standard
⎢	**Ba**	**135**	**0.004**	ug/L	0.002	40	44	68	18	Standard
⌊	**Ba**	**137**	**0.005**	ug/L	0.002	37	73	121	18	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2856260	1	Standard
⎢	**Tl**	**205**	**0.000**	ug/L	0.000	150	83	92	19	Standard
⌊	**Pb**	**208**	**-0.008**	ug/L	0.000	5	1932	910	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:28:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⎡>	**Li**	**6**		ug/L			1107873	1101033	1	Standard
⎣	**Be**	**9**	**51.084**	ug/L	0.334	0	4	338104	0	Standard
	C	**13**		ug/L			30456	24799	1	Standard
	Cl	**37**		ug/L			6901546	7697306	0	Standard
⎡>	**Sc**	**45**		ug/L			1525311	1395482	1	Standard
⎢	**V**	**51**	**49.767**	ug/L	0.758	1	7633	1520526	1	Standard
⎢	**V-1**	**51**	**49.882**	ug/L	0.739	1	424	1534476	1	Standard
⎢	**Cr**	**52**	**50.262**	ug/L	0.935	1	22604	1331910	0	Standard
⎢	**Cr**	**53**	**50.615**	ug/L	1.310	2	248	154967	0	Standard
⎢	**Fe**	**54**	**5228.347**	ug/L	74.878	1	109957	15619844	0	Standard
⎢	**Fe**	**57**	**5145.877**	ug/L	82.847	1	21890	5754269	0	Standard
⎣	**Mn**	**55**	**51.121**	ug/L	1.325	2	1100	2023922	2	Standard
⎡>	**Ge**	**72**		ug/L			100487	97056	1	KED
⎢	**Co**	**59**	**48.695**	ug/L	0.593	1	8	281478	1	KED
⎢	**Ni**	**60**	**49.642**	ug/L	0.264	0	63	83088	1	KED
⎢	**Ni**	**62**	**48.934**	ug/L	0.466	0	15	13399	0	KED
⎢	**Cu**	**63**	**47.863**	ug/L	0.889	1	220	234470	1	KED
⎢	**Cu**	**65**	**48.831**	ug/L	0.452	0	102	118872	0	KED
⎢	**Zn**	**66**	**49.201**	ug/L	1.581	3	217	34165	1	KED
⎢	**Zn**	**67**	**50.197**	ug/L	0.197	0	33	5775	1	KED
⎢	**As**	**75**	**49.617**	ug/L	1.122	2	4	17298	0	KED
⎣	**Se**	**78**	**50.473**	ug/L	0.944	1	14	1970	0	KED
	Y	**89**		ug/L			787121	715881	1	Standard
	Kr	**83**		ug/L			329	296	7	Standard
⎡>	**In-1**	**115**		ug/L			30151	27102	0	KED
⎢	**Mo**	**98**	**48.918**	ug/L	0.773	1	4	87399	1	KED
⎢	**Cd**	**111**	**48.814**	ug/L	0.140	0	3	19774	0	KED
⎣	**Cd**	**114**	**49.131**	ug/L	0.685	1	4	51542	1	KED
⎡>	**In**	**115**		ug/L			1531029	1359253	1	Standard
⎢	**Ag**	**107**	**50.658**	ug/L	0.760	1	86	825720	1	Standard
⎢	**Sb**	**121**	**48.314**	ug/L	0.050	0	67	976547	1	Standard
⎢	**Sb**	**123**	**49.530**	ug/L	0.231	0	51	765330	1	Standard
⎢	**Ba**	**135**	**51.170**	ug/L	0.694	1	44	365192	0	Standard
⎣	**Ba**	**137**	**50.384**	ug/L	0.803	1	73	635249	1	Standard
⎡>	**Tb**	**159**		ug/L			2910281	2921771	0	Standard
⎢	**Tl**	**205**	**49.258**	ug/L	0.490	0	83	4631606	1	Standard
⎣	**Pb**	**208**	**48.294**	ug/L	0.515	1	1932	5943535	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:36:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1110135	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	634	4	5	78	Standard
	C	**13**		ug/L			30456	24921	1	Standard
	Cl	**37**		ug/L			6901546	7351119	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1351905	1	Standard
⌈	**V**	**51**	**0.012**	ug/L	0.006	54	7633	7112	2	Standard
⌊	**V-1**	**51**	**0.007**	ug/L	0.001	7	424	586	3	Standard
⌈	**Cr**	**52**	**0.030**	ug/L	0.019	64	22604	20788	2	Standard
⌊	**Cr**	**53**	**0.014**	ug/L	0.003	22	248	262	5	Standard
⌈	**Fe**	**54**	**1.155**	ug/L	0.133	11	109957	100773	1	Standard
⌊	**Fe**	**57**	**1.082**	ug/L	0.419	38	21890	20565	0	Standard
⌊	**Mn**	**55**	**-0.004**	ug/L	0.001	34	1100	818	4	Standard
⌈>	**Ge**	**72**		ug/L			100487	94161	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	200	8	6	62	KED
⌊	**Ni**	**60**	**-0.026**	ug/L	0.001	4	63	17	11	KED
⌈	**Ni**	**62**	**-0.032**	ug/L	0.011	34	15	6	45	KED
⌈	**Cu**	**63**	**-0.008**	ug/L	0.001	16	220	166	4	KED
⌊	**Cu**	**65**	**-0.012**	ug/L	0.004	36	102	69	14	KED
⌈	**Zn**	**66**	**-0.166**	ug/L	0.012	6	217	92	8	KED
⌊	**Zn**	**67**	**-0.159**	ug/L	0.017	10	33	13	14	KED
⌈	**As**	**75**	**-0.002**	ug/L	0.001	41	4	3	7	KED
⌊	**Se**	**78**	**-0.071**	ug/L	0.051	71	14	11	17	KED
	Y	**89**		ug/L			787121	716062	1	Standard
	Kr	**83**		ug/L			329	283	9	Standard
⌈>	**In-1**	**115**		ug/L			30151	27858	2	KED
⌈	**Mo**	**98**	**0.005**	ug/L	0.003	48	4	14	34	KED
⌈	**Cd**	**111**	**0.008**	ug/L	0.004	45	3	6	24	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.006	446	4	5	119	KED
⌈>	**In**	**115**		ug/L			1531029	1343155	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	226	86	71	14	Standard
⌈	**Sb**	**121**	**0.054**	ug/L	0.001	2	67	1134	3	Standard
⌊	**Sb**	**123**	**0.054**	ug/L	0.002	3	51	875	2	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.002	115	44	48	23	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	83	73	83	19	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2838103	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	2	83	377	2	Standard
⌊	**Pb**	**208**	**-0.011**	ug/L	0.001	6	1932	581	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:42:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1092049	1	Standard
⌊	**Be**	**9**		ug/L				4	24	Standard
	C	**13**		ug/L				25578	2	Standard
	Cl	**37**		ug/L				7247639	1	Standard
⌈>	**Sc**	**45**		ug/L				1357002	0	Standard
⎢	**V**	**51**		ug/L				7213	1	Standard
⎢	**V-1**	**51**		ug/L				545	8	Standard
⎢	**Cr**	**52**		ug/L				21323	1	Standard
⎢	**Cr**	**53**		ug/L				277	4	Standard
⎢	**Fe**	**54**		ug/L				100521	0	Standard
⎢	**Fe**	**57**		ug/L				21143	1	Standard
⌊	**Mn**	**55**		ug/L				822	5	Standard
⌈>	**Ge**	**72**		ug/L				95506	1	KED
⎢	**Co**	**59**		ug/L				4	65	KED
⎢	**Ni**	**60**		ug/L				22	42	KED
⎢	**Ni**	**62**		ug/L				6	41	KED
⎢	**Cu**	**63**		ug/L				140	18	KED
⎢	**Cu**	**65**		ug/L				62	17	KED
⎢	**Zn**	**66**		ug/L				170	5	KED
⎢	**Zn**	**67**		ug/L				29	20	KED
⎢	**As**	**75**		ug/L				3	56	KED
⌊	**Se**	**78**		ug/L				13	26	KED
	Y	**89**		ug/L				708606	1	Standard
	Kr	**83**		ug/L				306	12	Standard
⌈>	**In-1**	**115**		ug/L				27202	2	KED
⎢	**Mo**	**98**		ug/L				11	52	KED
⎢	**Cd**	**111**		ug/L				5	84	KED
⌊	**Cd**	**114**		ug/L				7	23	KED
⌈>	**In**	**115**		ug/L				1332008	1	Standard
⎢	**Ag**	**107**		ug/L				57	11	Standard
⎢	**Sb**	**121**		ug/L				373	13	Standard
⎢	**Sb**	**123**		ug/L				306	2	Standard
⎢	**Ba**	**135**		ug/L				46	18	Standard
⌊	**Ba**	**137**		ug/L				107	17	Standard
⌈>	**Tb**	**159**		ug/L				2820494	0	Standard
⎢	**Tl**	**205**		ug/L				156	9	Standard
⌊	**Pb**	**208**		ug/L				652	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:47:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1105862	1	Standard
⌊	**Be**	**9**	**50.412**	ug/L	0.878	1	4	335094	1	Standard
	C	**13**		ug/L			25578	24473	1	Standard
	Cl	**37**		ug/L			7247639	7611521	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1385115	1	Standard
⌈	**V**	**51**	**49.821**	ug/L	0.417	0	7213	1511457	2	Standard
⌊	**V-1**	**51**	**49.949**	ug/L	0.489	0	545	1525411	1	Standard
⌈	**Cr**	**52**	**50.643**	ug/L	0.756	1	21323	1333570	3	Standard
⌊	**Cr**	**53**	**51.025**	ug/L	0.354	0	277	155155	1	Standard
⌈	**Fe**	**54**	**5230.213**	ug/L	78.000	1	100521	15511668	0	Standard
⌊	**Fe**	**57**	**5146.071**	ug/L	51.281	0	21143	5714628	2	Standard
⌊	**Mn**	**55**	**52.998**	ug/L	1.419	2	822	2083290	4	Standard
⌈>	**Ge**	**72**		ug/L			95506	94990	1	KED
⌈	**Co**	**59**	**49.049**	ug/L	0.735	1	4	277462	0	KED
⌊	**Ni**	**60**	**49.622**	ug/L	1.413	2	22	81224	1	KED
⌈	**Ni**	**62**	**48.794**	ug/L	0.587	1	6	13068	1	KED
⌈	**Cu**	**63**	**49.169**	ug/L	0.661	1	140	235661	1	KED
⌊	**Cu**	**65**	**49.459**	ug/L	1.099	2	62	117778	0	KED
⌈	**Zn**	**66**	**50.880**	ug/L	1.065	2	170	34536	0	KED
⌊	**Zn**	**67**	**50.485**	ug/L	0.789	1	29	5683	2	KED
⌈	**As**	**75**	**49.727**	ug/L	1.116	2	3	16965	0	KED
⌊	**Se**	**78**	**49.734**	ug/L	1.054	2	13	1899	1	KED
	Y	**89**		ug/L			708606	733369	2	Standard
	Kr	**83**		ug/L			306	275	1	Standard
⌈>	**In-1**	**115**		ug/L			27202	27150	0	KED
⌈	**Mo**	**98**	**48.294**	ug/L	0.809	1	11	86445	1	KED
⌈	**Cd**	**111**	**49.064**	ug/L	0.504	1	5	19911	0	KED
⌊	**Cd**	**114**	**48.531**	ug/L	0.260	0	7	51006	0	KED
⌈>	**In**	**115**		ug/L			1332008	1344230	0	Standard
⌈	**Ag**	**107**	**50.867**	ug/L	0.468	0	57	820044	1	Standard
⌈	**Sb**	**121**	**48.857**	ug/L	0.265	0	373	976924	0	Standard
⌊	**Sb**	**123**	**49.380**	ug/L	0.953	1	306	754826	1	Standard
⌈	**Ba**	**135**	**51.278**	ug/L	0.497	0	46	361969	1	Standard
⌊	**Ba**	**137**	**51.120**	ug/L	1.109	2	107	637493	2	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2937401	1	Standard
⌈	**Tl**	**205**	**49.130**	ug/L	0.683	1	156	4643853	1	Standard
⌊	**Pb**	**208**	**47.824**	ug/L	0.789	1	652	5915075	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:54:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1062155	5	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	92	4	10	50	Standard
	C	**13**		ug/L			25578	25390	1	Standard
	Cl	**37**		ug/L			7247639	7075090	2	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1311009	6	Standard
⌈	**V**	**51**	**0.005**	ug/L	0.011	222	7213	7096	3	Standard
⌊	**V-1**	**51**	**0.001**	ug/L	0.001	116	545	555	2	Standard
⌈	**Cr**	**52**	**0.010**	ug/L	0.032	331	21323	20806	3	Standard
⌊	**Cr**	**53**	**-0.003**	ug/L	0.006	230	277	259	7	Standard
⌈	**Fe**	**54**	**1.824**	ug/L	4.981	273	100521	101589	6	Standard
⌊	**Fe**	**57**	**2.672**	ug/L	1.254	46	21143	23173	3	Standard
⌈	**Mn**	**55**	**0.003**	ug/L	0.003	110	822	890	5	Standard
⌈>	**Ge**	**72**		ug/L			95506	94603	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	238	4	3	91	KED
⌊	**Ni**	**60**	**0.013**	ug/L	0.001	5	22	42	2	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.012	474	6	7	43	KED
⌈	**Cu**	**63**	**0.005**	ug/L	0.002	32	140	165	5	KED
⌊	**Cu**	**65**	**0.007**	ug/L	0.005	71	62	77	15	KED
⌈	**Zn**	**66**	**0.014**	ug/L	0.026	188	170	177	9	KED
⌊	**Zn**	**67**	**0.082**	ug/L	0.102	123	29	38	30	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	283	3	3	28	KED
⌊	**Se**	**78**	**-0.022**	ug/L	0.060	273	13	12	18	KED
	Y	**89**		ug/L			708606	676454	4	Standard
	Kr	**83**		ug/L			306	310	8	Standard
⌈>	**In-1**	**115**		ug/L			27202	27426	2	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.004	1690	11	11	67	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.003	141	5	4	35	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	65	7	4	51	KED
⌈>	**In**	**115**		ug/L			1332008	1265257	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	81	57	66	11	Standard
⌈	**Sb**	**121**	**0.045**	ug/L	0.001	2	373	1210	2	Standard
⌊	**Sb**	**123**	**0.045**	ug/L	0.001	2	306	945	1	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.002	77	46	62	19	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	34	107	120	6	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2726919	2	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.001	26	156	344	11	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	5	652	940	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:00:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1090624	2	Standard
[	Be	9	0.001	ug/L	0.000	4	4	11	0	Standard
	C	13		ug/L			25578	50197	0	Standard
	Cl	37		ug/L			7247639	7631244	0	Standard
[>	Sc	45		ug/L			1357002	1454626	0	Standard
[	V	51	0.113	ug/L	0.005	4	7213	11301	1	Standard
[	V-1	51	0.132	ug/L	0.000	0	545	4811	0	Standard
[	Cr	52	0.130	ug/L	0.011	8	21323	26406	1	Standard
[	Cr	53	0.192	ug/L	0.007	3	277	908	2	Standard
[	Fe	54	53.054	ug/L	1.041	1	100521	271921	1	Standard
[	Fe	57	300.957	ug/L	3.655	1	21143	372292	0	Standard
[	Mn	55	195.143	ug/L	2.823	1	822	8050367	0	Standard
[>	Ge	72		ug/L			95506	85443	1	KED
[	Co	59	0.019	ug/L	0.006	32	4	101	30	KED
[	Ni	60	0.298	ug/L	0.014	4	22	457	2	KED
[	Ni	62	0.285	ug/L	0.008	2	6	74	2	KED
[	Cu	63	0.025	ug/L	0.004	15	140	233	5	KED
[	Cu	65	0.071	ug/L	0.006	8	62	206	7	KED
[	Zn	66	0.051	ug/L	0.021	40	170	183	8	KED
[	Zn	67	22.527	ug/L	0.472	2	29	2294	1	KED
[	As	75	0.021	ug/L	0.004	19	3	9	15	KED
[	Se	78	0.119	ug/L	0.108	90	13	16	23	KED
	Y	89		ug/L			708606	687174	1	Standard
	Kr	83		ug/L			306	335	8	Standard
[>	In-1	115		ug/L			27202	25014	1	KED
[	Mo	98	0.009	ug/L	0.006	67	11	26	40	KED
[	Cd	111	0.005	ug/L	0.009	172	5	6	51	KED
[	Cd	114	-0.002	ug/L	0.004	208	7	4	88	KED
[>	In	115		ug/L			1332008	1198054	1	Standard
[	Ag	107	0.001	ug/L	0.000	39	57	64	7	Standard
[	Sb	121	0.032	ug/L	0.002	7	373	911	4	Standard
[	Sb	123	0.035	ug/L	0.001	3	306	746	3	Standard
[	Ba	135	424.084	ug/L	12.007	2	46	2667228	1	Standard
[	Ba	137	410.787	ug/L	9.502	2	107	4564203	1	Standard
[>	Tb	159		ug/L			2820494	2793014	1	Standard
[	Tl	205	0.000	ug/L	0.000	115	156	163	6	Standard
[	Pb	208	0.010	ug/L	0.000	5	652	1795	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:04:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1089016	0	Standard
	Be	9	0.001	ug/L	0.001	41	4	13	28	Standard
	C	13		ug/L			25578	45986	0	Standard
	Cl	37		ug/L			7247639	7144372	0	Standard
>	Sc	45		ug/L			1357002	1445420	1	Standard
	V	51	0.005	ug/L	0.009	195	7213	7829	2	Standard
	V-1	51	0.125	ug/L	0.004	2	545	4568	1	Standard
	Cr	52	0.076	ug/L	0.024	31	21323	24758	0	Standard
	Cr	53	0.461	ug/L	0.006	1	277	1755	1	Standard
	Fe	54	43.190	ug/L	1.486	3	100521	239859	2	Standard
	Fe	57	47.054	ug/L	0.689	1	21143	76839	1	Standard
	Mn	55	7.938	ug/L	0.076	0	822	326243	2	Standard
>	Ge	72		ug/L			95506	90181	1	KED
	Co	59	0.002	ug/L	0.001	40	4	13	28	KED
	Ni	60	0.045	ug/L	0.009	20	22	90	14	KED
	Ni	62	0.036	ug/L	0.015	41	6	15	24	KED
	Cu	63	0.045	ug/L	0.005	10	140	336	6	KED
	Cu	65	0.061	ug/L	0.007	10	62	196	7	KED
	Zn	66	0.294	ug/L	0.011	3	170	349	1	KED
	Zn	67	2.435	ug/L	0.245	10	29	286	8	KED
	As	75	0.194	ug/L	0.010	5	3	65	5	KED
	Se	78	0.072	ug/L	0.080	110	13	15	18	KED
	Y	89		ug/L			708606	703856	2	Standard
	Kr	83		ug/L			306	298	15	Standard
>	In-1	115		ug/L			27202	25527	1	KED
	Mo	98	1.233	ug/L	0.051	4	11	2084	2	KED
	Cd	111	-0.001	ug/L	0.009	1109	5	4	75	KED
	Cd	114	0.001	ug/L	0.002	365	7	7	30	KED
>	In	115		ug/L			1332008	1290287	2	Standard
	Ag	107	-0.001	ug/L	0.000	61	57	47	10	Standard
	Sb	121	0.012	ug/L	0.002	16	373	594	8	Standard
	Sb	123	0.013	ug/L	0.002	12	306	482	7	Standard
	Ba	135	33.638	ug/L	0.879	2	46	227843	0	Standard
	Ba	137	33.821	ug/L	1.227	3	107	404642	1	Standard
>	Tb	159		ug/L			2820494	2875625	0	Standard
	Tl	205	-0.000	ug/L	0.000	18	156	113	6	Standard
	Pb	208	0.015	ug/L	0.000	1	652	2426	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:09:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1122341	0	Standard
[	Be	9	0.007	ug/L	0.000	1	4	50	2	Standard
	C	13		ug/L			25578	57709	0	Standard
	Cl	37		ug/L			7247639	7851617	0	Standard
[>	Sc	45		ug/L			1357002	1480784	0	Standard
[	V	51	0.431	ug/L	0.019	4	7213	21782	3	Standard
[	V-1	51	0.456	ug/L	0.016	3	545	15473	4	Standard
[	Cr	52	0.147	ug/L	0.011	7	21323	27329	1	Standard
[	Cr	53	0.237	ug/L	0.002	0	277	1070	1	Standard
[	Fe	54	10865.253	ug/L	80.552	0	100521	34338191	1	Standard
[	Fe	57	10964.618	ug/L	95.258	0	21143	12990987	1	Standard
[	Mn	55	544.447	ug/L	3.747	0	822	22863743	0	Standard
[>	Ge	72		ug/L			95506	90508	1	KED
[	Co	59	0.134	ug/L	0.011	7	4	726	6	KED
[	Ni	60	0.164	ug/L	0.020	12	22	276	11	KED
[	Ni	62	0.186	ug/L	0.085	45	6	53	38	KED
[	Cu	63	0.061	ug/L	0.004	6	140	410	4	KED
[	Cu	65	0.100	ug/L	0.006	5	62	286	5	KED
[	Zn	66	0.854	ug/L	0.046	5	170	711	5	KED
[	Zn	67	13.818	ug/L	0.350	2	29	1501	1	KED
[	As	75	0.885	ug/L	0.070	7	3	290	6	KED
[	Se	78	0.070	ug/L	0.122	175	13	15	27	KED
	Y	89		ug/L			708606	706664	1	Standard
	Kr	83		ug/L			306	286	5	Standard
[>	In-1	115		ug/L			27202	26307	2	KED
[	Mo	98	0.044	ug/L	0.010	21	11	88	18	KED
[	Cd	111	0.015	ug/L	0.009	60	5	10	30	KED
[	Cd	114	-0.002	ug/L	0.005	241	7	5	100	KED
[>	In	115		ug/L			1332008	1222274	1	Standard
[	Ag	107	0.003	ug/L	0.001	45	57	91	19	Standard
[	Sb	121	0.029	ug/L	0.002	6	373	869	3	Standard
[	Sb	123	0.029	ug/L	0.003	10	306	680	4	Standard
[	Ba	135	211.866	ug/L	2.086	0	46	1359588	0	Standard
[	Ba	137	227.688	ug/L	2.976	1	107	2581098	0	Standard
[>	Tb	159		ug/L			2820494	2850425	0	Standard
[	Tl	205	-0.001	ug/L	0.000	17	156	93	12	Standard
[	Pb	208	0.021	ug/L	0.001	2	652	3229	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-09
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:14:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1113154	3	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	165	4	5	33	Standard
	C	**13**		ug/L			25578	44531	1	Standard
	Cl	**37**		ug/L			7247639	7320951	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1379633	0	Standard
⌈	**V**	**51**	**0.026**	ug/L	0.004	16	7213	8104	1	Standard
⌊	**V-1**	**51**	**0.025**	ug/L	0.001	3	545	1327	1	Standard
⌈	**Cr**	**52**	**0.146**	ug/L	0.010	6	21323	25444	1	Standard
⌊	**Cr**	**53**	**0.141**	ug/L	0.004	2	277	707	2	Standard
⌈	**Fe**	**54**	**1.940**	ug/L	0.335	17	100521	107889	1	Standard
⌊	**Fe**	**57**	**-5.426**	ug/L	0.228	4	21143	15515	1	Standard
⌈	**Mn**	**55**	**0.078**	ug/L	0.002	2	822	3868	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	93712	0	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.001	81	4	12	52	KED
⌊	**Ni**	**60**	**0.009**	ug/L	0.002	27	22	35	11	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.004	56	6	8	12	KED
⌈	**Cu**	**63**	**0.059**	ug/L	0.008	12	140	414	9	KED
⌊	**Cu**	**65**	**0.062**	ug/L	0.010	15	62	206	10	KED
⌈	**Zn**	**66**	**-0.011**	ug/L	0.018	157	170	159	7	KED
⌊	**Zn**	**67**	**0.074**	ug/L	0.054	72	29	36	15	KED
⌈	**As**	**75**	**0.012**	ug/L	0.004	30	3	7	17	KED
⌊	**Se**	**78**	**0.077**	ug/L	0.030	38	13	16	7	KED
	Y	**89**		ug/L			708606	722020	1	Standard
	Kr	**83**		ug/L			306	287	11	Standard
⌈>	**In-1**	**115**		ug/L			27202	27378	0	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.002	54	11	19	22	KED
⌈	**Cd**	**111**	**0.004**	ug/L	0.007	182	5	6	42	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	77	7	4	57	KED
⌈>	**In**	**115**		ug/L			1332008	1347088	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	58	57	80	15	Standard
⌈	**Sb**	**121**	**0.047**	ug/L	0.001	1	373	1322	1	Standard
⌊	**Sb**	**123**	**0.048**	ug/L	0.004	7	306	1047	5	Standard
⌈	**Ba**	**135**	**0.279**	ug/L	0.006	2	46	2021	1	Standard
⌊	**Ba**	**137**	**0.273**	ug/L	0.009	3	107	3518	3	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2859493	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	42	156	111	18	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	12	652	455	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-10
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:18:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1099312	1	Standard
	Be	9	0.005	ug/L	0.002	35	4	37	29	Standard
	C	13		ug/L			25578	47005	1	Standard
	Cl	37		ug/L			7247639	7528242	0	Standard
>	Sc	45		ug/L			1357002	1497858	0	Standard
	V	51	0.008	ug/L	0.002	28	7213	8207	0	Standard
	V-1	51	0.107	ug/L	0.004	3	545	4119	2	Standard
	Cr	52	0.011	ug/L	0.009	84	21323	23832	0	Standard
	Cr	53	0.329	ug/L	0.015	4	277	1385	3	Standard
	Fe	54	1173.031	ug/L	8.065	0	100521	3848816	0	Standard
	Fe	57	1277.760	ug/L	15.612	1	21143	1551974	1	Standard
	Mn	55	32.472	ug/L	0.828	2	822	1380148	2	Standard
>	Ge	72		ug/L			95506	85095	0	KED
	Co	59	0.012	ug/L	0.002	21	4	63	19	KED
	Ni	60	0.492	ug/L	0.043	8	22	741	7	KED
	Ni	62	0.443	ug/L	0.107	24	6	112	22	KED
	Cu	63	0.159	ug/L	0.009	5	140	809	5	KED
	Cu	65	0.198	ug/L	0.007	3	62	476	2	KED
	Zn	66	1.206	ug/L	0.138	11	170	881	9	KED
	Zn	67	22.216	ug/L	0.674	3	29	2254	3	KED
	As	75	0.670	ug/L	0.046	6	3	207	6	KED
	Se	78	0.136	ug/L	0.143	105	13	16	28	KED
	Y	89		ug/L			708606	667813	0	Standard
	Kr	83		ug/L			306	286	12	Standard
>	In-1	115		ug/L			27202	25027	2	KED
	Mo	98	0.304	ug/L	0.016	5	11	512	3	KED
	Cd	111	0.003	ug/L	0.000	11	5	5	0	KED
	Cd	114	-0.011	ug/L	0.005	42	7	-4	110	KED
>	In	115		ug/L			1332008	1223560	1	Standard
	Ag	107	0.001	ug/L	0.000	54	57	64	9	Standard
	Sb	121	0.026	ug/L	0.003	10	373	813	8	Standard
	Sb	123	0.026	ug/L	0.001	2	306	644	3	Standard
	Ba	135	382.755	ug/L	7.304	1	46	2458489	0	Standard
	Ba	137	372.599	ug/L	4.897	1	107	4228362	1	Standard
>	Tb	159		ug/L			2820494	2790067	1	Standard
	Tl	205	-0.001	ug/L	0.000	16	156	89	11	Standard
	Pb	208	0.010	ug/L	0.000	2	652	1845	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-11
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:23:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1094066	4	Standard
[	Be	9	0.002	ug/L	0.000	26	4	15	18	Standard
	C	13		ug/L			25578	52000	2	Standard
	Cl	37		ug/L			7247639	7095290	1	Standard
[>	Sc	45		ug/L			1357002	1500269	1	Standard
[	V	51	0.020	ug/L	0.009	45	7213	8640	2	Standard
[	V-1	51	0.072	ug/L	0.003	3	545	2977	3	Standard
[	Cr	52	-0.051	ug/L	0.024	48	21323	22143	1	Standard
[	Cr	53	0.117	ug/L	0.004	3	277	691	3	Standard
[	Fe	54	11063.007	ug/L	176.837	1	100521	35415323	0	Standard
[	Fe	57	11872.422	ug/L	134.121	1	21143	14247847	0	Standard
[	Mn	55	519.772	ug/L	4.826	0	822	22113747	0	Standard
[>	Ge	72		ug/L			95506	86103	0	KED
[	Co	59	22.379	ug/L	0.221	0	4	114774	1	KED
[	Ni	60	7.169	ug/L	0.302	4	22	10659	4	KED
[	Ni	62	7.162	ug/L	0.309	4	6	1744	4	KED
[	Cu	63	0.100	ug/L	0.009	8	140	560	6	KED
[	Cu	65	0.114	ug/L	0.009	8	62	302	6	KED
[	Zn	66	0.875	ug/L	0.075	8	170	689	7	KED
[	Zn	67	2.048	ug/L	0.074	3	29	234	3	KED
[	As	75	1.789	ug/L	0.051	2	3	556	3	KED
[	Se	78	0.101	ug/L	0.094	92	13	15	19	KED
	Y	89		ug/L			708606	698915	1	Standard
	Kr	83		ug/L			306	301	8	Standard
[>	In-1	115		ug/L			27202	24940	0	KED
[	Mo	98	0.150	ug/L	0.008	5	11	257	5	KED
[	Cd	111	0.005	ug/L	0.004	85	5	6	22	KED
[	Cd	114	-0.003	ug/L	0.001	34	7	3	28	KED
[>	In	115		ug/L			1332008	1335600	3	Standard
[	Ag	107	0.001	ug/L	0.000	27	57	75	7	Standard
[	Sb	121	0.008	ug/L	0.001	14	373	542	7	Standard
[	Sb	123	0.009	ug/L	0.002	18	306	440	5	Standard
[	Ba	135	25.042	ug/L	0.990	3	46	175482	0	Standard
[	Ba	137	24.491	ug/L	1.178	4	107	303140	1	Standard
[>	Tb	159		ug/L			2820494	2946918	0	Standard
[	Tl	205	-0.000	ug/L	0.000	43	156	116	16	Standard
[	Pb	208	0.011	ug/L	0.000	0	652	2059	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:30:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1165630	1	Standard
[	Be	9	0.003	ug/L	0.000	12	4	29	9	Standard
	C	13		ug/L			25578	53450	1	Standard
	Cl	37		ug/L			7247639	7757681	0	Standard
[>	Sc	45		ug/L			1357002	1565601	1	Standard
[	V	51	0.236	ug/L	0.005	2	7213	16389	1	Standard
[	V-1	51	0.318	ug/L	0.003	0	545	11592	1	Standard
[	Cr	52	0.143	ug/L	0.011	7	21323	28797	0	Standard
[	Cr	53	0.408	ug/L	0.009	2	277	1720	1	Standard
[	Fe	54	404.753	ug/L	4.747	1	100521	1463977	1	Standard
[	Fe	57	519.355	ug/L	3.395	0	21143	673776	1	Standard
[	Mn	55	158.796	ug/L	2.158	1	822	7050535	0	Standard
[>	Ge	72		ug/L			95506	90699	1	KED
[	Co	59	0.016	ug/L	0.003	18	4	90	17	KED
[	Ni	60	0.214	ug/L	0.013	6	22	355	5	KED
[	Ni	62	0.210	ug/L	0.052	24	6	60	22	KED
[	Cu	63	0.063	ug/L	0.007	10	140	420	8	KED
[	Cu	65	0.112	ug/L	0.015	13	62	314	9	KED
[	Zn	66	1.007	ug/L	0.065	6	170	810	3	KED
[	Zn	67	21.259	ug/L	0.724	3	29	2300	2	KED
[	As	75	9.715	ug/L	0.121	1	3	3167	0	KED
[	Se	78	-0.007	ug/L	0.122	1688	13	12	35	KED
	Y	89		ug/L			708606	702781	2	Standard
	Kr	83		ug/L			306	317	15	Standard
[>	In-1	115		ug/L			27202	25608	0	KED
[	Mo	98	2.271	ug/L	0.067	2	11	3843	2	KED
[	Cd	111	0.003	ug/L	0.005	159	5	6	32	KED
[	Cd	114	0.008	ug/L	0.004	47	7	14	24	KED
[>	In	115		ug/L			1332008	1340173	0	Standard
[	Ag	107	-0.000	ug/L	0.000	348	57	55	13	Standard
[	Sb	121	-0.003	ug/L	0.002	60	373	318	10	Standard
[	Sb	123	-0.002	ug/L	0.001	36	306	273	4	Standard
[	Ba	135	361.808	ug/L	1.177	0	46	2546032	0	Standard
[	Ba	137	351.530	ug/L	2.324	0	107	4369899	0	Standard
[>	Tb	159		ug/L			2820494	2925176	0	Standard
[	Tl	205	-0.001	ug/L	0.000	13	156	87	12	Standard
[	Pb	208	0.009	ug/L	0.000	2	652	1768	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:35:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1092049	1107800	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	17	4	12	9	Standard
	C	**13**		ug/L			25578	47614	2	Standard
	Cl	**37**		ug/L			7247639	7070013	1	Standard
[>	**Sc**	**45**		ug/L			1357002	1561625	0	Standard
[	**V**	**51**	**-0.019**	ug/L	0.008	41	7213	7668	3	Standard
[	**V-1**	**51**	**0.061**	ug/L	0.003	4	545	2729	3	Standard
[	**Cr**	**52**	**0.042**	ug/L	0.010	23	21323	25763	1	Standard
[	**Cr**	**53**	**0.296**	ug/L	0.014	4	277	1331	2	Standard
[	**Fe**	**54**	**2190.776**	ug/L	48.282	2	100521	7393100	1	Standard
[	**Fe**	**57**	**2291.378**	ug/L	37.204	1	21143	2881975	0	Standard
[	**Mn**	**55**	**29.249**	ug/L	0.423	1	822	1296205	0	Standard
[>	**Ge**	**72**		ug/L			95506	94408	1	KED
[	**Co**	**59**	**0.005**	ug/L	0.001	16	4	34	13	KED
[	**Ni**	**60**	**0.062**	ug/L	0.015	24	22	122	20	KED
[	**Ni**	**62**	**0.055**	ug/L	0.037	66	6	21	44	KED
[	**Cu**	**63**	**0.028**	ug/L	0.006	20	140	269	9	KED
[	**Cu**	**65**	**0.041**	ug/L	0.005	11	62	158	7	KED
[	**Zn**	**66**	**0.262**	ug/L	0.055	20	170	344	10	KED
[	**Zn**	**67**	**7.563**	ug/L	0.513	6	29	870	6	KED
[	**As**	**75**	**0.018**	ug/L	0.003	16	3	9	10	KED
[	**Se**	**78**	**-0.030**	ug/L	0.018	59	13	12	6	KED
	Y	**89**		ug/L			708606	741760	0	Standard
	Kr	**83**		ug/L			306	313	11	Standard
[>	**In-1**	**115**		ug/L			27202	26914	0	KED
[	**Mo**	**98**	**0.012**	ug/L	0.003	20	11	33	13	KED
[	**Cd**	**111**	**-0.001**	ug/L	0.005	734	5	4	40	KED
[	**Cd**	**114**	**-0.002**	ug/L	0.001	47	7	4	25	KED
[>	**In**	**115**		ug/L			1332008	1422012	0	Standard
[	**Ag**	**107**	**0.004**	ug/L	0.000	10	57	126	5	Standard
[	**Sb**	**121**	**0.011**	ug/L	0.003	25	373	633	9	Standard
[	**Sb**	**123**	**0.010**	ug/L	0.002	17	306	483	5	Standard
[	**Ba**	**135**	**106.755**	ug/L	0.912	0	46	797147	1	Standard
[	**Ba**	**137**	**104.965**	ug/L	0.714	0	107	1384597	0	Standard
[>	**Tb**	**159**		ug/L			2820494	2966117	0	Standard
[	**Tl**	**205**	**-0.001**	ug/L	0.000	8	156	74	9	Standard
[	**Pb**	**208**	**0.010**	ug/L	0.001	6	652	1880	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:40:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1126921	1	Standard
	Be	9	0.009	ug/L	0.002	24	4	63	24	Standard
	C	13		ug/L			25578	51113	1	Standard
	Cl	37		ug/L			7247639	7555175	0	Standard
>	Sc	45		ug/L			1357002	1576546	1	Standard
	V	51	0.058	ug/L	0.011	19	7213	10363	4	Standard
	V-1	51	0.125	ug/L	0.003	2	545	4972	2	Standard
	Cr	52	0.630	ug/L	0.013	2	21323	43331	0	Standard
	Cr	53	0.825	ug/L	0.047	5	277	3172	4	Standard
	Fe	54	727.378	ug/L	13.332	1	100521	2556083	1	Standard
	Fe	57	752.836	ug/L	13.368	1	21143	972381	0	Standard
	Mn	55	27.564	ug/L	0.452	1	822	1233247	1	Standard
>	Ge	72		ug/L			95506	90952	1	KED
	Co	59	0.041	ug/L	0.004	10	4	227	9	KED
	Ni	60	0.532	ug/L	0.024	4	22	855	3	KED
	Ni	62	0.576	ug/L	0.027	4	6	154	4	KED
	Cu	63	0.317	ug/L	0.025	7	140	1586	6	KED
	Cu	65	0.378	ug/L	0.009	2	62	920	1	KED
	Zn	66	0.401	ug/L	0.033	8	170	421	4	KED
	Zn	67	23.963	ug/L	0.579	2	29	2597	2	KED
	As	75	3.671	ug/L	0.096	2	3	1202	1	KED
	Se	78	0.052	ug/L	0.032	61	13	14	6	KED
	Y	89		ug/L			708606	708521	1	Standard
	Kr	83		ug/L			306	278	8	Standard
>	In-1	115		ug/L			27202	25578	1	KED
	Mo	98	0.678	ug/L	0.023	3	11	1154	2	KED
	Cd	111	0.001	ug/L	0.006	766	5	5	47	KED
	Cd	114	-0.002	ug/L	0.002	83	7	4	45	KED
>	In	115		ug/L			1332008	1372990	1	Standard
	Ag	107	-0.000	ug/L	0.000	19	57	55		Standard
	Sb	121	0.053	ug/L	0.003	6	373	1462	4	Standard
	Sb	123	0.050	ug/L	0.002	4	306	1090	2	Standard
	Ba	135	387.412	ug/L	4.291	1	46	2792694	0	Standard
	Ba	137	371.712	ug/L	3.973	1	107	4733595	0	Standard
>	Tb	159		ug/L			2820494	2972792	1	Standard
	Tl	205	-0.001	ug/L	0.000	9	156	69	14	Standard
	Pb	208	0.019	ug/L	0.000	2	652	3111	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:47:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1180136	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	99	4	8	44	Standard
	C	**13**		ug/L			25578	25203	1	Standard
	Cl	**37**		ug/L			7247639	7735771	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1446453	0	Standard
⌈	**V**	**51**	**-0.010**	ug/L	0.003	27	7213	7372	1	Standard
⌊	**V-1**	**51**	**0.004**	ug/L	0.000	9	545	719	0	Standard
⌈	**Cr**	**52**	**-0.046**	ug/L	0.012	26	21323	21489	1	Standard
⌊	**Cr**	**53**	**0.002**	ug/L	0.008	452	277	300	7	Standard
⌈	**Fe**	**54**	**-1.835**	ug/L	1.006	54	100521	101494	2	Standard
⌊	**Fe**	**57**	**-4.640**	ug/L	0.284	6	21143	17178	2	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	102	822	840	4	Standard
⌈>	**Ge**	**72**		ug/L			95506	95897	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	227	4	3	91	KED
⌊	**Ni**	**60**	**0.003**	ug/L	0.006	241	22	26	39	KED
⌈	**Ni**	**62**	**0.009**	ug/L	0.028	305	6	9	80	KED
⌊	**Cu**	**63**	**-0.010**	ug/L	0.003	32	140	93	15	KED
⌈	**Cu**	**65**	**-0.010**	ug/L	0.003	35	62	39	20	KED
⌊	**Zn**	**66**	**-0.089**	ug/L	0.018	20	170	110	12	KED
⌈	**Zn**	**67**	**-0.069**	ug/L	0.085	123	29	21	45	KED
⌊	**As**	**75**	**-0.003**	ug/L	0.002	59	3	2	24	KED
⌊	**Se**	**78**	**-0.079**	ug/L	0.062	78	13	10	21	KED
	Y	**89**		ug/L			708606	712334	2	Standard
	Kr	**83**		ug/L			306	302	5	Standard
⌈>	**In-1**	**115**		ug/L			27202	26312	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.003	141	11	8	53	KED
⌊	**Cd**	**111**	**-0.001**	ug/L	0.005	435	5	4	44	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.003	94	7	3	91	KED
⌈>	**In**	**115**		ug/L			1332008	1371774	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	334	57	57	13	Standard
⌊	**Sb**	**121**	**-0.015**	ug/L	0.000	2	373	70	12	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.001	4	306	60	17	Standard
⌊	**Ba**	**135**	**-0.001**	ug/L	0.002	144	46	38	36	Standard
⌊	**Ba**	**137**	**-0.003**	ug/L	0.000	12	107	71	7	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2875497	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	7	156	56	12	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	25	652	606	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:52:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1092049	1142836	2	Standard
	Be	**9**	**50.038**	ug/L	1.196	2	4	343651	0	Standard
	C	**13**		ug/L			25578	25317	1	Standard
	Cl	**37**		ug/L			7247639	7911224	0	Standard
>	**Sc**	**45**		ug/L			1357002	1453683	0	Standard
	V	**51**	**49.739**	ug/L	0.670	1	7213	1583776	2	Standard
	V-1	**51**	**49.826**	ug/L	0.456	0	545	1597135	1	Standard
	Cr	**52**	**50.024**	ug/L	0.433	0	21323	1382564	1	Standard
	Cr	**53**	**50.294**	ug/L	0.828	1	277	160502	0	Standard
	Fe	**54**	**5203.883**	ug/L	19.510	0	100521	16201384	1	Standard
	Fe	**57**	**5188.701**	ug/L	49.690	0	21143	6046588	0	Standard
	Mn	**55**	**52.558**	ug/L	1.047	1	822	2167415	1	Standard
>	**Ge**	**72**		ug/L			95506	97756	0	KED
	Co	**59**	**49.223**	ug/L	0.336	0	4	286598	0	KED
	Ni	**60**	**49.315**	ug/L	0.412	0	22	83104	1	KED
	Ni	**62**	**49.744**	ug/L	1.097	2	6	13713	3	KED
	Cu	**63**	**49.201**	ug/L	0.256	0	140	242710	0	KED
	Cu	**65**	**49.253**	ug/L	0.495	1	62	120739	1	KED
	Zn	**66**	**50.273**	ug/L	0.095	0	170	35130	1	KED
	Zn	**67**	**50.274**	ug/L	0.739	1	29	5823	0	KED
	As	**75**	**49.320**	ug/L	0.317	0	3	17321	1	KED
	Se	**78**	**49.554**	ug/L	1.114	2	13	1948	1	KED
	Y	**89**		ug/L			708606	739885	0	Standard
	Kr	**83**		ug/L			306	309	9	Standard
>	**In-1**	**115**		ug/L			27202	27326	1	KED
	Mo	**98**	**48.623**	ug/L	0.911	1	11	87584	0	KED
	Cd	**111**	**48.628**	ug/L	0.437	0	5	19862	0	KED
	Cd	**114**	**48.942**	ug/L	0.607	1	7	51770	1	KED
>	**In**	**115**		ug/L			1332008	1412795	1	Standard
	Ag	**107**	**49.670**	ug/L	0.657	1	57	841511	1	Standard
	Sb	**121**	**49.401**	ug/L	0.599	1	373	1038120	1	Standard
	Sb	**123**	**50.114**	ug/L	0.726	1	306	805124	1	Standard
	Ba	**135**	**50.143**	ug/L	0.918	1	46	371972	1	Standard
	Ba	**137**	**49.371**	ug/L	0.750	1	107	647062	1	Standard
>	**Tb**	**159**		ug/L			2820494	3030773	1	Standard
	Tl	**205**	**49.367**	ug/L	0.682	1	156	4814997	1	Standard
	Pb	**208**	**47.622**	ug/L	0.798	1	652	6077300	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:59:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1126736	4	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	128	4	6	41	Standard
	C	**13**		ug/L			25578	26557	1	Standard
	Cl	**37**		ug/L			7247639	7447057	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1403395	0	Standard
⌈	**V**	**51**	**-0.010**	ug/L	0.005	48	7213	7150	1	Standard
⌊	**V-1**	**51**	**0.004**	ug/L	0.000	7	545	686	1	Standard
⌈	**Cr**	**52**	**-0.036**	ug/L	0.014	38	21323	21106	0	Standard
⌊	**Cr**	**53**	**0.010**	ug/L	0.003	28	277	317	3	Standard
⌈	**Fe**	**54**	**-0.884**	ug/L	0.392	44	100521	101313	0	Standard
⌊	**Fe**	**57**	**-1.929**	ug/L	0.033	1	21143	19703	0	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	42	822	988	5	Standard
⌈>	**Ge**	**72**		ug/L			95506	95849	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.000	62	4	7	25	KED
⌊	**Ni**	**60**	**0.008**	ug/L	0.005	68	22	35	26	KED
⌈	**Ni**	**62**	**0.021**	ug/L	0.009	40	6	12	17	KED
⌈	**Cu**	**63**	**0.005**	ug/L	0.003	62	140	165	7	KED
⌊	**Cu**	**65**	**0.009**	ug/L	0.001	13	62	85	2	KED
⌈	**Zn**	**66**	**0.113**	ug/L	0.043	38	170	247	10	KED
⌊	**Zn**	**67**	**0.090**	ug/L	0.074	81	29	39	19	KED
⌈	**As**	**75**	**0.005**	ug/L	0.005	112	3	4	36	KED
⌊	**Se**	**78**	**0.015**	ug/L	0.057	379	13	14	16	KED
	Y	**89**		ug/L			708606	721506	2	Standard
	Kr	**83**		ug/L			306	299	3	Standard
⌈>	**In-1**	**115**		ug/L			27202	27379	1	KED
⌈	**Mo**	**98**	**0.007**	ug/L	0.002	24	11	24	11	KED
⌈	**Cd**	**111**	**-0.008**	ug/L	0.005	59	5	1	100	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.004	203	7	5	72	KED
⌈>	**In**	**115**		ug/L			1332008	1386048	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	224	57	64	16	Standard
⌈	**Sb**	**121**	**0.038**	ug/L	0.004	9	373	1176	5	Standard
⌊	**Sb**	**123**	**0.039**	ug/L	0.002	6	306	927	5	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	28	46	78	11	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	83	107	130	10	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2864353	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	14	156	348	7	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	5	652	1116	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:04:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1080729	7	Standard
[	Be	9	0.001	ug/L	0.001	57	4	10	36	Standard
	C	13		ug/L			25578	55125	0	Standard
	Cl	37		ug/L			7247639	6855565	2	Standard
[>	Sc	45		ug/L			1357002	1569310	6	Standard
[	V	51	-0.022	ug/L	0.012	55	7213	7584	1	Standard
[	V-1	51	0.187	ug/L	0.011	5	545	7083	3	Standard
[	Cr	52	0.176	ug/L	0.045	25	21323	29785	3	Standard
[	Cr	53	0.840	ug/L	0.044	5	277	3205	5	Standard
[	Fe	54	132.863	ug/L	9.931	7	100521	558415	2	Standard
[	Fe	57	144.326	ug/L	7.761	5	21143	204923	2	Standard
[	Mn	55	41.844	ug/L	1.645	3	822	1861167	5	Standard
[>	Ge	72		ug/L			95506	93517	0	KED
[	Co	59	0.014	ug/L	0.000	2	4	83	2	KED
[	Ni	60	0.733	ug/L	0.031	4	22	1202	4	KED
[	Ni	62	0.757	ug/L	0.093	12	6	206	12	KED
[	Cu	63	0.269	ug/L	0.011	3	140	1407	3	KED
[	Cu	65	0.268	ug/L	0.025	9	62	689	8	KED
[	Zn	66	0.874	ug/L	0.019	2	170	747	1	KED
[	Zn	67	1.831	ug/L	0.254	13	29	230	12	KED
[	As	75	0.012	ug/L	0.003	25	3	6	14	KED
[	Se	78	0.035	ug/L	0.075	214	13	14	19	KED
	Y	89		ug/L			708606	691046	7	Standard
	Kr	83		ug/L			306	311	13	Standard
[>	In-1	115		ug/L			27202	26330	0	KED
[	Mo	98	0.197	ug/L	0.030	14	11	353	13	KED
[	Cd	111	-0.005	ug/L	0.006	123	5	2	88	KED
[	Cd	114	-0.004	ug/L	0.003	74	7	2	104	KED
[>	In	115		ug/L			1332008	1302223	6	Standard
[	Ag	107	-0.000	ug/L	0.000	67	57	51	7	Standard
[	Sb	121	0.010	ug/L	0.002	19	373	563	9	Standard
[	Sb	123	0.009	ug/L	0.001	16	306	430	2	Standard
[	Ba	135	17.786	ug/L	0.962	5	46	121397	2	Standard
[	Ba	137	17.539	ug/L	0.890	5	107	211546	2	Standard
[>	Tb	159		ug/L			2820494	2786205	7	Standard
[	Tl	205	0.000	ug/L	0.000	478	156	157	4	Standard
[	Pb	208	0.070	ug/L	0.005	6	652	8839	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-09
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:10:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1124337	3	Standard
[	Be	9	0.005	ug/L	0.002	39	4	37	33	Standard
	C	13		ug/L			25578	48467	2	Standard
	Cl	37		ug/L			7247639	7816744	0	Standard
[>	Sc	45		ug/L			1357002	1538366	0	Standard
[	V	51	0.449	ug/L	0.007	1	7213	23225	1	Standard
[	V-1	51	0.492	ug/L	0.007	1	545	17302	1	Standard
[	Cr	52	0.003	ug/L	0.007	274	21323	24246	0	Standard
[	Cr	53	0.158	ug/L	0.006	3	277	845	2	Standard
[	Fe	54	11846.812	ug/L	23.448	0	100521	38885708	0	Standard
[	Fe	57	12298.039	ug/L	85.537	0	21143	15133535	0	Standard
[	Mn	55	429.236	ug/L	7.694	1	822	18725946	1	Standard
[>	Ge	72		ug/L			95506	90366	1	KED
[	Co	59	0.094	ug/L	0.002	1	4	511	0	KED
[	Ni	60	0.161	ug/L	0.018	11	22	271	8	KED
[	Ni	62	0.146	ug/L	0.031	21	6	43	18	KED
[	Cu	63	0.044	ug/L	0.001	1	140	332	2	KED
[	Cu	65	0.061	ug/L	0.003	4	62	198	1	KED
[	Zn	66	0.157	ug/L	0.031	19	170	261	6	KED
[	Zn	67	3.687	ug/L	0.134	3	29	420	2	KED
[	As	75	2.185	ug/L	0.085	3	3	712	2	KED
[	Se	78	0.023	ug/L	0.066	282	13	13	16	KED
	Y	89		ug/L			708606	723268	0	Standard
	Kr	83		ug/L			306	320	2	Standard
[>	In-1	115		ug/L			27202	25814	2	KED
[	Mo	98	0.367	ug/L	0.026	7	11	635	4	KED
[	Cd	111	-0.006	ug/L	0.002	26	5	2	21	KED
[	Cd	114	-0.004	ug/L	0.003	92	7	3	103	KED
[>	In	115		ug/L			1332008	1272577	4	Standard
[	Ag	107	0.001	ug/L	0.000	13	57	74	7	Standard
[	Sb	121	0.017	ug/L	0.003	15	373	676	4	Standard
[	Sb	123	0.018	ug/L	0.005	26	306	546	12	Standard
[	Ba	135	55.609	ug/L	1.685	3	46	371303	1	Standard
[	Ba	137	55.562	ug/L	1.796	3	107	655417	1	Standard
[>	Tb	159		ug/L			2820494	2933906	0	Standard
[	Tl	205	-0.001	ug/L	0.000	1	156	61	3	Standard
[	Pb	208	0.013	ug/L	0.001	4	652	2260	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-11
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:15:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1146886	0	Standard
[	Be	9	0.001	ug/L	0.001	112	4	11	66	Standard
	C	13		ug/L			25578	53692	1	Standard
	Cl	37		ug/L			7247639	7645705	0	Standard
[>	Sc	45		ug/L			1357002	1545990	1	Standard
[	V	51	0.089	ug/L	0.003	3	7213	11218	0	Standard
[	V-1	51	0.120	ug/L	0.001	0	545	4706	1	Standard
[	Cr	52	0.032	ug/L	0.013	40	21323	25201	0	Standard
[	Cr	53	0.133	ug/L	0.004	3	277	765	0	Standard
[	Fe	54	148.410	ug/L	1.299	0	100521	602586	1	Standard
[	Fe	57	312.151	ug/L	3.031	0	21143	409473	1	Standard
[	Mn	55	187.566	ug/L	1.202	0	822	8224061	1	Standard
[>	Ge	72		ug/L			95506	89317	0	KED
[	Co	59	0.074	ug/L	0.002	2	4	395	2	KED
[	Ni	60	0.113	ug/L	0.017	14	22	194	13	KED
[	Ni	62	0.098	ug/L	0.019	19	6	31	15	KED
[	Cu	63	0.015	ug/L	0.007	43	140	198	14	KED
[	Cu	65	0.048	ug/L	0.001	2	62	166	1	KED
[	Zn	66	8.865	ug/L	0.049	0	170	5791	0	KED
[	Zn	67	22.904	ug/L	1.690	7	29	2438	7	KED
[	As	75	0.059	ug/L	0.009	15	3	21	13	KED
[	Se	78	-0.016	ug/L	0.103	637	13	12	29	KED
	Y	89		ug/L			708606	697517	0	Standard
	Kr	83		ug/L			306	329	4	Standard
[>	In-1	115		ug/L			27202	25153	1	KED
[	Mo	98	0.085	ug/L	0.006	6	11	151	5	KED
[	Cd	111	0.001	ug/L	0.012	1253	5	5	88	KED
[	Cd	114	-0.002	ug/L	0.002	100	7	4	44	KED
[>	In	115		ug/L			1332008	1243571	2	Standard
[	Ag	107	-0.000	ug/L	0.001	554	57	51	30	Standard
[	Sb	121	0.024	ug/L	0.003	13	373	799	6	Standard
[	Sb	123	0.027	ug/L	0.001	4	306	672	4	Standard
[	Ba	135	263.340	ug/L	4.316	1	46	1719100	0	Standard
[	Ba	137	282.113	ug/L	3.893	1	107	3253971	2	Standard
[>	Tb	159		ug/L			2820494	2902759	0	Standard
[	Tl	205	-0.001	ug/L	0.000	26	156	74	31	Standard
[	Pb	208	-0.001	ug/L	0.000	19	652	523	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-13
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:19:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1114957	1	Standard
	Be	9	0.001	ug/L	0.000	19	4	10	10	Standard
	C	13		ug/L			25578	47868	1	Standard
	Cl	37		ug/L			7247639	7351981	1	Standard
>	Sc	45		ug/L			1357002	1517328	1	Standard
	V	51	0.014	ug/L	0.001	6	7213	8528	1	Standard
	V-1	51	0.057	ug/L	0.001	2	545	2514	2	Standard
	Cr	52	-0.046	ug/L	0.009	20	21323	22544	0	Standard
	Cr	53	0.095	ug/L	0.010	10	277	624	5	Standard
	Fe	54	20.416	ug/L	0.902	4	100521	178274	0	Standard
	Fe	57	80.934	ug/L	0.711	0	21143	121715	1	Standard
	Mn	55	37.933	ug/L	0.151	0	822	1633227	1	Standard
>	Ge	72		ug/L			95506	87252	6	KED
	Co	59	0.110	ug/L	0.008	7	4	573	4	KED
	Ni	60	0.582	ug/L	0.016	2	22	895	4	KED
	Ni	62	0.501	ug/L	0.068	13	6	130	18	KED
	Cu	63	0.641	ug/L	0.033	5	140	2946	5	KED
	Cu	65	0.667	ug/L	0.028	4	62	1514	3	KED
	Zn	66	0.705	ug/L	0.064	9	170	594	12	KED
	Zn	67	5.247	ug/L	0.466	8	29	565	6	KED
	As	75	0.696	ug/L	0.038	5	3	220	3	KED
	Se	78	-0.030	ug/L	0.015	49	13	11	9	KED
	Y	89		ug/L			708606	712581	1	Standard
	Kr	83		ug/L			306	279	14	Standard
>	In-1	115		ug/L			27202	25588	1	KED
	Mo	98	0.655	ug/L	0.009	1	11	1115	2	KED
	Cd	111	0.004	ug/L	0.003	73	5	6	17	KED
	Cd	114	0.001	ug/L	0.002	144	7	8	24	KED
>	In	115		ug/L			1332008	1333430	3	Standard
	Ag	107	0.002	ug/L	0.000	13	57	93	3	Standard
	Sb	121	0.005	ug/L	0.003	74	373	464	13	Standard
	Sb	123	0.003	ug/L	0.001	44	306	354	6	Standard
	Ba	135	69.701	ug/L	1.937	2	46	487771	0	Standard
	Ba	137	69.224	ug/L	1.340	1	107	855944	1	Standard
>	Tb	159		ug/L			2820494	2910656	1	Standard
	Tl	205	-0.000	ug/L	0.000	129	156	153	7	Standard
	Pb	208	0.006	ug/L	0.000	6	652	1391	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-15
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:24:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1150746	3	Standard
	Be	9	0.006	ug/L	0.002	45	4	43	42	Standard
	C	13		ug/L			25578	49268	1	Standard
	Cl	37		ug/L			7247639	7686927	0	Standard
>	Sc	45		ug/L			1357002	1548334	1	Standard
	V	51	0.074	ug/L	0.005	6	7213	10710	1	Standard
	V-1	51	0.107	ug/L	0.003	2	545	4259	2	Standard
	Cr	52	-0.029	ug/L	0.016	55	21323	23478	1	Standard
	Cr	53	0.081	ug/L	0.009	10	277	589	3	Standard
	Fe	54	1264.192	ug/L	30.744	2	100521	4277998	1	Standard
	Fe	57	1378.147	ug/L	25.971	1	21143	1728297	2	Standard
	Mn	55	152.586	ug/L	1.335	0	822	6700424	0	Standard
>	Ge	72		ug/L			95506	88537	1	KED
	Co	59	0.017	ug/L	0.003	15	4	93	15	KED
	Ni	60	0.121	ug/L	0.015	12	22	204	10	KED
	Ni	62	0.109	ug/L	0.024	21	6	33	16	KED
	Cu	63	1.005	ug/L	0.029	2	140	4615	2	KED
	Cu	65	1.035	ug/L	0.028	2	62	2354	2	KED
	Zn	66	2.629	ug/L	0.094	3	170	1813	4	KED
	Zn	67	19.460	ug/L	1.377	7	29	2057	6	KED
	As	75	0.189	ug/L	0.016	8	3	62	6	KED
	Se	78	-0.016	ug/L	0.042	262	13	12	10	KED
	Y	89		ug/L			708606	697693	1	Standard
	Kr	83		ug/L			306	297	5	Standard
>	In-1	115		ug/L			27202	24536	0	KED
	Mo	98	0.327	ug/L	0.013	4	11	539	4	KED
	Cd	111	0.007	ug/L	0.011	165	5	6	56	KED
	Cd	114	-0.002	ug/L	0.003	143	7	4	62	KED
>	In	115		ug/L			1332008	1281037	1	Standard
	Ag	107	-0.000	ug/L	0.000	1924	57	55	12	Standard
	Sb	121	-0.003	ug/L	0.001	39	373	308	7	Standard
	Sb	123	-0.003	ug/L	0.001	30	306	248	4	Standard
	Ba	135	280.812	ug/L	6.949	2	46	1888357	0	Standard
	Ba	137	297.820	ug/L	8.244	2	107	3537932	1	Standard
>	Tb	159		ug/L			2820494	2860243	1	Standard
	Tl	205	-0.001	ug/L	0.000	15	156	60	26	Standard
	Pb	208	0.036	ug/L	0.002	5	652	5004	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:29:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1089972	2	Standard
	Be	9	0.003	ug/L	0.001	19	4	22	13	Standard
	C	13		ug/L			25578	52623	2	Standard
	Cl	37		ug/L			7247639	7503402	0	Standard
>	Sc	45		ug/L			1357002	1531951	1	Standard
	V	51	0.146	ug/L	0.009	6	7213	13032	3	Standard
	V-1	51	0.214	ug/L	0.000	0	545	7845	1	Standard
	Cr	52	0.110	ug/L	0.026	24	21323	27227	3	Standard
	Cr	53	0.329	ug/L	0.004	1	277	1417	1	Standard
	Fe	54	3370.953	ug/L	42.553	1	100521	11098634	0	Standard
	Fe	57	3488.897	ug/L	47.544	1	21143	4292328	0	Standard
	Mn	55	353.832	ug/L	4.624	1	822	15372851	1	Standard
>	Ge	72		ug/L			95506	88746	2	KED
	Co	59	0.921	ug/L	0.028	3	4	4869	1	KED
	Ni	60	0.316	ug/L	0.010	3	22	503	5	KED
	Ni	62	0.288	ug/L	0.067	23	6	78	23	KED
	Cu	63	0.673	ug/L	0.012	1	140	3141	1	KED
	Cu	65	0.724	ug/L	0.061	8	62	1666	6	KED
	Zn	66	5.656	ug/L	0.146	2	170	3727	1	KED
	Zn	67	16.166	ug/L	1.537	9	29	1716	7	KED
	As	75	3.145	ug/L	0.350	11	3	1003	8	KED
	Se	78	2.022	ug/L	3.367	166	13	82	140	KED
	Y	89		ug/L			708606	699134	0	Standard
	Kr	83		ug/L			306	321	4	Standard
>	In-1	115		ug/L			27202	25032	2	KED
	Mo	98	3.613	ug/L	0.136	3	11	5969	3	KED
	Cd	111	0.005	ug/L	0.003	54	5	6	14	KED
	Cd	114	0.005	ug/L	0.006	126	7	11	51	KED
>	In	115		ug/L			1332008	1300637	1	Standard
	Ag	107	0.001	ug/L	0.001	64	57	76	17	Standard
	Sb	121	0.022	ug/L	0.002	10	373	784	4	Standard
	Sb	123	0.024	ug/L	0.001	5	306	651	2	Standard
	Ba	135	161.063	ug/L	2.926	1	46	1099788	0	Standard
	Ba	137	159.083	ug/L	3.200	2	107	1918963	0	Standard
>	Tb	159		ug/L			2820494	2899174	0	Standard
	Tl	205	-0.001	ug/L	0.000	20	156	107	10	Standard
	Pb	208	0.088	ug/L	0.002	1	652	11370	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:34:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1088954	3	Standard
[	Be	9	0.002	ug/L	0.001	43	4	19	36	Standard
	C	13		ug/L			25578	51357	1	Standard
	Cl	37		ug/L			7247639	7503853	1	Standard
[>	Sc	45		ug/L			1357002	1562542	1	Standard
[	V	51	0.145	ug/L	0.003	2	7213	13247	0	Standard
[	V-1	51	0.213	ug/L	0.003	1	545	7949	0	Standard
[	Cr	52	0.033	ug/L	0.007	22	21323	25507	0	Standard
[	Cr	53	0.254	ug/L	0.010	3	277	1188	1	Standard
[	Fe	54	3425.197	ug/L	66.335	1	100521	11500598	1	Standard
[	Fe	57	3619.937	ug/L	69.554	1	21143	4541400	1	Standard
[	Mn	55	360.314	ug/L	2.366	0	822	15966617	0	Standard
[>	Ge	72		ug/L			95506	86902	3	KED
[	Co	59	0.952	ug/L	0.007	0	4	4932	2	KED
[	Ni	60	0.346	ug/L	0.007	2	22	537	3	KED
[	Ni	62	0.379	ug/L	0.037	9	6	99	8	KED
[	Cu	63	0.754	ug/L	0.038	4	140	3428	1	KED
[	Cu	65	0.760	ug/L	0.007	0	62	1712	3	KED
[	Zn	66	9.094	ug/L	0.304	3	170	5771	1	KED
[	Zn	67	19.586	ug/L	0.496	2	29	2031	1	KED
[	As	75	3.078	ug/L	0.131	4	3	962	0	KED
[	Se	78	0.025	ug/L	0.126	505	13	13	33	KED
	Y	89		ug/L			708606	708452	1	Standard
	Kr	83		ug/L			306	338	5	Standard
[>	In-1	115		ug/L			27202	23412	8	KED
[	Mo	98	3.866	ug/L	0.084	2	11	5969	6	KED
[	Cd	111	0.009	ug/L	0.011	127	5	7	45	KED
[	Cd	114	0.002	ug/L	0.005	238	7	8	48	KED
[>	In	115		ug/L			1332008	1323350	2	Standard
[	Ag	107	0.001	ug/L	0.000	23	57	76	7	Standard
[	Sb	121	0.029	ug/L	0.002	7	373	948	3	Standard
[	Sb	123	0.031	ug/L	0.001	2	306	774	3	Standard
[	Ba	135	163.568	ug/L	1.423	0	46	1136453	1	Standard
[	Ba	137	171.902	ug/L	9.005	5	107	2111722	7	Standard
[>	Tb	159		ug/L			2820494	2959578	0	Standard
[	Tl	205	-0.001	ug/L	0.000	3	156	111	2	Standard
[	Pb	208	0.100	ug/L	0.003	2	652	13139	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:39:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1080080	2	Standard
	Be	9	25.765	ug/L	0.705	2	4	167221	0	Standard
	C	13		ug/L			25578	50978	1	Standard
	Cl	37		ug/L			7247639	7549502	1	Standard
>	Sc	45		ug/L			1357002	1552899	1	Standard
	V	51	23.600	ug/L	0.227	0	7213	806993	0	Standard
	V-1	51	23.666	ug/L	0.239	1	545	810600	1	Standard
	Cr	52	23.238	ug/L	0.249	1	21323	699104	1	Standard
	Cr	53	23.461	ug/L	0.179	0	277	80152	0	Standard
	Fe	54	3488.244	ug/L	25.008	0	100521	11638387	0	Standard
	Fe	57	3619.412	ug/L	12.486	0	21143	4513187	1	Standard
	Mn	55	392.072	ug/L	2.260	0	822	17266667	0	Standard
>	Ge	72		ug/L			95506	90935	0	KED
	Co	59	26.837	ug/L	0.488	1	4	145357	1	KED
	Ni	60	25.378	ug/L	0.489	1	22	39793	2	KED
	Ni	62	25.462	ug/L	0.342	1	6	6532	1	KED
	Cu	63	25.284	ug/L	0.308	1	140	116089	0	KED
	Cu	65	25.764	ug/L	0.246	0	62	58775	0	KED
	Zn	66	85.005	ug/L	0.738	0	170	55142	0	KED
	Zn	67	90.638	ug/L	0.653	0	29	9744	0	KED
	As	75	29.015	ug/L	0.175	0	3	9480	0	KED
	Se	78	81.890	ug/L	0.531	0	13	2986	0	KED
	Y	89		ug/L			708606	716510	1	Standard
	Kr	83		ug/L			306	332	9	Standard
>	In-1	115		ug/L			27202	25701	0	KED
	Mo	98	27.653	ug/L	0.216	0	11	46859	0	KED
	Cd	111	25.346	ug/L	0.316	1	5	9739	0	KED
	Cd	114	25.213	ug/L	0.073	0	7	25088	1	KED
>	In	115		ug/L			1332008	1328898	1	Standard
	Ag	107	24.212	ug/L	0.163	0	57	385884	1	Standard
	Sb	121	23.677	ug/L	0.291	1	373	468187	0	Standard
	Sb	123	23.667	ug/L	0.255	1	306	357829	2	Standard
	Ba	135	191.427	ug/L	1.866	0	46	1335628	0	Standard
	Ba	137	205.004	ug/L	0.999	0	107	2526978	1	Standard
>	Tb	159		ug/L			2820494	2931416	0	Standard
	Tl	205	25.381	ug/L	0.356	1	156	2394391	1	Standard
	Pb	208	22.563	ug/L	0.091	0	652	2785746	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:45:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1083696	2	Standard
[	Be	9	24.741	ug/L	0.759	3	4	161103	1	Standard
	C	13		ug/L			25578	50923	2	Standard
	Cl	37		ug/L			7247639	7519123	0	Standard
[>	Sc	45		ug/L			1357002	1547543	1	Standard
[	V	51	22.581	ug/L	0.152	0	7213	769854	1	Standard
[	V-1	51	22.548	ug/L	0.204	0	545	769664	0	Standard
[	Cr	52	22.614	ug/L	0.182	0	21323	678662	1	Standard
[	Cr	53	22.506	ug/L	0.333	1	277	76628	0	Standard
[	Fe	54	3473.512	ug/L	99.273	2	100521	11546706	1	Standard
[	Fe	57	3658.634	ug/L	73.024	1	21143	4545136	0	Standard
[	Mn	55	390.401	ug/L	9.062	2	822	17130431	0	Standard
[>	Ge	72		ug/L			95506	91042	0	KED
[	Co	59	26.342	ug/L	0.526	1	4	142836	1	KED
[	Ni	60	24.837	ug/L	0.227	0	22	38990	1	KED
[	Ni	62	24.451	ug/L	0.739	3	6	6280	3	KED
[	Cu	63	24.527	ug/L	0.277	1	140	112758	1	KED
[	Cu	65	24.737	ug/L	0.392	1	62	56502	1	KED
[	Zn	66	82.993	ug/L	1.103	1	170	53905	1	KED
[	Zn	67	88.710	ug/L	1.510	1	29	9549	2	KED
[	As	75	28.280	ug/L	0.101	0	3	9251	1	KED
[	Se	78	80.839	ug/L	1.310	1	13	2952	2	KED
	Y	89		ug/L			708606	707463	1	Standard
	Kr	83		ug/L			306	293	14	Standard
[>	In-1	115		ug/L			27202	25655	2	KED
[	Mo	98	28.483	ug/L	0.580	2	11	48165	0	KED
[	Cd	111	24.927	ug/L	0.737	2	5	9557	1	KED
[	Cd	114	24.560	ug/L	0.790	3	7	24381	0	KED
[>	In	115		ug/L			1332008	1296835	2	Standard
[	Ag	107	23.802	ug/L	0.144	0	57	370237	2	Standard
[	Sb	121	24.536	ug/L	0.606	2	373	473330	1	Standard
[	Sb	123	24.752	ug/L	0.299	1	306	365118	1	Standard
[	Ba	135	193.306	ug/L	2.541	1	46	1316063	0	Standard
[	Ba	137	208.396	ug/L	2.344	1	107	2506508	1	Standard
[>	Tb	159		ug/L			2820494	2918306	1	Standard
[	Tl	205	25.005	ug/L	0.241	0	156	2348262	0	Standard
[	Pb	208	22.058	ug/L	0.315	1	652	2711010	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:53:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1127372	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	183	4	6	62	Standard
	C	**13**		ug/L			25578	24220	0	Standard
	Cl	**37**		ug/L			7247639	7679836	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1403572	1	Standard
⌈	**V**	**51**	**-0.005**	ug/L	0.005	98	7213	7292	1	Standard
⌊	**V-1**	**51**	**0.007**	ug/L	0.000	1	545	780	1	Standard
⌈	**Cr**	**52**	**-0.034**	ug/L	0.012	35	21323	21152	0	Standard
⌊	**Cr**	**53**	**0.007**	ug/L	0.007	103	277	307	7	Standard
⌈	**Fe**	**54**	**-1.822**	ug/L	0.632	34	100521	98519	1	Standard
⌊	**Fe**	**57**	**-5.588**	ug/L	0.326	5	21143	15601	0	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.002	280	822	872	5	Standard
⌈>	**Ge**	**72**		ug/L			95506	94156	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	289	4	5	66	KED
⌊	**Ni**	**60**	**0.002**	ug/L	0.003	133	22	25	18	KED
⌈	**Ni**	**62**	**-0.007**	ug/L	0.009	131	6	5	43	KED
⌊	**Cu**	**63**	**-0.012**	ug/L	0.002	16	140	79	13	KED
⌈	**Cu**	**65**	**-0.007**	ug/L	0.004	51	62	45	19	KED
⌊	**Zn**	**66**	**-0.082**	ug/L	0.014	17	170	113	8	KED
⌈	**Zn**	**67**	**-0.145**	ug/L	0.028	19	29	12	22	KED
⌊	**As**	**75**	**-0.002**	ug/L	0.001	43	3	2	10	KED
⌊	**Se**	**78**	**0.037**	ug/L	0.126	338	13	14	33	KED
	Y	**89**		ug/L			708606	731808	2	Standard
	Kr	**83**		ug/L			306	297	3	Standard
⌈>	**In-1**	**115**		ug/L			27202	27084	1	KED
⌈	**Mo**	**98**	**0.000**	ug/L	0.003	591	11	12	39	KED
⌊	**Cd**	**111**	**-0.006**	ug/L	0.005	78	5	2	78	KED
⌊	**Cd**	**114**	**-0.005**	ug/L	0.000	2	7	1	6	KED
⌈>	**In**	**115**		ug/L			1332008	1355206	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	66	57	73	12	Standard
⌊	**Sb**	**121**	**-0.013**	ug/L	0.002	13	373	120	28	Standard
⌈	**Sb**	**123**	**-0.015**	ug/L	0.001	5	306	88	13	Standard
⌊	**Ba**	**135**	**-0.000**	ug/L	0.001	154	46	44	12	Standard
⌊	**Ba**	**137**	**-0.004**	ug/L	0.000	10	107	61	7	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2940371	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	22	156	99	15	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.001	237	652	706	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:58:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1092049	1106683	3	Standard
	Be	**9**	**50.596**	ug/L	1.450	2	4	336365	1	Standard
	C	**13**		ug/L			25578	24610	2	Standard
	Cl	**37**		ug/L			7247639	7751133	0	Standard
>	**Sc**	**45**		ug/L			1357002	1404225	1	Standard
	V	**51**	**50.217**	ug/L	1.317	2	7213	1544171	2	Standard
	V-1	**51**	**50.328**	ug/L	1.155	2	545	1558023	1	Standard
	Cr	**52**	**50.959**	ug/L	1.324	2	21323	1359757	1	Standard
	Cr	**53**	**51.289**	ug/L	0.987	1	277	158082	0	Standard
	Fe	**54**	**5298.929**	ug/L	89.506	1	100521	15930899	0	Standard
	Fe	**57**	**5351.813**	ug/L	93.586	1	21143	6022945	0	Standard
	Mn	**55**	**52.458**	ug/L	2.435	4	822	2089232	3	Standard
>	**Ge**	**72**		ug/L			95506	95986	0	KED
	Co	**59**	**48.519**	ug/L	1.083	2	4	277374	1	KED
	Ni	**60**	**49.518**	ug/L	0.879	1	22	81930	1	KED
	Ni	**62**	**48.953**	ug/L	0.709	1	6	13249	0	KED
	Cu	**63**	**48.614**	ug/L	0.541	1	140	235473	0	KED
	Cu	**65**	**49.349**	ug/L	0.694	1	62	118775	0	KED
	Zn	**66**	**50.831**	ug/L	0.603	1	170	34872	0	KED
	Zn	**67**	**50.293**	ug/L	0.242	0	29	5720	1	KED
	As	**75**	**49.261**	ug/L	0.947	1	3	16986	1	KED
	Se	**78**	**50.268**	ug/L	1.011	2	13	1940	1	KED
	Y	**89**		ug/L			708606	722164	3	Standard
	Kr	**83**		ug/L			306	313	9	Standard
>	**In-1**	**115**		ug/L			27202	27422	1	KED
	Mo	**98**	**48.191**	ug/L	0.611	1	11	87118	0	KED
	Cd	**111**	**48.076**	ug/L	0.512	1	5	19707	1	KED
	Cd	**114**	**48.162**	ug/L	0.778	1	7	51121	0	KED
>	**In**	**115**		ug/L			1332008	1355799	2	Standard
	Ag	**107**	**51.018**	ug/L	0.278	0	57	829625	3	Standard
	Sb	**121**	**49.688**	ug/L	2.439	4	373	1001122	2	Standard
	Sb	**123**	**50.619**	ug/L	1.467	2	306	780017	0	Standard
	Ba	**135**	**51.206**	ug/L	2.123	4	46	364289	1	Standard
	Ba	**137**	**50.768**	ug/L	1.795	3	107	638128	0	Standard
>	**Tb**	**159**		ug/L			2820494	2935803	2	Standard
	Tl	**205**	**50.896**	ug/L	0.815	1	156	4807464	0	Standard
	Pb	**208**	**48.602**	ug/L	1.358	2	652	6006289	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:06:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1124798	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	2316	4	4	65	Standard
	C	**13**		ug/L			25578	25956	1	Standard
	Cl	**37**		ug/L			7247639	7558065	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1396608	3	Standard
⌈	**V**	**51**	**-0.014**	ug/L	0.007	46	7213	6988	1	Standard
⌊	**V-1**	**51**	**0.002**	ug/L	0.001	51	545	631	3	Standard
⌈	**Cr**	**52**	**-0.054**	ug/L	0.013	23	21323	20531	2	Standard
⌊	**Cr**	**53**	**0.000**	ug/L	0.007	1552	277	286	10	Standard
⌈	**Fe**	**54**	**-1.066**	ug/L	1.241	116	100521	100204	0	Standard
⌊	**Fe**	**57**	**-3.149**	ug/L	0.363	11	21143	18242	2	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.002	59	822	968	4	Standard
⌈>	**Ge**	**72**		ug/L			95506	94813	1	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	112	4	6	41	KED
⌊	**Ni**	**60**	**0.010**	ug/L	0.003	26	22	38	11	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.012	480	6	7	43	KED
⌈	**Cu**	**63**	**0.005**	ug/L	0.006	127	140	161	16	KED
⌊	**Cu**	**65**	**0.010**	ug/L	0.005	51	62	85	14	KED
⌈	**Zn**	**66**	**0.106**	ug/L	0.043	40	170	240	12	KED
⌊	**Zn**	**67**	**0.121**	ug/L	0.071	58	29	42	18	KED
⌈	**As**	**75**	**0.003**	ug/L	0.005	152	3	4	40	KED
⌊	**Se**	**78**	**0.034**	ug/L	0.111	326	13	14	28	KED
	Y	**89**		ug/L			708606	710345	1	Standard
	Kr	**83**		ug/L			306	290	9	Standard
⌈>	**In-1**	**115**		ug/L			27202	27167	1	KED
⌈	**Mo**	**98**	**0.003**	ug/L	0.002	89	11	16	26	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.006	148	5	3	68	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	87	7	4	44	KED
⌈>	**In**	**115**		ug/L			1332008	1381768	3	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	131	57	66	14	Standard
⌈	**Sb**	**121**	**0.039**	ug/L	0.004	9	373	1185	3	Standard
⌊	**Sb**	**123**	**0.039**	ug/L	0.003	8	306	937	6	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	16	46	74	2	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	85	107	130	13	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2937183	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	5	156	325	3	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.001	18	652	1103	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:10:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1121644	12	Standard
	Be	9	0.000	ug/L	0.001	140	4	6	41	Standard
	C	13		ug/L			25578	48931	1	Standard
	Cl	37		ug/L			7247639	6773757	2	Standard
>	Sc	45		ug/L			1357002	1594526	6	Standard
	V	51	0.133	ug/L	0.012	8	7213	13069	3	Standard
	V-1	51	0.252	ug/L	0.008	3	545	9475	4	Standard
	Cr	52	-0.016	ug/L	0.042	258	21323	24512	2	Standard
	Cr	53	0.372	ug/L	0.028	7	277	1620	1	Standard
	Fe	54	38.606	ug/L	5.661	14	100521	248184	0	Standard
	Fe	57	44.325	ug/L	2.590	5	21143	81138	3	Standard
	Mn	55	32.953	ug/L	1.114	3	822	1488950	4	Standard
>	Ge	72		ug/L			95506	92765	0	KED
	Co	59	0.031	ug/L	0.001	1	4	174	2	KED
	Ni	60	1.960	ug/L	0.050	2	22	3154	1	KED
	Ni	62	1.902	ug/L	0.060	3	6	504	2	KED
	Cu	63	0.071	ug/L	0.002	2	140	469	2	KED
	Cu	65	0.074	ug/L	0.007	8	62	232	5	KED
	Zn	66	0.905	ug/L	0.060	6	170	762	5	KED
	Zn	67	2.086	ug/L	0.352	16	29	256	15	KED
	As	75	0.172	ug/L	0.014	7	3	60	7	KED
	Se	78	-0.017	ug/L	0.048	285	13	12	13	KED
	Y	89		ug/L			708606	684528	8	Standard
	Kr	83		ug/L			306	307	9	Standard
>	In-1	115		ug/L			27202	26194	0	KED
	Mo	98	1.223	ug/L	0.030	2	11	2123	2	KED
	Cd	111	-0.004	ug/L	0.004	106	5	3	41	KED
	Cd	114	-0.005	ug/L	0.003	61	7	2	138	KED
>	In	115		ug/L			1332008	1305724	11	Standard
	Ag	107	0.000	ug/L	0.001	612	57	58	22	Standard
	Sb	121	0.241	ug/L	0.020	8	373	5015	4	Standard
	Sb	123	0.242	ug/L	0.021	8	306	3873	4	Standard
	Ba	135	19.748	ug/L	1.769	8	46	134515	3	Standard
	Ba	137	19.314	ug/L	1.921	9	107	232242	2	Standard
>	Tb	159		ug/L			2820494	2781105	8	Standard
	Tl	205	0.000	ug/L	0.000	440	156	158	6	Standard
	Pb	208	0.085	ug/L	0.007	8	652	10524	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:15:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1143053	1	Standard
	Be	9	0.008	ug/L	0.002	25	4	57	21	Standard
	C	13		ug/L			25578	51844	1	Standard
	Cl	37		ug/L			7247639	7091684	0	Standard
>	Sc	45		ug/L			1357002	1679613	0	Standard
	V	51	-0.002	ug/L	0.005	266	7213	8861	2	Standard
	V-1	51	0.218	ug/L	0.005	2	545	8731	2	Standard
	Cr	52	0.642	ug/L	0.023	3	21323	46552	1	Standard
	Cr	53	1.325	ug/L	0.008	0	277	5219	0	Standard
	Fe	54	808.427	ug/L	14.987	1	100521	3013155	1	Standard
	Fe	57	776.356	ug/L	12.841	1	21143	1067607	1	Standard
	Mn	55	118.710	ug/L	2.976	2	822	5655684	2	Standard
>	Ge	72		ug/L			95506	92170	1	KED
	Co	59	2.418	ug/L	0.066	2	4	13274	1	KED
	Ni	60	22.216	ug/L	0.599	2	22	35299	1	KED
	Ni	62	22.410	ug/L	0.376	1	6	5827	0	KED
	Cu	63	0.122	ug/L	0.007	6	140	704	3	KED
	Cu	65	0.128	ug/L	0.014	10	62	355	7	KED
	Zn	66	2.562	ug/L	0.172	6	170	1842	4	KED
	Zn	67	3.208	ug/L	0.458	14	29	376	12	KED
	As	75	16.347	ug/L	0.212	1	3	5414	1	KED
	Se	78	-0.007	ug/L	0.163	2223	13	12	45	KED
	Y	89		ug/L			708606	721686	0	Standard
	Kr	83		ug/L			306	302	3	Standard
>	In-1	115		ug/L			27202	26003	1	KED
	Mo	98	1.573	ug/L	0.010	0	11	2706	1	KED
	Cd	111	0.001	ug/L	0.004	273	5	5	26	KED
	Cd	114	-0.003	ug/L	0.002	84	7	4	51	KED
>	In	115		ug/L			1332008	1347037	1	Standard
	Ag	107	-0.000	ug/L	0.000	641	57	57	12	Standard
	Sb	121	0.069	ug/L	0.002	2	373	1762	0	Standard
	Sb	123	0.069	ug/L	0.003	3	306	1373	1	Standard
	Ba	135	13.295	ug/L	0.035	0	46	94078	1	Standard
	Ba	137	12.870	ug/L	0.272	2	107	160879	1	Standard
>	Tb	159		ug/L			2820494	2975372	0	Standard
	Tl	205	-0.001	ug/L	0.000	39	156	114	18	Standard
	Pb	208	0.007	ug/L	0.001	7	652	1576	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:20:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1163364	2	Standard
	Be	9	0.006	ug/L	0.001	10	4	48	9	Standard
	C	13		ug/L			25578	51299	0	Standard
	Cl	37		ug/L			7247639	6867772	0	Standard
>	Sc	45		ug/L			1357002	1719224	0	Standard
	V	51	-0.023	ug/L	0.009	40	7213	8280	4	Standard
	V-1	51	0.201	ug/L	0.002	0	545	8297	1	Standard
	Cr	52	0.706	ug/L	0.030	4	21323	49710	1	Standard
	Cr	53	1.399	ug/L	0.008	0	277	5622	0	Standard
	Fe	54	38.161	ug/L	1.035	2	100521	266925	1	Standard
	Fe	57	60.366	ug/L	1.545	2	21143	109676	2	Standard
	Mn	55	184.883	ug/L	3.157	1	822	9014764	1	Standard
>	Ge	72		ug/L			95506	92402	1	KED
	Co	59	0.024	ug/L	0.003	12	4	137	10	KED
	Ni	60	1.069	ug/L	0.017	1	22	1723	0	KED
	Ni	62	1.082	ug/L	0.116	10	6	288	9	KED
	Cu	63	0.129	ug/L	0.011	8	140	738	5	KED
	Cu	65	0.142	ug/L	0.010	6	62	388	6	KED
	Zn	66	0.171	ug/L	0.011	6	170	276	2	KED
	Zn	67	3.183	ug/L	0.293	9	29	375	9	KED
	As	75	0.070	ug/L	0.005	7	3	26	5	KED
	Se	78	-0.038	ug/L	0.038	100	13	11	11	KED
	Y	89		ug/L			708606	727781	0	Standard
	Kr	83		ug/L			306	310	7	Standard
>	In-1	115		ug/L			27202	25953	2	KED
	Mo	98	0.286	ug/L	0.031	10	11	500	12	KED
	Cd	111	-0.006	ug/L	0.006	93	5	2	86	KED
	Cd	114	-0.005	ug/L	0.003	60	7	1	206	KED
>	In	115		ug/L			1332008	1352828	0	Standard
	Ag	107	-0.000	ug/L	0.000	94	57	52	11	Standard
	Sb	121	0.000	ug/L	0.002	717	373	384	9	Standard
	Sb	123	0.000	ug/L	0.001	1041	306	312	3	Standard
	Ba	135	45.948	ug/L	0.902	1	46	326440	2	Standard
	Ba	137	44.307	ug/L	0.581	1	107	556082	1	Standard
>	Tb	159		ug/L			2820494	2971255	0	Standard
	Tl	205	-0.001	ug/L	0.000	25	156	80	27	Standard
	Pb	208	0.003	ug/L	0.000	7	652	1055	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:25:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1157959	1	Standard
[	Be	9	0.005	ug/L	0.001	29	4	38	27	Standard
	C	13		ug/L			25578	53761	0	Standard
	Cl	37		ug/L			7247639	6828512	1	Standard
[>	Sc	45		ug/L			1357002	1651494	0	Standard
[	V	51	-0.026	ug/L	0.011	41	7213	7832	5	Standard
[	V-1	51	0.197	ug/L	0.005	2	545	7819	1	Standard
[	Cr	52	0.684	ug/L	0.023	3	21323	47077	2	Standard
[	Cr	53	1.376	ug/L	0.040	2	277	5315	1	Standard
[	Fe	54	264.546	ug/L	2.321	0	100521	1051742	0	Standard
[	Fe	57	279.590	ug/L	6.095	2	21143	394481	1	Standard
[	Mn	55	42.249	ug/L	0.420	0	822	1979608	0	Standard
[>	Ge	72		ug/L			95506	95090	0	KED
[	Co	59	0.014	ug/L	0.005	33	4	86	31	KED
[	Ni	60	0.886	ug/L	0.033	3	22	1474	4	KED
[	Ni	62	0.870	ug/L	0.174	19	6	240	19	KED
[	Cu	63	0.267	ug/L	0.011	4	140	1420	4	KED
[	Cu	65	0.289	ug/L	0.012	4	62	749	4	KED
[	Zn	66	0.799	ug/L	0.056	7	170	709	5	KED
[	Zn	67	1.961	ug/L	0.098	5	29	248	4	KED
[	As	75	0.023	ug/L	0.004	18	3	11	13	KED
[	Se	78	0.005	ug/L	0.037	672	13	13	10	KED
	Y	89		ug/L			708606	736659	2	Standard
	Kr	83		ug/L			306	323	6	Standard
[>	In-1	115		ug/L			27202	26299	0	KED
[	Mo	98	0.201	ug/L	0.026	12	11	359	12	KED
[	Cd	111	-0.006	ug/L	0.003	46	5	2	43	KED
[	Cd	114	-0.004	ug/L	0.003	67	7	2	121	KED
[>	In	115		ug/L			1332008	1359326	2	Standard
[	Ag	107	-0.000	ug/L	0.000	163	57	55	9	Standard
[	Sb	121	0.019	ug/L	0.003	14	373	764	5	Standard
[	Sb	123	0.021	ug/L	0.002	11	306	631	5	Standard
[	Ba	135	17.856	ug/L	0.373	2	46	127459	0	Standard
[	Ba	137	17.314	ug/L	0.536	3	107	218329	1	Standard
[>	Tb	159		ug/L			2820494	2978260	1	Standard
[	Tl	205	-0.001	ug/L	0.000	25	156	101	16	Standard
[	Pb	208	0.142	ug/L	0.004	2	652	18507	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:30:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1184132	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	82	4	9	40	Standard
	C	**13**		ug/L			25578	48592	2	Standard
	Cl	**37**		ug/L			7247639	6604945	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1605946	0	Standard
⌈	**V**	**51**	**0.139**	ug/L	0.011	7	7213	13413	2	Standard
⌊	**V-1**	**51**	**0.266**	ug/L	0.003	1	545	10078	0	Standard
⌈	**Cr**	**52**	**-0.006**	ug/L	0.025	423	21323	25055	2	Standard
⌊	**Cr**	**53**	**0.408**	ug/L	0.024	5	277	1764	4	Standard
⌈	**Fe**	**54**	**52.446**	ug/L	1.333	2	100521	298127	1	Standard
⌊	**Fe**	**57**	**62.793**	ug/L	1.675	2	21143	105559	2	Standard
	Mn	**55**	**33.794**	ug/L	0.098	0	822	1540111	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	94274	0	KED
⌈	**Co**	**59**	**0.032**	ug/L	0.001	2	4	186	2	KED
⌊	**Ni**	**60**	**2.063**	ug/L	0.058	2	22	3373	2	KED
⌈	**Ni**	**62**	**1.979**	ug/L	0.021	1	6	532	0	KED
⌈	**Cu**	**63**	**0.198**	ug/L	0.004	2	140	1081	1	KED
⌊	**Cu**	**65**	**0.206**	ug/L	0.006	2	62	549	1	KED
⌈	**Zn**	**66**	**1.010**	ug/L	0.058	5	170	845	4	KED
⌊	**Zn**	**67**	**2.288**	ug/L	0.297	12	29	283	11	KED
⌈	**As**	**75**	**0.184**	ug/L	0.022	11	3	65	11	KED
⌊	**Se**	**78**	**0.057**	ug/L	0.131	230	13	15	32	KED
	Y	**89**		ug/L			708606	732909	2	Standard
	Kr	**83**		ug/L			306	299	2	Standard
⌈>	**In-1**	**115**		ug/L			27202	25992	1	KED
⌈	**Mo**	**98**	**1.207**	ug/L	0.015	1	11	2079	0	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.008	223	5	3	83	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	73	7	3	54	KED
⌈>	**In**	**115**		ug/L			1332008	1334643	2	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	44	57	54	5	Standard
⌈	**Sb**	**121**	**0.171**	ug/L	0.005	2	373	3766	1	Standard
⌊	**Sb**	**123**	**0.173**	ug/L	0.003	1	306	2934	1	Standard
⌈	**Ba**	**135**	**19.648**	ug/L	0.743	3	46	137646	1	Standard
⌊	**Ba**	**137**	**19.238**	ug/L	0.471	2	107	238163	0	Standard
⌈>	**Tb**	**159**		ug/L			2820494	3002056	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	21	156	102	13	Standard
⌊	**Pb**	**208**	**0.125**	ug/L	0.003	2	652	16508	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:34:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1176535	2	Standard
	Be	9	0.010	ug/L	0.002	22	4	76	23	Standard
	C	13		ug/L			25578	50541	1	Standard
	Cl	37		ug/L			7247639	6920897	0	Standard
>	Sc	45		ug/L			1357002	1686223	1	Standard
	V	51	-0.046	ug/L	0.058	126	7213	7259	28	Standard
	V-1	51	0.252	ug/L	0.010	4	545	10024	2	Standard
	Cr	52	4.598	ug/L	0.181	3	21323	171440	2	Standard
	Cr	53	5.389	ug/L	0.029	0	277	20257	0	Standard
	Fe	54	992.847	ug/L	16.514	1	100521	3686126	0	Standard
	Fe	57	943.454	ug/L	16.054	1	21143	1296715	0	Standard
	Mn	55	120.992	ug/L	2.473	2	822	5786055	0	Standard
>	Ge	72		ug/L			95506	94002	0	KED
	Co	59	2.525	ug/L	0.049	1	4	14142	1	KED
	Ni	60	23.261	ug/L	0.455	1	22	37699	1	KED
	Ni	62	22.592	ug/L	0.313	1	6	5991	0	KED
	Cu	63	0.765	ug/L	0.013	1	140	3762	0	KED
	Cu	65	0.765	ug/L	0.019	2	62	1864	2	KED
	Zn	66	3.185	ug/L	0.115	3	170	2296	2	KED
	Zn	67	3.620	ug/L	0.113	3	29	429	2	KED
	As	75	22.035	ug/L	0.210	0	3	7443	0	KED
	Se	78	-0.044	ug/L	0.126	286	13	11	40	KED
	Y	89		ug/L			708606	724076	1	Standard
	Kr	83		ug/L			306	317	5	Standard
>	In-1	115		ug/L			27202	26119	1	KED
	Mo	98	1.608	ug/L	0.034	2	11	2779	2	KED
	Cd	111	0.005	ug/L	0.003	54	5	6	14	KED
	Cd	114	0.003	ug/L	0.004	160	7	9	42	KED
>	In	115		ug/L			1332008	1358852	1	Standard
	Ag	107	0.000	ug/L	0.001	740	57	60	24	Standard
	Sb	121	0.098	ug/L	0.002	2	373	2362	0	Standard
	Sb	123	0.101	ug/L	0.005	4	306	1876	5	Standard
	Ba	135	13.228	ug/L	0.279	2	46	94414	1	Standard
	Ba	137	13.100	ug/L	0.396	3	107	165188	1	Standard
>	Tb	159		ug/L			2820494	2993372	1	Standard
	Tl	205	-0.001	ug/L	0.000	13	156	92	12	Standard
	Pb	208	0.048	ug/L	0.001	2	652	6775	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:39:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1178790	2	Standard
	Be	9	0.007	ug/L	0.002	25	4	56	20	Standard
	C	13		ug/L			25578	48287	0	Standard
	Cl	37		ug/L			7247639	6824005	0	Standard
>	Sc	45		ug/L			1357002	1680013	2	Standard
	V	51	-0.052	ug/L	0.045	86	7213	7050	25	Standard
	V-1	51	0.234	ug/L	0.004	1	545	9335	1	Standard
	Cr	52	3.169	ug/L	0.056	1	21323	125936	1	Standard
	Cr	53	3.974	ug/L	0.183	4	277	14961	2	Standard
	Fe	54	56.085	ug/L	1.400	2	100521	324855	2	Standard
	Fe	57	81.930	ug/L	2.636	3	21143	136059	1	Standard
	Mn	55	213.960	ug/L	2.981	1	822	10192828	1	Standard
>	Ge	72		ug/L			95506	92782	1	KED
	Co	59	0.069	ug/L	0.007	9	4	384	9	KED
	Ni	60	3.066	ug/L	0.022	0	22	4923	1	KED
	Ni	62	3.207	ug/L	0.145	4	6	845	3	KED
	Cu	63	0.486	ug/L	0.024	4	140	2409	3	KED
	Cu	65	0.500	ug/L	0.023	4	62	1222	4	KED
	Zn	66	0.632	ug/L	0.026	4	170	582	1	KED
	Zn	67	3.249	ug/L	0.358	11	29	383	9	KED
	As	75	0.090	ug/L	0.006	6	3	33	7	KED
	Se	78	0.024	ug/L	0.068	281	13	14	18	KED
	Y	89		ug/L			708606	712444	2	Standard
	Kr	83		ug/L			306	300	8	Standard
>	In-1	115		ug/L			27202	25892	1	KED
	Mo	98	0.308	ug/L	0.009	2	11	536	3	KED
	Cd	111	-0.003	ug/L	0.004	161	5	3	43	KED
	Cd	114	0.001	ug/L	0.005	387	7	8	63	KED
>	In	115		ug/L			1332008	1328767	1	Standard
	Ag	107	-0.000	ug/L	0.000	118	57	53	10	Standard
	Sb	121	0.053	ug/L	0.002	3	373	1421	1	Standard
	Sb	123	0.055	ug/L	0.002	4	306	1132	3	Standard
	Ba	135	44.788	ug/L	0.751	1	46	312484	0	Standard
	Ba	137	44.739	ug/L	0.940	2	107	551430	0	Standard
>	Tb	159		ug/L			2820494	2986479	0	Standard
	Tl	205	-0.001	ug/L	0.000	10	156	67	15	Standard
	Pb	208	0.042	ug/L	0.001	2	652	5987	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:45:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1165824	2	Standard
[	Be	9	0.000	ug/L	0.000	863	4	5	57	Standard
	C	13		ug/L			25578	48088	0	Standard
	Cl	37		ug/L			7247639	6723694	0	Standard
[>	Sc	45		ug/L			1357002	1660894	1	Standard
[	V	51	23.898	ug/L	0.374	1	7213	873854	0	Standard
[	V-1	51	23.949	ug/L	0.365	1	545	877308	0	Standard
[	Cr	52	2.110	ug/L	0.031	1	21323	91631	0	Standard
[	Cr	53	3.055	ug/L	0.024	0	277	11459	1	Standard
[	Fe	54	3.255	ug/L	0.591	18	100521	134550	2	Standard
[	Fe	57	27.465	ug/L	0.897	3	21143	62301	0	Standard
[	Mn	55	0.037	ug/L	0.001	2	822	2768	2	Standard
[>	Ge	72		ug/L			95506	93880	1	KED
[	Co	59	0.008	ug/L	0.002	27	4	48	25	KED
[	Ni	60	0.529	ug/L	0.022	4	22	878	3	KED
[	Ni	62	0.595	ug/L	0.085	14	6	164	14	KED
[	Cu	63	0.651	ug/L	0.007	1	140	3219	0	KED
[	Cu	65	0.640	ug/L	0.012	1	62	1567	2	KED
[	Zn	66	0.886	ug/L	0.088	9	170	758	7	KED
[	Zn	67	1.158	ug/L	0.018	1	29	156	0	KED
[	As	75	1.206	ug/L	0.056	4	3	409	4	KED
[	Se	78	0.929	ug/L	0.073	7	13	48	6	KED
	Y	89		ug/L			708606	729042	0	Standard
	Kr	83		ug/L			306	311	2	Standard
[>	In-1	115		ug/L			27202	26698	0	KED
[	Mo	98	1.245	ug/L	0.047	3	11	2203	4	KED
[	Cd	111	-0.005	ug/L	0.007	161	5	3	91	KED
[	Cd	114	0.004	ug/L	0.002	47	7	11	18	KED
[>	In	115		ug/L			1332008	1390605	1	Standard
[	Ag	107	0.001	ug/L	0.001	93	57	69	11	Standard
[	Sb	121	0.021	ug/L	0.003	11	373	824	5	Standard
[	Sb	123	0.023	ug/L	0.001	5	306	678	3	Standard
[	Ba	135	3.166	ug/L	0.037	1	46	23166	0	Standard
[	Ba	137	3.180	ug/L	0.062	1	107	41122	0	Standard
[>	Tb	159		ug/L			2820494	3027826	1	Standard
[	Tl	205	-0.000	ug/L	0.000	56	156	142	9	Standard
[	Pb	208	0.149	ug/L	0.002	1	652	19641	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:52:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1092049	1128707	1	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	33	4	1	86	Standard
	C	**13**		ug/L			25578	56124	1	Standard
	Cl	**37**		ug/L			7247639	6848142	0	Standard
[>	**Sc**	**45**		ug/L			1357002	1616587	1	Standard
[	**V**	**51**	**28.781**	ug/L	0.296	1	7213	1022609	0	Standard
[	**V-1**	**51**	**28.829**	ug/L	0.280	0	545	1027785	0	Standard
[	**Cr**	**52**	**3.399**	ug/L	0.048	1	21323	128131	0	Standard
[	**Cr**	**53**	**4.461**	ug/L	0.106	2	277	16134	2	Standard
[	**Fe**	**54**	**3.405**	ug/L	0.283	8	100521	131458	1	Standard
[	**Fe**	**57**	**28.073**	ug/L	0.131	0	21143	61432	1	Standard
[	**Mn**	**55**	**0.029**	ug/L	0.001	4	822	2321	2	Standard
[>	**Ge**	**72**		ug/L			95506	94514	1	KED
[	**Co**	**59**	**0.007**	ug/L	0.001	14	4	41	12	KED
[	**Ni**	**60**	**2.285**	ug/L	0.010	0	22	3744	1	KED
[	**Ni**	**62**	**2.100**	ug/L	0.077	3	6	566	3	KED
[	**Cu**	**63**	**0.518**	ug/L	0.010	2	140	2606	1	KED
[	**Cu**	**65**	**0.511**	ug/L	0.006	1	62	1272	2	KED
[	**Zn**	**66**	**0.885**	ug/L	0.056	6	170	763	3	KED
[	**Zn**	**67**	**1.461**	ug/L	0.185	12	29	191	11	KED
[	**As**	**75**	**1.549**	ug/L	0.057	3	3	528	2	KED
[	**Se**	**78**	**0.659**	ug/L	0.099	15	13	38	10	KED
	Y	**89**		ug/L			708606	720780	2	Standard
	Kr	**83**		ug/L			306	299	3	Standard
[>	**In-1**	**115**		ug/L			27202	26740	0	KED
[	**Mo**	**98**	**1.250**	ug/L	0.024	1	11	2215	1	KED
[	**Cd**	**111**	**0.002**	ug/L	0.007	395	5	5	50	KED
[	**Cd**	**114**	**-0.002**	ug/L	0.002	122	7	5	36	KED
[>	**In**	**115**		ug/L			1332008	1365545	1	Standard
[	**Ag**	**107**	**-0.000**	ug/L	0.001	183	57	53	21	Standard
[	**Sb**	**121**	**0.026**	ug/L	0.002	7	373	917	4	Standard
[	**Sb**	**123**	**0.029**	ug/L	0.001	5	306	757	4	Standard
[	**Ba**	**135**	**3.216**	ug/L	0.091	2	46	23099	1	Standard
[	**Ba**	**137**	**3.126**	ug/L	0.052	1	107	39702	0	Standard
[>	**Tb**	**159**		ug/L			2820494	2972792	1	Standard
[	**Tl**	**205**	**-0.001**	ug/L	0.000	25	156	93	18	Standard
[	**Pb**	**208**	**0.158**	ug/L	0.002	1	652	20483	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:00:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1150345	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	2	4	3	0	Standard
	C	**13**		ug/L			25578	24745	1	Standard
	Cl	**37**		ug/L			7247639	7253259	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1441581	0	Standard
⌈	**V**	**51**	**-0.000**	ug/L	0.002	772	7213	7654	1	Standard
⌊	**V-1**	**51**	**0.006**	ug/L	0.001	13	545	777	2	Standard
⌈	**Cr**	**52**	**-0.005**	ug/L	0.012	223	21323	22510	2	Standard
⌊	**Cr**	**53**	**0.016**	ug/L	0.007	43	277	344	6	Standard
⌈	**Fe**	**54**	**-2.131**	ug/L	0.068	3	100521	100249	0	Standard
⌊	**Fe**	**57**	**-1.133**	ug/L	0.092	8	21143	21156	0	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	83	822	818	5	Standard
⌈>	**Ge**	**72**		ug/L			95506	96385	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	78163	4	4	65	KED
⌊	**Ni**	**60**	**-0.003**	ug/L	0.001	35	22	17	11	KED
⌈	**Ni**	**62**	**-0.019**	ug/L	0.007	36	6	1	100	KED
⌈	**Cu**	**63**	**-0.014**	ug/L	0.004	27	140	74	23	KED
⌊	**Cu**	**65**	**-0.007**	ug/L	0.004	64	62	46	20	KED
⌈	**Zn**	**66**	**-0.104**	ug/L	0.020	18	170	100	10	KED
⌊	**Zn**	**67**	**-0.120**	ug/L	0.024	20	29	15	18	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.001	133	3	3	9	KED
⌊	**Se**	**78**	**-0.014**	ug/L	0.044	315	13	13	13	KED
	Y	**89**		ug/L			708606	732411	1	Standard
	Kr	**83**		ug/L			306	285	18	Standard
⌈>	**In-1**	**115**		ug/L			27202	27548	0	KED
⌈	**Mo**	**98**	**-0.005**	ug/L	0.002	42	11	2	200	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.004	212	5	4	32	KED
⌊	**Cd**	**114**	**-0.005**	ug/L	0.002	43	7	2	92	KED
⌈>	**In**	**115**		ug/L			1332008	1398425	2	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	17	57	48	5	Standard
⌈	**Sb**	**121**	**-0.016**	ug/L	0.000	0	373	67	4	Standard
⌊	**Sb**	**123**	**-0.017**	ug/L	0.000	2	306	50	11	Standard
⌈	**Ba**	**135**	**-0.002**	ug/L	0.000	21	46	32	10	Standard
⌊	**Ba**	**137**	**-0.005**	ug/L	0.001	19	107	52	22	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2900952	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	14	156	49	32	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	47	652	624	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:05:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1154930	2	Standard
⌊	**Be**	**9**	**49.887**	ug/L	0.357	0	4	346326	1	Standard
	C	**13**		ug/L			25578	25169	2	Standard
	Cl	**37**		ug/L			7247639	7624126	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1438993	2	Standard
⌈	**V**	**51**	**49.521**	ug/L	0.722	1	7213	1560593	1	Standard
⌊	**V-1**	**51**	**49.575**	ug/L	0.868	1	545	1572732	1	Standard
⌈	**Cr**	**52**	**49.681**	ug/L	1.210	2	21323	1358884	0	Standard
⌊	**Cr**	**53**	**49.848**	ug/L	1.156	2	277	157435	0	Standard
⌈	**Fe**	**54**	**5209.073**	ug/L	151.572	2	100521	16046134	0	Standard
⌊	**Fe**	**57**	**5241.817**	ug/L	212.020	4	21143	6043173	1	Standard
⌊	**Mn**	**55**	**53.241**	ug/L	1.981	3	822	2172562	2	Standard
⌈>	**Ge**	**72**		ug/L			95506	96090	0	KED
⌈	**Co**	**59**	**48.984**	ug/L	0.331	0	4	280357	0	KED
⌊	**Ni**	**60**	**48.997**	ug/L	0.927	1	22	81158	1	KED
⌈	**Ni**	**62**	**49.081**	ug/L	0.325	0	6	13298	0	KED
⌈	**Cu**	**63**	**48.781**	ug/L	0.246	0	140	236549	0	KED
⌊	**Cu**	**65**	**49.436**	ug/L	0.230	0	62	119122	0	KED
⌈	**Zn**	**66**	**50.102**	ug/L	0.082	0	170	34414	0	KED
⌊	**Zn**	**67**	**50.858**	ug/L	1.430	2	29	5790	2	KED
⌈	**As**	**75**	**49.579**	ug/L	0.404	0	3	17115	0	KED
⌊	**Se**	**78**	**49.748**	ug/L	0.541	1	13	1922	1	KED
	Y	**89**		ug/L			708606	733696	1	Standard
	Kr	**83**		ug/L			306	318	7	Standard
⌈>	**In-1**	**115**		ug/L			27202	27400	1	KED
⌈	**Mo**	**98**	**48.212**	ug/L	1.043	2	11	87067	0	KED
⌈	**Cd**	**111**	**48.430**	ug/L	1.561	3	5	19828	1	KED
⌊	**Cd**	**114**	**48.466**	ug/L	0.875	1	7	51397	0	KED
⌈>	**In**	**115**		ug/L			1332008	1350804	0	Standard
⌈	**Ag**	**107**	**50.672**	ug/L	1.100	2	57	820893	2	Standard
⌈	**Sb**	**121**	**49.496**	ug/L	0.863	1	373	994434	0	Standard
⌊	**Sb**	**123**	**50.677**	ug/L	0.620	1	306	778438	1	Standard
⌈	**Ba**	**135**	**51.912**	ug/L	1.000	1	46	368202	1	Standard
⌊	**Ba**	**137**	**51.609**	ug/L	0.909	1	107	646683	0	Standard
⌈>	**Tb**	**159**		ug/L			2820494	3029911	0	Standard
⌈	**Tl**	**205**	**49.899**	ug/L	0.430	0	156	4865407	0	Standard
⌊	**Pb**	**208**	**47.477**	ug/L	0.485	1	652	6058068	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:12:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1111112	3	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	44	4	6	15	Standard
	C	**13**		ug/L			25578	26182	2	Standard
	Cl	**37**		ug/L			7247639	7250516	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1411184	1	Standard
⎢	**V**	**51**	**-0.010**	ug/L	0.010	104	7213	7193	3	Standard
⎢	**V-1**	**51**	**0.001**	ug/L	0.001	66	545	595	1	Standard
⎢	**Cr**	**52**	**-0.037**	ug/L	0.030	81	21323	21202	2	Standard
⎢	**Cr**	**53**	**-0.001**	ug/L	0.006	779	277	285	7	Standard
⎢	**Fe**	**54**	**-1.933**	ug/L	0.944	48	100521	98712	1	Standard
⎢	**Fe**	**57**	**3.294**	ug/L	0.393	11	21143	25695	0	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.000	7	822	976	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	94010	2	KED
⎢	**Co**	**59**	**0.000**	ug/L	0.000	112	4	6	34	KED
⎢	**Ni**	**60**	**0.007**	ug/L	0.005	76	22	33	27	KED
⎢	**Ni**	**62**	**0.022**	ug/L	0.017	78	6	12	37	KED
⎢	**Cu**	**63**	**0.002**	ug/L	0.003	161	140	145	6	KED
⎢	**Cu**	**65**	**0.009**	ug/L	0.001	11	62	82	3	KED
⎢	**Zn**	**66**	**0.117**	ug/L	0.010	8	170	245	1	KED
⎢	**Zn**	**67**	**0.062**	ug/L	0.058	94	29	35	17	KED
⎢	**As**	**75**	**0.005**	ug/L	0.003	63	3	4	20	KED
⌊	**Se**	**78**	**0.038**	ug/L	0.095	251	13	14	25	KED
	Y	**89**		ug/L			708606	722533	1	Standard
	Kr	**83**		ug/L			306	276	10	Standard
⌈>	**In-1**	**115**		ug/L			27202	26505	0	KED
⎢	**Mo**	**98**	**0.006**	ug/L	0.002	43	11	21	20	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.000	1	5	2	0	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.002	50	7	2	73	KED
⌈>	**In**	**115**		ug/L			1332008	1367311	2	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	356	57	60	11	Standard
⎢	**Sb**	**121**	**0.034**	ug/L	0.000	1	373	1071	2	Standard
⎢	**Sb**	**123**	**0.038**	ug/L	0.001	2	306	906	3	Standard
⎢	**Ba**	**135**	**0.004**	ug/L	0.002	56	46	74	17	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	65	107	130	9	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2898784	2	Standard
⎢	**Tl**	**205**	**0.001**	ug/L	0.000	30	156	278	12	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	14	652	1086	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:17:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1145431	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	66	4	12	39	Standard
	C	**13**		ug/L			25578	50512	0	Standard
	Cl	**37**		ug/L			7247639	6832170	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1581852	0	Standard
⌈	**V**	**51**	**0.003**	ug/L	0.020	683	7213	8514	8	Standard
⌊	**V-1**	**51**	**0.297**	ug/L	0.002	0	545	10977	1	Standard
⌈	**Cr**	**52**	**1.322**	ug/L	0.035	2	21323	63976	2	Standard
⌊	**Cr**	**53**	**2.220**	ug/L	0.027	1	277	8017	0	Standard
⌈	**Fe**	**54**	**20.894**	ug/L	0.677	3	100521	187494	1	Standard
⌊	**Fe**	**57**	**36.606**	ug/L	0.363	0	21143	70894	0	Standard
⌊	**Mn**	**55**	**30.141**	ug/L	0.247	0	822	1353032	0	Standard
⌈>	**Ge**	**72**		ug/L			95506	93985	1	KED
⌈	**Co**	**59**	**0.035**	ug/L	0.003	7	4	199	6	KED
⌊	**Ni**	**60**	**5.274**	ug/L	0.087	1	22	8563	1	KED
⌈	**Ni**	**62**	**5.105**	ug/L	0.220	4	6	1359	4	KED
⌈	**Cu**	**63**	**0.114**	ug/L	0.004	3	140	679	3	KED
⌊	**Cu**	**65**	**0.125**	ug/L	0.002	1	62	356	1	KED
⌈	**Zn**	**66**	**0.405**	ug/L	0.014	3	170	438	1	KED
⌊	**Zn**	**67**	**2.720**	ug/L	0.238	8	29	330	8	KED
⌈	**As**	**75**	**0.350**	ug/L	0.022	6	3	121	6	KED
⌊	**Se**	**78**	**-0.006**	ug/L	0.055	992	13	13	16	KED
	Y	**89**		ug/L			708606	734994	1	Standard
	Kr	**83**		ug/L			306	272	1	Standard
⌈>	**In-1**	**115**		ug/L			27202	26798	0	KED
⌈	**Mo**	**98**	**1.448**	ug/L	0.041	2	11	2569	2	KED
⌈	**Cd**	**111**	**0.006**	ug/L	0.004	61	5	7	19	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.001	23	7	2	35	KED
⌈>	**In**	**115**		ug/L			1332008	1386344	2	Standard
⌈	**Ag**	**107**	**0.221**	ug/L	0.007	3	57	3731	5	Standard
⌈	**Sb**	**121**	**0.023**	ug/L	0.002	7	373	857	4	Standard
⌊	**Sb**	**123**	**0.023**	ug/L	0.002	8	306	687	1	Standard
⌈	**Ba**	**135**	**33.439**	ug/L	0.943	2	46	243351	0	Standard
⌊	**Ba**	**137**	**33.068**	ug/L	0.978	2	107	425143	0	Standard
⌈>	**Tb**	**159**		ug/L			2820494	3010726	1	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	79	156	149	10	Standard
⌊	**Pb**	**208**	**0.065**	ug/L	0.001	0	652	8914	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:22:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1141940	2	Standard
	Be	9	-0.000	ug/L	0.000	51	4	2	43	Standard
	C	13		ug/L			25578	48236	1	Standard
	Cl	37		ug/L			7247639	6747234	0	Standard
>	Sc	45		ug/L			1357002	1544500	1	Standard
	V	51	27.745	ug/L	0.281	1	7213	942132	1	Standard
	V-1	51	27.706	ug/L	0.264	0	545	943759	1	Standard
	Cr	52	2.082	ug/L	0.035	1	21323	84398	1	Standard
	Cr	53	2.878	ug/L	0.018	0	277	10057	2	Standard
	Fe	54	5.818	ug/L	0.609	10	100521	133505	0	Standard
	Fe	57	6.281	ug/L	0.555	8	21143	31804	0	Standard
	Mn	55	0.040	ug/L	0.001	1	822	2687	1	Standard
>	Ge	72		ug/L			95506	93647	0	KED
	Co	59	0.006	ug/L	0.001	18	4	39	15	KED
	Ni	60	0.198	ug/L	0.038	19	22	340	17	KED
	Ni	62	0.212	ug/L	0.026	12	6	62	10	KED
	Cu	63	0.239	ug/L	0.005	2	140	1266	2	KED
	Cu	65	0.245	ug/L	0.007	2	62	635	2	KED
	Zn	66	0.182	ug/L	0.058	31	170	287	12	KED
	Zn	67	0.575	ug/L	0.163	28	29	92	18	KED
	As	75	1.981	ug/L	0.034	1	3	669	1	KED
	Se	78	0.636	ug/L	0.089	13	13	37	8	KED
	Y	89		ug/L			708606	736708	2	Standard
	Kr	83		ug/L			306	313	13	Standard
>	In-1	115		ug/L			27202	26351	2	KED
	Mo	98	0.833	ug/L	0.019	2	11	1459	4	KED
	Cd	111	0.000	ug/L	0.007	2369	5	5	60	KED
	Cd	114	-0.001	ug/L	0.002	210	7	6	35	KED
>	In	115		ug/L			1332008	1400400	1	Standard
	Ag	107	-0.001	ug/L	0.001	146	57	50	26	Standard
	Sb	121	0.204	ug/L	0.007	3	373	4642	3	Standard
	Sb	123	0.207	ug/L	0.005	2	306	3620	1	Standard
	Ba	135	5.240	ug/L	0.095	1	46	38571	1	Standard
	Ba	137	5.031	ug/L	0.095	1	107	65447	0	Standard
>	Tb	159		ug/L			2820494	2982482	1	Standard
	Tl	205	0.001	ug/L	0.000	15	156	240	3	Standard
	Pb	208	0.058	ug/L	0.002	3	652	8004	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:27:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1145315	4	Standard
[	Be	9	0.001	ug/L	0.000	67	4	8	26	Standard
	C	13		ug/L			25578	46500	0	Standard
	Cl	37		ug/L			7247639	6804680	0	Standard
[>	Sc	45		ug/L			1357002	1649287	0	Standard
[	V	51	23.749	ug/L	0.171	0	7213	862486	1	Standard
[	V-1	51	23.803	ug/L	0.152	0	545	865969	0	Standard
[	Cr	52	1.986	ug/L	0.024	1	21323	87159	1	Standard
[	Cr	53	2.940	ug/L	0.039	1	277	10962	0	Standard
[	Fe	54	-2.744	ug/L	0.377	13	100521	112544	0	Standard
[	Fe	57	26.424	ug/L	0.399	1	21143	60504	0	Standard
[	Mn	55	1.105	ug/L	0.008	0	822	52700	0	Standard
[>	Ge	72		ug/L			95506	93868	0	KED
[	Co	59	0.008	ug/L	0.001	10	4	49	10	KED
[	Ni	60	0.062	ug/L	0.003	5	22	121	4	KED
[	Ni	62	0.058	ug/L	0.058	100	6	22	69	KED
[	Cu	63	0.192	ug/L	0.013	6	140	1048	5	KED
[	Cu	65	0.199	ug/L	0.010	4	62	528	4	KED
[	Zn	66	0.660	ug/L	0.091	13	170	608	10	KED
[	Zn	67	1.107	ug/L	0.136	12	29	151	9	KED
[	As	75	1.200	ug/L	0.035	2	3	407	2	KED
[	Se	78	0.980	ug/L	0.067	6	13	50	5	KED
	Y	89		ug/L			708606	729837	0	Standard
	Kr	83		ug/L			306	284	5	Standard
[>	In-1	115		ug/L			27202	26326	0	KED
[	Mo	98	1.226	ug/L	0.010	0	11	2138	1	KED
[	Cd	111	0.005	ug/L	0.007	133	5	6	39	KED
[	Cd	114	-0.002	ug/L	0.004	184	7	5	76	KED
[>	In	115		ug/L			1332008	1363845	2	Standard
[	Ag	107	-0.001	ug/L	0.000	56	57	46	14	Standard
[	Sb	121	0.066	ug/L	0.002	3	373	1726	1	Standard
[	Sb	123	0.067	ug/L	0.005	6	306	1347	4	Standard
[	Ba	135	3.270	ug/L	0.075	2	46	23452	0	Standard
[	Ba	137	3.225	ug/L	0.072	2	107	40893	0	Standard
[>	Tb	159		ug/L			2820494	2998021	0	Standard
[	Tl	205	0.000	ug/L	0.000	153	156	178	9	Standard
[	Pb	208	0.086	ug/L	0.002	2	652	11565	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:31:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1142031	0	Standard
	Be	9	-0.000	ug/L	0.000	524	4	4	24	Standard
	C	13		ug/L			25578	52117	0	Standard
	Cl	37		ug/L			7247639	6859979	1	Standard
>	Sc	45		ug/L			1357002	1614642	1	Standard
	V	51	28.145	ug/L	0.334	1	7213	999017	1	Standard
	V-1	51	28.182	ug/L	0.325	1	545	1003583	1	Standard
	Cr	52	3.882	ug/L	0.012	0	21323	142593	1	Standard
	Cr	53	4.873	ug/L	0.030	0	277	17573	1	Standard
	Fe	54	2.086	ug/L	0.232	11	100521	126778	2	Standard
	Fe	57	30.453	ug/L	0.545	1	21143	64426	1	Standard
	Mn	55	0.201	ug/L	0.003	1	822	10181	1	Standard
>	Ge	72		ug/L			95506	93942	0	KED
	Co	59	0.008	ug/L	0.000	5	4	48	4	KED
	Ni	60	2.127	ug/L	0.047	2	22	3465	2	KED
	Ni	62	2.138	ug/L	0.207	9	6	572	9	KED
	Cu	63	0.539	ug/L	0.018	3	140	2691	2	KED
	Cu	65	0.569	ug/L	0.020	3	62	1400	3	KED
	Zn	66	0.970	ug/L	0.133	13	170	815	10	KED
	Zn	67	1.312	ug/L	0.177	13	29	173	10	KED
	As	75	1.543	ug/L	0.008	0	3	523	0	KED
	Se	78	0.706	ug/L	0.185	26	13	40	17	KED
	Y	89		ug/L			708606	731420	1	Standard
	Kr	83		ug/L			306	314	10	Standard
>	In-1	115		ug/L			27202	26288	0	KED
	Mo	98	1.231	ug/L	0.036	2	11	2144	2	KED
	Cd	111	-0.004	ug/L	0.004	102	5	3	41	KED
	Cd	114	-0.004	ug/L	0.004	109	7	3	111	KED
>	In	115		ug/L			1332008	1413001	3	Standard
	Ag	107	0.001	ug/L	0.001	79	57	73	10	Standard
	Sb	121	0.051	ug/L	0.004	7	373	1477	5	Standard
	Sb	123	0.050	ug/L	0.000	0	306	1128	3	Standard
	Ba	135	2.964	ug/L	0.068	2	46	22032	0	Standard
	Ba	137	2.928	ug/L	0.057	1	107	38477	1	Standard
>	Tb	159		ug/L			2820494	3020161	0	Standard
	Tl	205	-0.001	ug/L	0.000	12	156	93	10	Standard
	Pb	208	0.083	ug/L	0.001	1	652	11230	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:36:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1092049	1161209	2	Standard
[	**Be**	**9**	**0.004**	ug/L	0.001	33	4	29	26	Standard
	C	**13**		ug/L			25578	50452	1	Standard
	Cl	**37**		ug/L			7247639	6910612	0	Standard
[>	**Sc**	**45**		ug/L			1357002	1592311	2	Standard
[	**V**	**51**	**0.031**	ug/L	0.035	110	7213	9539	11	Standard
[	**V-1**	**51**	**0.351**	ug/L	0.007	1	545	12960	0	Standard
[	**Cr**	**52**	**5.836**	ug/L	0.138	2	21323	198727	0	Standard
[	**Cr**	**53**	**6.657**	ug/L	0.091	1	277	23550	1	Standard
[	**Fe**	**54**	**190.095**	ug/L	3.008	1	100521	761844	1	Standard
[	**Fe**	**57**	**205.729**	ug/L	1.292	0	21143	286462	2	Standard
[	**Mn**	**55**	**33.339**	ug/L	0.236	0	822	1506325	1	Standard
[>	**Ge**	**72**		ug/L			95506	94257	0	KED
[	**Co**	**59**	**0.080**	ug/L	0.004	5	4	455	5	KED
[	**Ni**	**60**	**8.520**	ug/L	0.135	1	22	13861	1	KED
[	**Ni**	**62**	**8.601**	ug/L	0.205	2	6	2291	2	KED
[	**Cu**	**63**	**0.403**	ug/L	0.019	4	140	2055	4	KED
[	**Cu**	**65**	**0.421**	ug/L	0.003	0	62	1056	0	KED
[	**Zn**	**66**	**0.496**	ug/L	0.050	10	170	500	6	KED
[	**Zn**	**67**	**2.718**	ug/L	0.292	10	29	330	9	KED
[	**As**	**75**	**0.347**	ug/L	0.030	8	3	120	8	KED
[	**Se**	**78**	**0.013**	ug/L	0.020	153	13	14	5	KED
	Y	**89**		ug/L			708606	744225	0	Standard
	Kr	**83**		ug/L			306	297	4	Standard
[>	**In-1**	**115**		ug/L			27202	26295	1	KED
[	**Mo**	**98**	**1.403**	ug/L	0.025	1	11	2443	2	KED
[	**Cd**	**111**	**-0.004**	ug/L	0.004	84	5	3	45	KED
[	**Cd**	**114**	**-0.002**	ug/L	0.002	101	7	5	38	KED
[>	**In**	**115**		ug/L			1332008	1422204	1	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.000	35	57	52	5	Standard
[	**Sb**	**121**	**0.024**	ug/L	0.001	2	373	909	0	Standard
[	**Sb**	**123**	**0.023**	ug/L	0.002	10	306	693	6	Standard
[	**Ba**	**135**	**31.987**	ug/L	0.585	1	46	238883	0	Standard
[	**Ba**	**137**	**31.359**	ug/L	0.670	2	107	413742	1	Standard
[>	**Tb**	**159**		ug/L			2820494	3026221	0	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	2955	156	168	11	Standard
[	**Pb**	**208**	**0.159**	ug/L	0.003	1	652	21001	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0108-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:43:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1191140	3	Standard
[	Be	9	0.003	ug/L	0.001	38	4	29	30	Standard
	C	13		ug/L			25578	53807	1	Standard
	Cl	37		ug/L			7247639	8398242	0	Standard
[>	Sc	45		ug/L			1357002	1535509	0	Standard
[	V	51	0.155	ug/L	0.038	24	7213	13349	8	Standard
[	V-1	51	1.026	ug/L	0.016	1	545	35330	2	Standard
[	Cr	52	1.733	ug/L	0.126	7	21323	73879	4	Standard
[	Cr	53	4.477	ug/L	0.051	1	277	15377	1	Standard
[	Fe	54	35.654	ug/L	0.723	2	100521	230206	0	Standard
[	Fe	57	38.999	ug/L	0.999	2	21143	71745	1	Standard
[	Mn	55	5.283	ug/L	0.170	3	822	230946	2	Standard
[>	Ge	72		ug/L			95506	96140	1	KED
[	Co	59	0.028	ug/L	0.002	8	4	162	8	KED
[	Ni	60	1.471	ug/L	0.028	1	22	2459	2	KED
[	Ni	62	1.478	ug/L	0.018	1	6	407	2	KED
[	Cu	63	3.561	ug/L	0.075	2	140	17405	1	KED
[	Cu	65	3.644	ug/L	0.045	1	62	8843	0	KED
[	Zn	66	32.987	ug/L	0.385	1	170	22727	1	KED
[	Zn	67	30.795	ug/L	0.963	3	29	3519	3	KED
[	As	75	0.470	ug/L	0.016	3	3	165	4	KED
[	Se	78	0.250	ug/L	0.069	27	13	23	12	KED
	Y	89		ug/L			708606	763161	0	Standard
	Kr	83		ug/L			306	309	9	Standard
[>	In-1	115		ug/L			27202	23261	25	KED
[	Mo	98	16.668	ug/L	4.641	27	11	24356	2	KED
[	Cd	111	0.022	ug/L	0.004	18	5	12	32	KED
[	Cd	114	0.009	ug/L	0.009	96	7	13	30	KED
[>	In	115		ug/L			1332008	1417524	2	Standard
[	Ag	107	0.008	ug/L	0.000	2	57	198	2	Standard
[	Sb	121	0.189	ug/L	0.005	2	373	4379	1	Standard
[	Sb	123	0.192	ug/L	0.003	1	306	3414	0	Standard
[	Ba	135	10.692	ug/L	0.428	4	46	79579	1	Standard
[	Ba	137	10.554	ug/L	0.193	1	107	138837	0	Standard
[>	Tb	159		ug/L			2820494	3040643	0	Standard
[	Tl	205	-0.000	ug/L	0.000	147	156	154	13	Standard
[	Pb	208	0.961	ug/L	0.017	1	652	123707	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:47:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1202593	1	Standard
	Be	9	0.004	ug/L	0.001	31	4	33	26	Standard
	C	13		ug/L			25578	54725	0	Standard
	Cl	37		ug/L			7247639	8485975	1	Standard
>	Sc	45		ug/L			1357002	1520457	1	Standard
	V	51	0.145	ug/L	0.006	4	7213	12894	1	Standard
	V-1	51	1.042	ug/L	0.008	0	545	35533	0	Standard
	Cr	52	1.722	ug/L	0.112	6	21323	72852	4	Standard
	Cr	53	4.551	ug/L	0.096	2	277	15472	2	Standard
	Fe	54	35.919	ug/L	0.391	1	100521	228807	0	Standard
	Fe	57	40.214	ug/L	0.662	1	21143	72517	0	Standard
	Mn	55	5.369	ug/L	0.065	1	822	232442	2	Standard
>	Ge	72		ug/L			95506	96964	0	KED
	Co	59	0.027	ug/L	0.002	8	4	161	8	KED
	Ni	60	1.432	ug/L	0.045	3	22	2415	3	KED
	Ni	62	1.414	ug/L	0.209	14	6	393	14	KED
	Cu	63	3.550	ug/L	0.027	0	140	17501	0	KED
	Cu	65	3.497	ug/L	0.008	0	62	8561	0	KED
	Zn	66	31.819	ug/L	0.549	1	170	22116	1	KED
	Zn	67	31.412	ug/L	0.603	1	29	3620	1	KED
	As	75	0.508	ug/L	0.039	7	3	180	7	KED
	Se	78	0.080	ug/L	0.036	45	13	17	7	KED
	Y	89		ug/L			708606	745353	1	Standard
	Kr	83		ug/L			306	295	4	Standard
>	In-1	115		ug/L			27202	26601	1	KED
	Mo	98	13.941	ug/L	0.272	1	11	24454	1	KED
	Cd	111	0.009	ug/L	0.007	75	5	8	33	KED
	Cd	114	0.016	ug/L	0.010	63	7	23	45	KED
>	In	115		ug/L			1332008	1408107	1	Standard
	Ag	107	0.009	ug/L	0.001	7	57	205	6	Standard
	Sb	121	0.173	ug/L	0.003	1	373	4018	2	Standard
	Sb	123	0.177	ug/L	0.004	2	306	3163	1	Standard
	Ba	135	10.751	ug/L	0.226	2	46	79520	0	Standard
	Ba	137	10.614	ug/L	0.223	2	107	138718	1	Standard
>	Tb	159		ug/L			2820494	3055387	0	Standard
	Tl	205	-0.000	ug/L	0.000	36	156	152	5	Standard
	Pb	208	0.951	ug/L	0.020	2	652	123061	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:52:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1096374	1	Standard
	Be	9	24.915	ug/L	0.077	0	4	164208	0	Standard
	C	13		ug/L			25578	52743	0	Standard
	Cl	37		ug/L			7247639	8571203	2	Standard
>	Sc	45		ug/L			1357002	1444474	2	Standard
	V	51	24.733	ug/L	0.533	2	7213	786117	0	Standard
	V-1	51	25.302	ug/L	0.488	1	545	805916	0	Standard
	Cr	52	26.631	ug/L	0.266	0	21323	741908	1	Standard
	Cr	53	28.392	ug/L	0.139	0	277	90167	2	Standard
	Fe	54	5379.274	ug/L	43.280	0	100521	16637004	2	Standard
	Fe	57	5423.730	ug/L	92.592	1	21143	6279086	2	Standard
	Mn	55	30.501	ug/L	0.189	0	822	1250265	1	Standard
>	Ge	72		ug/L			95506	95835	1	KED
	Co	59	24.986	ug/L	0.509	2	4	142606	1	KED
	Ni	60	25.550	ug/L	0.137	0	22	42220	1	KED
	Ni	62	25.416	ug/L	0.256	1	6	6872	2	KED
	Cu	63	27.251	ug/L	0.396	1	140	131842	0	KED
	Cu	65	27.710	ug/L	0.294	1	62	66622	1	KED
	Zn	66	108.598	ug/L	0.953	0	170	74194	0	KED
	Zn	67	103.190	ug/L	2.508	2	29	11687	2	KED
	As	75	24.737	ug/L	0.139	0	3	8518	0	KED
	Se	78	78.106	ug/L	0.871	1	13	3002	0	KED
	Y	89		ug/L			708606	723214	1	Standard
	Kr	83		ug/L			306	311	8	Standard
>	In-1	115		ug/L			27202	26540	1	KED
	Mo	98	13.534	ug/L	0.249	1	11	23687	1	KED
	Cd	111	24.817	ug/L	0.462	1	5	9846	0	KED
	Cd	114	24.635	ug/L	0.280	1	7	25316	2	KED
>	In	115		ug/L			1332008	1389356	0	Standard
	Ag	107	24.076	ug/L	0.538	2	57	401161	1	Standard
	Sb	121	0.203	ug/L	0.006	3	373	4585	2	Standard
	Sb	123	0.210	ug/L	0.003	1	306	3630	1	Standard
	Ba	135	35.821	ug/L	0.448	1	46	261365	1	Standard
	Ba	137	35.420	ug/L	1.002	2	107	456531	2	Standard
>	Tb	159		ug/L			2820494	2999371	2	Standard
	Tl	205	25.051	ug/L	0.111	0	156	2418045	2	Standard
	Pb	208	23.706	ug/L	0.217	0	652	2994298	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:58:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1104625	0	Standard
	Be	9	24.893	ug/L	0.387	1	4	165309	2	Standard
	C	13		ug/L			25578	50684	0	Standard
	Cl	37		ug/L			7247639	8459518	0	Standard
>	Sc	45		ug/L			1357002	1464516	0	Standard
	V	51	24.705	ug/L	0.348	1	7213	796365	1	Standard
	V-1	51	25.175	ug/L	0.264	1	545	813257	1	Standard
	Cr	52	26.514	ug/L	0.285	1	21323	749048	0	Standard
	Cr	53	27.964	ug/L	0.452	1	277	90044	1	Standard
	Fe	54	5366.612	ug/L	70.340	1	100521	16828898	1	Standard
	Fe	57	5374.352	ug/L	83.677	1	21143	6308826	1	Standard
	Mn	55	30.883	ug/L	0.532	1	822	1283489	1	Standard
>	Ge	72		ug/L			95506	93942	0	KED
	Co	59	25.565	ug/L	0.371	1	4	143037	0	KED
	Ni	60	26.531	ug/L	0.050	0	22	42974	1	KED
	Ni	62	26.129	ug/L	0.123	0	6	6924	0	KED
	Cu	63	27.979	ug/L	0.565	2	140	132687	1	KED
	Cu	65	28.302	ug/L	0.426	1	62	66692	1	KED
	Zn	66	110.667	ug/L	1.639	1	170	74106	0	KED
	Zn	67	103.675	ug/L	1.803	1	29	11509	0	KED
	As	75	25.519	ug/L	0.416	1	3	8613	0	KED
	Se	78	78.885	ug/L	0.690	0	13	2972	1	KED
	Y	89		ug/L			708606	736129	1	Standard
	Kr	83		ug/L			306	325	5	Standard
>	In-1	115		ug/L			27202	26344	0	KED
	Mo	98	13.814	ug/L	0.325	2	11	23998	1	KED
	Cd	111	24.759	ug/L	0.064	0	5	9752	0	KED
	Cd	114	24.824	ug/L	0.651	2	7	25316	1	KED
>	In	115		ug/L			1332008	1392769	1	Standard
	Ag	107	23.862	ug/L	0.697	2	57	398570	3	Standard
	Sb	121	0.235	ug/L	0.007	2	373	5260	1	Standard
	Sb	123	0.243	ug/L	0.002	0	306	4170	0	Standard
	Ba	135	36.165	ug/L	0.572	1	46	264475	0	Standard
	Ba	137	35.606	ug/L	0.749	2	107	459995	0	Standard
>	Tb	159		ug/L			2820494	3077512	0	Standard
	Tl	205	25.093	ug/L	0.121	0	156	2485217	0	Standard
	Pb	208	23.344	ug/L	0.107	0	652	3025792	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:07:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1082182	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	148	4	9	80	Standard
	C	**13**		ug/L			25578	24495	1	Standard
	Cl	**37**		ug/L			7247639	7416664	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1407651	1	Standard
⌈	**V**	**51**	**-0.014**	ug/L	0.006	41	7213	7043	1	Standard
⌊	**V-1**	**51**	**0.014**	ug/L	0.001	8	545	986	2	Standard
⌈	**Cr**	**52**	**-0.057**	ug/L	0.018	31	21323	20621	1	Standard
⌊	**Cr**	**53**	**0.034**	ug/L	0.003	9	277	393	2	Standard
⌈	**Fe**	**54**	**-2.404**	ug/L	0.496	20	100521	97063	0	Standard
⌊	**Fe**	**57**	**-3.126**	ug/L	0.391	12	21143	18416	2	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	54	822	797	2	Standard
⌈>	**Ge**	**72**		ug/L			95506	93586	1	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	29	4	0	173	KED
⌊	**Ni**	**60**	**0.001**	ug/L	0.004	264	22	24	25	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.009	110	6	8	24	KED
⌈	**Cu**	**63**	**-0.012**	ug/L	0.002	14	140	80	9	KED
⌊	**Cu**	**65**	**-0.012**	ug/L	0.006	46	62	33	40	KED
⌈	**Zn**	**66**	**-0.089**	ug/L	0.017	19	170	107	10	KED
⌊	**Zn**	**67**	**-0.167**	ug/L	0.009	5	29	10	10	KED
⌈	**As**	**75**	**-0.005**	ug/L	0.003	55	3	1	66	KED
⌊	**Se**	**78**	**-0.010**	ug/L	0.045	465	13	13	12	KED
	Y	**89**		ug/L			708606	722734	1	Standard
	Kr	**83**		ug/L			306	289	6	Standard
⌈>	**In-1**	**115**		ug/L			27202	26853	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	95	11	7	40	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	235	5	4	48	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	73	7	4	53	KED
⌈>	**In**	**115**		ug/L			1332008	1420042	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	134	57	55	13	Standard
⌈	**Sb**	**121**	**-0.016**	ug/L	0.000	1	373	70	8	Standard
⌊	**Sb**	**123**	**-0.017**	ug/L	0.001	4	306	60	21	Standard
⌈	**Ba**	**135**	**-0.004**	ug/L	0.000	9	46	19	14	Standard
⌊	**Ba**	**137**	**-0.004**	ug/L	0.000	10	107	59	9	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2964467	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	14	156	110	6	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	33	652	711	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:12:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1105342	0	Standard
⌊	**Be**	**9**	**51.106**	ug/L	0.319	0	4	339590	1	Standard
	C	**13**		ug/L			25578	25166	0	Standard
	Cl	**37**		ug/L			7247639	7726148	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1443887	0	Standard
⌈	**V**	**51**	**49.843**	ug/L	0.408	0	7213	1576313	1	Standard
⌊	**V-1**	**51**	**50.050**	ug/L	0.708	1	545	1593514	1	Standard
⌈	**Cr**	**52**	**49.767**	ug/L	0.432	0	21323	1366282	0	Standard
⌊	**Cr**	**53**	**50.435**	ug/L	1.148	2	277	159890	2	Standard
⌈	**Fe**	**54**	**5260.211**	ug/L	68.183	1	100521	16265508	1	Standard
⌊	**Fe**	**57**	**5314.576**	ug/L	115.581	2	21143	6151640	2	Standard
⌊	**Mn**	**55**	**53.777**	ug/L	0.405	0	822	2202963	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	96023	0	KED
⌈	**Co**	**59**	**48.712**	ug/L	0.495	1	4	278595	0	KED
⌊	**Ni**	**60**	**48.893**	ug/L	0.282	0	22	80932	0	KED
⌈	**Ni**	**62**	**48.512**	ug/L	0.593	1	6	13135	1	KED
⌈	**Cu**	**63**	**48.273**	ug/L	0.464	0	140	233917	0	KED
⌊	**Cu**	**65**	**49.023**	ug/L	0.190	0	62	118041	0	KED
⌈	**Zn**	**66**	**50.161**	ug/L	0.188	0	170	34431	0	KED
⌊	**Zn**	**67**	**49.393**	ug/L	0.144	0	29	5620	0	KED
⌈	**As**	**75**	**49.093**	ug/L	0.596	1	3	16935	0	KED
⌊	**Se**	**78**	**49.458**	ug/L	1.124	2	13	1910	2	KED
	Y	**89**		ug/L			708606	721878	1	Standard
	Kr	**83**		ug/L			306	335	4	Standard
⌈>	**In-1**	**115**		ug/L			27202	26937	2	KED
⌈	**Mo**	**98**	**48.009**	ug/L	0.663	1	11	85244	0	KED
⌈	**Cd**	**111**	**48.790**	ug/L	0.801	1	5	19641	0	KED
⌊	**Cd**	**114**	**48.872**	ug/L	0.762	1	7	50950	0	KED
⌈>	**In**	**115**		ug/L			1332008	1387698	2	Standard
⌈	**Ag**	**107**	**49.379**	ug/L	1.786	3	57	821220	1	Standard
⌈	**Sb**	**121**	**49.300**	ug/L	1.113	2	373	1017252	1	Standard
⌊	**Sb**	**123**	**51.604**	ug/L	1.247	2	306	813974	0	Standard
⌈	**Ba**	**135**	**50.541**	ug/L	2.186	4	46	368002	1	Standard
⌊	**Ba**	**137**	**49.805**	ug/L	2.172	4	107	640658	1	Standard
⌈>	**Tb**	**159**		ug/L			2820494	3013141	0	Standard
⌈	**Tl**	**205**	**49.983**	ug/L	0.190	0	156	4846816	0	Standard
⌊	**Pb**	**208**	**48.233**	ug/L	0.286	0	652	6120306	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:19:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1101021	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	102	4	7	43	Standard
	C	**13**		ug/L			25578	26076	3	Standard
	Cl	**37**		ug/L			7247639	7280524	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1406608	0	Standard
⌈	**V**	**51**	**-0.021**	ug/L	0.004	18	7213	6847	1	Standard
⌊	**V-1**	**51**	**0.002**	ug/L	0.000	9	545	639	0	Standard
⌈	**Cr**	**52**	**-0.074**	ug/L	0.008	10	21323	20156	1	Standard
⌊	**Cr**	**53**	**0.002**	ug/L	0.005	336	277	292	5	Standard
⌈	**Fe**	**54**	**-1.989**	ug/L	0.887	44	100521	98233	1	Standard
⌊	**Fe**	**57**	**0.334**	ug/L	0.339	101	21143	22290	1	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.000	16	822	956	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	91458	5	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.002	503	4	5	145	KED
⌊	**Ni**	**60**	**0.014**	ug/L	0.001	10	22	43	5	KED
⌈	**Ni**	**62**	**0.016**	ug/L	0.012	72	6	10	26	KED
⌊	**Cu**	**63**	**0.007**	ug/L	0.003	38	140	165	4	KED
⌈	**Cu**	**65**	**0.011**	ug/L	0.007	63	62	84	18	KED
⌊	**Zn**	**66**	**0.082**	ug/L	0.028	34	170	216	11	KED
⌈	**Zn**	**67**	**0.193**	ug/L	0.099	51	29	48	24	KED
⌊	**As**	**75**	**0.003**	ug/L	0.003	81	3	4	17	KED
⌊	**Se**	**78**	**-0.029**	ug/L	0.078	271	13	12	18	KED
	Y	**89**		ug/L			708606	709286	3	Standard
	Kr	**83**		ug/L			306	292	7	Standard
⌈>	**In-1**	**115**		ug/L			27202	26837	1	KED
⌈	**Mo**	**98**	**0.010**	ug/L	0.002	18	11	28	11	KED
⌊	**Cd**	**111**	**-0.004**	ug/L	0.004	98	5	3	41	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.000	2	7	3	1	KED
⌈>	**In**	**115**		ug/L			1332008	1401716	4	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	84059	57	60	24	Standard
⌊	**Sb**	**121**	**0.038**	ug/L	0.002	4	373	1180	3	Standard
⌈	**Sb**	**123**	**0.040**	ug/L	0.004	8	306	957	2	Standard
⌊	**Ba**	**135**	**0.005**	ug/L	0.002	37	46	84	14	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	45	107	140	6	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2981372	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	12	156	278	4	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	5	652	1144	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:24:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L				1113853	2	Standard
	Be	**9**		ug/L				4	24	Standard
	C	**13**		ug/L				26149	1	Standard
	Cl	**37**		ug/L				7203780	1	Standard
>	**Sc**	**45**		ug/L				1411304	1	Standard
	V	**51**		ug/L				6817	0	Standard
	V-1	**51**		ug/L				591	1	Standard
	Cr	**52**		ug/L				20282	0	Standard
	Cr	**53**		ug/L				300	3	Standard
	Fe	**54**		ug/L				99061	1	Standard
	Fe	**57**		ug/L				23749	1	Standard
	Mn	**55**		ug/L				924	5	Standard
>	**Ge**	**72**		ug/L				92215	0	KED
	Co	**59**		ug/L				5	57	KED
	Ni	**60**		ug/L				37	21	KED
	Ni	**62**		ug/L				6	69	KED
	Cu	**63**		ug/L				150	8	KED
	Cu	**65**		ug/L				82	17	KED
	Zn	**66**		ug/L				218	5	KED
	Zn	**67**		ug/L				32	15	KED
	As	**75**		ug/L				3	48	KED
	Se	**78**		ug/L				14	11	KED
	Y	**89**		ug/L				716574	2	Standard
	Kr	**83**		ug/L				281	3	Standard
>	**In-1**	**115**		ug/L				26143	1	KED
	Mo	**98**		ug/L				7	56	KED
	Cd	**111**		ug/L				4	49	KED
	Cd	**114**		ug/L				4	92	KED
>	**In**	**115**		ug/L				1390988	2	Standard
	Ag	**107**		ug/L				42	12	Standard
	Sb	**121**		ug/L				401	4	Standard
	Sb	**123**		ug/L				306	6	Standard
	Ba	**135**		ug/L				72	19	Standard
	Ba	**137**		ug/L				142	2	Standard
>	**Tb**	**159**		ug/L				2935826	0	Standard
	Tl	**205**		ug/L				144	9	Standard
	Pb	**208**		ug/L				1069	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:29:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1112767	1	Standard
	Be	**9**	**50.401**	ug/L	0.664	1	4	337136	1	Standard
	C	**13**		ug/L			26149	24878	1	Standard
	Cl	**37**		ug/L			7203780	7592819	0	Standard
>	**Sc**	**45**		ug/L			1411304	1426817	0	Standard
	V	**51**	**49.959**	ug/L	0.446	0	6817	1560501	0	Standard
	V-1	**51**	**50.184**	ug/L	0.335	0	591	1578796	0	Standard
	Cr	**52**	**50.300**	ug/L	0.170	0	20282	1362498	1	Standard
	Cr	**53**	**51.012**	ug/L	0.534	1	300	159812	1	Standard
	Fe	**54**	**5303.390**	ug/L	45.471	0	99061	16197924	1	Standard
	Fe	**57**	**5330.033**	ug/L	113.522	2	23749	6098697	3	Standard
	Mn	**55**	**54.313**	ug/L	0.344	0	924	2198697	1	Standard
>	**Ge**	**72**		ug/L			92215	93698	1	KED
	Co	**59**	**48.569**	ug/L	0.757	1	5	271073	2	KED
	Ni	**60**	**49.207**	ug/L	0.120	0	37	79493	1	KED
	Ni	**62**	**49.109**	ug/L	1.035	2	6	12972	0	KED
	Cu	**63**	**48.425**	ug/L	0.727	1	150	228957	0	KED
	Cu	**65**	**49.186**	ug/L	0.545	1	82	115598	2	KED
	Zn	**66**	**49.797**	ug/L	0.403	0	218	33407	0	KED
	Zn	**67**	**50.379**	ug/L	2.982	5	32	5594	4	KED
	As	**75**	**49.644**	ug/L	0.685	1	3	16709	0	KED
	Se	**78**	**50.286**	ug/L	0.861	1	14	1896	0	KED
	Y	**89**		ug/L			716574	727959	2	Standard
	Kr	**83**		ug/L			281	322	8	Standard
>	**In-1**	**115**		ug/L			26143	26129	1	KED
	Mo	**98**	**48.786**	ug/L	1.304	2	7	84016	1	KED
	Cd	**111**	**49.350**	ug/L	1.398	2	4	19270	1	KED
	Cd	**114**	**49.211**	ug/L	0.939	1	4	49765	0	KED
>	**In**	**115**		ug/L			1390988	1388837	1	Standard
	Ag	**107**	**49.102**	ug/L	1.181	2	42	817719	2	Standard
	Sb	**121**	**49.353**	ug/L	0.587	1	401	1019463	0	Standard
	Sb	**123**	**50.806**	ug/L	0.303	0	306	802372	1	Standard
	Ba	**135**	**49.617**	ug/L	0.501	1	72	361874	1	Standard
	Ba	**137**	**49.727**	ug/L	0.208	0	142	640718	1	Standard
>	**Tb**	**159**		ug/L			2935826	3006361	0	Standard
	Tl	**205**	**50.496**	ug/L	0.298	0	144	4885420	0	Standard
	Pb	**208**	**48.421**	ug/L	0.323	0	1069	6130863	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:36:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1124475	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	288	4	3	50	Standard
	C	**13**		ug/L			26149	25893	1	Standard
	Cl	**37**		ug/L			7203780	7409559	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1407543	1	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.002	218	6817	6831	0	Standard
⌊	**V-1**	**51**	**-0.002**	ug/L	0.001	49	591	512	6	Standard
⌈	**Cr**	**52**	**-0.000**	ug/L	0.005	2069	20282	20223	1	Standard
⌊	**Cr**	**53**	**-0.012**	ug/L	0.007	57	300	264	8	Standard
⌈	**Fe**	**54**	**0.026**	ug/L	0.141	554	99061	98871	0	Standard
⌊	**Fe**	**57**	**-0.492**	ug/L	0.094	19	23749	23131	0	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	44	924	978	1	Standard
⌈>	**Ge**	**72**		ug/L			92215	93515	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.001	127	5	8	48	KED
⌊	**Ni**	**60**	**0.004**	ug/L	0.005	106	37	45	17	KED
⌈	**Ni**	**62**	**0.012**	ug/L	0.014	122	6	9	40	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.003	218	150	159	10	KED
⌊	**Cu**	**65**	**0.001**	ug/L	0.003	263	82	86	8	KED
⌈	**Zn**	**66**	**-0.002**	ug/L	0.041	2286	218	220	12	KED
⌊	**Zn**	**67**	**0.042**	ug/L	0.095	225	32	37	28	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.006	986	3	2	72	KED
⌊	**Se**	**78**	**0.045**	ug/L	0.014	31	14	16	3	KED
	Y	**89**		ug/L			716574	712725	0	Standard
	Kr	**83**		ug/L			281	283	9	Standard
⌈>	**In-1**	**115**		ug/L			26143	26017	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.001	32	7	14	13	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.008	234	4	3	96	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	494	4	4	60	KED
⌈>	**In**	**115**		ug/L			1390988	1382726	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	54	42	57	14	Standard
⌈	**Sb**	**121**	**0.043**	ug/L	0.001	1	401	1292	2	Standard
⌊	**Sb**	**123**	**0.047**	ug/L	0.002	4	306	1050	4	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.003	156	72	85	22	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	57	142	125	5	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2966845	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	16	144	297	9	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	247	1069	1090	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:41:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1136655	2	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	73	4	1	100	Standard
	C	**13**		ug/L			26149	45551	1	Standard
	Cl	**37**		ug/L			7203780	6717888	0	Standard
[>	**Sc**	**45**		ug/L			1411304	1525810	0	Standard
[	**V**	**51**	**26.951**	ug/L	0.278	1	6817	903635	0	Standard
[	**V-1**	**51**	**26.867**	ug/L	0.293	1	591	904184	0	Standard
[	**Cr**	**52**	**2.103**	ug/L	0.039	1	20282	81934	1	Standard
[	**Cr**	**53**	**2.724**	ug/L	0.029	1	300	9433	0	Standard
[	**Fe**	**54**	**3.054**	ug/L	0.489	16	99061	117006	0	Standard
[	**Fe**	**57**	**6.849**	ug/L	0.433	6	23749	34021	1	Standard
[	**Mn**	**55**	**0.274**	ug/L	0.002	0	924	12868	0	Standard
[>	**Ge**	**72**		ug/L			92215	93486	1	KED
[	**Co**	**59**	**0.007**	ug/L	0.002	32	5	42	27	KED
[	**Ni**	**60**	**0.065**	ug/L	0.015	22	37	142	15	KED
[	**Ni**	**62**	**0.067**	ug/L	0.019	28	6	24	19	KED
[	**Cu**	**63**	**0.080**	ug/L	0.001	0	150	531	0	KED
[	**Cu**	**65**	**0.082**	ug/L	0.010	12	82	275	7	KED
[	**Zn**	**66**	**-0.119**	ug/L	0.027	23	218	142	11	KED
[	**Zn**	**67**	**0.468**	ug/L	0.077	16	32	84	11	KED
[	**As**	**75**	**1.927**	ug/L	0.088	4	3	650	3	KED
[	**Se**	**78**	**0.525**	ug/L	0.039	7	14	34	3	KED
	Y	**89**		ug/L			716574	727729	2	Standard
	Kr	**83**		ug/L			281	295	17	Standard
[>	**In-1**	**115**		ug/L			26143	25966	1	KED
[	**Mo**	**98**	**0.809**	ug/L	0.040	4	7	1391	4	KED
[	**Cd**	**111**	**0.004**	ug/L	0.005	124	4	6	32	KED
[	**Cd**	**114**	**-0.001**	ug/L	0.002	248	4	3	54	KED
[>	**In**	**115**		ug/L			1390988	1419313	0	Standard
[	**Ag**	**107**	**0.001**	ug/L	0.000	2	42	57	0	Standard
[	**Sb**	**121**	**0.215**	ug/L	0.004	2	401	4958	2	Standard
[	**Sb**	**123**	**0.228**	ug/L	0.012	5	306	3997	4	Standard
[	**Ba**	**135**	**4.825**	ug/L	0.059	1	72	36030	0	Standard
[	**Ba**	**137**	**4.702**	ug/L	0.055	1	142	62041	0	Standard
[>	**Tb**	**159**		ug/L			2935826	3014851	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	11	144	280	4	Standard
[	**Pb**	**208**	**0.029**	ug/L	0.001	3	1069	4766	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0151-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:47:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1148411	0	Standard
[	Be	9	0.003	ug/L	0.002	61	4	22	48	Standard
	C	13		ug/L			26149	52923	0	Standard
	Cl	37		ug/L			7203780	9551455	0	Standard
[>	Sc	45		ug/L			1411304	1714101	2	Standard
[	V	51	2.774	ug/L	0.059	2	6817	111906	1	Standard
[	V-1	51	5.075	ug/L	0.082	1	591	192434	0	Standard
[	Cr	52	0.266	ug/L	0.025	9	20282	33156	0	Standard
[	Cr	53	7.758	ug/L	0.159	2	300	29498	1	Standard
[	Fe	54	7.476	ug/L	0.484	6	99061	147553	0	Standard
[	Fe	57	53.525	ug/L	0.869	1	23749	102116	2	Standard
[	Mn	55	1.086	ug/L	0.010	0	924	53893	1	Standard
[>	Ge	72		ug/L			92215	89765	2	KED
[	Co	59	0.116	ug/L	0.005	3	5	627	5	KED
[	Ni	60	0.778	ug/L	0.023	2	37	1238	0	KED
[	Ni	62	0.783	ug/L	0.023	2	6	204	4	KED
[	Cu	63	1.880	ug/L	0.030	1	150	8659	2	KED
[	Cu	65	1.858	ug/L	0.047	2	82	4259	2	KED
[	Zn	66	28.291	ug/L	0.095	0	218	18275	2	KED
[	Zn	67	27.365	ug/L	0.616	2	32	2926	1	KED
[	As	75	1.414	ug/L	0.051	3	3	459	5	KED
[	Se	78	0.194	ug/L	0.074	38	14	21	11	KED
	Y	89		ug/L			716574	718650	0	Standard
	Kr	83		ug/L			281	279	2	Standard
[>	In-1	115		ug/L			26143	25358	0	KED
[	Mo	98	0.710	ug/L	0.026	3	7	1194	3	KED
[	Cd	111	0.023	ug/L	0.009	38	4	13	25	KED
[	Cd	114	0.017	ug/L	0.007	38	4	21	31	KED
[>	In	115		ug/L			1390988	1344846	1	Standard
[	Ag	107	0.001	ug/L	0.000	38	42	50	5	Standard
[	Sb	121	0.246	ug/L	0.004	1	401	5305	2	Standard
[	Sb	123	0.242	ug/L	0.005	2	306	4001	1	Standard
[	Ba	135	27.431	ug/L	0.549	2	72	193756	1	Standard
[	Ba	137	27.170	ug/L	0.482	1	142	339028	1	Standard
[>	Tb	159		ug/L			2935826	3004284	0	Standard
[	Tl	205	0.002	ug/L	0.000	5	144	365	3	Standard
[	Pb	208	0.089	ug/L	0.001	1	1069	12353	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:53:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1162200	3	Standard
[	**Be**	**9**	**0.022**	ug/L	0.003	14	4	154	9	Standard
	C	**13**		ug/L			26149	50168	0	Standard
	Cl	**37**		ug/L			7203780	8115611	1	Standard
[>	**Sc**	**45**		ug/L			1411304	1706713	1	Standard
[	**V**	**51**	**2.193**	ug/L	0.007	0	6817	89826	2	Standard
[	**V-1**	**51**	**3.493**	ug/L	0.011	0	591	132098	1	Standard
[	**Cr**	**52**	**0.075**	ug/L	0.018	23	20282	26926	0	Standard
[	**Cr**	**53**	**4.331**	ug/L	0.074	1	300	16561	0	Standard
[	**Fe**	**54**	**13.281**	ug/L	0.269	2	99061	168030	2	Standard
[	**Fe**	**57**	**54.242**	ug/L	0.703	1	23749	102659	2	Standard
[	**Mn**	**55**	**343.198**	ug/L	7.900	2	924	16608261	1	Standard
[>	**Ge**	**72**		ug/L			92215	92419	0	KED
[	**Co**	**59**	**0.443**	ug/L	0.020	4	5	2444	5	KED
[	**Ni**	**60**	**1.353**	ug/L	0.054	3	37	2192	3	KED
[	**Ni**	**62**	**1.343**	ug/L	0.020	1	6	356	1	KED
[	**Cu**	**63**	**2.845**	ug/L	0.024	0	150	13410	0	KED
[	**Cu**	**65**	**2.881**	ug/L	0.017	0	82	6755	0	KED
[	**Zn**	**66**	**11.035**	ug/L	0.101	0	218	7473	1	KED
[	**Zn**	**67**	**11.560**	ug/L	0.687	5	32	1292	6	KED
[	**As**	**75**	**0.318**	ug/L	0.016	5	3	108	4	KED
[	**Se**	**78**	**0.708**	ug/L	0.056	7	14	40	4	KED
	Y	**89**		ug/L			716574	741331	2	Standard
	Kr	**83**		ug/L			281	338	2	Standard
[>	**In-1**	**115**		ug/L			26143	26139	0	KED
[	**Mo**	**98**	**0.982**	ug/L	0.037	3	7	1700	3	KED
[	**Cd**	**111**	**5.054**	ug/L	0.028	0	4	1978	0	KED
[	**Cd**	**114**	**4.923**	ug/L	0.078	1	4	4985	1	KED
[>	**In**	**115**		ug/L			1390988	1424732	0	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.001	128	42	51	19	Standard
[	**Sb**	**121**	**0.104**	ug/L	0.004	3	401	2604	2	Standard
[	**Sb**	**123**	**0.101**	ug/L	0.007	7	306	1946	5	Standard
[	**Ba**	**135**	**14.914**	ug/L	0.342	2	72	111631	1	Standard
[	**Ba**	**137**	**14.574**	ug/L	0.336	2	142	192731	1	Standard
[>	**Tb**	**159**		ug/L			2935826	3073657	1	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.000	4	144	628	4	Standard
[	**Pb**	**208**	**0.003**	ug/L	0.001	19	1069	1561	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:58:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	1138567	0	Standard
	Be	9	0.017	ug/L	0.018	107	4	118	102	Standard
	C	13		ug/L			26149	132188	108	Standard
	Cl	37		ug/L			7203780	8925236	17	Standard
>	Sc	45		ug/L			1411304	1669878	2	Standard
	V	51	-0.962	ug/L	5.516	573	6817	-23716	831	Standard
	V-1	51	3.554	ug/L	0.063	1	591	131451	1	Standard
	Cr	52	0.111	ug/L	0.025	22	20282	27446	0	Standard
	Cr	53	14.596	ug/L	17.758	121	300	52723	119	Standard
	Fe	54	14.222	ug/L	0.945	6	99061	167675	0	Standard
	Fe	57	55.085	ug/L	1.501	2	23749	101532	0	Standard
	Mn	55	356.071	ug/L	7.918	2	924	16859641	2	Standard
>	Ge	72		ug/L			92215	94166	0	KED
	Co	59	0.458	ug/L	0.013	2	5	2573	3	KED
	Ni	60	1.349	ug/L	0.036	2	37	2228	2	KED
	Ni	62	1.342	ug/L	0.083	6	6	362	5	KED
	Cu	63	2.730	ug/L	0.045	1	150	13119	1	KED
	Cu	65	2.763	ug/L	0.027	0	82	6605	1	KED
	Zn	66	0.375	ug/L	0.053	14	218	474	7	KED
	Zn	67	1.356	ug/L	0.191	14	32	183	11	KED
	As	75	0.333	ug/L	0.022	6	3	115	7	KED
	Se	78	0.504	ug/L	0.183	36	14	33	20	KED
	Y	89		ug/L			716574	714829	1	Standard
	Kr	83		ug/L			281	377	20	Standard
>	In-1	115		ug/L			26143	26047	1	KED
	Mo	98	1.050	ug/L	0.045	4	7	1810	3	KED
	Cd	111	5.245	ug/L	0.102	1	4	2045	1	KED
	Cd	114	5.151	ug/L	0.180	3	4	5195	2	KED
>	In	115		ug/L			1390988	1372702	1	Standard
	Ag	107	0.004	ug/L	0.007	172	42	111	107	Standard
	Sb	121	0.086	ug/L	0.004	4	401	2151	4	Standard
	Sb	123	0.096	ug/L	0.007	6	306	1795	6	Standard
	Ba	135	15.415	ug/L	0.363	2	72	111168	2	Standard
	Ba	137	15.128	ug/L	0.396	2	142	192725	1	Standard
>	Tb	159		ug/L			2935826	2976520	2	Standard
	Tl	205	0.006	ug/L	0.001	20	144	733	13	Standard
	Pb	208	0.001	ug/L	0.003	220	1069	1226	23	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:02:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1116194	3	Standard
[	**Be**	**9**	**0.014**	ug/L	0.004	27	4	96	24	Standard
	C	**13**		ug/L			26149	56525	1	Standard
	Cl	**37**		ug/L			7203780	7177694	0	Standard
[>	**Sc**	**45**		ug/L			1411304	1705431	1	Standard
[	**V**	**51**	**4.632**	ug/L	0.127	2	6817	180382	1	Standard
[	**V-1**	**51**	**5.032**	ug/L	0.127	2	591	189827	0	Standard
[	**Cr**	**52**	**1.813**	ug/L	0.096	5	20282	82295	2	Standard
[	**Cr**	**53**	**3.200**	ug/L	0.091	2	300	12319	1	Standard
[	**Fe**	**54**	**166.846**	ug/L	5.517	3	99061	724845	1	Standard
[	**Fe**	**57**	**216.220**	ug/L	5.912	2	23749	323144	1	Standard
[	**Mn**	**55**	**234.304**	ug/L	6.484	2	924	11330238	1	Standard
[>	**Ge**	**72**		ug/L			92215	90778	0	KED
[	**Co**	**59**	**2.417**	ug/L	0.024	1	5	13072	0	KED
[	**Ni**	**60**	**9.131**	ug/L	0.173	1	37	14320	1	KED
[	**Ni**	**62**	**8.756**	ug/L	0.580	6	6	2245	5	KED
[	**Cu**	**63**	**14.911**	ug/L	0.217	1	150	68411	0	KED
[	**Cu**	**65**	**15.185**	ug/L	0.535	3	82	34624	2	KED
[	**Zn**	**66**	**2.502**	ug/L	0.090	3	218	1830	2	KED
[	**Zn**	**67**	**3.475**	ug/L	0.235	6	32	403	6	KED
[	**As**	**75**	**0.570**	ug/L	0.044	7	3	188	7	KED
[	**Se**	**78**	**0.721**	ug/L	0.162	22	14	40	13	KED
	Y	**89**		ug/L			716574	750384	2	Standard
	Kr	**83**		ug/L			281	299	8	Standard
[>	**In-1**	**115**		ug/L			26143	25139	0	KED
[	**Mo**	**98**	**3.403**	ug/L	0.077	2	7	5646	1	KED
[	**Cd**	**111**	**8.604**	ug/L	0.026	0	4	3236	0	KED
[	**Cd**	**114**	**8.377**	ug/L	0.101	1	4	8155	1	KED
[>	**In**	**115**		ug/L			1390988	1429045	1	Standard
[	**Ag**	**107**	**0.003**	ug/L	0.001	29	42	102	16	Standard
[	**Sb**	**121**	**0.206**	ug/L	0.008	4	401	4795	3	Standard
[	**Sb**	**123**	**0.212**	ug/L	0.006	2	306	3757	0	Standard
[	**Ba**	**135**	**15.090**	ug/L	0.731	4	72	113241	3	Standard
[	**Ba**	**137**	**14.692**	ug/L	0.555	3	142	194817	2	Standard
[>	**Tb**	**159**		ug/L			2935826	3006001	3	Standard
[	**Tl**	**205**	**0.013**	ug/L	0.000	2	144	1358	5	Standard
[	**Pb**	**208**	**0.025**	ug/L	0.001	4	1069	4282	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:07:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1141283	1	Standard
[	Be	9	0.015	ug/L	0.002	13	4	106	13	Standard
	C	13		ug/L			26149	50591	0	Standard
	Cl	37		ug/L			7203780	7263797	0	Standard
[>	Sc	45		ug/L			1411304	1673446	2	Standard
[	V	51	8.936	ug/L	0.168	1	6817	333918	0	Standard
[	V-1	51	9.470	ug/L	0.180	1	591	349906	0	Standard
[	Cr	52	0.823	ug/L	0.029	3	20282	49785	1	Standard
[	Cr	53	2.832	ug/L	0.084	2	300	10738	2	Standard
[	Fe	54	24.996	ug/L	0.845	3	99061	206407	0	Standard
[	Fe	57	46.883	ug/L	1.635	3	23749	90790	0	Standard
[	Mn	55	414.961	ug/L	12.316	2	924	19685845	0	Standard
[>	Ge	72		ug/L			92215	93432	0	KED
[	Co	59	2.197	ug/L	0.072	3	5	12229	2	KED
[	Ni	60	16.620	ug/L	0.087	0	37	26799	0	KED
[	Ni	62	16.242	ug/L	0.442	2	6	4282	1	KED
[	Cu	63	85.250	ug/L	1.856	2	150	401823	1	KED
[	Cu	65	86.410	ug/L	2.066	2	82	202400	1	KED
[	Zn	66	1.042	ug/L	0.059	5	218	913	3	KED
[	Zn	67	1.553	ug/L	0.153	9	32	203	7	KED
[	As	75	0.839	ug/L	0.016	1	3	284	2	KED
[	Se	78	0.291	ug/L	0.098	33	14	25	14	KED
	Y	89		ug/L			716574	754080	2	Standard
	Kr	83		ug/L			281	321	7	Standard
[>	In-1	115		ug/L			26143	25197	2	KED
[	Mo	98	1.618	ug/L	0.037	2	7	2693	0	KED
[	Cd	111	18.009	ug/L	0.392	2	4	6783	1	KED
[	Cd	114	18.141	ug/L	0.521	2	4	17688	0	KED
[>	In	115		ug/L			1390988	1413875	0	Standard
[	Ag	107	0.002	ug/L	0.000	20	42	79	9	Standard
[	Sb	121	0.276	ug/L	0.007	2	401	6208	2	Standard
[	Sb	123	0.278	ug/L	0.008	3	306	4773	2	Standard
[	Ba	135	6.679	ug/L	0.097	1	72	49654	0	Standard
[	Ba	137	6.581	ug/L	0.121	1	142	86439	1	Standard
[>	Tb	159		ug/L			2935826	3015811	0	Standard
[	Tl	205	0.006	ug/L	0.000	3	144	713	2	Standard
[	Pb	208	-0.002	ug/L	0.000	12	1069	896	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:12:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1105550	8	Standard
[	Be	9	0.016	ug/L	0.004	26	4	107	16	Standard
	C	13		ug/L			26149	53707	0	Standard
	Cl	37		ug/L			7203780	7077966	3	Standard
[>	Sc	45		ug/L			1411304	1605059	8	Standard
[	V	51	9.700	ug/L	0.597	6	6817	345919	2	Standard
[	V-1	51	10.248	ug/L	0.622	6	591	361982	2	Standard
[	Cr	52	0.879	ug/L	0.104	11	20282	49269	2	Standard
[	Cr	53	2.957	ug/L	0.201	6	300	10704	2	Standard
[	Fe	54	29.876	ug/L	5.967	19	99061	213528	1	Standard
[	Fe	57	51.537	ug/L	4.888	9	23749	92720	2	Standard
[	Mn	55	455.952	ug/L	26.112	5	924	20688569	3	Standard
[>	Ge	72		ug/L			92215	93404	0	KED
[	Co	59	2.259	ug/L	0.003	0	5	12569	0	KED
[	Ni	60	17.458	ug/L	0.135	0	37	28140	0	KED
[	Ni	62	17.303	ug/L	0.306	1	6	4561	1	KED
[	Cu	63	88.979	ug/L	0.709	0	150	419310	0	KED
[	Cu	65	90.084	ug/L	1.087	1	82	210965	1	KED
[	Zn	66	1.162	ug/L	0.052	4	218	993	3	KED
[	Zn	67	1.783	ug/L	0.167	9	32	229	8	KED
[	As	75	0.855	ug/L	0.033	3	3	290	3	KED
[	Se	78	0.341	ug/L	0.109	32	14	27	14	KED
	Y	89		ug/L			716574	714407	10	Standard
	Kr	83		ug/L			281	310	5	Standard
[>	In-1	115		ug/L			26143	25922	1	KED
[	Mo	98	1.636	ug/L	0.012	0	7	2803	2	KED
[	Cd	111	18.440	ug/L	0.341	1	4	7147	1	KED
[	Cd	114	18.555	ug/L	0.158	0	4	18620	1	KED
[>	In	115		ug/L			1390988	1357249	10	Standard
[	Ag	107	0.002	ug/L	0.001	44	42	76	13	Standard
[	Sb	121	0.290	ug/L	0.025	8	401	6214	4	Standard
[	Sb	123	0.297	ug/L	0.032	10	306	4845	0	Standard
[	Ba	135	7.380	ug/L	0.694	9	72	52330	1	Standard
[	Ba	137	7.231	ug/L	0.658	9	142	90613	1	Standard
[>	Tb	159		ug/L			2935826	2854363	8	Standard
[	Tl	205	0.007	ug/L	0.001	12	144	807	2	Standard
[	Pb	208	0.001	ug/L	0.001	94	1069	1135	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:17:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	1127955	1	Standard
	Be	9	24.662	ug/L	0.454	1	4	167227	2	Standard
	C	13		ug/L			26149	51059	1	Standard
	Cl	37		ug/L			7203780	7209917	1	Standard
>	Sc	45		ug/L			1411304	1708831	1	Standard
	V	51	30.618	ug/L	0.298	0	6817	1148572	0	Standard
	V-1	51	30.965	ug/L	0.221	0	591	1166954	0	Standard
	Cr	52	22.561	ug/L	0.107	0	20282	745411	1	Standard
	Cr	53	23.963	ug/L	0.323	1	300	90110	2	Standard
	Fe	54	4541.054	ug/L	31.087	0	99061	16628722	1	Standard
	Fe	57	4763.367	ug/L	28.656	0	23749	6529539	0	Standard
	Mn	55	435.115	ug/L	3.255	0	924	21087475	1	Standard
>	Ge	72		ug/L			92215	93570	0	KED
	Co	59	27.752	ug/L	0.365	1	5	154660	0	KED
	Ni	60	41.492	ug/L	0.800	1	37	66943	1	KED
	Ni	62	40.816	ug/L	0.549	1	6	10769	1	KED
	Cu	63	108.366	ug/L	1.991	1	150	511483	0	KED
	Cu	65	110.185	ug/L	0.821	0	82	258470	0	KED
	Zn	66	78.934	ug/L	1.198	1	218	52751	1	KED
	Zn	67	75.258	ug/L	1.325	1	32	8333	1	KED
	As	75	25.912	ug/L	0.245	0	3	8712	1	KED
	Se	78	77.696	ug/L	2.068	2	14	2918	2	KED
	Y	89		ug/L			716574	749342	3	Standard
	Kr	83		ug/L			281	343	6	Standard
>	In-1	115		ug/L			26143	26291	1	KED
	Mo	98	1.510	ug/L	0.058	3	7	2622	2	KED
	Cd	111	42.170	ug/L	0.575	1	4	16571	0	KED
	Cd	114	41.623	ug/L	0.740	1	4	42352	0	KED
>	In	115		ug/L			1390988	1454820	1	Standard
	Ag	107	23.452	ug/L	0.657	2	42	409107	1	Standard
	Sb	121	0.276	ug/L	0.004	1	401	6386	2	Standard
	Sb	123	0.285	ug/L	0.012	4	306	5030	2	Standard
	Ba	135	31.263	ug/L	0.297	0	72	238897	1	Standard
	Ba	137	30.466	ug/L	0.302	0	142	411250	1	Standard
>	Tb	159		ug/L			2935826	3041738	1	Standard
	Tl	205	25.456	ug/L	0.130	0	144	2491936	1	Standard
	Pb	208	22.500	ug/L	0.133	0	1069	2882794	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:23:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1097714	1	Standard
[	Be	9	24.952	ug/L	0.353	1	4	164639	1	Standard
	C	13		ug/L			26149	51118	1	Standard
	Cl	37		ug/L			7203780	7242669	1	Standard
[>	Sc	45		ug/L			1411304	1693273	2	Standard
[	V	51	30.838	ug/L	0.564	1	6817	1146004	0	Standard
[	V-1	51	31.178	ug/L	0.558	1	591	1164089	1	Standard
[	Cr	52	22.660	ug/L	0.544	2	20282	741552	0	Standard
[	Cr	53	24.049	ug/L	0.442	1	300	89578	1	Standard
[	Fe	54	4584.121	ug/L	76.861	1	99061	16628291	0	Standard
[	Fe	57	4735.691	ug/L	88.880	1	23749	6431287	0	Standard
[	Mn	55	429.392	ug/L	7.291	1	924	20617373	1	Standard
[>	Ge	72		ug/L			92215	94199	0	KED
[	Co	59	27.444	ug/L	0.204	0	5	153990	1	KED
[	Ni	60	40.506	ug/L	0.200	0	37	65793	0	KED
[	Ni	62	41.511	ug/L	0.481	1	6	11026	0	KED
[	Cu	63	108.346	ug/L	0.455	0	150	514886	0	KED
[	Cu	65	110.101	ug/L	1.149	1	82	260036	1	KED
[	Zn	66	78.086	ug/L	0.377	0	218	52543	1	KED
[	Zn	67	74.338	ug/L	1.706	2	32	8288	2	KED
[	As	75	25.685	ug/L	0.220	0	3	8694	1	KED
[	Se	78	76.909	ug/L	1.334	1	14	2908	2	KED
	Y	89		ug/L			716574	756365	2	Standard
	Kr	83		ug/L			281	338	4	Standard
[>	In-1	115		ug/L			26143	26258	1	KED
[	Mo	98	1.503	ug/L	0.034	2	7	2608	1	KED
[	Cd	111	42.228	ug/L	0.659	1	4	16574	1	KED
[	Cd	114	42.037	ug/L	0.602	1	4	42725	1	KED
[>	In	115		ug/L			1390988	1439719	1	Standard
[	Ag	107	24.159	ug/L	0.237	0	42	417134	1	Standard
[	Sb	121	0.299	ug/L	0.002	0	401	6818	1	Standard
[	Sb	123	0.311	ug/L	0.014	4	306	5408	4	Standard
[	Ba	135	31.137	ug/L	0.467	1	72	235430	0	Standard
[	Ba	137	30.603	ug/L	0.342	1	142	408827	1	Standard
[>	Tb	159		ug/L			2935826	3041130	0	Standard
[	Tl	205	24.994	ug/L	0.286	1	144	2446065	0	Standard
[	Pb	208	22.339	ug/L	0.233	1	1069	2861686	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:31:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1179121	4	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	44	4	2	43	Standard
	C	**13**		ug/L			26149	25381	3	Standard
	Cl	**37**		ug/L			7203780	6543681	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1501899	0	Standard
⌈	**V**	**51**	**0.009**	ug/L	0.001	15	6817	7555	0	Standard
⌊	**V-1**	**51**	**0.011**	ug/L	0.001	6	591	1004	2	Standard
⌈	**Cr**	**52**	**0.023**	ug/L	0.011	49	20282	22234	1	Standard
⌊	**Cr**	**53**	**0.030**	ug/L	0.006	21	300	417	5	Standard
⌈	**Fe**	**54**	**-1.446**	ug/L	0.459	31	99061	100800	1	Standard
⌊	**Fe**	**57**	**0.441**	ug/L	0.298	67	23749	25802	1	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	68	924	943	3	Standard
⌈>	**Ge**	**72**		ug/L			92215	94489	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	39	5	2	43	KED
⌊	**Ni**	**60**	**-0.006**	ug/L	0.008	124	37	28	43	KED
⌈	**Ni**	**62**	**0.007**	ug/L	0.011	168	6	8	35	KED
⌊	**Cu**	**63**	**-0.016**	ug/L	0.003	15	150	76	15	KED
⌈	**Cu**	**65**	**-0.019**	ug/L	0.002	12	82	40	14	KED
⌊	**Zn**	**66**	**-0.166**	ug/L	0.006	3	218	112	4	KED
⌈	**Zn**	**67**	**-0.127**	ug/L	0.035	27	32	19	20	KED
⌊	**As**	**75**	**-0.000**	ug/L	0.002	1040	3	3	24	KED
⌊	**Se**	**78**	**-0.052**	ug/L	0.120	229	14	13	34	KED
	Y	**89**		ug/L			716574	728553	1	Standard
	Kr	**83**		ug/L			281	293	7	Standard
⌈>	**In-1**	**115**		ug/L			26143	26856	0	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.001	29	7	4	25	KED
⌊	**Cd**	**111**	**-0.005**	ug/L	0.001	26	4	2	21	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	70	4	1	205	KED
⌈>	**In**	**115**		ug/L			1390988	1433723	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	42	42	70	16	Standard
⌊	**Sb**	**121**	**-0.016**	ug/L	0.000	2	401	73	11	Standard
⌈	**Sb**	**123**	**-0.015**	ug/L	0.000	2	306	69	9	Standard
⌊	**Ba**	**135**	**-0.005**	ug/L	0.001	18	72	36	18	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.000	4	142	61	6	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2973842	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	27	144	126	3	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	8	1069	694	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:36:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1117668	0	Standard
⌊	**Be**	**9**	**50.975**	ug/L	0.890	1	4	342485	1	Standard
	C	**13**		ug/L			26149	25384	1	Standard
	Cl	**37**		ug/L			7203780	7465839	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1471855	0	Standard
⌈	**V**	**51**	**49.396**	ug/L	1.104	2	6817	1591719	2	Standard
⌊	**V-1**	**51**	**49.304**	ug/L	1.183	2	591	1600070	2	Standard
⌈	**Cr**	**52**	**50.063**	ug/L	0.965	1	20282	1398929	1	Standard
⌊	**Cr**	**53**	**49.742**	ug/L	1.255	2	300	160749	2	Standard
⌈	**Fe**	**54**	**5229.213**	ug/L	85.382	1	99061	16477351	1	Standard
⌊	**Fe**	**57**	**5398.827**	ug/L	130.915	2	23749	6371135	2	Standard
⌊	**Mn**	**55**	**53.547**	ug/L	1.276	2	924	2236082	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	96641	0	KED
⌈	**Co**	**59**	**49.235**	ug/L	0.334	0	5	283404	0	KED
⌊	**Ni**	**60**	**49.513**	ug/L	0.549	1	37	82498	0	KED
⌈	**Ni**	**62**	**49.683**	ug/L	0.283	0	6	13538	0	KED
⌈	**Cu**	**63**	**49.393**	ug/L	0.400	0	150	240907	1	KED
⌊	**Cu**	**65**	**50.130**	ug/L	0.594	1	82	121511	1	KED
⌈	**Zn**	**66**	**51.205**	ug/L	0.224	0	218	35426	0	KED
⌊	**Zn**	**67**	**50.319**	ug/L	0.945	1	32	5766	2	KED
⌈	**As**	**75**	**49.510**	ug/L	0.663	1	3	17189	0	KED
⌊	**Se**	**78**	**49.493**	ug/L	0.514	1	14	1925	1	KED
	Y	**89**		ug/L			716574	732532	2	Standard
	Kr	**83**		ug/L			281	299	5	Standard
⌈>	**In-1**	**115**		ug/L			26143	26557	0	KED
⌈	**Mo**	**98**	**48.936**	ug/L	0.111	0	7	85678	0	KED
⌈	**Cd**	**111**	**49.339**	ug/L	0.395	0	4	19586	0	KED
⌊	**Cd**	**114**	**49.756**	ug/L	0.875	1	4	51145	1	KED
⌈>	**In**	**115**		ug/L			1390988	1442491	1	Standard
⌈	**Ag**	**107**	**49.051**	ug/L	0.797	1	42	848373	0	Standard
⌈	**Sb**	**121**	**49.862**	ug/L	0.661	1	401	1070066	3	Standard
⌊	**Sb**	**123**	**51.012**	ug/L	0.622	1	306	836891	2	Standard
⌈	**Ba**	**135**	**48.420**	ug/L	0.482	0	72	366822	2	Standard
⌊	**Ba**	**137**	**47.182**	ug/L	0.682	1	142	631451	2	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3026776	1	Standard
⌈	**Tl**	**205**	**50.745**	ug/L	0.321	0	144	4942582	1	Standard
⌊	**Pb**	**208**	**49.167**	ug/L	0.888	1	1069	6266250	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:43:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1155580	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	58	4	6	17	Standard
	C	**13**		ug/L			26149	26300	1	Standard
	Cl	**37**		ug/L			7203780	7015496	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1471833	1	Standard
⌈	**V**	**51**	**0.006**	ug/L	0.005	79	6817	7310	1	Standard
⌊	**V-1**	**51**	**0.005**	ug/L	0.001	15	591	767	1	Standard
⌈	**Cr**	**52**	**0.014**	ug/L	0.011	81	20282	21535	1	Standard
⌊	**Cr**	**53**	**0.008**	ug/L	0.003	41	300	340	4	Standard
⌈	**Fe**	**54**	**-0.317**	ug/L	0.973	306	99061	102286	1	Standard
⌊	**Fe**	**57**	**4.666**	ug/L	0.426	9	23749	30252	2	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	77	924	1015	4	Standard
⌈>	**Ge**	**72**		ug/L			92215	94867	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	112	5	3	69	KED
⌊	**Ni**	**60**	**0.001**	ug/L	0.007	550	37	40	28	KED
⌈	**Ni**	**62**	**0.004**	ug/L	0.015	347	6	7	50	KED
⌈	**Cu**	**63**	**0.004**	ug/L	0.002	51	150	173	7	KED
⌊	**Cu**	**65**	**-0.003**	ug/L	0.006	172	82	76	16	KED
⌈	**Zn**	**66**	**0.004**	ug/L	0.033	741	218	227	11	KED
⌊	**Zn**	**67**	**0.048**	ug/L	0.022	44	32	38	7	KED
⌈	**As**	**75**	**0.004**	ug/L	0.005	101	3	4	31	KED
⌊	**Se**	**78**	**-0.016**	ug/L	0.003	21	14	14	1	KED
	Y	**89**		ug/L			716574	722944	1	Standard
	Kr	**83**		ug/L			281	309	9	Standard
⌈>	**In-1**	**115**		ug/L			26143	26658	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.004	83	7	15	42	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.004	173	4	5	26	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.005	202	4	6	72	KED
⌈>	**In**	**115**		ug/L			1390988	1433183	2	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	63	42	69	22	Standard
⌈	**Sb**	**121**	**0.039**	ug/L	0.002	5	401	1248	6	Standard
⌊	**Sb**	**123**	**0.039**	ug/L	0.001	3	306	952	4	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.002	199	72	81	18	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	297	142	149	7	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3012324	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	34	144	242	12	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	13	1069	1210	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0137-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:48:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1109251	2	Standard
⌊	**Be**	**9**	**0.003**	ug/L	0.001	39	4	22	30	Standard
	C	**13**		ug/L			26149	54889	1	Standard
	Cl	**37**		ug/L			7203780	7398531	1	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1524051	0	Standard
⌈	**V**	**51**	**0.850**	ug/L	0.014	1	6817	35589	1	Standard
⌊	**V-1**	**51**	**0.933**	ug/L	0.013	1	591	31975	1	Standard
⌈	**Cr**	**52**	**0.539**	ug/L	0.008	1	20282	37259	0	Standard
⌊	**Cr**	**53**	**0.817**	ug/L	0.008	0	300	3054	0	Standard
⌈	**Fe**	**54**	**1423.990**	ug/L	10.669	0	99061	4724031	1	Standard
⌊	**Fe**	**57**	**1404.595**	ug/L	11.416	0	23749	1735355	0	Standard
	Mn	**55**	**431.378**	ug/L	6.514	1	924	18646282	1	Standard
⌈>	**Ge**	**72**		ug/L			92215	93309	1	KED
⌈	**Co**	**59**	**0.498**	ug/L	0.019	3	5	2772	2	KED
⌊	**Ni**	**60**	**0.961**	ug/L	0.016	1	37	1583	0	KED
⌈	**Ni**	**62**	**0.925**	ug/L	0.105	11	6	249	10	KED
⌈	**Cu**	**63**	**5.631**	ug/L	0.019	0	150	26652	0	KED
⌊	**Cu**	**65**	**5.702**	ug/L	0.038	0	82	13417	0	KED
⌈	**Zn**	**66**	**32.463**	ug/L	0.549	1	218	21763	1	KED
⌊	**Zn**	**67**	**32.099**	ug/L	0.148	0	32	3563	0	KED
⌈	**As**	**75**	**1.562**	ug/L	0.032	2	3	526	1	KED
⌊	**Se**	**78**	**0.163**	ug/L	0.086	52	14	20	14	KED
	Y	**89**		ug/L			716574	727160	0	Standard
	Kr	**83**		ug/L			281	308	4	Standard
⌈>	**In-1**	**115**		ug/L			26143	25814	1	KED
⌈	**Mo**	**98**	**0.802**	ug/L	0.024	3	7	1372	1	KED
⌈	**Cd**	**111**	**0.172**	ug/L	0.014	8	4	70	7	KED
⌊	**Cd**	**114**	**0.166**	ug/L	0.013	7	4	169	6	KED
⌈>	**In**	**115**		ug/L			1390988	1418653	1	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.001	38	42	105	23	Standard
⌈	**Sb**	**121**	**1.875**	ug/L	0.048	2	401	39960	1	Standard
⌊	**Sb**	**123**	**1.922**	ug/L	0.028	1	306	31310	0	Standard
⌈	**Ba**	**135**	**26.209**	ug/L	0.176	0	72	195300	1	Standard
⌊	**Ba**	**137**	**25.695**	ug/L	0.453	1	142	338236	1	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2989952	2	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	24	144	332	12	Standard
⌊	**Pb**	**208**	**0.105**	ug/L	0.002	2	1069	14341	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0137-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:53:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1125871	1	Standard
[	**Be**	**9**	**0.003**	ug/L	0.002	63	4	27	52	Standard
	C	**13**		ug/L			26149	53174	1	Standard
	Cl	**37**		ug/L			7203780	7377814	0	Standard
[>	**Sc**	**45**		ug/L			1411304	1524947	0	Standard
[	**V**	**51**	**0.813**	ug/L	0.028	3	6817	34368	1	Standard
[	**V-1**	**51**	**0.895**	ug/L	0.015	1	591	30705	1	Standard
[	**Cr**	**52**	**0.561**	ug/L	0.030	5	20282	37914	1	Standard
[	**Cr**	**53**	**0.834**	ug/L	0.025	2	300	3113	3	Standard
[	**Fe**	**54**	**1346.169**	ug/L	21.398	1	99061	4474325	1	Standard
[	**Fe**	**57**	**1309.736**	ug/L	14.485	1	23749	1620756	0	Standard
[	**Mn**	**55**	**421.857**	ug/L	3.251	0	924	18244776	1	Standard
[>	**Ge**	**72**		ug/L			92215	92531	1	KED
[	**Co**	**59**	**0.503**	ug/L	0.009	1	5	2776	2	KED
[	**Ni**	**60**	**0.940**	ug/L	0.016	1	37	1536	2	KED
[	**Ni**	**62**	**0.948**	ug/L	0.074	7	6	253	6	KED
[	**Cu**	**63**	**5.395**	ug/L	0.050	0	150	25329	2	KED
[	**Cu**	**65**	**5.465**	ug/L	0.028	0	82	12758	1	KED
[	**Zn**	**66**	**31.526**	ug/L	0.471	1	218	20965	0	KED
[	**Zn**	**67**	**31.617**	ug/L	0.923	2	32	3482	4	KED
[	**As**	**75**	**1.482**	ug/L	0.023	1	3	495	2	KED
[	**Se**	**78**	**0.051**	ug/L	0.082	160	14	16	18	KED
	Y	**89**		ug/L			716574	739999	2	Standard
	Kr	**83**		ug/L			281	321	6	Standard
[>	**In-1**	**115**		ug/L			26143	25577	0	KED
[	**Mo**	**98**	**0.823**	ug/L	0.023	2	7	1395	3	KED
[	**Cd**	**111**	**0.161**	ug/L	0.013	7	4	66	7	KED
[	**Cd**	**114**	**0.162**	ug/L	0.018	11	4	165	11	KED
[>	**In**	**115**		ug/L			1390988	1450752	2	Standard
[	**Ag**	**107**	**0.003**	ug/L	0.001	26	42	102	13	Standard
[	**Sb**	**121**	**1.809**	ug/L	0.051	2	401	39430	1	Standard
[	**Sb**	**123**	**1.828**	ug/L	0.014	0	306	30464	1	Standard
[	**Ba**	**135**	**24.963**	ug/L	0.484	1	72	190188	2	Standard
[	**Ba**	**137**	**24.555**	ug/L	0.384	1	142	330498	1	Standard
[>	**Tb**	**159**		ug/L			2935826	3042375	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	21	144	294	10	Standard
[	**Pb**	**208**	**0.086**	ug/L	0.002	2	1069	12087	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0137-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:58:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1127686	3	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	64	4	20	53	Standard
	C	**13**		ug/L			26149	58205	0	Standard
	Cl	**37**		ug/L			7203780	7461040	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1519500	1	Standard
⌈	**V**	**51**	**0.505**	ug/L	0.008	1	6817	24057	2	Standard
⌊	**V-1**	**51**	**0.581**	ug/L	0.006	1	591	20080	0	Standard
⌈	**Cr**	**52**	**0.422**	ug/L	0.030	7	20282	33820	3	Standard
⌊	**Cr**	**53**	**0.669**	ug/L	0.016	2	300	2549	0	Standard
⌈	**Fe**	**54**	**968.085**	ug/L	17.578	1	99061	3235716	1	Standard
⌊	**Fe**	**57**	**947.825**	ug/L	7.131	0	23749	1175782	1	Standard
	Mn	**55**	**390.048**	ug/L	6.696	1	924	16806341	0	Standard
⌈>	**Ge**	**72**		ug/L			92215	93041	1	KED
⌈	**Co**	**59**	**0.508**	ug/L	0.014	2	5	2819	3	KED
⌊	**Ni**	**60**	**0.900**	ug/L	0.016	1	37	1480	2	KED
⌈	**Ni**	**62**	**0.850**	ug/L	0.040	4	6	229	3	KED
⌈	**Cu**	**63**	**4.515**	ug/L	0.013	0	150	21341	1	KED
⌊	**Cu**	**65**	**4.626**	ug/L	0.083	1	82	10869	1	KED
⌈	**Zn**	**66**	**19.991**	ug/L	0.062	0	218	13450	1	KED
⌊	**Zn**	**67**	**19.862**	ug/L	0.809	4	32	2210	3	KED
⌈	**As**	**75**	**1.052**	ug/L	0.054	5	3	354	5	KED
⌊	**Se**	**78**	**0.111**	ug/L	0.061	54	14	18	11	KED
	Y	**89**		ug/L			716574	730145	0	Standard
	Kr	**83**		ug/L			281	339	7	Standard
⌈>	**In-1**	**115**		ug/L			26143	25011	6	KED
⌈	**Mo**	**98**	**0.512**	ug/L	0.026	5	7	849	3	KED
⌈	**Cd**	**111**	**0.122**	ug/L	0.010	8	4	49	1	KED
⌊	**Cd**	**114**	**0.151**	ug/L	0.025	16	4	149	8	KED
⌈>	**In**	**115**		ug/L			1390988	1464986	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	31	42	80	13	Standard
⌈	**Sb**	**121**	**1.372**	ug/L	0.041	3	401	30317	2	Standard
⌊	**Sb**	**123**	**1.394**	ug/L	0.032	2	306	23540	2	Standard
⌈	**Ba**	**135**	**17.708**	ug/L	0.265	1	72	136290	1	Standard
⌊	**Ba**	**137**	**17.365**	ug/L	0.357	2	142	236121	2	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3059400	2	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	9	144	419	5	Standard
⌊	**Pb**	**208**	**0.060**	ug/L	0.002	3	1069	8844	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0137-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:03:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1166931	1	Standard
	Be	**9**	**0.003**	ug/L	0.001	21	4	26	18	Standard
	C	**13**		ug/L			26149	56999	1	Standard
	Cl	**37**		ug/L			7203780	7593627	0	Standard
>	**Sc**	**45**		ug/L			1411304	1559996	0	Standard
	V	**51**	**0.827**	ug/L	0.012	1	6817	35650	0	Standard
	V-1	**51**	**0.894**	ug/L	0.011	1	591	31381	0	Standard
	Cr	**52**	**0.520**	ug/L	0.014	2	20282	37587	0	Standard
	Cr	**53**	**0.746**	ug/L	0.014	1	300	2882	1	Standard
	Fe	**54**	**1413.065**	ug/L	1.520	0	99061	4799121	0	Standard
	Fe	**57**	**1392.743**	ug/L	4.819	0	23749	1761482	0	Standard
	Mn	**55**	**427.016**	ug/L	2.618	0	924	18892399	0	Standard
>	**Ge**	**72**		ug/L			92215	93374	0	KED
	Co	**59**	**0.495**	ug/L	0.013	2	5	2758	2	KED
	Ni	**60**	**0.942**	ug/L	0.029	3	37	1553	3	KED
	Ni	**62**	**1.001**	ug/L	0.097	9	6	269	8	KED
	Cu	**63**	**5.665**	ug/L	0.062	1	150	26830	0	KED
	Cu	**65**	**5.718**	ug/L	0.103	1	82	13462	1	KED
	Zn	**66**	**31.862**	ug/L	0.523	1	218	21382	1	KED
	Zn	**67**	**31.343**	ug/L	1.091	3	32	3482	3	KED
	As	**75**	**1.479**	ug/L	0.065	4	3	499	4	KED
	Se	**78**	**0.069**	ug/L	0.050	73	14	17	10	KED
	Y	**89**		ug/L			716574	740993	1	Standard
	Kr	**83**		ug/L			281	313	12	Standard
>	**In-1**	**115**		ug/L			26143	25970	0	KED
	Mo	**98**	**0.824**	ug/L	0.013	1	7	1417	2	KED
	Cd	**111**	**0.160**	ug/L	0.017	10	4	66	9	KED
	Cd	**114**	**0.165**	ug/L	0.013	7	4	170	8	KED
>	**In**	**115**		ug/L			1390988	1493327	3	Standard
	Ag	**107**	**0.003**	ug/L	0.000	8	42	100	4	Standard
	Sb	**121**	**1.811**	ug/L	0.032	1	401	40633	1	Standard
	Sb	**123**	**1.869**	ug/L	0.060	3	306	32037	0	Standard
	Ba	**135**	**24.879**	ug/L	0.799	3	72	195031	1	Standard
	Ba	**137**	**24.122**	ug/L	0.583	2	142	334120	1	Standard
>	**Tb**	**159**		ug/L			2935826	3069532	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	13	144	325	8	Standard
	Pb	**208**	**0.099**	ug/L	0.001	1	1069	13907	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0267-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:09:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1113853	979264	4	Standard
⌊	Be	9	0.000	ug/L	0.001	126	4	6	45	Standard
	C	13		ug/L			26149	550412	1	Standard
	Cl	37		ug/L			7203780	7038096	0	Standard
⌈>	Sc	45		ug/L			1411304	1309173	1	Standard
⌈	V	51	0.532	ug/L	0.022	4	6817	21512	2	Standard
⌊	V-1	51	0.321	ug/L	0.004	1	591	9803	0	Standard
⌈	Cr	52	8.001	ug/L	0.115	1	20282	214659	1	Standard
⌊	Cr	53	7.053	ug/L	0.167	2	300	20511	2	Standard
⌈	Fe	54	1087.300	ug/L	6.548	0	99061	3120019	0	Standard
⌊	Fe	57	1514.429	ug/L	28.506	1	23749	1605258	0	Standard
	Mn	55	28.162	ug/L	0.474	1	924	1046284	0	Standard
⌈>	Ge	72		ug/L			92215	78781	1	KED
⌈	Co	59	0.454	ug/L	0.011	2	5	2136	1	KED
⌊	Ni	60	14.709	ug/L	0.360	2	37	19998	1	KED
⌈	Ni	62	13.993	ug/L	0.280	1	6	3112	3	KED
⌊	Cu	63	4.456	ug/L	0.019	0	150	17833	0	KED
⌈	Cu	65	4.537	ug/L	0.069	1	82	9027	0	KED
⌊	Zn	66	11.120	ug/L	0.273	2	218	6416	1	KED
⌈	Zn	67	13.323	ug/L	0.505	3	32	1264	2	KED
⌊	As	75	0.224	ug/L	0.017	7	3	66	7	KED
	Se	78	0.123	ug/L	0.065	53	14	16	13	KED
	Y	89		ug/L			716574	641457	0	Standard
	Kr	83		ug/L			281	280	3	Standard
⌈>	In-1	115		ug/L			26143	22604	1	KED
⌈	Mo	98	2.492	ug/L	0.070	2	7	3719	1	KED
⌊	Cd	111	0.246	ug/L	0.007	2	4	86	3	KED
	Cd	114	0.223	ug/L	0.003	1	4	199	1	KED
⌈>	In	115		ug/L			1390988	1388877	2	Standard
⌈	Ag	107	0.003	ug/L	0.001	19	42	92	11	Standard
⌊	Sb	121	0.614	ug/L	0.010	1	401	13072	1	Standard
⌈	Sb	123	0.628	ug/L	0.007	1	306	10218	2	Standard
⌊	Ba	135	52.988	ug/L	1.274	2	72	386366	1	Standard
	Ba	137	51.849	ug/L	1.002	1	142	667922	0	Standard
⌈>	Tb	159		ug/L			2935826	2800949	0	Standard
⌈	Tl	205	-0.000	ug/L	0.000	71	144	106	21	Standard
⌊	Pb	208	0.067	ug/L	0.002	2	1069	8914	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:15:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1046533	1	Standard
[	Be	9	0.002	ug/L	0.001	50	4	17	40	Standard
	C	13		ug/L			26149	42305	1	Standard
	Cl	37		ug/L			7203780	6880060	1	Standard
[>	Sc	45		ug/L			1411304	1466388	1	Standard
[	V	51	0.381	ug/L	0.002	0	6817	19269	1	Standard
[	V-1	51	0.424	ug/L	0.004	0	591	14332	0	Standard
[	Cr	52	0.104	ug/L	0.007	7	20282	23930	1	Standard
[	Cr	53	0.253	ug/L	0.024	9	300	1125	5	Standard
[	Fe	54	10.584	ug/L	0.368	3	99061	135935	1	Standard
[	Fe	57	111.221	ug/L	1.840	1	23749	154946	2	Standard
[	Mn	55	38.105	ug/L	0.789	2	924	1585727	3	Standard
[>	Ge	72		ug/L			92215	83499	0	KED
[	Co	59	0.219	ug/L	0.005	2	5	1093	2	KED
[	Ni	60	0.118	ug/L	0.004	3	37	203	3	KED
[	Ni	62	0.113	ug/L	0.022	19	6	32	15	KED
[	Cu	63	0.205	ug/L	0.017	8	150	997	7	KED
[	Cu	65	0.208	ug/L	0.016	7	82	509	5	KED
[	Zn	66	0.499	ug/L	0.064	12	218	493	8	KED
[	Zn	67	1.418	ug/L	0.106	7	32	168	5	KED
[	As	75	0.068	ug/L	0.014	21	3	23	18	KED
[	Se	78	0.072	ug/L	0.058	80	14	15	12	KED
	Y	89		ug/L			716574	691026	0	Standard
	Kr	83		ug/L			281	252	14	Standard
[>	In-1	115		ug/L			26143	22711	1	KED
[	Mo	98	0.735	ug/L	0.021	2	7	1106	1	KED
[	Cd	111	0.094	ug/L	0.002	1	4	35	3	KED
[	Cd	114	0.097	ug/L	0.009	9	4	88	7	KED
[>	In	115		ug/L			1390988	1462390	2	Standard
[	Ag	107	0.002	ug/L	0.001	35	42	81	14	Standard
[	Sb	121	0.047	ug/L	0.004	8	401	1443	5	Standard
[	Sb	123	0.050	ug/L	0.003	5	306	1150	3	Standard
[	Ba	135	18.289	ug/L	0.282	1	72	140492	2	Standard
[	Ba	137	17.647	ug/L	0.208	1	142	239486	1	Standard
[>	Tb	159		ug/L			2935826	2851708	1	Standard
[	Tl	205	-0.000	ug/L	0.000	164	144	133	7	Standard
[	Pb	208	-0.002	ug/L	0.001	30	1069	815	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:20:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	997180	2	Standard
[	Be	9	0.003	ug/L	0.000	15	4	20	15	Standard
	C	13		ug/L			26149	39613	1	Standard
	Cl	37		ug/L			7203780	6778343	1	Standard
[>	Sc	45		ug/L			1411304	1412011	2	Standard
[	V	51	0.405	ug/L	0.013	3	6817	19289	0	Standard
[	V-1	51	0.442	ug/L	0.012	2	591	14355	0	Standard
[	Cr	52	0.258	ug/L	0.012	4	20282	27086	1	Standard
[	Cr	53	0.382	ug/L	0.009	2	300	1482	0	Standard
[	Fe	54	13.128	ug/L	1.800	13	99061	138448	1	Standard
[	Fe	57	118.780	ug/L	3.980	3	23749	157633	0	Standard
[	Mn	55	40.899	ug/L	0.921	2	924	1638170	1	Standard
[>	Ge	72		ug/L			92215	82467	1	KED
[	Co	59	0.230	ug/L	0.014	6	5	1134	5	KED
[	Ni	60	0.117	ug/L	0.012	9	37	200	9	KED
[	Ni	62	0.117	ug/L	0.054	45	6	33	39	KED
[	Cu	63	0.210	ug/L	0.013	6	150	1008	5	KED
[	Cu	65	0.214	ug/L	0.007	3	82	515	2	KED
[	Zn	66	0.580	ug/L	0.016	2	218	535	3	KED
[	Zn	67	1.447	ug/L	0.209	14	32	169	10	KED
[	As	75	0.075	ug/L	0.015	20	3	24	19	KED
[	Se	78	0.028	ug/L	0.046	163	14	14	11	KED
	Y	89		ug/L			716574	667804	1	Standard
	Kr	83		ug/L			281	281	3	Standard
[>	In-1	115		ug/L			26143	22786	1	KED
[	Mo	98	0.750	ug/L	0.062	8	7	1133	8	KED
[	Cd	111	0.089	ug/L	0.008	9	4	34	7	KED
[	Cd	114	0.094	ug/L	0.022	23	4	86	22	KED
[>	In	115		ug/L			1390988	1474467	0	Standard
[	Ag	107	0.002	ug/L	0.001	25	42	86	12	Standard
[	Sb	121	0.025	ug/L	0.002	7	401	963	3	Standard
[	Sb	123	0.023	ug/L	0.001	3	306	717	2	Standard
[	Ba	135	17.752	ug/L	0.128	0	72	137507	0	Standard
[	Ba	137	17.312	ug/L	0.087	0	142	236914	0	Standard
[>	Tb	159		ug/L			2935826	2851010	0	Standard
[	Tl	205	0.000	ug/L	0.000	22	144	166	3	Standard
[	Pb	208	-0.001	ug/L	0.000	15	1069	920	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:25:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	954077	1	Standard
	Be	9	23.864	ug/L	0.077	0	4	136876	1	Standard
	C	13		ug/L			26149	41156	1	Standard
	Cl	37		ug/L			7203780	6503467	0	Standard
>	Sc	45		ug/L			1411304	1361633	2	Standard
	V	51	23.417	ug/L	0.267	1	6817	701577	2	Standard
	V-1	51	23.448	ug/L	0.195	0	591	704297	2	Standard
	Cr	52	23.196	ug/L	0.200	0	20282	610213	2	Standard
	Cr	53	23.307	ug/L	0.279	1	300	69824	0	Standard
	Fe	54	4889.323	ug/L	24.271	0	99061	14257940	1	Standard
	Fe	57	5405.031	ug/L	45.106	0	23749	5900746	2	Standard
	Mn	55	70.168	ug/L	0.392	0	924	2710521	2	Standard
>	Ge	72		ug/L			92215	81433	0	KED
	Co	59	25.975	ug/L	0.151	0	5	125988	0	KED
	Ni	60	25.622	ug/L	0.477	1	37	35989	1	KED
	Ni	62	25.232	ug/L	0.810	3	6	5796	3	KED
	Cu	63	24.249	ug/L	0.278	1	150	99719	0	KED
	Cu	65	24.507	ug/L	0.342	1	82	50090	1	KED
	Zn	66	77.732	ug/L	0.672	0	218	45216	0	KED
	Zn	67	73.451	ug/L	1.053	1	32	7079	1	KED
	As	75	24.954	ug/L	0.474	1	3	7301	1	KED
	Se	78	76.460	ug/L	1.560	2	14	2499	1	KED
	Y	89		ug/L			716574	651035	0	Standard
	Kr	83		ug/L			281	302	6	Standard
>	In-1	115		ug/L			26143	22744	1	KED
	Mo	98	0.768	ug/L	0.049	6	7	1157	5	KED
	Cd	111	24.687	ug/L	0.342	1	4	8395	2	KED
	Cd	114	25.063	ug/L	0.406	1	4	22067	1	KED
>	In	115		ug/L			1390988	1419554	1	Standard
	Ag	107	26.293	ug/L	0.485	1	42	447583	1	Standard
	Sb	121	0.047	ug/L	0.003	7	401	1398	5	Standard
	Sb	123	0.048	ug/L	0.003	5	306	1085	4	Standard
	Ba	135	39.920	ug/L	0.473	1	72	297583	0	Standard
	Ba	137	38.655	ug/L	0.770	1	142	509011	0	Standard
>	Tb	159		ug/L			2935826	2776470	1	Standard
	Tl	205	26.343	ug/L	0.349	1	144	2353833	1	Standard
	Pb	208	23.168	ug/L	0.069	0	1069	2709571	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:31:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	978024	5	Standard
[	Be	9	24.010	ug/L	1.085	4	4	140965	2	Standard
	C	13		ug/L			26149	41141	0	Standard
	Cl	37		ug/L			7203780	6401140	0	Standard
[>	Sc	45		ug/L			1411304	1400018	0	Standard
[	V	51	23.517	ug/L	0.299	1	6817	724380	1	Standard
[	V-1	51	23.487	ug/L	0.302	1	591	725364	1	Standard
[	Cr	52	23.384	ug/L	0.311	1	20282	632234	0	Standard
[	Cr	53	23.293	ug/L	0.300	1	300	71756	0	Standard
[	Fe	54	4928.098	ug/L	60.171	1	99061	14775197	0	Standard
[	Fe	57	5437.238	ug/L	142.224	2	23749	6102443	1	Standard
[	Mn	55	69.992	ug/L	0.773	1	924	2779906	1	Standard
[>	Ge	72		ug/L			92215	81209	1	KED
[	Co	59	26.220	ug/L	0.152	0	5	126827	1	KED
[	Ni	60	25.628	ug/L	0.354	1	37	35893	0	KED
[	Ni	62	25.667	ug/L	0.093	0	6	5879	1	KED
[	Cu	63	24.637	ug/L	0.453	1	150	101014	0	KED
[	Cu	65	24.912	ug/L	0.320	1	82	50770	1	KED
[	Zn	66	78.965	ug/L	2.080	2	218	45790	1	KED
[	Zn	67	76.256	ug/L	0.700	0	32	7328	1	KED
[	As	75	25.393	ug/L	0.280	1	3	7409	1	KED
[	Se	78	77.924	ug/L	1.080	1	14	2539	1	KED
	Y	89		ug/L			716574	662639	1	Standard
	Kr	83		ug/L			281	316	11	Standard
[>	In-1	115		ug/L			26143	22562	1	KED
[	Mo	98	0.761	ug/L	0.035	4	7	1138	4	KED
[	Cd	111	24.813	ug/L	0.433	1	4	8369	0	KED
[	Cd	114	25.133	ug/L	0.193	0	4	21951	0	KED
[>	In	115		ug/L			1390988	1423784	1	Standard
[	Ag	107	26.941	ug/L	0.542	2	42	459976	1	Standard
[	Sb	121	0.048	ug/L	0.004	7	401	1422	6	Standard
[	Sb	123	0.056	ug/L	0.002	4	306	1215	2	Standard
[	Ba	135	41.426	ug/L	0.137	0	72	309763	0	Standard
[	Ba	137	40.313	ug/L	0.866	2	142	532471	1	Standard
[>	Tb	159		ug/L			2935826	2830228	1	Standard
[	Tl	205	26.409	ug/L	0.376	1	144	2405091	0	Standard
[	Pb	208	23.177	ug/L	0.663	2	1069	2762263	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLF
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:39:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1095889	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.001	681	4	3	100	Standard
	C	**13**		ug/L			26149	23792	1	Standard
	Cl	**37**		ug/L			7203780	7532139	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1383232	2	Standard
⎢	**V**	**51**	**-0.013**	ug/L	0.005	38	6817	6280	2	Standard
⎢	**V-1**	**51**	**-0.005**	ug/L	0.001	12	591	438	5	Standard
⎢	**Cr**	**52**	**-0.054**	ug/L	0.021	38	20282	18480	2	Standard
⎢	**Cr**	**53**	**-0.025**	ug/L	0.002	9	300	220	1	Standard
⎢	**Fe**	**54**	**-2.221**	ug/L	0.407	18	99061	90539	1	Standard
⎢	**Fe**	**57**	**-3.635**	ug/L	0.321	8	23749	19257	1	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.001	33	924	794	3	Standard
⌈>	**Ge**	**72**		ug/L			92215	86709	2	KED
⎢	**Co**	**59**	**-0.000**	ug/L	0.001	379	5	3	86	KED
⎢	**Ni**	**60**	**-0.008**	ug/L	0.008	101	37	22	52	KED
⎢	**Ni**	**62**	**-0.001**	ug/L	0.015	1155	6	5	66	KED
⎢	**Cu**	**63**	**-0.017**	ug/L	0.003	15	150	68	14	KED
⎢	**Cu**	**65**	**-0.015**	ug/L	0.002	16	82	45	12	KED
⎢	**Zn**	**66**	**-0.173**	ug/L	0.037	21	218	99	25	KED
⎢	**Zn**	**67**	**-0.085**	ug/L	0.109	128	32	21	48	KED
⎢	**As**	**75**	**-0.002**	ug/L	0.002	87	3	2	24	KED
⌊	**Se**	**78**	**-0.100**	ug/L	0.050	49	14	10	15	KED
	Y	**89**		ug/L			716574	674505	2	Standard
	Kr	**83**		ug/L			281	300	8	Standard
⌈>	**In-1**	**115**		ug/L			26143	24727	1	KED
⎢	**Mo**	**98**	**-0.002**	ug/L	0.003	147	7	4	108	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.004	76	4	2	65	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.003	183	4	2	126	KED
⌈>	**In**	**115**		ug/L			1390988	1464083	2	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.000	38	42	64	13	Standard
⎢	**Sb**	**121**	**-0.016**	ug/L	0.000	1	401	73	10	Standard
⎢	**Sb**	**123**	**-0.015**	ug/L	0.000	2	306	66	13	Standard
⎢	**Ba**	**135**	**-0.005**	ug/L	0.001	20	72	38	18	Standard
⌊	**Ba**	**137**	**-0.007**	ug/L	0.001	11	142	56	15	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2783865	1	Standard
⎢	**Tl**	**205**	**-0.000**	ug/L	0.000	33	144	118	4	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	14	1069	690	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:44:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1081102	2	Standard
	Be	**9**	**49.064**	ug/L	1.308	2	4	318831	2	Standard
	C	**13**		ug/L			26149	24619	1	Standard
	Cl	**37**		ug/L			7203780	7595046	0	Standard
>	**Sc**	**45**		ug/L			1411304	1398202	0	Standard
	V	**51**	**48.942**	ug/L	0.676	1	6817	1498343	1	Standard
	V-1	**51**	**49.099**	ug/L	0.593	1	591	1513803	1	Standard
	Cr	**52**	**49.257**	ug/L	0.052	0	20282	1307880	0	Standard
	Cr	**53**	**49.752**	ug/L	0.620	1	300	152734	0	Standard
	Fe	**54**	**5270.137**	ug/L	7.696	0	99061	15774432	0	Standard
	Fe	**57**	**5489.970**	ug/L	62.447	1	23749	6154269	1	Standard
	Mn	**55**	**54.384**	ug/L	0.452	0	924	2157317	0	Standard
>	**Ge**	**72**		ug/L			92215	91185	0	KED
	Co	**59**	**49.638**	ug/L	0.255	0	5	269590	0	KED
	Ni	**60**	**49.680**	ug/L	0.312	0	37	78103	0	KED
	Ni	**62**	**48.835**	ug/L	0.348	0	6	12555	0	KED
	Cu	**63**	**49.339**	ug/L	0.200	0	150	227049	0	KED
	Cu	**65**	**49.787**	ug/L	0.562	1	82	113858	0	KED
	Zn	**66**	**51.280**	ug/L	0.600	1	218	33474	1	KED
	Zn	**67**	**50.419**	ug/L	0.854	1	32	5451	1	KED
	As	**75**	**48.547**	ug/L	0.333	0	3	15904	1	KED
	Se	**78**	**47.999**	ug/L	0.599	1	14	1762	1	KED
	Y	**89**		ug/L			716574	697636	1	Standard
	Kr	**83**		ug/L			281	327	7	Standard
>	**In-1**	**115**		ug/L			26143	24560	0	KED
	Mo	**98**	**49.531**	ug/L	0.478	0	7	80198	1	KED
	Cd	**111**	**50.418**	ug/L	0.919	1	4	18509	1	KED
	Cd	**114**	**50.070**	ug/L	0.777	1	4	47601	1	KED
>	**In**	**115**		ug/L			1390988	1450668	2	Standard
	Ag	**107**	**50.857**	ug/L	0.796	1	42	884629	2	Standard
	Sb	**121**	**51.063**	ug/L	0.893	1	401	1101535	0	Standard
	Sb	**123**	**51.644**	ug/L	1.004	1	306	851878	2	Standard
	Ba	**135**	**45.197**	ug/L	0.935	2	72	344219	0	Standard
	Ba	**137**	**44.672**	ug/L	1.186	2	142	601004	1	Standard
>	**Tb**	**159**		ug/L			2935826	2961152	0	Standard
	Tl	**205**	**51.348**	ug/L	0.443	0	144	4893402	1	Standard
	Pb	**208**	**48.998**	ug/L	0.227	0	1069	6110445	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:51:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1064041	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	1249	4	4	65	Standard
	C	**13**		ug/L			26149	24826	2	Standard
	Cl	**37**		ug/L			7203780	7484780	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1361108	0	Standard
⌈	**V**	**51**	**-0.021**	ug/L	0.004	20	6817	5937	2	Standard
⌊	**V-1**	**51**	**-0.006**	ug/L	0.000	2	591	402	0	Standard
⌈	**Cr**	**52**	**-0.079**	ug/L	0.011	14	20282	17553	1	Standard
⌊	**Cr**	**53**	**-0.026**	ug/L	0.003	12	300	213	4	Standard
⌈	**Fe**	**54**	**-1.084**	ug/L	0.663	61	99061	92396	1	Standard
⌊	**Fe**	**57**	**-3.933**	ug/L	0.241	6	23749	18628	1	Standard
	Mn	**55**	**0.002**	ug/L	0.000	24	924	959	1	Standard
⌈>	**Ge**	**72**		ug/L			92215	89417	0	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.000	52	5	6	15	KED
⌊	**Ni**	**60**	**-0.004**	ug/L	0.001	33	37	30	6	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.012	350	6	6	41	KED
⌈	**Cu**	**63**	**-0.002**	ug/L	0.005	243	150	136	17	KED
⌊	**Cu**	**65**	**-0.002**	ug/L	0.005	267	82	75	16	KED
⌈	**Zn**	**66**	**0.013**	ug/L	0.028	213	218	220	8	KED
⌊	**Zn**	**67**	**0.003**	ug/L	0.084	2439	32	31	27	KED
⌈	**As**	**75**	**0.004**	ug/L	0.004	91	3	4	29	KED
⌊	**Se**	**78**	**-0.059**	ug/L	0.074	125	14	12	22	KED
	Y	**89**		ug/L			716574	693103	1	Standard
	Kr	**83**		ug/L			281	276	5	Standard
⌈>	**In-1**	**115**		ug/L			26143	24432	1	KED
⌈	**Mo**	**98**	**0.006**	ug/L	0.002	41	7	16	24	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.003	73	4	2	33	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	108	4	3	35	KED
⌈>	**In**	**115**		ug/L			1390988	1418302	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.000	16	42	69	5	Standard
⌈	**Sb**	**121**	**0.041**	ug/L	0.002	5	401	1270	3	Standard
⌊	**Sb**	**123**	**0.044**	ug/L	0.003	7	306	1013	4	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.000	34	72	84	5	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.002	326	142	152	15	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2881992	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	16	144	233	7	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	14	1069	646	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0298-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:56:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1188049	2	Standard
[	Be	9	0.000	ug/L	0.001	171	4	7	66	Standard
	C	13		ug/L			26149	81474	1	Standard
	Cl	37		ug/L			7203780	6798980	0	Standard
[>	Sc	45		ug/L			1411304	1298929	0	Standard
[	V	51	1.041	ug/L	0.039	3	6817	35751	3	Standard
[	V-1	51	1.302	ug/L	0.007	0	591	37826	0	Standard
[	Cr	52	15.274	ug/L	0.407	2	20282	389640	2	Standard
[	Cr	53	15.604	ug/L	0.342	2	300	44692	2	Standard
[	Fe	54	59.398	ug/L	0.911	1	99061	255305	0	Standard
[	Fe	57	104.349	ug/L	1.074	1	23749	130111	0	Standard
[	Mn	55	8.394	ug/L	0.037	0	924	310064	0	Standard
[>	Ge	72		ug/L			92215	75379	0	KED
[	Co	59	0.533	ug/L	0.016	2	5	2398	2	KED
[	Ni	60	1.241	ug/L	0.033	2	37	1643	2	KED
[	Ni	62	1.299	ug/L	0.036	2	6	281	3	KED
[	Cu	63	31.047	ug/L	0.424	1	150	118150	1	KED
[	Cu	65	31.636	ug/L	0.277	0	82	59834	0	KED
[	Zn	66	11.213	ug/L	0.257	2	218	6189	1	KED
[	Zn	67	10.019	ug/L	0.176	1	32	916	2	KED
[	As	75	0.103	ug/L	0.017	16	3	30	15	KED
[	Se	78	0.068	ug/L	0.060	87	14	14	13	KED
	Y	89		ug/L			716574	630175	1	Standard
	Kr	83		ug/L			281	277	6	Standard
[>	In-1	115		ug/L			26143	21075	0	KED
[	Mo	98	29.270	ug/L	0.181	0	7	40669	0	KED
[	Cd	111	0.231	ug/L	0.026	11	4	76	10	KED
[	Cd	114	0.292	ug/L	0.009	3	4	241	3	KED
[>	In	115		ug/L			1390988	1314871	0	Standard
[	Ag	107	0.006	ug/L	0.001	10	42	138	8	Standard
[	Sb	121	0.563	ug/L	0.007	1	401	11396	1	Standard
[	Sb	123	0.572	ug/L	0.005	0	306	8833	0	Standard
[	Ba	135	0.815	ug/L	0.010	1	72	5694	0	Standard
[	Ba	137	0.790	ug/L	0.006	0	142	9769	0	Standard
[>	Tb	159		ug/L			2935826	2701922	0	Standard
[	Tl	205	0.012	ug/L	0.001	7	144	1145	6	Standard
[	Pb	208	0.021	ug/L	0.000	1	1069	3393	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0298-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:01:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	1204408	2	Standard
	Be	9	0.000	ug/L	0.000	1176	4	5	57	Standard
	C	13		ug/L			26149	77806	0	Standard
	Cl	37		ug/L			7203780	6598052	1	Standard
>	Sc	45		ug/L			1411304	1275762	1	Standard
	V	51	1.217	ug/L	0.019	1	6817	40017	3	Standard
	V-1	51	1.410	ug/L	0.002	0	591	40195	1	Standard
	Cr	52	9.812	ug/L	0.084	0	20282	252391	1	Standard
	Cr	53	10.126	ug/L	0.110	1	300	28577	0	Standard
	Fe	54	31.951	ug/L	0.965	3	99061	176235	0	Standard
	Fe	57	77.078	ug/L	1.887	2	23749	99983	0	Standard
	Mn	55	8.000	ug/L	0.121	1	924	290268	2	Standard
>	Ge	72		ug/L			92215	75565	0	KED
	Co	59	0.932	ug/L	0.015	1	5	4201	2	KED
	Ni	60	1.035	ug/L	0.014	1	37	1378	1	KED
	Ni	62	1.037	ug/L	0.082	7	6	226	6	KED
	Cu	63	24.696	ug/L	0.202	0	150	94241	1	KED
	Cu	65	24.996	ug/L	0.000	0	82	47407	0	KED
	Zn	66	8.494	ug/L	0.120	1	218	4744	1	KED
	Zn	67	8.147	ug/L	0.295	3	32	752	3	KED
	As	75	0.083	ug/L	0.007	8	3	24	7	KED
	Se	78	0.131	ug/L	0.095	72	14	15	18	KED
	Y	89		ug/L			716574	625152	2	Standard
	Kr	83		ug/L			281	292	11	Standard
>	In-1	115		ug/L			26143	20747	1	KED
	Mo	98	21.798	ug/L	0.167	0	7	29816	0	KED
	Cd	111	0.219	ug/L	0.004	1	4	71	1	KED
	Cd	114	0.236	ug/L	0.042	17	4	192	16	KED
>	In	115		ug/L			1390988	1345732	0	Standard
	Ag	107	0.004	ug/L	0.001	17	42	101	10	Standard
	Sb	121	0.376	ug/L	0.004	0	401	7915	0	Standard
	Sb	123	0.383	ug/L	0.009	2	306	6156	2	Standard
	Ba	135	0.687	ug/L	0.010	1	72	4925	0	Standard
	Ba	137	0.673	ug/L	0.004	0	142	8540	1	Standard
>	Tb	159		ug/L			2935826	2692240	0	Standard
	Tl	205	0.007	ug/L	0.001	10	144	748	9	Standard
	Pb	208	0.012	ug/L	0.000	3	1069	2356	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0298-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:06:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1267399	2	Standard
[	Be	9	0.001	ug/L	0.000	71	4	9	34	Standard
	C	13		ug/L			26149	49264	0	Standard
	Cl	37		ug/L			7203780	6565114	1	Standard
[>	Sc	45		ug/L			1411304	1279380	0	Standard
[	V	51	0.877	ug/L	0.041	4	6817	30629	4	Standard
[	V-1	51	1.124	ug/L	0.018	1	591	32236	1	Standard
[	Cr	52	15.909	ug/L	0.192	1	20282	398965	1	Standard
[	Cr	53	16.167	ug/L	0.206	1	300	45597	0	Standard
[	Fe	54	36.055	ug/L	0.626	1	99061	187927	0	Standard
[	Fe	57	90.038	ug/L	0.264	0	23749	113529	0	Standard
[	Mn	55	5.635	ug/L	0.057	1	924	205284	0	Standard
[>	Ge	72		ug/L			92215	75374	0	KED
[	Co	59	0.977	ug/L	0.025	2	5	4391	2	KED
[	Ni	60	0.753	ug/L	0.030	4	37	1008	3	KED
[	Ni	62	0.818	ug/L	0.104	12	6	179	12	KED
[	Cu	63	8.379	ug/L	0.122	1	150	31975	0	KED
[	Cu	65	8.481	ug/L	0.055	0	82	16088	0	KED
[	Zn	66	7.033	ug/L	0.057	0	218	3949	0	KED
[	Zn	67	6.941	ug/L	0.218	3	32	643	2	KED
[	As	75	0.062	ug/L	0.009	15	3	19	12	KED
[	Se	78	0.060	ug/L	0.108	181	14	13	23	KED
	Y	89		ug/L			716574	628926	0	Standard
	Kr	83		ug/L			281	290	1	Standard
[>	In-1	115		ug/L			26143	20646	0	KED
[	Mo	98	18.296	ug/L	0.167	0	7	24906	0	KED
[	Cd	111	0.025	ug/L	0.009	35	4	11	24	KED
[	Cd	114	0.021	ug/L	0.004	19	4	20	16	KED
[>	In	115		ug/L			1390988	1323434	1	Standard
[	Ag	107	0.002	ug/L	0.001	43	42	72	17	Standard
[	Sb	121	0.312	ug/L	0.001	0	401	6514	1	Standard
[	Sb	123	0.312	ug/L	0.006	1	306	4979	1	Standard
[	Ba	135	0.843	ug/L	0.017	1	72	5928	0	Standard
[	Ba	137	0.831	ug/L	0.002	0	142	10333	1	Standard
[>	Tb	159		ug/L			2935826	2698645	0	Standard
[	Tl	205	0.010	ug/L	0.000	2	144	1033	1	Standard
[	Pb	208	0.008	ug/L	0.000	5	1069	1913	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0233-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:12:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1152100	2	Standard
[	Be	9	0.000	ug/L	0.000	167	4	6	45	Standard
	C	13		ug/L			26149	58301	0	Standard
	Cl	37		ug/L			7203780	6643436	0	Standard
[>	Sc	45		ug/L			1411304	1270687	1	Standard
[	V	51	1.071	ug/L	0.014	1	6817	35805	2	Standard
[	V-1	51	1.298	ug/L	0.025	1	591	36890	1	Standard
[	Cr	52	18.187	ug/L	0.306	1	20282	450310	0	Standard
[	Cr	53	18.304	ug/L	0.371	2	300	51232	0	Standard
[	Fe	54	40.030	ug/L	1.217	3	99061	197368	0	Standard
[	Fe	57	91.988	ug/L	2.032	2	23749	114717	0	Standard
[	Mn	55	5.012	ug/L	0.122	2	924	181401	1	Standard
[>	Ge	72		ug/L			92215	75165	0	KED
[	Co	59	0.052	ug/L	0.002	3	5	236	4	KED
[	Ni	60	0.481	ug/L	0.027	5	37	653	5	KED
[	Ni	62	0.569	ug/L	0.060	10	6	125	10	KED
[	Cu	63	7.661	ug/L	0.157	2	150	29168	2	KED
[	Cu	65	7.945	ug/L	0.110	1	82	15035	1	KED
[	Zn	66	2.799	ug/L	0.085	3	218	1674	2	KED
[	Zn	67	2.510	ug/L	0.201	8	32	248	7	KED
[	As	75	0.091	ug/L	0.009	10	3	26	8	KED
[	Se	78	0.166	ug/L	0.112	67	14	16	20	KED
	Y	89		ug/L			716574	626065	1	Standard
	Kr	83		ug/L			281	302	4	Standard
[>	In-1	115		ug/L			26143	21237	3	KED
[	Mo	98	277.167	ug/L	5.739	2	7	387830	1	KED
[	Cd	111	0.069	ug/L	0.024	35	4	25	31	KED
[	Cd	114	0.044	ug/L	0.017	38	4	38	31	KED
[>	In	115		ug/L			1390988	1314174	2	Standard
[	Ag	107	0.003	ug/L	0.001	47	42	84	24	Standard
[	Sb	121	0.262	ug/L	0.003	1	401	5507	2	Standard
[	Sb	123	0.259	ug/L	0.010	3	306	4160	4	Standard
[	Ba	135	0.737	ug/L	0.018	2	72	5152	1	Standard
[	Ba	137	0.708	ug/L	0.006	0	142	8769	1	Standard
[>	Tb	159		ug/L			2935826	2697122	0	Standard
[	Tl	205	0.011	ug/L	0.000	3	144	1048	3	Standard
[	Pb	208	0.007	ug/L	0.000	5	1069	1730	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0233-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:17:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1190916	2	Standard
[	Be	9	-0.000	ug/L	0.000	67	4	1	100	Standard
	C	13		ug/L			26149	59554	3	Standard
	Cl	37		ug/L			7203780	6508874	0	Standard
[>	Sc	45		ug/L			1411304	1274763	0	Standard
[	V	51	0.957	ug/L	0.044	4	6817	32731	3	Standard
[	V-1	51	1.171	ug/L	0.023	1	591	33442	1	Standard
[	Cr	52	8.372	ug/L	0.077	0	20282	217870	0	Standard
[	Cr	53	8.797	ug/L	0.061	0	300	24846	0	Standard
[	Fe	54	37.553	ug/L	1.646	4	99061	191295	1	Standard
[	Fe	57	90.268	ug/L	1.782	1	23749	113344	0	Standard
[	Mn	55	6.205	ug/L	0.044	0	924	225167	0	Standard
[>	Ge	72		ug/L			92215	75342	0	KED
[	Co	59	0.153	ug/L	0.002	1	5	692	1	KED
[	Ni	60	0.755	ug/L	0.017	2	37	1010	1	KED
[	Ni	62	0.875	ug/L	0.097	11	6	191	10	KED
[	Cu	63	13.833	ug/L	0.125	0	150	52684	1	KED
[	Cu	65	13.843	ug/L	0.183	1	82	26206	1	KED
[	Zn	66	5.538	ug/L	0.170	3	218	3146	3	KED
[	Zn	67	5.614	ug/L	0.126	2	32	525	2	KED
[	As	75	0.077	ug/L	0.012	15	3	23	13	KED
[	Se	78	0.103	ug/L	0.054	52	14	15	10	KED
	Y	89		ug/L			716574	625113	0	Standard
	Kr	83		ug/L			281	296	6	Standard
[>	In-1	115		ug/L			26143	21133	2	KED
[	Mo	98	139.083	ug/L	2.286	1	7	193716	0	KED
[	Cd	111	0.027	ug/L	0.017	65	4	12	47	KED
[	Cd	114	0.023	ug/L	0.010	42	4	22	33	KED
[>	In	115		ug/L			1390988	1330900	0	Standard
[	Ag	107	0.001	ug/L	0.001	80	42	57	23	Standard
[	Sb	121	0.294	ug/L	0.004	1	401	6211	1	Standard
[	Sb	123	0.298	ug/L	0.007	2	306	4807	1	Standard
[	Ba	135	0.723	ug/L	0.019	2	72	5122	2	Standard
[	Ba	137	0.703	ug/L	0.020	2	142	8813	2	Standard
[>	Tb	159		ug/L			2935826	2682955	0	Standard
[	Tl	205	0.011	ug/L	0.000	1	144	1079	2	Standard
[	Pb	208	0.005	ug/L	0.000	5	1069	1596	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0233-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:21:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1228809	2	Standard
[	Be	9	0.000	ug/L	0.000	229	4	5	33	Standard
	C	13		ug/L			26149	55542	1	Standard
	Cl	37		ug/L			7203780	6586242	1	Standard
[>	Sc	45		ug/L			1411304	1275379	1	Standard
[	V	51	0.917	ug/L	0.028	3	6817	31649	1	Standard
[	V-1	51	1.101	ug/L	0.013	1	591	31497	2	Standard
[	Cr	52	9.055	ug/L	0.129	1	20282	234247	0	Standard
[	Cr	53	9.356	ug/L	0.189	2	300	26421	2	Standard
[	Fe	54	36.399	ug/L	1.211	3	99061	188262	1	Standard
[	Fe	57	90.435	ug/L	1.782	1	23749	113573	1	Standard
[	Mn	55	7.635	ug/L	0.123	1	924	276977	1	Standard
[>	Ge	72		ug/L			92215	77219	0	KED
[	Co	59	0.250	ug/L	0.003	1	5	1151	1	KED
[	Ni	60	1.027	ug/L	0.055	5	37	1398	5	KED
[	Ni	62	1.084	ug/L	0.062	5	6	241	5	KED
[	Cu	63	19.018	ug/L	0.130	0	150	74190	0	KED
[	Cu	65	19.214	ug/L	0.243	1	82	37254	0	KED
[	Zn	66	10.341	ug/L	0.138	1	218	5862	1	KED
[	Zn	67	10.116	ug/L	0.297	2	32	947	2	KED
[	As	75	0.069	ug/L	0.015	21	3	21	19	KED
[	Se	78	0.129	ug/L	0.131	101	14	16	24	KED
	Y	89		ug/L			716574	613648	2	Standard
	Kr	83		ug/L			281	295	13	Standard
[>	In-1	115		ug/L			26143	21151	0	KED
[	Mo	98	71.845	ug/L	0.788	1	7	100170	0	KED
[	Cd	111	0.035	ug/L	0.008	24	4	14	18	KED
[	Cd	114	0.018	ug/L	0.008	45	4	18	37	KED
[>	In	115		ug/L			1390988	1323722	1	Standard
[	Ag	107	0.001	ug/L	0.001	98	42	60	33	Standard
[	Sb	121	0.339	ug/L	0.006	1	401	7058	2	Standard
[	Sb	123	0.345	ug/L	0.005	1	306	5482	1	Standard
[	Ba	135	0.735	ug/L	0.011	1	72	5177	1	Standard
[	Ba	137	0.724	ug/L	0.001	0	142	9025	1	Standard
[>	Tb	159		ug/L			2935826	2666253	1	Standard
[	Tl	205	0.012	ug/L	0.000	1	144	1179	1	Standard
[	Pb	208	0.009	ug/L	0.000	4	1069	1993	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0233-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:26:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1226172	4	Standard
[	Be	9	-0.000	ug/L	0.000	291	4	3	86	Standard
	C	13		ug/L			26149	50710	1	Standard
	Cl	37		ug/L			7203780	6582809	0	Standard
[>	Sc	45		ug/L			1411304	1303385	2	Standard
[	V	51	0.801	ug/L	0.026	3	6817	29049	2	Standard
[	V-1	51	0.941	ug/L	0.008	0	591	27577	1	Standard
[	Cr	52	6.595	ug/L	0.073	1	20282	179428	1	Standard
[	Cr	53	6.837	ug/L	0.090	1	300	19804	1	Standard
[	Fe	54	25.330	ug/L	1.328	5	99061	161676	0	Standard
[	Fe	57	78.322	ug/L	1.207	1	23749	103448	0	Standard
[	Mn	55	5.473	ug/L	0.115	2	924	203096	0	Standard
[>	Ge	72		ug/L			92215	78428	0	KED
[	Co	59	0.169	ug/L	0.002	1	5	795	0	KED
[	Ni	60	0.830	ug/L	0.010	1	37	1153	0	KED
[	Ni	62	0.866	ug/L	0.019	2	6	196	2	KED
[	Cu	63	13.648	ug/L	0.173	1	150	54109	1	KED
[	Cu	65	13.665	ug/L	0.135	0	82	26930	0	KED
[	Zn	66	8.200	ug/L	0.095	1	218	4760	1	KED
[	Zn	67	7.186	ug/L	0.409	5	32	692	6	KED
[	As	75	0.064	ug/L	0.014	21	3	20	18	KED
[	Se	78	0.103	ug/L	0.091	88	14	15	18	KED
	Y	89		ug/L			716574	629828	0	Standard
	Kr	83		ug/L			281	303	1	Standard
[>	In-1	115		ug/L			26143	21769	0	KED
[	Mo	98	39.099	ug/L	0.539	1	7	56112	1	KED
[	Cd	111	0.017	ug/L	0.010	60	4	9	36	KED
[	Cd	114	0.012	ug/L	0.001	10	4	13	7	KED
[>	In	115		ug/L			1390988	1310838	2	Standard
[	Ag	107	0.001	ug/L	0.000	50	42	53	10	Standard
[	Sb	121	0.479	ug/L	0.015	3	401	9707	0	Standard
[	Sb	123	0.479	ug/L	0.022	4	306	7418	1	Standard
[	Ba	135	0.689	ug/L	0.024	3	72	4805	2	Standard
[	Ba	137	0.693	ug/L	0.029	4	142	8556	1	Standard
[>	Tb	159		ug/L			2935826	2732296	2	Standard
[	Tl	205	0.010	ug/L	0.000	3	144	1033	1	Standard
[	Pb	208	0.004	ug/L	0.000	3	1069	1434	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0131-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:32:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	989155	1	Standard
[	Be	9	0.064	ug/L	0.006	9	4	383	11	Standard
	C	13		ug/L			26149	187016	1	Standard
	Cl	37		ug/L			7203780	6273272	0	Standard
[>	Sc	45		ug/L			1411304	1469443	1	Standard
[	V	51	0.854	ug/L	0.016	1	6817	34449	0	Standard
[	V-1	51	0.884	ug/L	0.010	1	591	29240	0	Standard
[	Cr	52	2.274	ug/L	0.044	1	20282	83587	0	Standard
[	Cr	53	2.319	ug/L	0.012	0	300	7779	0	Standard
[	Fe	54	140.570	ug/L	2.204	1	99061	542529	0	Standard
[	Fe	57	164.510	ug/L	2.703	1	23749	217778	0	Standard
[	Mn	55	10.263	ug/L	0.204	1	924	428653	2	Standard
[>	Ge	72		ug/L			92215	77006	12	KED
[	Co	59	0.065	ug/L	0.004	5	5	301	7	KED
[	Ni	60	1.836	ug/L	0.268	14	37	2437	1	KED
[	Ni	62	1.898	ug/L	0.250	13	6	412	2	KED
[	Cu	63	16.686	ug/L	1.903	11	150	64292	2	KED
[	Cu	65	16.711	ug/L	1.696	10	82	32039	3	KED
[	Zn	66	16.564	ug/L	2.115	12	218	9155	2	KED
[	Zn	67	38.397	ug/L	5.530	14	32	3469	1	KED
[	As	75	0.751	ug/L	0.137	18	3	207	4	KED
[	Se	78	0.040	ug/L	0.114	287	14	13	18	KED
	Y	89		ug/L			716574	657095	1	Standard
	Kr	83		ug/L			281	306	4	Standard
[>	In-1	115		ug/L			26143	22747	0	KED
[	Mo	98	0.711	ug/L	0.021	2	7	1072	2	KED
[	Cd	111	0.362	ug/L	0.007	2	4	126	2	KED
[	Cd	114	0.010	ug/L	0.004	39	4	12	27	KED
[>	In	115		ug/L			1390988	1341925	0	Standard
[	Ag	107	20.667	ug/L	0.163	0	42	332613	0	Standard
[	Sb	121	1.996	ug/L	0.035	1	401	40223	2	Standard
[	Sb	123	2.040	ug/L	0.039	1	306	31417	2	Standard
[	Ba	135	387.482	ug/L	5.311	1	72	2730206	1	Standard
[	Ba	137	368.309	ug/L	3.314	0	142	4584532	0	Standard
[>	Tb	159		ug/L			2935826	2902789	0	Standard
[	Tl	205	0.006	ug/L	0.000	1	144	713	1	Standard
[	Pb	208	2.692	ug/L	0.025	0	1069	330125	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0135-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:39:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1087614	1	Standard
[	Be	9	0.000	ug/L	0.000	295	4	5	43	Standard
	C	13		ug/L			26149	470161	1	Standard
	Cl	37		ug/L			7203780	7155015	0	Standard
[>	Sc	45		ug/L			1411304	1232278	2	Standard
[	V	51	0.303	ug/L	0.037	12	6817	14117	9	Standard
[	V-1	51	0.200	ug/L	0.004	1	591	5959	1	Standard
[	Cr	52	6.212	ug/L	0.051	0	20282	160843	2	Standard
[	Cr	53	5.670	ug/L	0.137	2	300	15566	0	Standard
[	Fe	54	1555.503	ug/L	43.549	2	99061	4162154	0	Standard
[	Fe	57	2394.605	ug/L	48.912	2	23749	2376604	1	Standard
[	Mn	55	61.103	ug/L	1.951	3	924	2137202	5	Standard
[>	Ge	72		ug/L			92215	74614	1	KED
[	Co	59	0.817	ug/L	0.024	2	5	3634	3	KED
[	Ni	60	13.819	ug/L	0.278	2	37	17800	2	KED
[	Ni	62	14.055	ug/L	0.179	1	6	2960	2	KED
[	Cu	63	1.013	ug/L	0.003	0	150	3933	1	KED
[	Cu	65	1.021	ug/L	0.018	1	82	1976	0	KED
[	Zn	66	12.866	ug/L	0.305	2	218	7006	3	KED
[	Zn	67	13.357	ug/L	0.689	5	32	1201	5	KED
[	As	75	0.398	ug/L	0.019	4	3	109	3	KED
[	Se	78	0.099	ug/L	0.048	48	14	14	9	KED
	Y	89		ug/L			716574	613581	1	Standard
	Kr	83		ug/L			281	260	7	Standard
[>	In-1	115		ug/L			26143	21064	1	KED
[	Mo	98	5.408	ug/L	0.120	2	7	7515	1	KED
[	Cd	111	0.055	ug/L	0.020	36	4	20	29	KED
[	Cd	114	0.059	ug/L	0.007	12	4	51	12	KED
[>	In	115		ug/L			1390988	1284712	0	Standard
[	Ag	107	0.005	ug/L	0.001	13	42	122	8	Standard
[	Sb	121	0.199	ug/L	0.010	4	401	4172	5	Standard
[	Sb	123	0.206	ug/L	0.005	2	306	3294	1	Standard
[	Ba	135	16.623	ug/L	0.250	1	72	112191	1	Standard
[	Ba	137	16.188	ug/L	0.311	1	142	193021	1	Standard
[>	Tb	159		ug/L			2935826	2704614	0	Standard
[	Tl	205	-0.001	ug/L	0.000	24	144	80	15	Standard
[	Pb	208	0.017	ug/L	0.001	3	1069	2933	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLG
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:47:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1119521	3	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	238	4	3	91	Standard
	C	**13**		ug/L			26149	29512	1	Standard
	Cl	**37**		ug/L			7203780	8021649	1	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1382004	0	Standard
⌈	**V**	**51**	**-0.006**	ug/L	0.004	61	6817	6499	1	Standard
⌈	**V-1**	**51**	**-0.006**	ug/L	0.001	10	591	401	4	Standard
⌈	**Cr**	**52**	**-0.020**	ug/L	0.012	59	20282	19339	1	Standard
⌈	**Cr**	**53**	**-0.020**	ug/L	0.005	27	300	235	6	Standard
⌈	**Fe**	**54**	**-1.528**	ug/L	0.202	13	99061	92513	0	Standard
⌈	**Fe**	**57**	**-2.380**	ug/L	0.076	3	23749	20629	0	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.000	22	924	985	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	86731	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	798	5	4	65	KED
⌈	**Ni**	**60**	**-0.003**	ug/L	0.007	215	37	30	32	KED
⌈	**Ni**	**62**	**0.017**	ug/L	0.008	49	6	10	21	KED
⌈	**Cu**	**63**	**-0.013**	ug/L	0.005	40	150	83	26	KED
⌈	**Cu**	**65**	**-0.018**	ug/L	0.005	29	82	39	29	KED
⌈	**Zn**	**66**	**-0.168**	ug/L	0.018	10	218	101	10	KED
⌈	**Zn**	**67**	**-0.148**	ug/L	0.066	44	32	15	43	KED
⌈	**As**	**75**	**0.002**	ug/L	0.002	95	3	3	14	KED
⌊	**Se**	**78**	**-0.098**	ug/L	0.081	82	14	10	27	KED
	Y	**89**		ug/L			716574	667428	1	Standard
	Kr	**83**		ug/L			281	255	3	Standard
⌈>	**In-1**	**115**		ug/L			26143	23361	0	KED
⌈	**Mo**	**98**	**-0.001**	ug/L	0.002	149	7	4	67	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.006	281	4	3	69	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	83	4	2	49	KED
⌈>	**In**	**115**		ug/L			1390988	1400353	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	283	42	38	29	Standard
⌈	**Sb**	**121**	**-0.016**	ug/L	0.000	1	401	63	7	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.000	2	306	50	11	Standard
⌈	**Ba**	**135**	**-0.003**	ug/L	0.001	20	72	48	9	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.000	4	142	59	6	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2744963	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	10	144	51	19	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	12	1069	633	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVH
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:52:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1107522	2	Standard
[	**Be**	**9**	**48.753**	ug/L	1.380	2	4	324437	0	Standard
	C	**13**		ug/L			26149	25692	2	Standard
	Cl	**37**		ug/L			7203780	7476323	0	Standard
[>	**Sc**	**45**		ug/L			1411304	1390643	1	Standard
[	**V**	**51**	**49.611**	ug/L	0.649	1	6817	1510490	1	Standard
[	**V-1**	**51**	**49.804**	ug/L	0.460	0	591	1527206	1	Standard
[	**Cr**	**52**	**49.665**	ug/L	0.851	1	20282	1311552	2	Standard
[	**Cr**	**53**	**50.283**	ug/L	0.880	1	300	153551	2	Standard
[	**Fe**	**54**	**5265.526**	ug/L	59.213	1	99061	15676381	1	Standard
[	**Fe**	**57**	**5480.255**	ug/L	111.415	2	23749	6110681	2	Standard
[	**Mn**	**55**	**53.667**	ug/L	3.135	5	924	2118256	6	Standard
[>	**Ge**	**72**		ug/L			92215	89099	1	KED
[	**Co**	**59**	**50.206**	ug/L	0.560	1	5	266411	0	KED
[	**Ni**	**60**	**50.109**	ug/L	0.916	1	37	76963	0	KED
[	**Ni**	**62**	**50.042**	ug/L	0.714	1	6	12570	0	KED
[	**Cu**	**63**	**50.501**	ug/L	0.630	1	150	227049	0	KED
[	**Cu**	**65**	**50.496**	ug/L	0.501	0	82	112832	0	KED
[	**Zn**	**66**	**51.500**	ug/L	1.505	2	218	32838	1	KED
[	**Zn**	**67**	**50.826**	ug/L	0.146	0	32	5369	1	KED
[	**As**	**75**	**49.600**	ug/L	0.937	1	3	15873	0	KED
[	**Se**	**78**	**49.513**	ug/L	0.478	0	14	1775	2	KED
	Y	**89**		ug/L			716574	690267	1	Standard
	Kr	**83**		ug/L			281	293	7	Standard
[>	**In-1**	**115**		ug/L			26143	24421	0	KED
[	**Mo**	**98**	**49.478**	ug/L	0.368	0	7	79660	1	KED
[	**Cd**	**111**	**49.723**	ug/L	0.216	0	4	18151	1	KED
[	**Cd**	**114**	**50.084**	ug/L	0.491	0	4	47342	0	KED
[>	**In**	**115**		ug/L			1390988	1439535	2	Standard
[	**Ag**	**107**	**50.622**	ug/L	1.542	3	42	873810	3	Standard
[	**Sb**	**121**	**50.454**	ug/L	0.717	1	401	1080215	1	Standard
[	**Sb**	**123**	**51.112**	ug/L	0.575	1	306	836690	2	Standard
[	**Ba**	**135**	**45.894**	ug/L	0.312	0	72	346935	1	Standard
[	**Ba**	**137**	**44.480**	ug/L	0.522	1	142	593989	1	Standard
[>	**Tb**	**159**		ug/L			2935826	2907874	0	Standard
[	**Tl**	**205**	**51.244**	ug/L	0.170	0	144	4795433	0	Standard
[	**Pb**	**208**	**49.138**	ug/L	0.020	0	1069	6017661	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBH
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:59:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1052267	9	Standard
	Be	**9**	**0.000**	ug/L	0.000	402	4	4	24	Standard
	C	**13**		ug/L			26149	25500	3	Standard
	Cl	**37**		ug/L			7203780	7532099	2	Standard
>	**Sc**	**45**		ug/L			1411304	1373138	8	Standard
	V	**51**	**-0.017**	ug/L	0.014	86	6817	6107	1	Standard
	V-1	**51**	**-0.007**	ug/L	0.001	9	591	366	3	Standard
	Cr	**52**	**-0.063**	ug/L	0.050	78	20282	18051	2	Standard
	Cr	**53**	**-0.029**	ug/L	0.005	15	300	203	5	Standard
	Fe	**54**	**-0.557**	ug/L	3.814	684	99061	94127	3	Standard
	Fe	**57**	**-4.052**	ug/L	0.861	21	23749	18609	3	Standard
	Mn	**55**	**0.007**	ug/L	0.004	51	924	1174	3	Standard
>	**Ge**	**72**		ug/L			92215	88850	1	KED
	Co	**59**	**-0.000**	ug/L	0.001	736	5	4	65	KED
	Ni	**60**	**0.003**	ug/L	0.009	284	37	40	31	KED
	Ni	**62**	**0.021**	ug/L	0.013	60	6	11	28	KED
	Cu	**63**	**-0.002**	ug/L	0.003	143	150	133	9	KED
	Cu	**65**	**-0.008**	ug/L	0.008	101	82	62	29	KED
	Zn	**66**	**0.029**	ug/L	0.052	182	218	228	14	KED
	Zn	**67**	**0.034**	ug/L	0.126	373	32	34	39	KED
	As	**75**	**0.001**	ug/L	0.003	222	3	3	28	KED
	Se	**78**	**-0.084**	ug/L	0.069	82	14	11	21	KED
	Y	**89**		ug/L			716574	670961	7	Standard
	Kr	**83**		ug/L			281	290	10	Standard
>	**In-1**	**115**		ug/L			26143	25017	1	KED
	Mo	**98**	**0.004**	ug/L	0.001	19	7	13	8	KED
	Cd	**111**	**-0.008**	ug/L	0.003	37	4	1	86	KED
	Cd	**114**	**0.002**	ug/L	0.005	335	4	5	89	KED
>	**In**	**115**		ug/L			1390988	1390963	8	Standard
	Ag	**107**	**0.001**	ug/L	0.001	105	42	63	36	Standard
	Sb	**121**	**0.040**	ug/L	0.008	20	401	1229	5	Standard
	Sb	**123**	**0.039**	ug/L	0.003	7	306	917	4	Standard
	Ba	**135**	**0.003**	ug/L	0.001	49	72	92	11	Standard
	Ba	**137**	**0.001**	ug/L	0.002	223	142	151	11	Standard
>	**Tb**	**159**		ug/L			2935826	2795129	6	Standard
	Tl	**205**	**0.000**	ug/L	0.000	78	144	173	16	Standard
	Pb	**208**	**-0.004**	ug/L	0.001	14	1069	573	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0120-01
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:04:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1136240	3	Standard
[	Be	9	0.002	ug/L	0.000	18	4	15	12	Standard
	C	13		ug/L			26149	202354	0	Standard
	Cl	37		ug/L			7203780	7756939	0	Standard
[>	Sc	45		ug/L			1411304	1437475	0	Standard
[	V	51	2.263	ug/L	0.961	42	6817	77903	38	Standard
[	V-1	51	0.115	ug/L	0.002	1	591	4249	1	Standard
[	Cr	52	256.069	ug/L	2.588	1	20282	6903526	1	Standard
[	Cr	53	240.068	ug/L	0.596	0	300	756544	0	Standard
[	Fe	54	3788.711	ug/L	52.034	1	99061	11687477	1	Standard
[	Fe	57	3922.918	ug/L	43.195	1	23749	4527905	0	Standard
[	Mn	55	88.665	ug/L	0.614	0	924	3615425	0	Standard
[>	Ge	72		ug/L			92215	90244	0	KED
[	Co	59	0.279	ug/L	0.007	2	5	1504	3	KED
[	Ni	60	2.911	ug/L	0.071	2	37	4563	1	KED
[	Ni	62	2.935	ug/L	0.216	7	6	753	7	KED
[	Cu	63	2.650	ug/L	0.040	1	150	12210	2	KED
[	Cu	65	2.718	ug/L	0.010	0	82	6228	0	KED
[	Zn	66	213.774	ug/L	0.380	0	218	137433	0	KED
[	Zn	67	200.441	ug/L	2.948	1	32	21356	1	KED
[	As	75	0.288	ug/L	0.021	7	3	96	6	KED
[	Se	78	0.036	ug/L	0.071	200	14	15	16	KED
	Y	89		ug/L			716574	706141	1	Standard
	Kr	83		ug/L			281	307	5	Standard
[>	In-1	115		ug/L			26143	24810	0	KED
[	Mo	98	0.473	ug/L	0.029	6	7	780	6	KED
[	Cd	111	0.832	ug/L	0.059	7	4	312	7	KED
[	Cd	114	0.820	ug/L	0.044	5	4	791	4	KED
[>	In	115		ug/L			1390988	1408657	2	Standard
[	Ag	107	0.164	ug/L	0.002	1	42	2811	1	Standard
[	Sb	121	0.119	ug/L	0.003	2	401	2890	0	Standard
[	Sb	123	0.127	ug/L	0.007	5	306	2347	2	Standard
[	Ba	135	7.671	ug/L	0.169	2	72	56792	0	Standard
[	Ba	137	7.515	ug/L	0.142	1	142	98309	0	Standard
[>	Tb	159		ug/L			2935826	2961137	0	Standard
[	Tl	205	-0.000	ug/L	0.000	76	144	128	9	Standard
[	Pb	208	0.218	ug/L	0.003	1	1069	28240	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0121-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:09:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1217132	2	Standard
[	Be	9	0.001	ug/L	0.001	83	4	9	40	Standard
	C	13		ug/L			26149	464851	0	Standard
	Cl	37		ug/L			7203780	7145711	0	Standard
[>	Sc	45		ug/L			1411304	1379399	1	Standard
[	V	51	-0.171	ug/L	0.086	50	6817	1491	173	Standard
[	V-1	51	0.126	ug/L	0.002	1	591	4412	2	Standard
[	Cr	52	53.277	ug/L	0.497	0	20282	1393860	0	Standard
[	Cr	53	52.319	ug/L	0.200	0	300	158440	1	Standard
[	Fe	54	4343.315	ug/L	53.229	1	99061	12841113	0	Standard
[	Fe	57	4924.188	ug/L	39.592	0	23749	5447930	1	Standard
[	Mn	55	214.770	ug/L	2.348	1	924	8401618	0	Standard
[>	Ge	72		ug/L			92215	81956	1	KED
[	Co	59	1.031	ug/L	0.024	2	5	5036	1	KED
[	Ni	60	17.269	ug/L	0.353	2	37	24421	1	KED
[	Ni	62	16.879	ug/L	0.267	1	6	3904	0	KED
[	Cu	63	3.011	ug/L	0.059	1	150	12578	1	KED
[	Cu	65	3.048	ug/L	0.090	2	82	6333	1	KED
[	Zn	66	59.457	ug/L	0.788	1	218	34851	1	KED
[	Zn	67	57.102	ug/L	1.068	1	32	5546	2	KED
[	As	75	0.310	ug/L	0.018	5	3	93	5	KED
[	Se	78	0.019	ug/L	0.093	483	14	13	23	KED
	Y	89		ug/L			716574	656558	2	Standard
	Kr	83		ug/L			281	328	7	Standard
[>	In-1	115		ug/L			26143	22491	1	KED
[	Mo	98	4.763	ug/L	0.035	0	7	7068	2	KED
[	Cd	111	0.440	ug/L	0.041	9	4	151	10	KED
[	Cd	114	0.466	ug/L	0.047	10	4	408	8	KED
[>	In	115		ug/L			1390988	1322008	3	Standard
[	Ag	107	0.057	ug/L	0.006	10	42	941	7	Standard
[	Sb	121	0.280	ug/L	0.011	3	401	5886	0	Standard
[	Sb	123	0.288	ug/L	0.004	1	306	4614	2	Standard
[	Ba	135	22.307	ug/L	0.518	2	72	154830	1	Standard
[	Ba	137	21.713	ug/L	0.522	2	142	266244	1	Standard
[>	Tb	159		ug/L			2935826	2833446	0	Standard
[	Tl	205	-0.001	ug/L	0.000	14	144	86	7	Standard
[	Pb	208	0.159	ug/L	0.002	1	1069	20018	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0184-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:15:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1160877	1	Standard
[	Be	9	0.004	ug/L	0.001	24	4	31	21	Standard
	C	13		ug/L			26149	2522762	1	Standard
	Cl	37		ug/L			7203780	7097623	0	Standard
[>	Sc	45		ug/L			1411304	1653912	0	Standard
[	V	51	7.603	ug/L	0.138	1	6817	282040	1	Standard
[	V-1	51	6.749	ug/L	0.147	2	591	246701	1	Standard
[	Cr	52	5.878	ug/L	0.092	1	20282	205552	1	Standard
[	Cr	53	3.193	ug/L	0.050	1	300	11926	1	Standard
[	Fe	54	395.137	ug/L	6.426	1	99061	1506346	1	Standard
[	Fe	57	412.708	ug/L	8.924	2	23749	572968	1	Standard
[	Mn	55	11.867	ug/L	0.175	1	924	557697	1	Standard
[>	Ge	72		ug/L			92215	86241	0	KED
[	Co	59	0.182	ug/L	0.011	5	5	939	6	KED
[	Ni	60	2.367	ug/L	0.083	3	37	3553	4	KED
[	Ni	62	2.543	ug/L	0.154	6	6	624	6	KED
[	Cu	63	8.802	ug/L	0.053	0	150	38427	1	KED
[	Cu	65	8.884	ug/L	0.251	2	82	19277	2	KED
[	Zn	66	54.803	ug/L	0.441	0	218	33822	1	KED
[	Zn	67	51.682	ug/L	0.768	1	32	5284	1	KED
[	As	75	0.848	ug/L	0.008	0	3	265	0	KED
[	Se	78	-0.007	ug/L	0.033	475	14	13	8	KED
	Y	89		ug/L			716574	707525	1	Standard
	Kr	83		ug/L			281	311	2	Standard
[>	In-1	115		ug/L			26143	23899	0	KED
[	Mo	98	0.614	ug/L	0.039	6	7	974	6	KED
[	Cd	111	0.022	ug/L	0.005	25	4	11	16	KED
[	Cd	114	0.035	ug/L	0.012	35	4	35	30	KED
[>	In	115		ug/L			1390988	1399593	1	Standard
[	Ag	107	0.006	ug/L	0.001	22	42	144	16	Standard
[	Sb	121	0.147	ug/L	0.003	1	401	3453	1	Standard
[	Sb	123	0.148	ug/L	0.006	3	306	2664	4	Standard
[	Ba	135	8.601	ug/L	0.167	1	72	63271	0	Standard
[	Ba	137	8.328	ug/L	0.091	1	142	108243	0	Standard
[>	Tb	159		ug/L			2935826	2905264	0	Standard
[	Tl	205	0.004	ug/L	0.000	13	144	471	9	Standard
[	Pb	208	1.415	ug/L	0.005	0	1069	174212	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0147-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:21:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1212668	1	Standard
[	Be	9	0.002	ug/L	0.001	47	4	21	36	Standard
	C	13		ug/L			26149	69176	3	Standard
	Cl	37		ug/L			7203780	7939271	0	Standard
[>	Sc	45		ug/L			1411304	1620220	0	Standard
[	V	51	2.477	ug/L	0.029	1	6817	95312	1	Standard
[	V-1	51	2.781	ug/L	0.022	0	591	99993	1	Standard
[	Cr	52	1.087	ug/L	0.029	2	20282	56214	2	Standard
[	Cr	53	2.113	ug/L	0.013	0	300	7849	1	Standard
[	Fe	54	616.669	ug/L	5.556	0	99061	2239325	1	Standard
[	Fe	57	748.231	ug/L	9.458	1	23749	995529	1	Standard
[	Mn	55	247.059	ug/L	4.625	1	924	11352302	1	Standard
[>	Ge	72		ug/L			92215	76787	1	KED
[	Co	59	5.148	ug/L	0.081	1	5	23544	0	KED
[	Ni	60	16.536	ug/L	0.074	0	37	21913	0	KED
[	Ni	62	16.373	ug/L	0.386	2	6	3548	2	KED
[	Cu	63	0.264	ug/L	0.021	8	150	1147	5	KED
[	Cu	65	0.265	ug/L	0.006	2	82	579	0	KED
[	Zn	66	2.019	ug/L	0.043	2	218	1284	1	KED
[	Zn	67	7.315	ug/L	0.500	6	32	688	5	KED
[	As	75	0.721	ug/L	0.076	10	3	201	9	KED
[	Se	78	181.194	ug/L	1.916	1	14	5567	0	KED
	Y	89		ug/L			716574	655220	0	Standard
	Kr	83		ug/L			281	304	7	Standard
[>	In-1	115		ug/L			26143	21824	0	KED
[	Mo	98	0.852	ug/L	0.032	3	7	1232	3	KED
[	Cd	111	0.029	ug/L	0.006	21	4	13	15	KED
[	Cd	114	0.018	ug/L	0.008	44	4	18	35	KED
[>	In	115		ug/L			1390988	1281974	1	Standard
[	Ag	107	0.001	ug/L	0.001	56	42	55	17	Standard
[	Sb	121	0.048	ug/L	0.002	4	401	1294	4	Standard
[	Sb	123	0.048	ug/L	0.001	2	306	975	1	Standard
[	Ba	135	109.535	ug/L	1.975	1	72	737271	1	Standard
[	Ba	137	107.786	ug/L	2.435	2	142	1281629	1	Standard
[>	Tb	159		ug/L			2935826	2763413	0	Standard
[	Tl	205	0.004	ug/L	0.000	9	144	500	6	Standard
[	Pb	208	0.024	ug/L	0.001	4	1069	3745	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0147-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:26:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1113853	1052318	2	Standard
⌊	Be	9	0.000	ug/L	0.000	99	4	6	34	Standard
	C	13		ug/L			26149	52392	1	Standard
	Cl	37		ug/L			7203780	8634573	0	Standard
⌈>	Sc	45		ug/L			1411304	1545777	1	Standard
|	V	51	1.222	ug/L	0.029	2	6817	48627	1	Standard
|	V-1	51	1.766	ug/L	0.033	1	591	60805	1	Standard
|	Cr	52	0.133	ug/L	0.016	12	20282	26046	0	Standard
|	Cr	53	1.921	ug/L	0.040	2	300	6837	1	Standard
|	Fe	54	53.245	ug/L	1.540	2	99061	283586	1	Standard
|	Fe	57	281.079	ug/L	4.123	1	23749	372989	0	Standard
⌊	Mn	55	0.601	ug/L	0.008	1	924	27346	0	Standard
⌈>	Ge	72		ug/L			92215	76142	0	KED
|	Co	59	0.077	ug/L	0.006	7	5	354	7	KED
|	Ni	60	2.791	ug/L	0.087	3	37	3692	2	KED
|	Ni	62	2.759	ug/L	0.153	5	6	597	5	KED
|	Cu	63	0.485	ug/L	0.013	2	150	1985	2	KED
|	Cu	65	0.497	ug/L	0.017	3	82	1017	2	KED
|	Zn	66	0.563	ug/L	0.037	6	218	485	4	KED
|	Zn	67	4.435	ug/L	0.375	8	32	424	7	KED
|	As	75	0.127	ug/L	0.012	9	3	37	8	KED
⌊	Se	78	18.310	ug/L	0.186	1	14	568	0	KED
	Y	89		ug/L			716574	637561	0	Standard
	Kr	83		ug/L			281	271	11	Standard
⌈>	In-1	115		ug/L			26143	21351	0	KED
|	Mo	98	2.046	ug/L	0.021	1	7	2885	1	KED
|	Cd	111	0.002	ug/L	0.010	614	4	4	74	KED
⌊	Cd	114	0.008	ug/L	0.005	64	4	10	42	KED
⌈>	In	115		ug/L			1390988	1274883	0	Standard
|	Ag	107	0.003	ug/L	0.001	25	42	80	12	Standard
|	Sb	121	0.066	ug/L	0.006	8	401	1624	6	Standard
|	Sb	123	0.063	ug/L	0.002	3	306	1199	2	Standard
|	Ba	135	82.824	ug/L	1.323	1	72	554434	0	Standard
⌊	Ba	137	80.971	ug/L	2.272	2	142	957490	1	Standard
⌈>	Tb	159		ug/L			2935826	2717694	0	Standard
|	Tl	205	0.021	ug/L	0.001	2	144	2000	2	Standard
⌊	Pb	208	0.162	ug/L	0.000	0	1069	19483	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0147-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:31:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1062128	3	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	59	4	8	26	Standard
	C	**13**		ug/L			26149	49533	2	Standard
	Cl	**37**		ug/L			7203780	8268133	1	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1495186	0	Standard
⌈	**V**	**51**	**5.114**	ug/L	0.077	1	6817	173888	1	Standard
⌊	**V-1**	**51**	**5.582**	ug/L	0.079	1	591	184570	1	Standard
⌈	**Cr**	**52**	**0.219**	ug/L	0.007	3	20282	27607	0	Standard
⌊	**Cr**	**53**	**1.897**	ug/L	0.026	1	300	6535	1	Standard
⌈	**Fe**	**54**	**8.847**	ug/L	0.499	5	99061	133093	1	Standard
⌊	**Fe**	**57**	**192.770**	ug/L	3.097	1	23749	255361	1	Standard
⌊	**Mn**	**55**	**0.319**	ug/L	0.009	2	924	14489	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	78240	0	KED
⌈	**Co**	**59**	**0.039**	ug/L	0.005	13	5	184	13	KED
⌊	**Ni**	**60**	**0.635**	ug/L	0.025	3	37	887	4	KED
⌈	**Ni**	**62**	**0.592**	ug/L	0.098	16	6	135	16	KED
⌊	**Cu**	**63**	**2.401**	ug/L	0.038	1	150	9601	2	KED
⌈	**Cu**	**65**	**2.402**	ug/L	0.087	3	82	4779	3	KED
⌊	**Zn**	**66**	**1.331**	ug/L	0.026	1	218	925	1	KED
⌈	**Zn**	**67**	**4.533**	ug/L	0.433	9	32	445	9	KED
⌊	**As**	**75**	**0.680**	ug/L	0.018	2	3	193	3	KED
⌈	**Se**	**78**	**12.835**	ug/L	0.427	3	14	413	3	KED
	Y	**89**		ug/L			716574	635086	0	Standard
	Kr	**83**		ug/L			281	260	2	Standard
⌈>	**In-1**	**115**		ug/L			26143	21710	1	KED
⌈	**Mo**	**98**	**64.047**	ug/L	0.527	0	7	91662	0	KED
⌊	**Cd**	**111**	**0.025**	ug/L	0.007	28	4	11	20	KED
⌊	**Cd**	**114**	**0.018**	ug/L	0.010	55	4	19	45	KED
⌈>	**In**	**115**		ug/L			1390988	1292296	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.000	12	42	74	5	Standard
⌈	**Sb**	**121**	**0.046**	ug/L	0.005	10	401	1264	8	Standard
⌊	**Sb**	**123**	**0.051**	ug/L	0.003	5	306	1038	4	Standard
⌈	**Ba**	**135**	**63.086**	ug/L	0.518	0	72	428105	0	Standard
⌊	**Ba**	**137**	**60.945**	ug/L	0.754	1	142	730606	0	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2738168	0	Standard
⌈	**Tl**	**205**	**0.016**	ug/L	0.001	4	144	1588	4	Standard
⌊	**Pb**	**208**	**0.071**	ug/L	0.000	0	1069	9165	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0147-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:36:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1055722	2	Standard
[	Be	9	0.002	ug/L	0.001	26	4	17	19	Standard
	C	13		ug/L			26149	48037	2	Standard
	Cl	37		ug/L			7203780	8757007	0	Standard
[>	Sc	45		ug/L			1411304	1518514	1	Standard
[	V	51	1.483	ug/L	0.017	1	6817	56423	0	Standard
[	V-1	51	2.156	ug/L	0.021	0	591	72803	1	Standard
[	Cr	52	0.238	ug/L	0.017	7	20282	28591	1	Standard
[	Cr	53	2.447	ug/L	0.059	2	300	8469	3	Standard
[	Fe	54	9.050	ug/L	0.274	3	99061	135825	1	Standard
[	Fe	57	253.881	ug/L	1.397	0	23749	333470	1	Standard
[	Mn	55	8.208	ug/L	0.140	1	924	354484	2	Standard
[>	Ge	72		ug/L			92215	74374	0	KED
[	Co	59	0.123	ug/L	0.009	7	5	551	8	KED
[	Ni	60	1.844	ug/L	0.072	3	37	2393	3	KED
[	Ni	62	1.835	ug/L	0.111	6	6	389	6	KED
[	Cu	63	0.564	ug/L	0.007	1	150	2236	0	KED
[	Cu	65	0.576	ug/L	0.014	2	82	1140	1	KED
[	Zn	66	1.536	ug/L	0.106	6	218	988	4	KED
[	Zn	67	4.490	ug/L	0.281	6	32	419	5	KED
[	As	75	0.262	ug/L	0.016	5	3	72	4	KED
[	Se	78	45.576	ug/L	1.226	2	14	1365	2	KED
	Y	89		ug/L			716574	630128	1	Standard
	Kr	83		ug/L			281	279	5	Standard
[>	In-1	115		ug/L			26143	20901	0	KED
[	Mo	98	3.082	ug/L	0.077	2	7	4252	1	KED
[	Cd	111	0.011	ug/L	0.009	79	4	6	39	KED
[	Cd	114	0.010	ug/L	0.003	26	4	11	19	KED
[>	In	115		ug/L			1390988	1280972	0	Standard
[	Ag	107	0.003	ug/L	0.001	40	42	83	20	Standard
[	Sb	121	0.058	ug/L	0.004	7	401	1479	4	Standard
[	Sb	123	0.060	ug/L	0.006	9	306	1161	7	Standard
[	Ba	135	72.801	ug/L	0.915	1	72	489696	0	Standard
[	Ba	137	70.770	ug/L	0.236	0	142	841016	1	Standard
[>	Tb	159		ug/L			2935826	2702319	0	Standard
[	Tl	205	0.007	ug/L	0.000	1	144	761	0	Standard
[	Pb	208	2.190	ug/L	0.029	1	1069	250169	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:41:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	1072197	2	Standard
	Be	9	0.002	ug/L	0.001	47	4	19	36	Standard
	C	13		ug/L			26149	46650	2	Standard
	Cl	37		ug/L			7203780	8777274	0	Standard
>	Sc	45		ug/L			1411304	1507057	0	Standard
	V	51	1.521	ug/L	0.011	0	6817	57258	1	Standard
	V-1	51	2.201	ug/L	0.017	0	591	73748	0	Standard
	Cr	52	0.294	ug/L	0.018	6	20282	29954	1	Standard
	Cr	53	2.525	ug/L	0.055	2	300	8658	1	Standard
	Fe	54	12.958	ug/L	0.717	5	99061	147316	0	Standard
	Fe	57	267.396	ug/L	3.660	1	23749	347213	1	Standard
	Mn	55	8.426	ug/L	0.113	1	924	361076	0	Standard
>	Ge	72		ug/L			92215	75057	0	KED
	Co	59	0.120	ug/L	0.012	9	5	538	9	KED
	Ni	60	1.906	ug/L	0.078	4	37	2496	3	KED
	Ni	62	2.059	ug/L	0.234	11	6	440	10	KED
	Cu	63	0.592	ug/L	0.022	3	150	2364	3	KED
	Cu	65	0.594	ug/L	0.023	3	82	1185	3	KED
	Zn	66	1.716	ug/L	0.081	4	218	1094	3	KED
	Zn	67	5.271	ug/L	0.297	5	32	492	5	KED
	As	75	0.268	ug/L	0.023	8	3	74	7	KED
	Se	78	46.888	ug/L	1.763	3	14	1417	4	KED
	Y	89		ug/L			716574	625510	0	Standard
	Kr	83		ug/L			281	268	12	Standard
>	In-1	115		ug/L			26143	21089	0	KED
	Mo	98	3.067	ug/L	0.047	1	7	4269	1	KED
	Cd	111	0.016	ug/L	0.008	50	4	8	29	KED
	Cd	114	0.008	ug/L	0.007	89	4	9	58	KED
>	In	115		ug/L			1390988	1277271	1	Standard
	Ag	107	0.003	ug/L	0.001	16	42	86	10	Standard
	Sb	121	0.062	ug/L	0.002	3	401	1549	3	Standard
	Sb	123	0.066	ug/L	0.003	4	306	1244	3	Standard
	Ba	135	73.357	ug/L	0.424	0	72	492045	1	Standard
	Ba	137	71.817	ug/L	0.406	0	142	850936	0	Standard
>	Tb	159		ug/L			2935826	2731074	0	Standard
	Tl	205	0.008	ug/L	0.000	1	144	800	1	Standard
	Pb	208	2.187	ug/L	0.016	0	1069	252473	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:47:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1023181	2	Standard
[	Be	9	21.975	ug/L	0.457	2	4	135128	1	Standard
	C	13		ug/L			26149	45399	1	Standard
	Cl	37		ug/L			7203780	8473489	0	Standard
[>	Sc	45		ug/L			1411304	1484462	0	Standard
[	V	51	22.176	ug/L	0.403	1	6817	724648	1	Standard
[	V-1	51	23.035	ug/L	0.357	1	591	754296	1	Standard
[	Cr	52	20.511	ug/L	0.513	2	20282	590579	1	Standard
[	Cr	53	23.333	ug/L	0.280	1	300	76216	0	Standard
[	Fe	54	4351.459	ug/L	12.540	0	99061	13846228	0	Standard
[	Fe	57	4928.195	ug/L	11.777	0	23749	5867847	0	Standard
[	Mn	55	28.704	ug/L	0.384	1	924	1209349	1	Standard
[>	Ge	72		ug/L			92215	75551	1	KED
[	Co	59	25.582	ug/L	0.355	1	5	115105	0	KED
[	Ni	60	25.822	ug/L	0.295	1	37	33649	1	KED
[	Ni	62	25.335	ug/L	0.622	2	6	5398	1	KED
[	Cu	63	23.317	ug/L	0.379	1	150	88956	0	KED
[	Cu	65	23.396	ug/L	0.132	0	82	44366	1	KED
[	Zn	66	70.237	ug/L	0.390	0	218	37920	0	KED
[	Zn	67	69.238	ug/L	1.123	1	32	6192	0	KED
[	As	75	24.180	ug/L	0.286	1	3	6563	0	KED
[	Se	78	118.450	ug/L	0.855	0	14	3585	1	KED
	Y	89		ug/L			716574	620807	2	Standard
	Kr	83		ug/L			281	281	18	Standard
[>	In-1	115		ug/L			26143	21213	1	KED
[	Mo	98	28.000	ug/L	0.488	1	7	39160	1	KED
[	Cd	111	23.036	ug/L	0.029	0	4	7306	1	KED
[	Cd	114	23.017	ug/L	0.169	0	4	18903	1	KED
[>	In	115		ug/L			1390988	1265294	1	Standard
[	Ag	107	22.800	ug/L	0.295	1	42	345955	1	Standard
[	Sb	121	23.865	ug/L	0.606	2	401	449268	1	Standard
[	Sb	123	24.332	ug/L	1.016	4	306	350121	2	Standard
[	Ba	135	93.836	ug/L	1.340	1	72	623404	0	Standard
[	Ba	137	92.003	ug/L	1.887	2	142	1079790	1	Standard
[>	Tb	159		ug/L			2935826	2705672	0	Standard
[	Tl	205	21.147	ug/L	0.071	0	144	1841412	0	Standard
[	Pb	208	22.867	ug/L	0.103	0	1069	2606179	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLH
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:55:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1182978	3	Standard
	Be	**9**	**-0.000**	ug/L	0.000	398	4	4	24	Standard
	C	**13**		ug/L			26149	25991	0	Standard
	Cl	**37**		ug/L			7203780	7944970	0	Standard
>	**Sc**	**45**		ug/L			1411304	1418894	1	Standard
	V	**51**	**-0.010**	ug/L	0.001	11	6817	6551	1	Standard
	V-1	**51**	**0.065**	ug/L	0.002	2	591	2627	1	Standard
	Cr	**52**	**-0.034**	ug/L	0.004	12	20282	19498	1	Standard
	Cr	**53**	**0.208**	ug/L	0.005	2	300	948	1	Standard
	Fe	**54**	**-2.501**	ug/L	0.372	14	99061	92037	1	Standard
	Fe	**57**	**-2.347**	ug/L	0.417	17	23749	21214	1	Standard
	Mn	**55**	**-0.003**	ug/L	0.000	8	924	791	0	Standard
>	**Ge**	**72**		ug/L			92215	87032	2	KED
	Co	**59**	**-0.000**	ug/L	0.000	100	5	2	86	KED
	Ni	**60**	**-0.009**	ug/L	0.006	65	37	22	38	KED
	Ni	**62**	**0.015**	ug/L	0.008	58	6	9	20	KED
	Cu	**63**	**-0.016**	ug/L	0.002	11	150	72	9	KED
	Cu	**65**	**-0.018**	ug/L	0.006	31	82	38	35	KED
	Zn	**66**	**-0.188**	ug/L	0.010	5	218	89	7	KED
	Zn	**67**	**-0.180**	ug/L	0.012	6	32	12	9	KED
	As	**75**	**-0.003**	ug/L	0.005	157	3	1	75	KED
	Se	**78**	**-0.112**	ug/L	0.076	67	14	9	25	KED
	Y	**89**		ug/L			716574	681397	1	Standard
	Kr	**83**		ug/L			281	261	13	Standard
>	**In-1**	**115**		ug/L			26143	23593	1	KED
	Mo	**98**	**0.000**	ug/L	0.002	401	7	7	39	KED
	Cd	**111**	**-0.001**	ug/L	0.006	1045	4	3	50	KED
	Cd	**114**	**0.000**	ug/L	0.001	349	4	4	25	KED
>	**In**	**115**		ug/L			1390988	1346748	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	63	42	63	23	Standard
	Sb	**121**	**-0.014**	ug/L	0.001	5	401	102	15	Standard
	Sb	**123**	**-0.014**	ug/L	0.001	4	306	76	12	Standard
	Ba	**135**	**-0.005**	ug/L	0.001	12	72	38	10	Standard
	Ba	**137**	**-0.005**	ug/L	0.001	11	142	71	11	Standard
>	**Tb**	**159**		ug/L			2935826	2755545	0	Standard
	Tl	**205**	**-0.001**	ug/L	0.000	28	144	80	18	Standard
	Pb	**208**	**-0.003**	ug/L	0.000	3	1069	682	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:00:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1135012	2	Standard
[	**Be**	**9**	**48.860**	ug/L	0.954	1	4	333439	3	Standard
	C	**13**		ug/L			26149	26383	0	Standard
	Cl	**37**		ug/L			7203780	7685469	2	Standard
[>	**Sc**	**45**		ug/L			1411304	1393394	3	Standard
[	**V**	**51**	**49.826**	ug/L	1.622	3	6817	1519055	2	Standard
[	**V-1**	**51**	**49.922**	ug/L	1.487	2	591	1532911	2	Standard
[	**Cr**	**52**	**49.544**	ug/L	1.563	3	20282	1310180	3	Standard
[	**Cr**	**53**	**49.865**	ug/L	1.151	2	300	152481	2	Standard
[	**Fe**	**54**	**5240.676**	ug/L	128.885	2	99061	15624110	2	Standard
[	**Fe**	**57**	**5517.076**	ug/L	165.798	3	23749	6158456	0	Standard
[	**Mn**	**55**	**53.423**	ug/L	2.931	5	924	2112589	7	Standard
[>	**Ge**	**72**		ug/L			92215	88287	0	KED
[	**Co**	**59**	**50.397**	ug/L	0.662	1	5	265026	1	KED
[	**Ni**	**60**	**50.441**	ug/L	0.419	0	37	76783	1	KED
[	**Ni**	**62**	**49.728**	ug/L	0.271	0	6	12379	0	KED
[	**Cu**	**63**	**49.560**	ug/L	0.299	0	150	220822	0	KED
[	**Cu**	**65**	**50.226**	ug/L	0.649	1	82	111219	1	KED
[	**Zn**	**66**	**51.671**	ug/L	0.636	1	218	32656	1	KED
[	**Zn**	**67**	**51.354**	ug/L	2.172	4	32	5375	3	KED
[	**As**	**75**	**49.004**	ug/L	0.418	0	3	15543	0	KED
[	**Se**	**78**	**49.578**	ug/L	0.536	1	14	1761	1	KED
	Y	**89**		ug/L			716574	696129	1	Standard
	Kr	**83**		ug/L			281	313	4	Standard
[>	**In-1**	**115**		ug/L			26143	23822	1	KED
[	**Mo**	**98**	**49.647**	ug/L	0.364	0	7	77966	0	KED
[	**Cd**	**111**	**50.515**	ug/L	0.317	0	4	17987	0	KED
[	**Cd**	**114**	**50.266**	ug/L	1.006	2	4	46344	0	KED
[>	**In**	**115**		ug/L			1390988	1354688	2	Standard
[	**Ag**	**107**	**49.218**	ug/L	1.431	2	42	799592	4	Standard
[	**Sb**	**121**	**50.236**	ug/L	1.426	2	401	1012000	2	Standard
[	**Sb**	**123**	**51.075**	ug/L	1.030	2	306	786890	3	Standard
[	**Ba**	**135**	**47.205**	ug/L	0.589	1	72	335783	2	Standard
[	**Ba**	**137**	**46.493**	ug/L	0.696	1	142	584178	1	Standard
[>	**Tb**	**159**		ug/L			2935826	2884557	1	Standard
[	**Tl**	**205**	**51.677**	ug/L	1.040	2	144	4796614	2	Standard
[	**Pb**	**208**	**48.691**	ug/L	0.353	0	1069	5915715	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:08:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1147457	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	164	4	6	56	Standard
	C	**13**		ug/L			26149	25732	1	Standard
	Cl	**37**		ug/L			7203780	7565965	1	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1428553	1	Standard
⎢	**V**	**51**	**-0.019**	ug/L	0.004	18	6817	6322	0	Standard
⎢	**V-1**	**51**	**0.029**	ug/L	0.002	6	591	1516	2	Standard
⎢	**Cr**	**52**	**-0.069**	ug/L	0.013	19	20282	18676	2	Standard
⎢	**Cr**	**53**	**0.086**	ug/L	0.007	8	300	573	4	Standard
⎢	**Fe**	**54**	**-2.626**	ug/L	0.726	27	99061	92277	1	Standard
⎢	**Fe**	**57**	**-5.101**	ug/L	0.235	4	23749	18218	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	51	924	968	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	87558	1	KED
⎢	**Co**	**59**	**0.000**	ug/L	0.001	335	5	6	103	KED
⎢	**Ni**	**60**	**-0.000**	ug/L	0.008	2139	37	34	31	KED
⎢	**Ni**	**62**	**0.017**	ug/L	0.020	118	6	10	47	KED
⎢	**Cu**	**63**	**-0.002**	ug/L	0.002	64	150	132	3	KED
⎢	**Cu**	**65**	**-0.002**	ug/L	0.004	203	82	74	11	KED
⎢	**Zn**	**66**	**0.007**	ug/L	0.016	211	218	212	5	KED
⎢	**Zn**	**67**	**0.052**	ug/L	0.083	158	32	36	24	KED
⎢	**As**	**75**	**0.003**	ug/L	0.001	47	3	3	12	KED
⌊	**Se**	**78**	**-0.101**	ug/L	0.120	119	14	10	39	KED
	Y	**89**		ug/L			716574	708698	1	Standard
	Kr	**83**		ug/L			281	280	3	Standard
⌈>	**In-1**	**115**		ug/L			26143	24728	1	KED
⎢	**Mo**	**98**	**0.007**	ug/L	0.001	19	7	18	12	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.003	63	4	2	43	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.006	165	4	7	75	KED
⌈>	**In**	**115**		ug/L			1390988	1369749	1	Standard
⎢	**Ag**	**107**	**0.002**	ug/L	0.001	81	42	68	30	Standard
⎢	**Sb**	**121**	**0.040**	ug/L	0.001	2	401	1201	3	Standard
⎢	**Sb**	**123**	**0.043**	ug/L	0.001	2	306	965	2	Standard
⎢	**Ba**	**135**	**0.004**	ug/L	0.001	22	72	98	7	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.000	5	142	180	2	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2867517	0	Standard
⎢	**Tl**	**205**	**0.001**	ug/L	0.000	44	144	207	13	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	7	1069	635	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:12:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1294823	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	41	4	10	20	Standard
	C	**13**		ug/L			26149	37460	1	Standard
	Cl	**37**		ug/L			7203780	7658072	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1593196	0	Standard
⌈	**V**	**51**	**-0.009**	ug/L	0.003	32	6817	7373	0	Standard
⌊	**V-1**	**51**	**0.018**	ug/L	0.002	10	591	1297	4	Standard
⌈	**Cr**	**52**	**-0.028**	ug/L	0.010	35	20282	22062	0	Standard
⌊	**Cr**	**53**	**0.060**	ug/L	0.008	12	300	550	4	Standard
⌈	**Fe**	**54**	**68.732**	ug/L	2.644	3	99061	344786	2	Standard
⌊	**Fe**	**57**	**-6.381**	ug/L	0.203	3	23749	18689	0	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.002	9	924	1890	3	Standard
⌈>	**Ge**	**72**		ug/L			92215	92062	0	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	435	5	6	86	KED
⌊	**Ni**	**60**	**-0.009**	ug/L	0.003	33	37	23	20	KED
⌈	**Ni**	**62**	**0.015**	ug/L	0.004	27	6	10	10	KED
⌈	**Cu**	**63**	**0.026**	ug/L	0.000	0	150	272	0	KED
⌊	**Cu**	**65**	**0.022**	ug/L	0.004	18	82	132	7	KED
⌈	**Zn**	**66**	**0.080**	ug/L	0.038	47	218	270	9	KED
⌊	**Zn**	**67**	**0.053**	ug/L	0.031	58	32	38	8	KED
⌈	**As**	**75**	**0.003**	ug/L	0.001	27	3	3	6	KED
⌊	**Se**	**78**	**-0.052**	ug/L	0.048	92	14	12	13	KED
	Y	**89**		ug/L			716574	776982	1	Standard
	Kr	**83**		ug/L			281	323	1	Standard
⌈>	**In-1**	**115**		ug/L			26143	26210	0	KED
⌈	**Mo**	**98**	**-0.001**	ug/L	0.001	105	7	6	16	KED
⌈	**Cd**	**111**	**-0.005**	ug/L	0.003	57	4	2	43	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	54	4	2	47	KED
⌈>	**In**	**115**		ug/L			1390988	1521742	1	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.001	27	42	128	16	Standard
⌈	**Sb**	**121**	**0.009**	ug/L	0.001	14	401	644	6	Standard
⌊	**Sb**	**123**	**0.013**	ug/L	0.002	13	306	553	4	Standard
⌈	**Ba**	**135**	**-0.003**	ug/L	0.001	40	72	53	21	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.000	6	142	71	9	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3056655	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	17	144	85	13	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.000	3	1069	537	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:17:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1262620	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	78	4	8	32	Standard
	C	**13**		ug/L			26149	37843	0	Standard
	Cl	**37**		ug/L			7203780	7669378	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1574573	0	Standard
⌈	**V**	**51**	**-0.012**	ug/L	0.003	22	6817	7200	1	Standard
⌊	**V-1**	**51**	**0.014**	ug/L	0.001	6	591	1134	1	Standard
⌈	**Cr**	**52**	**-0.036**	ug/L	0.008	22	20282	21579	1	Standard
⌊	**Cr**	**53**	**0.047**	ug/L	0.001	1	300	498	0	Standard
⌈	**Fe**	**54**	**70.284**	ug/L	0.843	1	99061	345973	1	Standard
⌊	**Fe**	**57**	**-6.438**	ug/L	0.140	2	23749	18401	1	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.002	8	924	1898	4	Standard
⌈>	**Ge**	**72**		ug/L			92215	90875	0	KED
⌈	**Co**	**59**	**0.002**	ug/L	0.001	32	5	13	20	KED
⌊	**Ni**	**60**	**-0.005**	ug/L	0.005	98	37	29	26	KED
⌈	**Ni**	**62**	**-0.007**	ug/L	0.004	60	6	4	24	KED
⌈	**Cu**	**63**	**0.020**	ug/L	0.004	18	150	241	6	KED
⌊	**Cu**	**65**	**0.025**	ug/L	0.002	9	82	137	3	KED
⌈	**Zn**	**66**	**0.037**	ug/L	0.027	71	218	239	7	KED
⌊	**Zn**	**67**	**0.046**	ug/L	0.084	182	32	36	24	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.003	358	3	2	36	KED
⌊	**Se**	**78**	**0.012**	ug/L	0.030	259	14	14	7	KED
	Y	**89**		ug/L			716574	768576	1	Standard
	Kr	**83**		ug/L			281	315	5	Standard
⌈>	**In-1**	**115**		ug/L			26143	25780	0	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.003	1837	7	7	73	KED
⌊	**Cd**	**111**	**0.000**	ug/L	0.001	876	4	4	12	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.004	333	4	3	130	KED
⌈>	**In**	**115**		ug/L			1390988	1499802	0	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.000	13	42	111	8	Standard
⌈	**Sb**	**121**	**-0.007**	ug/L	0.002	26	401	287	13	Standard
⌊	**Sb**	**123**	**-0.006**	ug/L	0.001	9	306	223	4	Standard
⌈	**Ba**	**135**	**-0.004**	ug/L	0.002	38	72	45	28	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.001	10	142	76	11	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3090749	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	4	144	70	5	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.000	7	1069	509	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:22:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1277890	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	134	4	10	71	Standard
	C	**13**		ug/L			26149	37641	2	Standard
	Cl	**37**		ug/L			7203780	7730164	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1555036	2	Standard
⌈	**V**	**51**	**-0.010**	ug/L	0.002	19	6817	7165	1	Standard
⌊	**V-1**	**51**	**0.011**	ug/L	0.001	12	591	1026	2	Standard
⌈	**Cr**	**52**	**-0.019**	ug/L	0.006	33	20282	21804	1	Standard
⌊	**Cr**	**53**	**0.050**	ug/L	0.005	9	300	500	1	Standard
⌈	**Fe**	**54**	**70.073**	ug/L	1.046	1	99061	340961	2	Standard
⌊	**Fe**	**57**	**-6.704**	ug/L	0.186	2	23749	17839	1	Standard
⌈	**Mn**	**55**	**0.020**	ug/L	0.002	8	924	1882	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	90226	1	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	285	5	6	83	KED
⌊	**Ni**	**60**	**-0.006**	ug/L	0.004	71	37	27	26	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.009	293	6	6	31	KED
⌈	**Cu**	**63**	**0.022**	ug/L	0.004	19	150	246	8	KED
⌊	**Cu**	**65**	**0.019**	ug/L	0.005	28	82	124	10	KED
⌈	**Zn**	**66**	**-0.001**	ug/L	0.019	3736	218	213	5	KED
⌊	**Zn**	**67**	**0.037**	ug/L	0.033	90	32	35	8	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.002	144	3	2	21	KED
⌊	**Se**	**78**	**-0.116**	ug/L	0.021	18	14	10	9	KED
	Y	**89**		ug/L			716574	771365	1	Standard
	Kr	**83**		ug/L			281	311	6	Standard
⌈>	**In-1**	**115**		ug/L			26143	26006	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.001	45	7	3	54	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.008	250	4	3	96	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.003	143	4	2	129	KED
⌈>	**In**	**115**		ug/L			1390988	1508754	3	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.001	28	42	110	19	Standard
⌈	**Sb**	**121**	**-0.011**	ug/L	0.000	3	401	190	2	Standard
⌊	**Sb**	**123**	**-0.010**	ug/L	0.001	6	306	163	7	Standard
⌈	**Ba**	**135**	**-0.004**	ug/L	0.001	35	72	48	21	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.001	9	142	75	10	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3089287	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	22	144	71	26	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.000	3	1069	504	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:26:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1067860	3	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	100	4	3	34	Standard
	C	**13**		ug/L			26149	26243	1	Standard
	Cl	**37**		ug/L			7203780	7464884	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1312968	1	Standard
⌈	**V**	**51**	**-0.015**	ug/L	0.004	29	6817	5915	3	Standard
⌊	**V-1**	**51**	**0.016**	ug/L	0.001	4	591	1007	2	Standard
⌈	**Cr**	**52**	**-0.057**	ug/L	0.008	13	20282	17461	2	Standard
⌊	**Cr**	**53**	**0.043**	ug/L	0.008	18	300	403	4	Standard
⌈	**Fe**	**54**	**-19.851**	ug/L	0.195	0	99061	36707	0	Standard
⌊	**Fe**	**57**	**-6.053**	ug/L	0.458	7	23749	15742	1	Standard
⌈	**Mn**	**55**	**-0.009**	ug/L	0.001	7	924	515	4	Standard
⌈>	**Ge**	**72**		ug/L			92215	85583	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	71	5	3	34	KED
⌊	**Ni**	**60**	**-0.010**	ug/L	0.011	114	37	20	80	KED
⌈	**Ni**	**62**	**-0.006**	ug/L	0.005	81	6	4	24	KED
⌈	**Cu**	**63**	**-0.020**	ug/L	0.003	13	150	54	23	KED
⌊	**Cu**	**65**	**-0.022**	ug/L	0.004	18	82	29	32	KED
⌈	**Zn**	**66**	**-0.145**	ug/L	0.011	7	218	114	4	KED
⌊	**Zn**	**67**	**-0.083**	ug/L	0.097	116	32	21	44	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.003	355	3	2	39	KED
⌊	**Se**	**78**	**-0.051**	ug/L	0.094	186	14	11	26	KED
	Y	**89**		ug/L			716574	652188	2	Standard
	Kr	**83**		ug/L			281	283	4	Standard
⌈>	**In-1**	**115**		ug/L			26143	23517	1	KED
⌈	**Mo**	**98**	**-0.003**	ug/L	0.001	29	7	2	37	KED
⌈	**Cd**	**111**	**-0.005**	ug/L	0.002	32	4	2	24	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.005	315	4	2	182	KED
⌈>	**In**	**115**		ug/L			1390988	1256418	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	21	42	54	7	Standard
⌈	**Sb**	**121**	**-0.014**	ug/L	0.000	3	401	103	10	Standard
⌊	**Sb**	**123**	**-0.013**	ug/L	0.001	4	306	87	7	Standard
⌈	**Ba**	**135**	**-0.007**	ug/L	0.001	16	72	20	32	Standard
⌊	**Ba**	**137**	**-0.008**	ug/L	0.001	9	142	40	18	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2707967	0	Standard
⌈	**Tl**	**205**	**0.007**	ug/L	0.000	7	144	706	5	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	4	1069	276	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:31:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1085786	5	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	35	4	1	86	Standard
	C	**13**		ug/L			26149	26095	1	Standard
	Cl	**37**		ug/L			7203780	7501825	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1334279	1	Standard
⌈	**V**	**51**	**-0.013**	ug/L	0.008	64	6817	6071	3	Standard
⌊	**V-1**	**51**	**0.013**	ug/L	0.002	17	591	927	6	Standard
⌈	**Cr**	**52**	**-0.054**	ug/L	0.023	41	20282	17826	2	Standard
⌊	**Cr**	**53**	**0.029**	ug/L	0.005	16	300	369	4	Standard
⌈	**Fe**	**54**	**-20.173**	ug/L	0.170	0	99061	36388	1	Standard
⌊	**Fe**	**57**	**-6.017**	ug/L	0.102	1	23749	16039	0	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.005	66	924	618	29	Standard
⌈>	**Ge**	**72**		ug/L			92215	87581	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	177	5	3	91	KED
⌊	**Ni**	**60**	**-0.016**	ug/L	0.005	28	37	10	66	KED
⌈	**Ni**	**62**	**-0.002**	ug/L	0.020	1322	6	5	88	KED
⌈	**Cu**	**63**	**-0.021**	ug/L	0.002	11	150	50	22	KED
⌊	**Cu**	**65**	**-0.022**	ug/L	0.001	5	82	29	7	KED
⌈	**Zn**	**66**	**-0.175**	ug/L	0.020	11	218	98	14	KED
⌊	**Zn**	**67**	**-0.131**	ug/L	0.034	25	32	17	19	KED
⌈	**As**	**75**	**0.001**	ug/L	0.001	89	3	3	14	KED
⌊	**Se**	**78**	**0.016**	ug/L	0.021	133	14	14	3	KED
	Y	**89**		ug/L			716574	666295	1	Standard
	Kr	**83**		ug/L			281	293	8	Standard
⌈>	**In-1**	**115**		ug/L			26143	23123	2	KED
⌈	**Mo**	**98**	**-0.001**	ug/L	0.002	158	7	4	69	KED
⌊	**Cd**	**111**	**-0.003**	ug/L	0.003	83	4	2	33	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.002	2535	4	3	52	KED
⌈>	**In**	**115**		ug/L			1390988	1266017	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	20	42	33	3	Standard
⌈	**Sb**	**121**	**-0.014**	ug/L	0.000	2	401	97	7	Standard
⌊	**Sb**	**123**	**-0.015**	ug/L	0.001	5	306	63	17	Standard
⌈	**Ba**	**135**	**-0.007**	ug/L	0.001	16	72	20	37	Standard
⌊	**Ba**	**137**	**-0.007**	ug/L	0.001	20	142	43	39	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2720881	0	Standard
⌈	**Tl**	**205**	**0.004**	ug/L	0.001	20	144	456	13	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	4	1069	234	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:36:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1087454	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	81	4	1	100	Standard
	C	**13**		ug/L			26149	25570	1	Standard
	Cl	**37**		ug/L			7203780	7537825	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1302627	0	Standard
⌈	**V**	**51**	**-0.013**	ug/L	0.005	34	6817	5921	2	Standard
⌊	**V-1**	**51**	**0.011**	ug/L	0.000	4	591	861	1	Standard
⌈	**Cr**	**52**	**-0.050**	ug/L	0.017	33	20282	17505	2	Standard
⌊	**Cr**	**53**	**0.029**	ug/L	0.004	14	300	360	3	Standard
⌈	**Fe**	**54**	**-20.001**	ug/L	0.099	0	99061	36006	0	Standard
⌊	**Fe**	**57**	**-6.066**	ug/L	0.171	2	23749	15609	0	Standard
⌊	**Mn**	**55**	**-0.009**	ug/L	0.000	3	924	504	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	86877	0	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.000	378	5	5	21	KED
⌊	**Ni**	**60**	**-0.018**	ug/L	0.006	34	37	8	101	KED
⌈	**Ni**	**62**	**-0.009**	ug/L	0.008	87	6	3	50	KED
⌊	**Cu**	**63**	**-0.020**	ug/L	0.001	7	150	55	10	KED
⌈	**Cu**	**65**	**-0.023**	ug/L	0.005	21	82	27	37	KED
⌊	**Zn**	**66**	**0.005**	ug/L	0.071	1328	218	208	20	KED
⌈	**Zn**	**67**	**0.056**	ug/L	0.150	267	32	36	41	KED
⌊	**As**	**75**	**0.006**	ug/L	0.007	122	3	4	46	KED
⌊	**Se**	**78**	**0.021**	ug/L	0.116	565	14	14	28	KED
	Y	**89**		ug/L			716574	643777	1	Standard
	Kr	**83**		ug/L			281	283	12	Standard
⌈>	**In-1**	**115**		ug/L			26143	23086	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.001	54	7	3	47	KED
⌊	**Cd**	**111**	**-0.004**	ug/L	0.004	101	4	2	57	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	441	4	3	95	KED
⌈>	**In**	**115**		ug/L			1390988	1279747	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	106	42	34	11	Standard
⌊	**Sb**	**121**	**-0.016**	ug/L	0.001	7	401	66	34	Standard
⌈	**Sb**	**123**	**-0.015**	ug/L	0.000	1	306	62	7	Standard
⌊	**Ba**	**135**	**-0.006**	ug/L	0.000	5	72	26	7	Standard
⌊	**Ba**	**137**	**-0.008**	ug/L	0.001	16	142	40	34	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2701082	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	9	144	298	4	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	1	1069	194	4	Standard

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EF00073
Instrument: ICPMS1
Calibration Date: 06/24/2021 13:47

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Aluminum-27	0	0	20	37767.55	1000	31302.69	2000	31288.55	5000	29167.56	10000	29672.22
Manganese-55	0	0	0.5	54586	10	49894.9	20	48564.8	50	47579.38	100	47675.78
Lead-208	0	0	0.1	208540	10	142323.4	20	141970.4	50	138238.7	100	143626.1
Aluminum-27, Dissolved	0	0	20	37767.55	1000	31302.69	2000	31288.55	5000	29167.56	10000	29672.22
Manganese-55, Dissolved	0	0	0.5	54586	10	49894.9	20	48564.8	50	47579.38	100	47675.78
Lead-208, Dissolved	0	0	0.1	208540	10	142323.4	20	141970.4	50	138238.7	100	143626.1

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00073	Instrument:	ICPMS1
Calibration Date:	06/24/2021 13:47		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Aluminum-27	26533.09	50.4	0.9997		0.998	
Manganese-55	41383.48	49.4	1.0000		0.998	
Lead-208	129116.4	53.2	0.9996		0.998	
Aluminum-27, Dissolved	26533.09	50.4	0.9997		0.998	
Manganese-55, Dissolved	41383.48	49.4	1.0000		0.998	
Lead-208, Dissolved	129116.4	53.2	0.9996		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** 55FΦ364 **Cal:** EFΦΦΦ73

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	SEQ-CAL1			
		-CAL2			
		-CAL3			
		-CAL4			
		-CAL5			
		-CAL6			Ag, Sb^{121} int. ↑
		-IBL1			
		-ICV1			In^{-1} noisy / multiple almost ↓
		-ICV1			Ag ↓
		SEQ-CAL1	56715		
		-CAL2	56285		
		-CAL3	56286		
		-CAL4	56287		
		-CAL5	56716		
		-CAL6	56288		
		-IBL1	—		
		-ICV1	56292		
		-ICB1	56715		
		-CCV1	56716		
		-CCB1	56715		
		-CRL1	56285		
		-IFA1	55760		V-1, C^{53} ↑
		-IFB1	55761		↓
		-HCV1	56678		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-HCV2	JG294		
		↓ -IBL2&3	—		
		-CCV2			
		↓ -CCB2			
		21FD095-Φ1	REN		As, Se only
		21FΦ131-Φ1	↓	2	Cu, Ni, Zn / Cd NR only
		21FΦ160-Φ1			
		21FΦ163-Φ1			
		21FΦ185-Φ1			
		↓ -Φ3			Sc↑ V NR
		21FΦ192-Φ1			
		21FΦ193-Φ1	↓		
		SEQ-IBL4			
	✓	BTFΦ57Φ-BLK2	REN		(Cr^{53} ½ RL)
		SEQ-CCV3			
		-CCB3			
	✓	-CAL1			
		-CCV4			
		↓ -CCB4			
		BTFΦ57Φ-BLK2	REN		Cr only
	✓	21EΦ314-Φ3	↓	2	Sc↑
		SEQ-IBL5			
		21FΦ185-Φ3REI	REN	2	V only
		21FΦ131-Φ1REI	↓	5	Cd only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21EΦ314-Φ3	REN	5	Al only
5x Dil.		BJFΦ279-DUPG	↓	↓	↓
↓		↓ -MSG			
		↓ -MSDG	↓	↓	
		SEQ-IBLG			
		↓ -CCV5			
		↓ -CCB5			
	✓	21FΦ2Φ7-Φ1	REN	2	Int. STDs ↓
		SEQ-IBL7			
		21FΦ2Φ9-Φ1	REN		Sc, Ge, In ↓ Pb only/As NR
		SEQ-IBL8			
		21FΦ229-Φ1	REN		
		21FΦ222-Φ1	↓	50	
		21FΦ2Φ9-Φ7	↓	2	
		↓ -24	↓	↓	Ge, In; In ↓ / Pb only / As NR
		SEQ-IBL9			
		↓ -CCV6			
		↓ -CCB6			
		21FΦ2Φ9-ΦIREI	REN	2	As only
		↓ -24REI	↓	10	↓
		-Φ3		5	
	✓	-Φ5		↓	Re-Run @ 1x
	✓	-1Φ			↓
	✓	↓ -12	↓	↓	↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	21FΦ2Φ9-14	REN	5	Re-Run @ 1x
	✓	-16	↓	↓	↓
	✓	-2Φ	↓	↓	↓
		SEQ-IBLA			
		-CCV7			
		-CCB7			
	✓	21FΦ2Φ9-22	REN	5	Re-Run @ 1x
	✓	-18	↓	↓	↓
	✓	BJFΦ6Φ1-DUP1	↓	↓	↓
	✓	-MS1	↓	↓	↓
	✓	-MSD1	↓	↓	↓
	✓	21FΦ2Φ7-Φ3	↓	↓	↓
		-Φ1	↓	10	
		-Φ3	↓		
		SEQ-IBLB			
		-CCV8			
		-CCB8			
	✓	-CAL1			
		-CCV9			
		-CCB9			
		BJFΦ654-BLK1	REN		
		-BS1	↓		
		BJFΦ655-BLK1	↓		Mn↑ (0.622) - Re-run 6/25 - Mn OK / Mn NR
		-BS1	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ13Φ-4Φ	REN		(CdNO-NR + Reprep @ 5x) Cd NR
		21FΦ123-2Φ	↓		↓ ↓
		-36	↓		↓ ↓
		-41	↓		↓ ↓
		-42	↓		↓ ↓
		SEQ-IBLC			
		-CCVA			
		-CCBA			
		21FΦ13Φ-Φ8	REN		(CdNO) Cd NR
		-12	↓		↓ ↓
		-23	↓		↓ ↓
		-25	↓		↓ ↓
		-27	↓		↓ ↓
		-Φ5	↓		Mn↑ No Mn
		BJFΦ52Φ-DUP2	↓		↓ ↓
		-MS2	↓		↓ ↓
		-MSD2	↓		↓ ↓
		SEQ-IBLD			
		-CCVB			
		-CCBB			
		21FΦ13Φ-31	REN		(CdND) Cd NR
		-37	↓		↓ ↓
	✓	-43	↓		Int. STDs ↓/Mn+Zn↑
		-54	↓		(Cd ND) Cd NR

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 6/24/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLE			
130→123		21EFΦ123-18	REN		Mn, Zn↑ / No Mn, Zn
		BJFΦ654-DUP1	↓		↓ / ↓
		-MS1			
		-MSD1	↓		↓ / ↓
		SEQ-IBLF			
		-CCVC			Ba↓ - Not Needed
		-CCBC			
		21FΦ123-19	REN		(Cd NO) / Cd NR
		-22	↓		↓ / ↓
		-23			Mn, Zn↑ / No Mn, Zn
		-24			Mn↑ / No Mn
		-25			
		-26			Mn↑ / No Mn
		-27			↓ / ↓
		-28			
		-29	↓		(Cd NO) / Cd NR
		SEQ-IBLG			
		-CCVD			Ba↓ - Not Needed
		-CCBD			
		21FΦ123-3Φ	REN		(Cd NO) / Cd NR
		-31	↓		↓ / ↓
		-32			
		-33	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-34	REN		Mn↑ No Mn
		-35			(Cd ND) Cd NR
		-37			
		-38			
		-39			
		SEQ-IBL4			
		-CCVE			Ba↓ - Not Needed
		-CCBE			
		21FΦ123-4Φ	REN		(Cd ND) Cd NR
		-Φ2			Mn, Zn, Cd↑ No Mn, Zn
		-Φ3			(Cd ND) Cd NR
		-Φ4			
		-Φ6			
		-Φ1			
		BJFΦ655-DUP1			
		-MS1			
		-MSD1			
		SEQ-IBL5			
		-CCVF			V, Cr52, Ba↓ - Not Needed
		-CCBF			
		21FΦ123-Φ7	REN		
		-Φ8			
		-Φ9			
		-1Φ			(Cd ND) Cd NR

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-11	REN		Mn+Zn↑ No Mn, Zn
		-12	↑		Mn↑ No Mn
		-13			(Cd ND) Cd NR
		-14			Mn↑ No Mn
		-15	↓		Mn+Zn↑ No Mn, Zn
		SEQ-IBLJ			
		-CCVG			V^{51}, Cr^{52}, Ba↓ - Not Needed
		-CCBG			
		21FΦ123-16	REN		Mn↑/(Cd ND) No Mn/Cd NR
		-17	↓		Ge, In↓/Mn+Zn↑/Al, Pb only
		-21	↓		Zn↑ No Zn
		SEQ-IBLK			
		-CCVH			V, Cr^{52}, Ba↓ - Not Needed
		-CCBH			
		Rinse/DI			
			MB 6/24/21		

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, June 24, 2021 11:10:41
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11047
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9970.9	9966.501	90.141	0.9	Standard
	In	114.9	125678.4	-1265310.075	1775.824	0.1	Standard
	U	238.1	179589.7	179589.663	2297.840	1.3	Standard
⌈	CeO	155.9	3130.9	0.021	0.000	1.7	Standard
| >	Ce	139.9	152511.7	152511.655	796.657	0.5	Standard
⌊	Ce++	70.0	1988.3	0.013	0.000	1.0	Standard
	Bkgd	220.0	0.6	0.600	0.384	63.9	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/24/2021 11:10:29 AM
End Time: 6/24/2021 11:21:10 AM

STD Performance Check - [Passed] Optimum value(s): N/A
- Obtained Intensity (Be 9): 9970.95
- Obtained Intensity (In 115): 125678.36
- Obtained Intensity (U 238): 179589.66
- Obtained Intensity (Bkgd 220): 0.60
- Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1988.34 / 152511.65)
- Obtained Formula (CeO 156 / Ce 140): 0.021 (=3130.88 / 152511.65)
- Obtained RSD (Be 9): 0.0090
- Obtained RSD (In 115): 0.0014
- Obtained RSD (U 238): 0.0128

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.89 mm	-0.65 mm	136192.11

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.96
- Obtained Intensity (In 115): 136433.40
- Obtained Formula (CeO 156 / Ce 140): 0.0196 (=3186.36 / 162212.76)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
- Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.711)
- Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.718)
- Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.704)
- Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.707)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.959; Intercept = -14.21

KED Mode QID - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.46

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/24/2021 11:10:29 AM

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 5
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025
                RSD Criterion: Be 9.0122 < 0.05
                RSD Criterion: In 114.904 < 0.05
                RSD Criterion: U 238.05 < 0.05

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 9970.95
                Obtained Intensity (In 115): 125678.36
                Obtained Intensity (U 238): 179589.66
                Obtained Intensity (Bkgd 220): 0.60
                Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1988.34 / 152511.65)
                Obtained Formula (CeO 156 / Ce 140): 0.021 (=3130.88 / 152511.65)
                Obtained RSD (Be 9): 0.0090
                Obtained RSD (In 115): 0.0014
                Obtained RSD (U 238): 0.0128

[Passed]  Optimum value(s): N/A

Torch Alignment
        Optimization Settings:
                Method: Torch Alignment.mth.
                Intensity Criterion: In 115 Maximum

        Optimization Results:
                Vertical      Horizontal      Intensity
[Passed]        2.89 mm     -0.65 mm       136192.11

Nebulizer Gas Flow STD/KED [NEB]
        Optimization Settings:
                Method: Optimize.mth.
                        Initial Try - Start/End/Step: 0.95/0.99/0.005.
                Intensity Criterion: In 115 Maximum
                Formula Criterion: CeO 156 / Ce 140 <= 0.023

        Optimization Results:
        Initial Try

                Obtained Intensity (In 115): 136433.40
                Obtained Formula (CeO 156 / Ce 140): 0.0196 (=3186.36 / 162212.76)
[Passed]  Optimum value(s): 0.96
```

Mass Calibration and Resolution
Optimization Settings:
Method: Tuning.mth.
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Iterations: 6
Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
Peak height (%) for Res. Opt.: 10

Optimization Results:
Initial Try
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.711)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.718)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.704)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.707)
[Passed] Optimum value(s): N/A

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.959; Intercept = -14.21

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	35492
Mg	24	41	-14	61010
In	115	41	-11.5	137474
Ce	140	41	-12	162005
Pb	208	41	-10.5	100049
U	238	41	-10.5	188678

KED Mode QID
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.46

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	26011.7
Mg	24	41	-13.5	62898.2
In	115	41	-11.5	140253
Ce	140	41	-11	128253
Pb	208	41	-10	68608.4
U	238	41	-10	141926

End Time: 6/24/2021 11:21:10 AM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/24/2021 11:25:29 AM
End Time: 6/24/2021 11:26:35 AM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -13.55

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/24/2021 11:25:29 AM

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.999; Intercept = -13.55

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	34698.1
Mg	24	41	-13.5	62006.3
In	115	41	-12.5	137244
Ce	140	41	-12	157249
Pb	208	41	-10.5	97415
U	238	41	-11	187373

End Time: 6/24/2021 11:26:35 AM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, June 24, 2021 11:26:42
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11057
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9679.5	9679.479	140.387	1.5	Standard
	In	114.9	125684.4	125684.405	1704.414	1.4	Standard
	U	238.1	182262.4	182262.395	1702.594	0.9	Standard
⌈	CeO	155.9	3002.9	0.019	0.000	1.5	Standard
| >	Ce	139.9	154862.6	154862.622	1022.876	0.7	Standard
⌊	Ce++	70.0	1843.9	0.012	0.000	2.4	Standard
	Bkgd	220.0	2.3	2.300	2.422	105.3	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/24/2021 11:26:42 AM
End Time: 6/24/2021 11:28:47 AM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 9679.48
Obtained Intensity (In 115): 125684.41
Obtained Intensity (U 238): 182262.39
Obtained Intensity (Bkgd 220): 2.30
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=1843.85 / 154862.62)
Obtained Formula (CeO 156 / Ce 140): 0.019 (=3002.92 / 154862.62)
Obtained RSD (Be 9): 0.0145
Obtained RSD (In 115): 0.0136
Obtained RSD (U 238): 0.0093

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/24/2021 11:26:42 AM

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9679.48
Obtained Intensity (In 115): 125684.41
Obtained Intensity (U 238): 182262.39
Obtained Intensity (Bkgd 220): 2.30
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=1843.85 / 154862.62)
Obtained Formula (CeO 156 / Ce 140): 0.019 (=3002.92 / 154862.62)
Obtained RSD (Be 9): 0.0145
Obtained RSD (In 115): 0.0136
Obtained RSD (U 238): 0.0093

[Passed] Optimum value(s): N/A

End Time: 6/24/2021 11:28:47 AM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 12:46:06

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L				1251892	2	Standard
	Be	**9**		ug/L				3	34	Standard
	C	**13**		ug/L				23905	2	Standard
	Cl	**37**		ug/L				7742796	1	Standard
>	**Sc**	**45**		ug/L				1465367	0	Standard
	Al	**27**		ug/L				7353	1	Standard
	V	**51**		ug/L				6580	0	Standard
	V-1	**51**		ug/L				368	8	Standard
	Cr	**52**		ug/L				19512	0	Standard
	Cr	**53**		ug/L				218	3	Standard
	Mn	**55**		ug/L				938	1	Standard
>	**Ge**	**72**		ug/L				104477	4	KED
	Ni	**60**		ug/L				40	53	KED
	Ni	**62**		ug/L				9	52	KED
	Cu	**63**		ug/L				105	9	KED
	Cu	**65**		ug/L				52	16	KED
	Zn	**66**		ug/L				232	7	KED
	Zn	**67**		ug/L				38	13	KED
	As	**75**		ug/L				3	48	KED
	Se	**78**		ug/L				12	27	KED
	Y	**89**		ug/L				824047	0	Standard
	Kr	**83**		ug/L				320	10	Standard
>	**In-1**	**115**		ug/L				31855	1	KED
	Mo	**98**		ug/L				2	87	KED
	Cd	**111**		ug/L				2	88	KED
	Cd	**114**		ug/L				3	91	KED
>	**In**	**115**		ug/L				1542729	1	Standard
	Ag	**107**		ug/L				90	10	Standard
	Sb	**121**		ug/L				66	7	Standard
	Sb	**123**		ug/L				67	7	Standard
	Ba	**135**		ug/L				100	3	Standard
	Ba	**137**		ug/L				154	6	Standard
>	**Tb**	**159**		ug/L				3062842	0	Standard
	Tl	**205**		ug/L				62	10	Standard
	Pb	**208**		ug/L				1954	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 12:50:39

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1249359	0	Standard
	Be	**9**	**0.200**	ug/L	0.010	5	3	1534	5	Standard
	C	**13**		ug/L			23905	32354	2	Standard
	Cl	**37**		ug/L			7742796	7735625	0	Standard
>	**Sc**	**45**		ug/L			1465367	1506806	0	Standard
	Al	**27**	**20.000**	ug/L	0.191	0	7353	752284	1	Standard
	V	**51**	**0.200**	ug/L	0.009	4	6580	13697	1	Standard
	V-1	**51**	**0.200**	ug/L	0.003	1	368	7412	2	Standard
	Cr	**52**	**0.500**	ug/L	0.025	4	19512	35939	1	Standard
	Cr	**53**	**0.500**	ug/L	0.007	1	218	2051	1	Standard
	Mn	**55**	**0.500**	ug/L	0.010	2	938	27416	1	Standard
>	**Ge**	**72**		ug/L			104477	109849	0	KED
	Ni	**60**	**0.500**	ug/L	0.024	4	40	1073	4	KED
	Ni	**62**	**0.500**	ug/L	0.027	5	9	185	5	KED
	Cu	**63**	**0.500**	ug/L	0.016	3	105	3785	3	KED
	Cu	**65**	**0.500**	ug/L	0.021	4	52	1918	3	KED
	Zn	**66**	**6.000**	ug/L	0.022	0	232	8769	0	KED
	Zn	**67**	**6.000**	ug/L	0.101	1	38	1358	1	KED
	As	**75**	**0.200**	ug/L	0.019	9	3	86	9	KED
	Se	**78**	**0.500**	ug/L	0.146	29	12	37	19	KED
	Y	**89**		ug/L			824047	838348	1	Standard
	Kr	**83**		ug/L			320	324	6	Standard
>	**In-1**	**115**		ug/L			31855	30519	0	KED
	Mo	**98**	**0.200**	ug/L	0.010	4	2	423	3	KED
	Cd	**111**	**0.100**	ug/L	0.030	30	2	61	28	KED
	Cd	**114**	**0.100**	ug/L	0.006	5	3	126	5	KED
>	**In**	**115**		ug/L			1542729	1544630	0	Standard
	Ag	**107**	**0.200**	ug/L	0.006	2	90	4877	2	Standard
	Sb	**121**	**0.200**	ug/L	0.004	1	66	4910	1	Standard
	Sb	**123**	**0.200**	ug/L	0.004	2	67	3782	2	Standard
	Ba	**135**	**0.500**	ug/L	0.008	1	100	4871	1	Standard
	Ba	**137**	**0.500**	ug/L	0.003	0	154	8398	0	Standard
>	**Tb**	**159**		ug/L			3062842	3122818	0	Standard
	Tl	**205**	**0.200**	ug/L	0.001	0	62	21768	1	Standard
	Pb	**208**	**0.100**	ug/L	0.001	1	1954	21434	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, June 24, 2021 12:55:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1236956	1	Standard
	Be	**9**	**10.000**	ug/L	0.135	1	3	80317	1	Standard
	C	**13**		ug/L			23905	59927	2	Standard
	Cl	**37**		ug/L			7742796	7758503	1	Standard
>	**Sc**	**45**		ug/L			1465367	1527354	0	Standard
	Al	**27**	**999.912**	ug/L	14.531	1	7353	30930535	0	Standard
	V	**51**	**10.000**	ug/L	0.081	0	6580	362921	0	Standard
	V-1	**51**	**10.000**	ug/L	0.099	0	368	359926	0	Standard
	Cr	**52**	**9.999**	ug/L	0.081	0	19512	333810	0	Standard
	Cr	**53**	**10.000**	ug/L	0.134	1	218	36762	0	Standard
	Mn	**55**	**9.998**	ug/L	0.174	1	938	493102	1	Standard
>	**Ge**	**72**		ug/L			104477	109931	0	KED
	Ni	**60**	**9.999**	ug/L	0.027	0	40	20047	0	KED
	Ni	**62**	**9.998**	ug/L	0.238	2	9	3215	2	KED
	Cu	**63**	**9.994**	ug/L	0.155	1	105	59275	1	KED
	Cu	**65**	**9.994**	ug/L	0.108	1	52	29650	1	KED
	Zn	**66**	**9.347**	ug/L	0.185	1	232	11492	1	KED
	Zn	**67**	**9.503**	ug/L	0.139	1	38	1876	2	KED
	As	**75**	**10.000**	ug/L	0.208	2	3	4134	2	KED
	Se	**78**	**9.999**	ug/L	0.213	2	12	481	2	KED
	Y	**89**		ug/L			824047	853676	0	Standard
	Kr	**83**		ug/L			320	330	2	Standard
>	**In-1**	**115**		ug/L			31855	30382	1	KED
	Mo	**98**	**10.000**	ug/L	0.260	2	2	20172	2	KED
	Cd	**111**	**10.000**	ug/L	0.094	0	2	4812	2	KED
	Cd	**114**	**10.000**	ug/L	0.182	1	3	12441	1	KED
>	**In**	**115**		ug/L			1542729	1566983	0	Standard
	Ag	**107**	**10.000**	ug/L	0.146	1	90	218350	0	Standard
	Sb	**121**	**10.000**	ug/L	0.211	2	66	245102	1	Standard
	Sb	**123**	**10.000**	ug/L	0.264	2	67	189603	1	Standard
	Ba	**135**	**9.998**	ug/L	0.056	0	100	89584	0	Standard
	Ba	**137**	**9.998**	ug/L	0.093	0	154	157563	0	Standard
>	**Tb**	**159**		ug/L			3062842	3178279	0	Standard
	Tl	**205**	**10.000**	ug/L	0.094	0	62	1103994	0	Standard
	Pb	**208**	**10.000**	ug/L	0.071	0	1954	1461700	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:00:00

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1245619	1	Standard
	Be	**9**	**20.017**	ug/L	0.163	0	3	162478	1	Standard
	C	**13**		ug/L			23905	54873	0	Standard
	Cl	**37**		ug/L			7742796	7723033	0	Standard
>	**Sc**	**45**		ug/L			1465367	1524684	1	Standard
	Al	**27**	**1999.698**	ug/L	13.253	0	7353	61706929	1	Standard
	V	**51**	**20.031**	ug/L	0.068	0	6580	723316	1	Standard
	V-1	**51**	**20.035**	ug/L	0.085	0	368	724604	1	Standard
	Cr	**52**	**19.999**	ug/L	0.067	0	19512	646103	1	Standard
	Cr	**53**	**20.014**	ug/L	0.191	0	218	73421	0	Standard
	Mn	**55**	**19.966**	ug/L	0.229	1	938	975520	0	Standard
>	**Ge**	**72**		ug/L			104477	109113	1	KED
	Ni	**60**	**19.942**	ug/L	0.327	1	40	39185	1	KED
	Ni	**62**	**20.102**	ug/L	0.077	0	9	6539	0	KED
	Cu	**63**	**19.939**	ug/L	0.173	0	105	115862	0	KED
	Cu	**65**	**19.900**	ug/L	0.107	0	52	57407	0	KED
	Zn	**66**	**18.651**	ug/L	0.140	0	232	18834	0	KED
	Zn	**67**	**18.827**	ug/L	0.383	2	38	3119	1	KED
	As	**75**	**20.027**	ug/L	0.123	0	3	8259	0	KED
	Se	**78**	**20.050**	ug/L	0.171	0	12	955	1	KED
	Y	**89**		ug/L			824047	848216	0	Standard
	Kr	**83**		ug/L			320	327	8	Standard
>	**In-1**	**115**		ug/L			31855	30325	1	KED
	Mo	**98**	**20.053**	ug/L	0.301	1	2	40805	0	KED
	Cd	**111**	**19.919**	ug/L	0.130	0	2	9413	0	KED
	Cd	**114**	**19.985**	ug/L	0.400	2	3	24743	1	KED
>	**In**	**115**		ug/L			1542729	1543169	0	Standard
	Ag	**107**	**20.104**	ug/L	0.356	1	90	441456	1	Standard
	Sb	**121**	**20.055**	ug/L	0.267	1	66	489449	1	Standard
	Sb	**123**	**20.045**	ug/L	0.247	1	67	377677	1	Standard
	Ba	**135**	**20.106**	ug/L	0.277	1	100	181160	1	Standard
	Ba	**137**	**20.077**	ug/L	0.261	1	154	316266	1	Standard
>	**Tb**	**159**		ug/L			3062842	3157445	1	Standard
	Tl	**205**	**20.289**	ug/L	0.156	0	62	2361382	0	Standard
	Pb	**208**	**20.002**	ug/L	0.222	1	1954	2903542	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:04:57

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1221259	1	Standard
	Be	**9**	**49.792**	ug/L	0.151	0	3	388152	1	Standard
	C	**13**		ug/L			23905	26472	2	Standard
	Cl	**37**		ug/L			7742796	7653088	0	Standard
>	**Sc**	**45**		ug/L			1465367	1500815	0	Standard
	Al	**27**	**4980.983**	ug/L	89.368	1	7353	148452736	0	Standard
	V	**51**	**49.744**	ug/L	0.288	0	6580	1714496	1	Standard
	V-1	**51**	**49.749**	ug/L	0.205	0	368	1727302	1	Standard
	Cr	**52**	**49.801**	ug/L	0.396	0	19512	1523924	0	Standard
	Cr	**53**	**49.815**	ug/L	0.413	0	218	176298	0	Standard
	Mn	**55**	**50.137**	ug/L	0.790	1	938	2443202	0	Standard
>	**Ge**	**72**		ug/L			104477	107024	1	KED
	Ni	**60**	**49.769**	ug/L	0.439	0	40	93697	0	KED
	Ni	**62**	**49.664**	ug/L	0.581	1	9	15319	1	KED
	Cu	**63**	**49.672**	ug/L	0.672	1	105	273960	0	KED
	Cu	**65**	**49.578**	ug/L	1.080	2	52	134503	0	KED
	Zn	**66**	**48.220**	ug/L	0.313	0	232	40667	0	KED
	Zn	**67**	**48.257**	ug/L	1.033	2	38	6699	1	KED
	As	**75**	**49.753**	ug/L	0.323	0	3	19634	1	KED
	Se	**78**	**49.770**	ug/L	0.591	1	12	2255	2	KED
	Y	**89**		ug/L			824047	832923	2	Standard
	Kr	**83**		ug/L			320	328	12	Standard
>	**In-1**	**115**		ug/L			31855	30261	0	KED
	Mo	**98**	**49.770**	ug/L	0.611	1	2	98792	0	KED
	Cd	**111**	**49.727**	ug/L	0.356	0	2	22822	0	KED
	Cd	**114**	**49.670**	ug/L	0.503	1	3	59409	1	KED
>	**In**	**115**		ug/L			1542729	1536292	1	Standard
	Ag	**107**	**49.331**	ug/L	0.848	1	90	1010477	0	Standard
	Sb	**121**	**49.409**	ug/L	0.546	1	66	1133188	0	Standard
	Sb	**123**	**49.475**	ug/L	1.013	2	67	881403	1	Standard
	Ba	**135**	**49.691**	ug/L	0.233	0	100	432183	1	Standard
	Ba	**137**	**49.664**	ug/L	0.576	1	154	753250	0	Standard
>	**Tb**	**159**		ug/L			3062842	3150417	0	Standard
	Tl	**205**	**49.567**	ug/L	0.598	1	62	5517159	0	Standard
	Pb	**208**	**49.802**	ug/L	0.442	0	1954	7070876	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, June 24, 2021 13:11:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1251892	1187851	1	Standard
	Be	9	100.878	ug/L	1.324	1	3	787821	0	Standard
	C	13		ug/L			23905	42967	0	Standard
	Cl	37		ug/L			7742796	7616134	0	Standard
>	Sc	45		ug/L			1465367	1463725	0	Standard
	Al	27	10033.003	ug/L	67.765	0	7353	294896965	1	Standard
	V	51	101.830	ug/L	1.461	1	6580	3637215	0	Standard
	V-1	51	101.589	ug/L	1.484	1	368	3631596	0	Standard
	Cr	52	101.290	ug/L	1.177	1	19512	3136767	0	Standard
	Cr	53	100.508	ug/L	1.125	1	218	352657	0	Standard
	Mn	55	100.249	ug/L	1.518	1	938	4803477	0	Standard
>	Ge	72		ug/L			104477	105105	1	KED
	Ni	60	100.368	ug/L	0.724	0	40	187830	1	KED
	Ni	62	100.307	ug/L	1.294	1	9	30686	0	KED
	Cu	63	100.298	ug/L	1.327	1	105	548586	0	KED
	Cu	65	100.244	ug/L	0.786	0	52	269245	0	KED
	Zn	66	99.649	ug/L	1.222	1	232	81340	0	KED
	Zn	67	99.796	ug/L	1.815	1	38	13473	0	KED
	As	75	100.571	ug/L	1.921	1	3	39722	0	KED
	Se	78	100.344	ug/L	0.716	0	12	4505	1	KED
	Y	89		ug/L			824047	820093	0	Standard
	Kr	83		ug/L			320	380	5	Standard
>	In-1	115		ug/L			31855	29090	1	KED
	Mo	98	101.243	ug/L	2.305	2	2	201514	1	KED
	Cd	111	100.814	ug/L	1.996	1	2	45710	0	KED
	Cd	114	100.682	ug/L	1.063	1	3	118436	0	KED
>	In	115		ug/L			1542729	1463426	3	Standard
	Ag	107	102.385	ug/L	2.949	2	90	2169283	0	Standard
	Sb	121	102.236	ug/L	4.176	4	66	2411616	0	Standard
	Sb	123	100.796	ug/L	2.839	2	67	1756869	2	Standard
	Ba	135	101.255	ug/L	2.556	2	100	875029	1	Standard
	Ba	137	101.277	ug/L	3.133	3	154	1527329	1	Standard
>	Tb	159		ug/L			3062842	3104639	0	Standard
	Tl	205	100.128	ug/L	0.701	0	62	11030287	0	Standard
	Pb	208	101.017	ug/L	0.979	0	1954	14627351	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:18:52

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1211152	1	Standard
	Be	**9**	**0.001**	ug/L	0.001	124	3	7	75	Standard
	C	**13**		ug/L			23905	24637	0	Standard
	Cl	**37**		ug/L			7742796	7287298	0	Standard
>	**Sc**	**45**		ug/L			1465367	1481494	1	Standard
	Al	**27**	**-0.063**	ug/L	0.001	1	7353	5571	1	Standard
	V	**51**	**0.000**	ug/L	0.002	790	6580	6661	0	Standard
	V-1	**51**	**-0.001**	ug/L	0.001	54	368	322	7	Standard
	Cr	**52**	**-0.006**	ug/L	0.002	39	19512	19547	0	Standard
	Cr	**53**	**-0.011**	ug/L	0.003	24	218	181	6	Standard
	Mn	**55**	**-0.005**	ug/L	0.001	18	938	693	5	Standard
>	**Ge**	**72**		ug/L			104477	105682	0	KED
	Ni	**60**	**-0.009**	ug/L	0.003	29	40	22	22	KED
	Ni	**62**	**-0.015**	ug/L	0.013	85	9	5	78	KED
	Cu	**63**	**0.003**	ug/L	0.004	159	105	120	17	KED
	Cu	**65**	**-0.002**	ug/L	0.001	41	52	47	4	KED
	Zn	**66**	**-0.144**	ug/L	0.014	9	232	117	9	KED
	Zn	**67**	**-0.149**	ug/L	0.034	23	38	18	26	KED
	As	**75**	**0.001**	ug/L	0.005	447	3	4	43	KED
	Se	**78**	**0.077**	ug/L	0.021	27	12	15	6	KED
	Y	**89**		ug/L			824047	811783	0	Standard
	Kr	**83**		ug/L			320	325	2	Standard
>	**In-1**	**115**		ug/L			31855	29595	0	KED
	Mo	**98**	**0.011**	ug/L	0.004	37	2	25	34	KED
	Cd	**111**	**0.000**	ug/L	0.004	815	2	2	57	KED
	Cd	**114**	**0.000**	ug/L	0.004	1382	3	3	134	KED
>	**In**	**115**		ug/L			1542729	1496488	1	Standard
	Ag	**107**	**0.001**	ug/L	0.001	38	90	118	8	Standard
	Sb	**121**	**0.049**	ug/L	0.001	2	66	1254	1	Standard
	Sb	**123**	**0.051**	ug/L	0.004	7	67	977	6	Standard
	Ba	**135**	**-0.007**	ug/L	0.002	26	100	36	42	Standard
	Ba	**137**	**-0.005**	ug/L	0.001	14	154	76	14	Standard
>	**Tb**	**159**		ug/L			3062842	3006999	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	12	62	322	10	Standard
	Pb	**208**	**-0.009**	ug/L	0.000	0	1954	619	0	Standard

Sample Information

Sample Date/Time: Thursday, June 24, 2021 13:11:34
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

Calibration

Analyte	Mass	r Corr Coef	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**0.9999**	0.007	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
Al	27	**1.0000**	0.020	20.00	1000	2000	5000	10000
V	51	**0.9994**	0.024	0.20	10	20	50	100
V-1	51	**0.9996**	0.024	0.20	10	20	50	100
Cr	52	**0.9997**	0.021	0.50	10	20	50	100
Cr	53	**0.9999**	0.002	0.50	10	20	50	100
Mn	55	**1.0000**	0.033	0.50	10	20	50	100
Ge	72							
Ni	60	**1.0000**	0.018	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.052	0.50	10	20	50	100
Cu	65	**0.9999**	0.026	0.50	10	20	50	100
Zn	66	**0.9988**	0.008	6.00	10	20	50	100
Zn	67	**0.9990**	0.001	6.00	10	20	50	100
As	75	**0.9999**	0.004	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**0.9997**	0.068	0.20	10	20	50	100
Cd	111	**0.9999**	0.016	0.10	10	20	50	100
Cd	114	**0.9999**	0.040	0.10	10	20	50	100
In	115							
Ag	107	**0.9990**	0.014	0.20	10	20	50	100
Sb	121	**0.9991**	0.016	0.20	10	20	50	100
Sb	123	**0.9998**	0.012	0.20	10	20	50	100
Ba	135	**0.9997**	0.006	0.50	10	20	50	100
Ba	137	**0.9997**	0.010	0.50	10	20	50	100
Tb	159							
Tl	205	**0.9999**	0.035	0.20	10	20	50	100
Pb	208	**0.9998**	0.047	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:30:43

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1227237	1	Standard
	Be	**9**	**45.664**	ug/L	0.618	1	3	368461	0	Standard
	C	**13**		ug/L			23905	29862	1	Standard
	Cl	**37**		ug/L			7742796	7548866	0	Standard
>	**Sc**	**45**		ug/L			1465367	1525747	2	Standard
	Al	**27**	**4665.291**	ug/L	13.281	0	7353	142936136	2	Standard
	V	**51**	**45.964**	ug/L	0.785	1	6580	1714825	0	Standard
	V-1	**51**	**46.258**	ug/L	0.781	1	368	1723658	0	Standard
	Cr	**52**	**46.344**	ug/L	0.702	1	19512	1506757	0	Standard
	Cr	**53**	**47.299**	ug/L	0.660	1	218	173088	0	Standard
	Mn	**55**	**47.975**	ug/L	1.073	2	938	2396092	0	Standard
>	**Ge**	**72**		ug/L			104477	104135	2	KED
	Ni	**60**	**50.095**	ug/L	0.492	0	40	92901	2	KED
	Ni	**62**	**49.824**	ug/L	0.460	0	9	15107	2	KED
	Cu	**63**	**49.510**	ug/L	0.793	1	105	268359	2	KED
	Cu	**65**	**49.484**	ug/L	0.686	1	52	131693	1	KED
	Zn	**66**	**48.157**	ug/L	0.482	1	232	39066	1	KED
	Zn	**67**	**47.700**	ug/L	0.424	0	38	6402	3	KED
	As	**75**	**48.675**	ug/L	0.202	0	3	19052	2	KED
	Se	**78**	**74.755**	ug/L	0.716	0	12	3329	3	KED
	Y	**89**		ug/L			824047	831619	1	Standard
	Kr	**83**		ug/L			320	323	4	Standard
>	**In-1**	**115**		ug/L			31855	28896	9	KED
	Mo	**98**	**48.612**	ug/L	2.412	4	2	95841	4	KED
	Cd	**111**	**47.764**	ug/L	2.020	4	2	21464	5	KED
	Cd	**114**	**48.482**	ug/L	1.592	3	3	56550	6	KED
>	**In**	**115**		ug/L			1542729	1500056	1	Standard
	Ag	**107**	**45.283**	ug/L	0.598	1	90	984021	1	Standard
	Sb	**121**	**46.074**	ug/L	0.935	2	66	1114836	0	Standard
	Sb	**123**	**48.654**	ug/L	1.347	2	67	869431	1	Standard
	Ba	**135**	**47.141**	ug/L	0.819	1	100	417830	2	Standard
	Ba	**137**	**47.306**	ug/L	0.585	1	154	731762	1	Standard
>	**Tb**	**159**		ug/L			3062842	3130445	1	Standard
	Tl	**205**	**48.306**	ug/L	0.260	0	62	5365654	0	Standard
	Pb	**208**	**47.497**	ug/L	0.132	0	1954	6935920	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:36:51

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1221539	1	Standard
	Be	**9**	**46.653**	ug/L	0.546	1	3	374701	0	Standard
	C	**13**		ug/L			23905	28246	0	Standard
	Cl	**37**		ug/L			7742796	7664235	0	Standard
>	**Sc**	**45**		ug/L			1465367	1507306	1	Standard
	Al	**27**	**4749.836**	ug/L	39.379	0	7353	143758224	0	Standard
	V	**51**	**45.763**	ug/L	0.247	0	6580	1687034	1	Standard
	V-1	**51**	**46.288**	ug/L	0.228	0	368	1704228	1	Standard
	Cr	**52**	**45.550**	ug/L	0.739	1	19512	1463535	1	Standard
	Cr	**53**	**47.262**	ug/L	0.751	1	218	170877	1	Standard
	Mn	**55**	**47.997**	ug/L	0.299	0	938	2368804	1	Standard
>	**Ge**	**72**		ug/L			104477	105796	1	KED
	Ni	**60**	**47.723**	ug/L	0.704	1	40	89909	0	KED
	Ni	**62**	**48.893**	ug/L	1.320	2	9	15058	0	KED
	Cu	**63**	**47.886**	ug/L	0.400	0	105	263707	0	KED
	Cu	**65**	**48.505**	ug/L	0.712	1	52	131154	0	KED
	Zn	**66**	**46.375**	ug/L	1.200	2	232	38230	2	KED
	Zn	**67**	**47.146**	ug/L	0.205	0	38	6428	1	KED
	As	**75**	**47.265**	ug/L	0.730	1	3	18794	1	KED
	Se	**78**	**74.493**	ug/L	0.622	0	12	3369	1	KED
	Y	**89**		ug/L			824047	838229	1	Standard
	Kr	**83**		ug/L			320	351	2	Standard
>	**In-1**	**115**		ug/L			31855	29658	0	KED
	Mo	**98**	**47.133**	ug/L	0.517	1	2	95655	0	KED
	Cd	**111**	**47.903**	ug/L	0.842	1	2	22146	0	KED
	Cd	**114**	**47.598**	ug/L	1.059	2	3	57083	1	KED
>	**In**	**115**		ug/L			1542729	1533301	0	Standard
	Ag	**107**	**44.734**	ug/L	0.724	1	90	993689	1	Standard
	Sb	**121**	**45.102**	ug/L	0.192	0	66	1115705	0	Standard
	Sb	**123**	**47.306**	ug/L	0.957	2	67	864259	2	Standard
	Ba	**135**	**45.579**	ug/L	0.322	0	100	412960	1	Standard
	Ba	**137**	**46.137**	ug/L	0.412	0	154	729511	0	Standard
>	**Tb**	**159**		ug/L			3062842	3118881	1	Standard
	Tl	**205**	**47.924**	ug/L	0.199	0	62	5303761	1	Standard
	Pb	**208**	**47.518**	ug/L	0.142	0	1954	6913201	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:47:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1215570	2	Standard
⌊	**Be**	**9**		ug/L				10	26	Standard
	C	**13**		ug/L				24710	0	Standard
	Cl	**37**		ug/L				7217379	0	Standard
⌈>	**Sc**	**45**		ug/L				1464999	1	Standard
⌈	**Al**	**27**		ug/L				5326	2	Standard
⌈	**V**	**51**		ug/L				6586	1	Standard
⌈	**V-1**	**51**		ug/L				310	0	Standard
⌈	**Cr**	**52**		ug/L				19577	1	Standard
⌈	**Cr**	**53**		ug/L				205	2	Standard
⌊	**Mn**	**55**		ug/L				687	2	Standard
⌈>	**Ge**	**72**		ug/L				104412	2	KED
⌈	**Ni**	**60**		ug/L				19	22	KED
⌈	**Ni**	**62**		ug/L				6	68	KED
⌈	**Cu**	**63**		ug/L				97	12	KED
⌈	**Cu**	**65**		ug/L				48	22	KED
⌈	**Zn**	**66**		ug/L				109	10	KED
⌈	**Zn**	**67**		ug/L				17	40	KED
⌈	**As**	**75**		ug/L				5	13	KED
⌊	**Se**	**78**		ug/L				12	17	KED
	Y	**89**		ug/L				812004	3	Standard
	Kr	**83**		ug/L				307	12	Standard
⌈>	**In-1**	**115**		ug/L				30583	1	KED
⌈	**Mo**	**98**		ug/L				12	38	KED
⌈	**Cd**	**111**		ug/L				2	65	KED
⌊	**Cd**	**114**		ug/L				1	116	KED
⌈>	**In**	**115**		ug/L				1489880	0	Standard
⌈	**Ag**	**107**		ug/L				86	12	Standard
⌈	**Sb**	**121**		ug/L				418	4	Standard
⌈	**Sb**	**123**		ug/L				364	10	Standard
⌈	**Ba**	**135**		ug/L				53	16	Standard
⌊	**Ba**	**137**		ug/L				71	10	Standard
⌈>	**Tb**	**159**		ug/L				3005476	1	Standard
⌈	**Tl**	**205**		ug/L				266	5	Standard
⌊	**Pb**	**208**		ug/L				533	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:52:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1265391	1	Standard
⌊	**Be**	**9**	**0.200**	ug/L	0.000	0	10	1551	0	Standard
	C	**13**		ug/L			24710	31770	0	Standard
	Cl	**37**		ug/L			7217379	7244498	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1487439	2	Standard
⌈	**Al**	**27**	**20.000**	ug/L	0.297	1	5326	755351	1	Standard
⌊	**V**	**51**	**0.200**	ug/L	0.002	0	6586	13645	2	Standard
⌈	**V-1**	**51**	**0.200**	ug/L	0.004	1	310	7401	0	Standard
⌊	**Cr**	**52**	**0.500**	ug/L	0.022	4	19577	35806	0	Standard
⌈	**Cr**	**53**	**0.500**	ug/L	0.029	5	205	2049	2	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.013	2	687	27293	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	105943	0	KED
⌈	**Ni**	**60**	**0.500**	ug/L	0.046	9	19	1063	9	KED
⌊	**Ni**	**62**	**0.500**	ug/L	0.025	4	6	181	4	KED
⌈	**Cu**	**63**	**0.500**	ug/L	0.012	2	97	3539	2	KED
⌊	**Cu**	**65**	**0.500**	ug/L	0.024	4	48	1785	3	KED
⌈	**Zn**	**66**	**6.000**	ug/L	0.060	1	109	8627	1	KED
⌊	**Zn**	**67**	**6.000**	ug/L	0.282	4	17	1231	3	KED
⌈	**As**	**75**	**0.200**	ug/L	0.006	3	5	83	3	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.048	9	12	33	5	KED
	Y	**89**		ug/L			812004	813785	1	Standard
	Kr	**83**		ug/L			307	348	1	Standard
⌈>	**In-1**	**115**		ug/L			30583	29745	1	KED
⌈	**Mo**	**98**	**0.200**	ug/L	0.009	4	12	402	2	KED
⌊	**Cd**	**111**	**0.100**	ug/L	0.010	9	2	49	10	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.018	17	1	118	16	KED
⌈>	**In**	**115**		ug/L			1489880	1494424	2	Standard
⌈	**Ag**	**107**	**0.200**	ug/L	0.003	1	86	4628	1	Standard
⌊	**Sb**	**121**	**0.200**	ug/L	0.010	5	418	4978	2	Standard
⌈	**Sb**	**123**	**0.200**	ug/L	0.008	4	364	3824	3	Standard
⌊	**Ba**	**135**	**0.500**	ug/L	0.015	2	53	4774	1	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.012	2	71	8569	1	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3032633	1	Standard
⌈	**Tl**	**205**	**0.200**	ug/L	0.004	2	266	21211	1	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.003	2	533	20854	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:56:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1256698	1	Standard
⌊	**Be**	**9**	**10.000**	ug/L	0.029	0	10	81864	0	Standard
	C	**13**		ug/L			24710	58675	0	Standard
	Cl	**37**		ug/L			7217379	7533557	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1499909	0	Standard
⌈	**Al**	**27**	**999.917**	ug/L	13.209	1	5326	31302688	1	Standard
⌈	**V**	**51**	**10.000**	ug/L	0.126	1	6586	360007	1	Standard
⌈	**V-1**	**51**	**10.000**	ug/L	0.101	1	310	356080	0	Standard
⌈	**Cr**	**52**	**10.000**	ug/L	0.097	0	19577	336769	1	Standard
⌈	**Cr**	**53**	**10.000**	ug/L	0.116	1	205	36799	1	Standard
⌊	**Mn**	**55**	**9.998**	ug/L	0.123	1	687	498949	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	107193	0	KED
⌈	**Ni**	**60**	**9.998**	ug/L	0.317	3	19	19502	2	KED
⌈	**Ni**	**62**	**9.997**	ug/L	0.268	2	6	3114	2	KED
⌈	**Cu**	**63**	**9.995**	ug/L	0.356	3	97	57431	3	KED
⌈	**Cu**	**65**	**9.994**	ug/L	0.261	2	48	28329	2	KED
⌈	**Zn**	**66**	**9.214**	ug/L	0.362	3	109	10972	3	KED
⌈	**Zn**	**67**	**9.578**	ug/L	0.442	4	17	1773	4	KED
⌈	**As**	**75**	**10.000**	ug/L	0.312	3	5	4040	3	KED
⌊	**Se**	**78**	**10.002**	ug/L	0.156	1	12	468	1	KED
	Y	**89**		ug/L			812004	829511	0	Standard
	Kr	**83**		ug/L			307	314	7	Standard
⌈>	**In-1**	**115**		ug/L			30583	29779	2	KED
⌈	**Mo**	**98**	**10.000**	ug/L	0.266	2	12	20466	1	KED
⌈	**Cd**	**111**	**10.000**	ug/L	0.062	0	2	4790	2	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.325	3	1	12508	0	KED
⌈>	**In**	**115**		ug/L			1489880	1480472	1	Standard
⌈	**Ag**	**107**	**10.000**	ug/L	0.244	2	86	214213	2	Standard
⌈	**Sb**	**121**	**10.000**	ug/L	0.220	2	418	238542	0	Standard
⌈	**Sb**	**123**	**10.000**	ug/L	0.275	2	364	185797	1	Standard
⌈	**Ba**	**135**	**9.999**	ug/L	0.285	2	53	88764	1	Standard
⌊	**Ba**	**137**	**9.998**	ug/L	0.209	2	71	156710	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3077639	1	Standard
⌈	**Tl**	**205**	**10.000**	ug/L	0.236	2	266	1080245	2	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.104	1	533	1423234	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:01:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1248763	1	Standard
⌊	**Be**	**9**	**19.996**	ug/L	0.134	0	10	162536	1	Standard
	C	**13**		ug/L			24710	52762	0	Standard
	Cl	**37**		ug/L			7217379	7554844	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1509885	1	Standard
⌈	**Al**	**27**	**1997.285**	ug/L	65.944	3	5326	62577099	2	Standard
⌈	**V**	**51**	**19.991**	ug/L	0.198	0	6586	716388	0	Standard
⌈	**V-1**	**51**	**20.001**	ug/L	0.157	0	310	716713	0	Standard
⌈	**Cr**	**52**	**19.899**	ug/L	0.263	1	19577	641950	0	Standard
⌈	**Cr**	**53**	**19.932**	ug/L	0.125	0	205	72644	1	Standard
⌊	**Mn**	**55**	**19.866**	ug/L	0.113	0	687	971296	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	105646	0	KED
⌈	**Ni**	**60**	**20.035**	ug/L	0.338	1	19	38764	0	KED
⌈	**Ni**	**62**	**20.215**	ug/L	0.089	0	6	6477	1	KED
⌈	**Cu**	**63**	**20.017**	ug/L	0.262	1	97	113640	0	KED
⌈	**Cu**	**65**	**20.046**	ug/L	0.050	0	48	56475	0	KED
⌈	**Zn**	**66**	**18.701**	ug/L	0.206	1	109	18348	0	KED
⌈	**Zn**	**67**	**18.912**	ug/L	0.070	0	17	2963	0	KED
⌈	**As**	**75**	**20.054**	ug/L	0.058	0	5	8068	0	KED
⌊	**Se**	**78**	**20.094**	ug/L	0.148	0	12	932	0	KED
	Y	**89**		ug/L			812004	822572	0	Standard
	Kr	**83**		ug/L			307	314	5	Standard
⌈>	**In-1**	**115**		ug/L			30583	29870	0	KED
⌈	**Mo**	**98**	**19.941**	ug/L	0.488	2	12	40458	1	KED
⌈	**Cd**	**111**	**19.929**	ug/L	0.121	0	2	9441	1	KED
⌊	**Cd**	**114**	**19.898**	ug/L	0.435	2	1	24476	1	KED
⌈>	**In**	**115**		ug/L			1489880	1532416	2	Standard
⌈	**Ag**	**107**	**19.873**	ug/L	0.360	1	86	429638	0	Standard
⌈	**Sb**	**121**	**19.806**	ug/L	0.643	3	418	470389	2	Standard
⌈	**Sb**	**123**	**19.828**	ug/L	0.381	1	364	368264	0	Standard
⌈	**Ba**	**135**	**19.878**	ug/L	0.287	1	53	178304	1	Standard
⌊	**Ba**	**137**	**19.812**	ug/L	0.249	1	71	309734	1	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3115348	1	Standard
⌈	**Tl**	**205**	**20.291**	ug/L	0.259	1	266	2355512	0	Standard
⌊	**Pb**	**208**	**19.942**	ug/L	0.349	1	533	2839408	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:06:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1228964	0	Standard
⌊	**Be**	**9**	**49.718**	ug/L	0.348	0	10	386783	0	Standard
	C	**13**		ug/L			24710	26492	0	Standard
	Cl	**37**		ug/L			7217379	7668437	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1473639	0	Standard
⌈	**Al**	**27**	**4959.824**	ug/L	34.443	0	5326	145837844	0	Standard
⌈	**V**	**51**	**49.719**	ug/L	0.286	0	6586	1682052	0	Standard
⌈	**V-1**	**51**	**49.739**	ug/L	0.363	0	310	1694888	0	Standard
⌈	**Cr**	**52**	**49.695**	ug/L	0.290	0	19577	1490598	1	Standard
⌈	**Cr**	**53**	**49.759**	ug/L	0.302	0	205	172542	0	Standard
⌊	**Mn**	**55**	**49.979**	ug/L	0.544	1	687	2378969	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	104553	0	KED
⌈	**Ni**	**60**	**49.566**	ug/L	0.459	0	19	90943	0	KED
⌈	**Ni**	**62**	**49.548**	ug/L	0.225	0	6	15023	0	KED
⌈	**Cu**	**63**	**49.633**	ug/L	0.451	0	97	268878	0	KED
⌈	**Cu**	**65**	**49.431**	ug/L	0.229	0	48	130335	0	KED
⌈	**Zn**	**66**	**48.097**	ug/L	0.066	0	109	39535	0	KED
⌈	**Zn**	**67**	**48.662**	ug/L	1.135	2	17	6686	1	KED
⌈	**As**	**75**	**49.691**	ug/L	0.638	1	5	19183	0	KED
⌊	**Se**	**78**	**49.633**	ug/L	1.305	2	12	2179	2	KED
	Y	**89**		ug/L			812004	822469	0	Standard
	Kr	**83**		ug/L			307	358	9	Standard
⌈>	**In-1**	**115**		ug/L			30583	29065	1	KED
⌈	**Mo**	**98**	**49.896**	ug/L	0.372	0	12	97487	1	KED
⌈	**Cd**	**111**	**49.686**	ug/L	0.684	1	2	22200	0	KED
⌊	**Cd**	**114**	**49.636**	ug/L	0.212	0	1	57326	1	KED
⌈>	**In**	**115**		ug/L			1489880	1484957	2	Standard
⌈	**Ag**	**107**	**49.822**	ug/L	0.447	0	86	1025521	2	Standard
⌈	**Sb**	**121**	**49.735**	ug/L	0.946	1	418	1114466	0	Standard
⌈	**Sb**	**123**	**49.766**	ug/L	0.114	0	364	874969	2	Standard
⌈	**Ba**	**135**	**49.837**	ug/L	0.412	0	53	426193	1	Standard
⌊	**Ba**	**137**	**49.884**	ug/L	0.594	1	71	746968	1	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3121491	0	Standard
⌈	**Tl**	**205**	**49.430**	ug/L	0.521	1	266	5439353	1	Standard
⌊	**Pb**	**208**	**49.735**	ug/L	0.316	0	533	6911933	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:12:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1215570	1192886	0	Standard
	Be	9	100.822	ug/L	1.988	1	10	782789	2	Standard
	C	13		ug/L			24710	41439	1	Standard
	Cl	37		ug/L			7217379	7650132	0	Standard
>	Sc	45		ug/L			1464999	1445644	1	Standard
	Al	27	10065.152	ug/L	285.451	2	5326	296722211	1	Standard
	V	51	101.745	ug/L	0.429	0	6586	3577830	1	Standard
	V-1	51	101.567	ug/L	0.450	0	310	3581965	1	Standard
	Cr	52	101.342	ug/L	0.575	0	19577	3099709	1	Standard
	Cr	53	100.770	ug/L	0.637	0	205	351589	0	Standard
	Mn	55	100.485	ug/L	1.769	1	687	4767578	0	Standard
>	Ge	72		ug/L			104412	104403	1	KED
	Ni	60	100.410	ug/L	0.428	0	19	186495	1	KED
	Ni	62	100.344	ug/L	1.532	1	6	30723	1	KED
	Cu	63	99.990	ug/L	1.139	1	97	540601	1	KED
	Cu	65	100.265	ug/L	1.786	1	48	266280	1	KED
	Zn	66	99.689	ug/L	1.142	1	109	80872	0	KED
	Zn	67	99.157	ug/L	3.259	3	17	13218	2	KED
	As	75	100.348	ug/L	1.246	1	5	39131	0	KED
	Se	78	100.238	ug/L	0.339	0	12	4417	1	KED
	Y	89		ug/L			812004	813308	0	Standard
	Kr	83		ug/L			307	339	9	Standard
>	In-1	115		ug/L			30583	28791	0	KED
	Mo	98	100.474	ug/L	1.199	1	12	197564	1	KED
	Cd	111	100.319	ug/L	0.918	0	2	44881	0	KED
	Cd	114	100.355	ug/L	0.700	0	1	116190	0	KED
>	In	115		ug/L			1489880	1463179	2	Standard
	Ag	107	100.980	ug/L	6.728	6	86	2115610	5	Standard
	Sb	121	101.577	ug/L	1.964	1	418	2366615	0	Standard
	Sb	123	100.242	ug/L	1.744	1	364	1749793	1	Standard
	Ba	135	100.716	ug/L	1.761	1	53	869197	1	Standard
	Ba	137	100.558	ug/L	1.486	1	71	1511613	1	Standard
>	Tb	159		ug/L			3005476	3088567	0	Standard
	Tl	205	99.913	ug/L	0.661	0	266	10846463	0	Standard
	Pb	208	100.994	ug/L	0.967	0	533	14362608	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:20:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1213678	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	94	10	15	30	Standard
	C	**13**		ug/L			24710	24918	1	Standard
	Cl	**37**		ug/L			7217379	7308982	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1461281	1	Standard
⌈	**Al**	**27**	**0.022**	ug/L	0.003	12	5326	5983	1	Standard
⌈	**V**	**51**	**-0.001**	ug/L	0.002	182	6586	6537	1	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	36	310	290	3	Standard
⌈	**Cr**	**52**	**-0.011**	ug/L	0.009	79	19577	19193	0	Standard
⌈	**Cr**	**53**	**-0.009**	ug/L	0.007	77	205	171	14	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	127	687	661	4	Standard
⌈>	**Ge**	**72**		ug/L			104412	104399	1	KED
⌈	**Ni**	**60**	**0.005**	ug/L	0.002	41	19	29	13	KED
⌈	**Ni**	**62**	**-0.008**	ug/L	0.009	113	6	4	65	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.002	67	97	109	8	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.002	89	48	55	9	KED
⌈	**Zn**	**66**	**0.001**	ug/L	0.009	1039	109	110	5	KED
⌈	**Zn**	**67**	**0.023**	ug/L	0.056	240	17	20	37	KED
⌈	**As**	**75**	**-0.002**	ug/L	0.002	96	5	4	15	KED
⌊	**Se**	**78**	**0.059**	ug/L	0.090	154	12	15	25	KED
	Y	**89**		ug/L			812004	799623	0	Standard
	Kr	**83**		ug/L			307	338	6	Standard
⌈>	**In-1**	**115**		ug/L			30583	29135	1	KED
⌈	**Mo**	**98**	**0.010**	ug/L	0.003	30	12	30	18	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.002	77	2	3	31	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	77	1	4	61	KED
⌈>	**In**	**115**		ug/L			1489880	1464242	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	43	86	108	9	Standard
⌈	**Sb**	**121**	**0.039**	ug/L	0.003	7	418	1327	4	Standard
⌈	**Sb**	**123**	**0.038**	ug/L	0.002	4	364	1019	2	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	266	53	48	22	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	103	71	82	15	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2971997	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	21	266	391	7	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	29	533	640	5	Standard

Sample Information

Sample Date/Time: Thursday, June 24, 2021 14:12:59
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

Calibration

Analyte	Mass	r Corr Coef	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**0.9999**	0.007	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
Al	27	**0.9999**	0.020	20.00	1000	2000	5000	10000
V	51	**0.9995**	0.024	0.20	10	20	50	100
V-1	51	**0.9996**	0.024	0.20	10	20	50	100
Cr	52	**0.9997**	0.021	0.50	10	20	50	100
Cr	53	**0.9999**	0.002	0.50	10	20	50	100
Mn	55	**1.0000**	0.033	0.50	10	20	50	100
Ge	72							
Ni	60	**0.9999**	0.018	0.50	10	20	50	100
Ni	62	**0.9999**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.052	0.50	10	20	50	100
Cu	65	**0.9999**	0.025	0.50	10	20	50	100
Zn	66	**0.9986**	0.008	6.00	10	20	50	100
Zn	67	**0.9992**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.004	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**1.0000**	0.068	0.20	10	20	50	100
Cd	111	**1.0000**	0.016	0.10	10	20	50	100
Cd	114	**0.9999**	0.040	0.10	10	20	50	100
In	115							
Ag	107	**0.9998**	0.014	0.20	10	20	50	100
Sb	121	**0.9996**	0.016	0.20	10	20	50	100
Sb	123	**1.0000**	0.012	0.20	10	20	50	100
Ba	135	**0.9999**	0.006	0.50	10	20	50	100
Ba	137	**0.9999**	0.010	0.50	10	20	50	100
Tb	159							
Tl	205	**0.9999**	0.035	0.20	10	20	50	100
Pb	208	**0.9998**	0.046	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:30:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1183223	0	Standard
⌊	**Be**	**9**	**47.220**	ug/L	0.229	0	10	363649	0	Standard
	C	**13**		ug/L			24710	28062	1	Standard
	Cl	**37**		ug/L			7217379	7527910	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1455877	1	Standard
⌈	**Al**	**27**	**4692.389**	ug/L	62.414	1	5326	139323889	1	Standard
⌈	**V**	**51**	**46.464**	ug/L	0.741	1	6586	1648790	1	Standard
⌈	**V-1**	**51**	**46.832**	ug/L	0.663	1	310	1663331	1	Standard
⌈	**Cr**	**52**	**46.148**	ug/L	0.732	1	19577	1431948	1	Standard
⌈	**Cr**	**53**	**47.342**	ug/L	0.566	1	205	166460	2	Standard
⌊	**Mn**	**55**	**48.243**	ug/L	1.200	2	687	2305914	3	Standard
⌈>	**Ge**	**72**		ug/L			104412	102464	0	KED
⌈	**Ni**	**60**	**49.296**	ug/L	0.522	1	19	89873	1	KED
⌈	**Ni**	**62**	**49.656**	ug/L	1.392	2	6	14925	2	KED
⌈	**Cu**	**63**	**48.939**	ug/L	0.093	0	97	259741	0	KED
⌈	**Cu**	**65**	**49.682**	ug/L	0.402	0	48	129528	0	KED
⌈	**Zn**	**66**	**47.121**	ug/L	0.467	0	109	37578	1	KED
⌈	**Zn**	**67**	**47.285**	ug/L	1.614	3	17	6196	3	KED
⌈	**As**	**75**	**48.304**	ug/L	1.004	2	5	18491	2	KED
⌊	**Se**	**78**	**76.537**	ug/L	3.033	3	12	3313	3	KED
	Y	**89**		ug/L			812004	802327	1	Standard
	Kr	**83**		ug/L			307	354	6	Standard
⌈>	**In-1**	**115**		ug/L			30583	29767	1	KED
⌈	**Mo**	**98**	**47.086**	ug/L	0.586	1	12	95721	0	KED
⌈	**Cd**	**111**	**47.049**	ug/L	1.024	2	2	21761	1	KED
⌊	**Cd**	**114**	**46.701**	ug/L	0.541	1	1	55897	0	KED
⌈>	**In**	**115**		ug/L			1489880	1449986	0	Standard
⌈	**Ag**	**107**	**46.003**	ug/L	0.884	1	86	955809	1	Standard
⌈	**Sb**	**121**	**46.419**	ug/L	1.326	2	418	1072178	2	Standard
⌈	**Sb**	**123**	**49.002**	ug/L	1.037	2	364	847985	1	Standard
⌈	**Ba**	**135**	**47.305**	ug/L	1.112	2	53	404653	1	Standard
⌊	**Ba**	**137**	**47.459**	ug/L	0.773	1	71	707132	1	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3031366	1	Standard
⌈	**Tl**	**205**	**49.048**	ug/L	0.706	1	266	5225838	0	Standard
⌊	**Pb**	**208**	**48.415**	ug/L	0.697	1	533	6757788	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:38:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1225737	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	35	10	5	33	Standard
	C	**13**		ug/L			24710	25005	1	Standard
	Cl	**37**		ug/L			7217379	7201433	0	Standard
>	**Sc**	**45**		ug/L			1464999	1451103	0	Standard
	Al	**27**	**0.007**	ug/L	0.006	85	5326	5470	3	Standard
	V	**51**	**0.003**	ug/L	0.001	44	6586	6632	0	Standard
	V-1	**51**	**-0.001**	ug/L	0.000	20	310	274	3	Standard
	Cr	**52**	**0.004**	ug/L	0.002	47	19577	19506	0	Standard
	Cr	**53**	**-0.009**	ug/L	0.005	52	205	171	10	Standard
	Mn	**55**	**-0.000**	ug/L	0.000	60	687	663	0	Standard
>	**Ge**	**72**		ug/L			104412	104278	0	KED
	Ni	**60**	**0.003**	ug/L	0.002	49	19	25	11	KED
	Ni	**62**	**-0.006**	ug/L	0.013	213	6	5	78	KED
	Cu	**63**	**0.003**	ug/L	0.001	52	97	111	6	KED
	Cu	**65**	**0.005**	ug/L	0.002	53	48	60	11	KED
	Zn	**66**	**0.039**	ug/L	0.044	110	109	141	25	KED
	Zn	**67**	**0.058**	ug/L	0.015	26	17	24	7	KED
	As	**75**	**0.003**	ug/L	0.001	46	5	6	8	KED
	Se	**78**	**-0.031**	ug/L	0.046	147	12	11	16	KED
	Y	**89**		ug/L			812004	804435	0	Standard
	Kr	**83**		ug/L			307	330	5	Standard
>	**In-1**	**115**		ug/L			30583	29489	1	KED
	Mo	**98**	**0.003**	ug/L	0.005	169	12	17	54	KED
	Cd	**111**	**0.004**	ug/L	0.005	119	2	4	58	KED
	Cd	**114**	**0.006**	ug/L	0.004	62	1	8	56	KED
>	**In**	**115**		ug/L			1489880	1470377	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	147	86	98	19	Standard
	Sb	**121**	**0.008**	ug/L	0.001	8	418	603	2	Standard
	Sb	**123**	**0.007**	ug/L	0.001	15	364	486	3	Standard
	Ba	**135**	**0.000**	ug/L	0.001	337	53	55	19	Standard
	Ba	**137**	**0.001**	ug/L	0.001	50	71	92	12	Standard
>	**Tb**	**159**		ug/L			3005476	2976655	1	Standard
	Tl	**205**	**0.001**	ug/L	0.000	14	266	371	5	Standard
	Pb	**208**	**0.001**	ug/L	0.000	7	533	622	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:45:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1203224	0	Standard
⌊	**Be**	**9**	**48.320**	ug/L	0.682	1	10	378412	1	Standard
	C	**13**		ug/L			24710	26134	1	Standard
	Cl	**37**		ug/L			7217379	7621529	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1444044	0	Standard
⌈	**Al**	**27**	**4946.508**	ug/L	126.096	2	5326	145697322	2	Standard
⌈	**V**	**51**	**46.856**	ug/L	0.411	0	6586	1649431	1	Standard
⌈	**V-1**	**51**	**47.166**	ug/L	0.387	0	310	1661840	1	Standard
⌈	**Cr**	**52**	**47.800**	ug/L	0.718	1	19577	1470602	1	Standard
⌈	**Cr**	**53**	**48.788**	ug/L	0.546	1	205	170146	1	Standard
⌊	**Mn**	**55**	**49.758**	ug/L	0.622	1	687	2358905	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	103622	1	KED
⌈	**Ni**	**60**	**48.332**	ug/L	0.443	0	19	89105	0	KED
⌈	**Ni**	**62**	**48.592**	ug/L	0.763	1	6	14770	0	KED
⌈	**Cu**	**63**	**49.124**	ug/L	0.249	0	97	263680	1	KED
⌈	**Cu**	**65**	**49.187**	ug/L	0.257	0	48	129681	0	KED
⌈	**Zn**	**66**	**48.783**	ug/L	0.701	1	109	39334	0	KED
⌈	**Zn**	**67**	**49.389**	ug/L	0.983	1	17	6544	1	KED
⌈	**As**	**75**	**49.298**	ug/L	0.223	0	5	19085	1	KED
⌊	**Se**	**78**	**49.638**	ug/L	1.300	2	12	2177	2	KED
	Y	**89**		ug/L			812004	800745	1	Standard
	Kr	**83**		ug/L			307	323	18	Standard
⌈>	**In-1**	**115**		ug/L			30583	29057	0	KED
⌈	**Mo**	**98**	**48.197**	ug/L	0.463	0	12	95654	1	KED
⌈	**Cd**	**111**	**49.111**	ug/L	0.211	0	2	22174	0	KED
⌊	**Cd**	**114**	**49.078**	ug/L	0.555	1	1	57346	1	KED
⌈>	**In**	**115**		ug/L			1489880	1438660	0	Standard
⌈	**Ag**	**107**	**48.060**	ug/L	1.049	2	86	990823	2	Standard
⌈	**Sb**	**121**	**47.252**	ug/L	0.567	1	418	1083092	1	Standard
⌈	**Sb**	**123**	**49.377**	ug/L	0.661	1	364	847830	0	Standard
⌈	**Ba**	**135**	**48.802**	ug/L	0.353	0	53	414254	1	Standard
⌊	**Ba**	**137**	**49.059**	ug/L	0.749	1	71	725338	2	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3029393	2	Standard
⌈	**Tl**	**205**	**50.172**	ug/L	1.191	2	266	5340927	0	Standard
⌊	**Pb**	**208**	**49.020**	ug/L	0.523	1	533	6837250	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:53:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1226807	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	4756	10	10	26	Standard
	C	**13**		ug/L			24710	24783	0	Standard
	Cl	**37**		ug/L			7217379	7228924	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1417369	1	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.004	26	5326	5580	1	Standard
⌈	**V**	**51**	**0.003**	ug/L	0.002	43	6586	6491	0	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	23	310	264	4	Standard
⌈	**Cr**	**52**	**0.008**	ug/L	0.012	150	19577	19184	0	Standard
⌈	**Cr**	**53**	**-0.006**	ug/L	0.007	109	205	176	12	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.000	338	687	661	3	Standard
⌈>	**Ge**	**72**		ug/L			104412	102702	0	KED
⌈	**Ni**	**60**	**0.003**	ug/L	0.004	126	19	25	30	KED
⌈	**Ni**	**62**	**-0.006**	ug/L	0.007	120	6	5	43	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.001	727	97	94	6	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.001	22	48	55	3	KED
⌈	**Zn**	**66**	**0.005**	ug/L	0.015	276	109	112	10	KED
⌈	**Zn**	**67**	**-0.008**	ug/L	0.054	693	17	15	45	KED
⌈	**As**	**75**	**-0.005**	ug/L	0.001	24	5	3	14	KED
⌊	**Se**	**78**	**0.015**	ug/L	0.091	626	12	13	28	KED
	Y	**89**		ug/L			812004	789204	1	Standard
	Kr	**83**		ug/L			307	322	5	Standard
⌈>	**In-1**	**115**		ug/L			30583	28444	1	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.003	183	12	14	42	KED
⌈	**Cd**	**111**	**0.007**	ug/L	0.005	77	2	5	47	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	248	1	1	110	KED
⌈>	**In**	**115**		ug/L			1489880	1421899	2	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	68	86	90	8	Standard
⌈	**Sb**	**121**	**0.048**	ug/L	0.003	5	418	1486	2	Standard
⌈	**Sb**	**123**	**0.047**	ug/L	0.003	6	364	1141	2	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	522	53	49	17	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.002	16198	71	67	35	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2908054	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	6	266	412	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	22	533	595	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:01:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1236869	0	Standard
⌊	**Be**	**9**	**0.184**	ug/L	0.014	7	10	1493	6	Standard
	C	**13**		ug/L			24710	33082	0	Standard
	Cl	**37**		ug/L			7217379	7142119	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1464841	1	Standard
⌈	**Al**	**27**	**19.105**	ug/L	0.635	3	5326	575979	2	Standard
⌈	**V**	**51**	**0.183**	ug/L	0.001	0	6586	13091	1	Standard
⌈	**V-1**	**51**	**0.181**	ug/L	0.002	1	310	6792	1	Standard
⌈	**Cr**	**52**	**0.473**	ug/L	0.007	1	19577	34134	0	Standard
⌈	**Cr**	**53**	**0.464**	ug/L	0.012	2	205	1842	1	Standard
⌊	**Mn**	**55**	**0.465**	ug/L	0.005	1	687	23041	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	103100	2	KED
⌈	**Ni**	**60**	**0.503**	ug/L	0.008	1	19	942	4	KED
⌈	**Ni**	**62**	**0.531**	ug/L	0.043	8	6	167	9	KED
⌈	**Cu**	**63**	**0.480**	ug/L	0.014	2	97	2659	3	KED
⌈	**Cu**	**65**	**0.498**	ug/L	0.020	3	48	1354	1	KED
⌈	**Zn**	**66**	**5.772**	ug/L	0.036	0	109	4726	2	KED
⌈	**Zn**	**67**	**5.334**	ug/L	0.138	2	17	718	0	KED
⌈	**As**	**75**	**0.179**	ug/L	0.005	3	5	74	5	KED
⌊	**Se**	**78**	**0.510**	ug/L	0.070	13	12	34	10	KED
	Y	**89**		ug/L			812004	802994	0	Standard
	Kr	**83**		ug/L			307	353	6	Standard
⌈>	**In-1**	**115**		ug/L			30583	29376	1	KED
⌈	**Mo**	**98**	**0.188**	ug/L	0.004	2	12	389	3	KED
⌈	**Cd**	**111**	**0.090**	ug/L	0.005	5	2	43	4	KED
⌊	**Cd**	**114**	**0.104**	ug/L	0.012	11	1	124	12	KED
⌈>	**In**	**115**		ug/L			1489880	1495434	1	Standard
⌈	**Ag**	**107**	**0.187**	ug/L	0.005	2	86	4084	3	Standard
⌈	**Sb**	**121**	**0.183**	ug/L	0.002	1	418	4788	1	Standard
⌈	**Sb**	**123**	**0.192**	ug/L	0.006	3	364	3797	1	Standard
⌈	**Ba**	**135**	**0.454**	ug/L	0.019	4	53	4058	5	Standard
⌊	**Ba**	**137**	**0.455**	ug/L	0.017	3	71	7054	2	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2961947	0	Standard
⌈	**Tl**	**205**	**0.190**	ug/L	0.001	0	266	20064	0	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.002	1	533	14114	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:05:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1211714	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	31	10	13	7	Standard
	C	**13**		ug/L			24710	149848	0	Standard
	Cl	**37**		ug/L			7217379	15763212	0	Standard
>	**Sc**	**45**		ug/L			1464999	1485173	1	Standard
	Al	**27**	**18959.970**	ug/L	365.504	1	5326	574396822	2	Standard
	V	**51**	**-0.019**	ug/L	0.017	87	6586	5992	9	Standard
	V-1	**51**	**2.109**	ug/L	0.005	0	310	76718	1	Standard
	Cr	**52**	**0.506**	ug/L	0.011	2	19577	35652	1	Standard
	Cr	**53**	**7.379**	ug/L	0.069	0	205	26646	1	Standard
	Mn	**55**	**0.078**	ug/L	0.001	1	687	4491	2	Standard
>	**Ge**	**72**		ug/L			104412	102025	1	KED
	Ni	**60**	**0.056**	ug/L	0.015	27	19	120	23	KED
	Ni	**62**	**0.143**	ug/L	0.041	28	6	49	23	KED
	Cu	**63**	**0.048**	ug/L	0.001	2	97	346	1	KED
	Cu	**65**	**0.042**	ug/L	0.005	12	48	156	9	KED
	Zn	**66**	**0.233**	ug/L	0.039	16	109	291	9	KED
	Zn	**67**	**0.325**	ug/L	0.034	10	17	59	5	KED
	As	**75**	**0.023**	ug/L	0.005	23	5	14	14	KED
	Se	**78**	**0.105**	ug/L	0.022	20	12	17	6	KED
	Y	**89**		ug/L			812004	817243	1	Standard
	Kr	**83**		ug/L			307	420	7	Standard
>	**In-1**	**115**		ug/L			30583	28603	0	KED
	Mo	**98**	**395.106**	ug/L	5.083	1	12	771746	0	KED
	Cd	**111**	**0.097**	ug/L	0.015	15	2	45	14	KED
	Cd	**114**	**0.084**	ug/L	0.007	8	1	98	7	KED
>	**In**	**115**		ug/L			1489880	1488427	0	Standard
	Ag	**107**	**0.006**	ug/L	0.001	20	86	210	12	Standard
	Sb	**121**	**0.003**	ug/L	0.002	67	418	480	8	Standard
	Sb	**123**	**0.001**	ug/L	0.000	39	364	373	0	Standard
	Ba	**135**	**0.038**	ug/L	0.001	1	53	389	1	Standard
	Ba	**137**	**0.033**	ug/L	0.001	4	71	582	3	Standard
>	**Tb**	**159**		ug/L			3005476	3240302	1	Standard
	Tl	**205**	**0.000**	ug/L	0.000	78	266	332	10	Standard
	Pb	**208**	**0.011**	ug/L	0.000	0	533	2177	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:10:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1215570	1208669	0	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	62	10	8	12	Standard
	C	**13**		ug/L			24710	150336	1	Standard
	Cl	**37**		ug/L			7217379	15587442	3	Standard
[>	**Sc**	**45**		ug/L			1464999	1507332	1	Standard
[	**Al**	**27**	**18326.320**	ug/L	375.163	2	5326	563316079	0	Standard
[	**V**	**51**	**-0.287**	ug/L	0.123	42	6586	-3740	120	Standard
[	**V-1**	**51**	**2.087**	ug/L	0.008	0	310	77045	1	Standard
[	**Cr**	**52**	**19.441**	ug/L	0.291	1	19577	636215	0	Standard
[	**Cr**	**53**	**26.821**	ug/L	0.534	1	205	97727	2	Standard
[	**Mn**	**55**	**19.018**	ug/L	0.236	1	687	941443	0	Standard
[>	**Ge**	**72**		ug/L			104412	104335	1	KED
[	**Ni**	**60**	**19.775**	ug/L	0.179	0	19	36718	0	KED
[	**Ni**	**62**	**19.556**	ug/L	0.479	2	6	5991	3	KED
[	**Cu**	**63**	**19.434**	ug/L	0.106	0	97	105088	1	KED
[	**Cu**	**65**	**19.501**	ug/L	0.235	1	48	51795	0	KED
[	**Zn**	**66**	**18.720**	ug/L	0.328	1	109	15268	2	KED
[	**Zn**	**67**	**17.264**	ug/L	0.386	2	17	2314	1	KED
[	**As**	**75**	**19.335**	ug/L	0.088	0	5	7540	0	KED
[	**Se**	**78**	**0.069**	ug/L	0.039	56	12	15	11	KED
	Y	**89**		ug/L			812004	824133	1	Standard
	Kr	**83**		ug/L			307	430	11	Standard
[>	**In-1**	**115**		ug/L			30583	29030	1	KED
[	**Mo**	**98**	**391.423**	ug/L	1.224	0	12	775998	1	KED
[	**Cd**	**111**	**19.164**	ug/L	0.162	0	2	8646	1	KED
[	**Cd**	**114**	**19.479**	ug/L	0.481	2	1	22740	2	KED
[>	**In**	**115**		ug/L			1489880	1517383	1	Standard
[	**Ag**	**107**	**17.210**	ug/L	0.212	1	86	374268	1	Standard
[	**Sb**	**121**	**-0.003**	ug/L	0.001	34	418	365	6	Standard
[	**Sb**	**123**	**-0.003**	ug/L	0.003	113	364	325	15	Standard
[	**Ba**	**135**	**0.062**	ug/L	0.005	8	53	611	6	Standard
[	**Ba**	**137**	**0.065**	ug/L	0.003	5	71	1079	6	Standard
[>	**Tb**	**159**		ug/L			3005476	3264047	1	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	41	266	343	5	Standard
[	**Pb**	**208**	**0.015**	ug/L	0.001	5	533	2791	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:17:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1127995	1	Standard
⌊	**Be**	**9**	**191.842**	ug/L	2.849	1	10	1408218	0	Standard
	C	**13**		ug/L			24710	32713	1	Standard
	Cl	**37**		ug/L			7217379	7466024	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1363958	2	Standard
⌈	**Al**	**27**	**19307.618**	ug/L	230.469	1	5326	537064197	1	Standard
⌈	**V**	**51**	**195.050**	ug/L	1.902	0	6586	6464986	1	Standard
⌈	**V-1**	**51**	**195.039**	ug/L	1.455	0	310	6489064	1	Standard
⌈	**Cr**	**52**	**194.488**	ug/L	2.966	1	19577	5594757	0	Standard
⌈	**Cr**	**53**	**194.460**	ug/L	2.039	1	205	639907	1	Standard
⌊	**Mn**	**55**	**191.169**	ug/L	3.148	1	687	8556594	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	96643	1	KED
⌈	**Ni**	**60**	**196.469**	ug/L	3.116	1	19	337721	0	KED
⌈	**Ni**	**62**	**196.244**	ug/L	5.419	2	6	55610	2	KED
⌈	**Cu**	**63**	**194.297**	ug/L	1.861	0	97	972316	1	KED
⌈	**Cu**	**65**	**195.966**	ug/L	4.395	2	48	481637	0	KED
⌈	**Zn**	**66**	**188.774**	ug/L	2.657	1	109	141662	0	KED
⌈	**Zn**	**67**	**189.085**	ug/L	3.764	1	17	23321	1	KED
⌈	**As**	**75**	**196.199**	ug/L	0.687	0	5	70822	1	KED
⌊	**Se**	**78**	**191.119**	ug/L	1.413	0	12	7785	1	KED
	Y	**89**		ug/L			812004	748447	0	Standard
	Kr	**83**		ug/L			307	408	7	Standard
⌈>	**In-1**	**115**		ug/L			30583	27247	0	KED
⌈	**Mo**	**98**	**199.001**	ug/L	2.036	1	12	370283	0	KED
⌈	**Cd**	**111**	**193.196**	ug/L	1.998	1	2	81792	0	KED
⌊	**Cd**	**114**	**192.875**	ug/L	2.628	1	1	211323	1	KED
⌈>	**In**	**115**		ug/L			1489880	1403611	1	Standard
⌈	**Ag**	**107**	**186.021**	ug/L	3.411	1	86	3740960	0	Standard
⌈	**Sb**	**121**	**197.889**	ug/L	3.268	1	418	4423385	0	Standard
⌈	**Sb**	**123**	**203.123**	ug/L	2.696	1	364	3401574	0	Standard
⌈	**Ba**	**135**	**193.302**	ug/L	0.948	0	53	1600631	0	Standard
⌊	**Ba**	**137**	**201.328**	ug/L	3.519	1	71	2903456	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2976542	0	Standard
⌈	**Tl**	**205**	**188.648**	ug/L	1.701	0	266	19737163	0	Standard
⌊	**Pb**	**208**	**189.713**	ug/L	1.772	0	533	26001081	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:21:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1120907	1	Standard
⌊	**Be**	**9**	**283.005**	ug/L	1.637	0	10	2064520	1	Standard
	C	**13**		ug/L			24710	32923	1	Standard
	Cl	**37**		ug/L			7217379	7310096	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1315417	1	Standard
⌈	**Al**	**27**	**29382.931**	ug/L	202.147	0	5326	788306439	0	Standard
⌊	**V**	**51**	**288.772**	ug/L	4.105	1	6586	9228585	1	Standard
⌈	**V-1**	**51**	**290.203**	ug/L	2.450	0	310	9311984	0	Standard
⌊	**Cr**	**52**	**290.241**	ug/L	3.439	1	19577	8044547	1	Standard
⌈	**Cr**	**53**	**294.845**	ug/L	3.481	1	205	935704	1	Standard
⌊	**Mn**	**55**	**286.537**	ug/L	1.586	0	687	12371201	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	93308	0	KED
⌈	**Ni**	**60**	**292.791**	ug/L	2.753	0	19	486009	1	KED
⌊	**Ni**	**62**	**293.029**	ug/L	0.837	0	6	80182	0	KED
⌈	**Cu**	**63**	**284.739**	ug/L	1.234	0	97	1375769	0	KED
⌊	**Cu**	**65**	**287.805**	ug/L	1.178	0	48	683101	0	KED
⌈	**Zn**	**66**	**273.842**	ug/L	3.443	1	109	198387	0	KED
⌊	**Zn**	**67**	**277.007**	ug/L	4.791	1	17	32981	1	KED
⌈	**As**	**75**	**298.959**	ug/L	2.277	0	5	104191	0	KED
⌊	**Se**	**78**	**286.403**	ug/L	2.410	0	12	11259	1	KED
	Y	**89**		ug/L			812004	720898	0	Standard
	Kr	**83**		ug/L			307	468	3	Standard
⌈>	**In-1**	**115**		ug/L			30583	26279	0	KED
⌈	**Mo**	**98**	**293.334**	ug/L	1.829	0	12	526449	1	KED
⌊	**Cd**	**111**	**287.178**	ug/L	2.317	0	2	117258	0	KED
⌊	**Cd**	**114**	**286.478**	ug/L	4.899	1	1	302721	1	KED
⌈>	**In**	**115**		ug/L			1489880	1303379	0	Standard
⌈	**Ag**	**107**	**277.711**	ug/L	2.933	1	86	5186446	0	Standard
⌊	**Sb**	**121**	**289.703**	ug/L	5.039	1	418	6013395	1	Standard
⌈	**Sb**	**123**	**297.502**	ug/L	1.442	0	364	4626489	0	Standard
⌊	**Ba**	**135**	**316.993**	ug/L	2.710	0	53	2437541	1	Standard
⌊	**Ba**	**137**	**311.994**	ug/L	1.631	0	71	4178588	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2838853	1	Standard
⌈	**Tl**	**205**	**287.724**	ug/L	2.238	0	266	28708123	1	Standard
⌊	**Pb**	**208**	**285.393**	ug/L	2.278	0	533	37303068	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:29:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1190662	1	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	40	10	27	23	Standard
	C	**13**		ug/L			24710	30938	1	Standard
	Cl	**37**		ug/L			7217379	7186906	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1390800	1	Standard
⌈	**Al**	**27**	**0.116**	ug/L	0.001	0	5326	8341	1	Standard
⌊	**V**	**51**	**0.011**	ug/L	0.006	56	6586	6630	1	Standard
⌈	**V-1**	**51**	**0.025**	ug/L	0.002	7	310	1131	4	Standard
⌊	**Cr**	**52**	**0.033**	ug/L	0.016	48	19577	19547	0	Standard
⌈	**Cr**	**53**	**0.076**	ug/L	0.002	3	205	450	1	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.001	6	687	1051	2	Standard
⌈>	**Ge**	**72**		ug/L			104412	100335	2	KED
⌈	**Ni**	**60**	**0.009**	ug/L	0.008	87	19	34	38	KED
⌊	**Ni**	**62**	**0.005**	ug/L	0.021	401	6	8	74	KED
⌈	**Cu**	**63**	**0.016**	ug/L	0.003	20	97	179	11	KED
⌊	**Cu**	**65**	**0.020**	ug/L	0.004	21	48	97	10	KED
⌈	**Zn**	**66**	**0.155**	ug/L	0.054	34	109	226	16	KED
⌊	**Zn**	**67**	**0.165**	ug/L	0.078	46	17	37	24	KED
⌈	**As**	**75**	**0.008**	ug/L	0.004	49	5	8	17	KED
⌊	**Se**	**78**	**0.022**	ug/L	0.060	270	12	13	20	KED
	Y	**89**		ug/L			812004	776571	0	Standard
	Kr	**83**		ug/L			307	306	11	Standard
⌈>	**In-1**	**115**		ug/L			30583	27990	0	KED
⌈	**Mo**	**98**	**0.026**	ug/L	0.001	5	12	60	4	KED
⌊	**Cd**	**111**	**0.004**	ug/L	0.002	54	2	3	25	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.005	145	1	4	116	KED
⌈>	**In**	**115**		ug/L			1489880	1416755	0	Standard
⌈	**Ag**	**107**	**0.005**	ug/L	0.001	30	86	180	16	Standard
⌈	**Sb**	**121**	**0.186**	ug/L	0.008	4	418	4585	2	Standard
⌊	**Sb**	**123**	**0.186**	ug/L	0.009	4	364	3496	3	Standard
⌈	**Ba**	**135**	**0.006**	ug/L	0.001	13	53	98	6	Standard
⌊	**Ba**	**137**	**0.007**	ug/L	0.001	15	71	174	9	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2832538	0	Standard
⌈	**Tl**	**205**	**0.017**	ug/L	0.001	7	266	1918	6	Standard
⌊	**Pb**	**208**	**0.020**	ug/L	0.000	1	533	3066	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:35:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1204784	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	39	10	15	12	Standard
	C	**13**		ug/L			24710	31006	1	Standard
	Cl	**37**		ug/L			7217379	7121521	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1412265	0	Standard
⌈	**Al**	**27**	**0.127**	ug/L	0.003	2	5326	8802	0	Standard
⌊	**V**	**51**	**0.008**	ug/L	0.001	15	6586	6618	0	Standard
⌈	**V-1**	**51**	**0.016**	ug/L	0.001	8	310	863	4	Standard
⌊	**Cr**	**52**	**0.028**	ug/L	0.004	15	19577	19704	0	Standard
⌈	**Cr**	**53**	**0.055**	ug/L	0.006	11	205	386	4	Standard
⌊	**Mn**	**55**	**0.011**	ug/L	0.000	3	687	1192	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	100661	0	KED
⌈	**Ni**	**60**	**0.015**	ug/L	0.007	46	19	45	27	KED
⌊	**Ni**	**62**	**0.007**	ug/L	0.004	50	6	8	12	KED
⌈	**Cu**	**63**	**0.015**	ug/L	0.002	12	97	170	6	KED
⌊	**Cu**	**65**	**0.013**	ug/L	0.001	8	48	79	3	KED
⌈	**Zn**	**66**	**0.166**	ug/L	0.029	17	109	235	9	KED
⌊	**Zn**	**67**	**0.188**	ug/L	0.053	28	17	40	16	KED
⌈	**As**	**75**	**0.008**	ug/L	0.005	63	5	8	24	KED
⌊	**Se**	**78**	**0.023**	ug/L	0.074	324	12	13	23	KED
	Y	**89**		ug/L			812004	779098	1	Standard
	Kr	**83**		ug/L			307	340	3	Standard
⌈>	**In-1**	**115**		ug/L			30583	27940	2	KED
⌈	**Mo**	**98**	**0.007**	ug/L	0.002	29	12	23	15	KED
⌊	**Cd**	**111**	**0.008**	ug/L	0.004	51	2	5	33	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.002	61	1	4	48	KED
⌈>	**In**	**115**		ug/L			1489880	1409691	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	34	86	104	7	Standard
⌈	**Sb**	**121**	**0.057**	ug/L	0.004	7	418	1674	5	Standard
⌊	**Sb**	**123**	**0.057**	ug/L	0.004	6	364	1307	4	Standard
⌈	**Ba**	**135**	**0.007**	ug/L	0.001	9	53	111	5	Standard
⌊	**Ba**	**137**	**0.010**	ug/L	0.001	10	71	207	6	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2881527	1	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.001	10	266	750	8	Standard
⌊	**Pb**	**208**	**0.021**	ug/L	0.000	1	533	3358	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:42:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1214532	1	Standard
⌊	**Be**	**9**	**47.363**	ug/L	0.466	0	10	374367	1	Standard
	C	**13**		ug/L			24710	26045	0	Standard
	Cl	**37**		ug/L			7217379	7489790	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1437268	1	Standard
⌈	**Al**	**27**	**4792.440**	ug/L	34.475	0	5326	140492401	1	Standard
⌈	**V**	**51**	**47.175**	ug/L	0.357	0	6586	1652642	1	Standard
⌈	**V-1**	**51**	**47.532**	ug/L	0.456	0	310	1666674	1	Standard
⌈	**Cr**	**52**	**47.420**	ug/L	0.544	1	19577	1452062	0	Standard
⌈	**Cr**	**53**	**48.569**	ug/L	0.525	1	205	168570	0	Standard
⌊	**Mn**	**55**	**48.629**	ug/L	0.887	1	687	2294122	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	100735	1	KED
⌈	**Ni**	**60**	**48.499**	ug/L	0.834	1	19	86918	0	KED
⌈	**Ni**	**62**	**48.152**	ug/L	0.596	1	6	14229	0	KED
⌈	**Cu**	**63**	**49.252**	ug/L	0.596	1	97	256973	0	KED
⌈	**Cu**	**65**	**49.496**	ug/L	0.716	1	48	126854	0	KED
⌈	**Zn**	**66**	**48.021**	ug/L	0.807	1	109	37643	1	KED
⌈	**Zn**	**67**	**48.785**	ug/L	1.395	2	17	6283	2	KED
⌈	**As**	**75**	**49.493**	ug/L	0.201	0	5	18627	1	KED
⌊	**Se**	**78**	**49.325**	ug/L	0.644	1	12	2103	1	KED
	Y	**89**		ug/L			812004	792825	1	Standard
	Kr	**83**		ug/L			307	315	9	Standard
⌈>	**In-1**	**115**		ug/L			30583	28084	0	KED
⌈	**Mo**	**98**	**48.599**	ug/L	0.587	1	12	93213	0	KED
⌈	**Cd**	**111**	**49.163**	ug/L	0.650	1	2	21454	0	KED
⌊	**Cd**	**114**	**48.762**	ug/L	0.438	0	1	55068	1	KED
⌈>	**In**	**115**		ug/L			1489880	1446380	2	Standard
⌈	**Ag**	**107**	**47.334**	ug/L	1.487	3	86	980916	2	Standard
⌈	**Sb**	**121**	**47.559**	ug/L	0.249	0	418	1095839	1	Standard
⌈	**Sb**	**123**	**49.389**	ug/L	0.834	1	364	852589	2	Standard
⌈	**Ba**	**135**	**47.875**	ug/L	0.148	0	53	408563	2	Standard
⌊	**Ba**	**137**	**47.851**	ug/L	0.722	1	71	711095	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2967505	1	Standard
⌈	**Tl**	**205**	**49.756**	ug/L	0.714	1	266	5190011	1	Standard
⌊	**Pb**	**208**	**48.750**	ug/L	0.391	0	533	6662151	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:49:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1202132	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	87	10	17	33	Standard
	C	**13**		ug/L			24710	25546	1	Standard
	Cl	**37**		ug/L			7217379	7099624	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1389252	0	Standard
⌈	**Al**	**27**	**0.020**	ug/L	0.002	10	5326	5624	1	Standard
⌊	**V**	**51**	**0.007**	ug/L	0.002	34	6586	6470	1	Standard
⌈	**V-1**	**51**	**0.010**	ug/L	0.001	7	310	638	3	Standard
⌊	**Cr**	**52**	**0.021**	ug/L	0.011	50	19577	19182	1	Standard
⌈	**Cr**	**53**	**0.032**	ug/L	0.002	6	205	302	2	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.003	124	687	754	17	Standard
⌈>	**Ge**	**72**		ug/L			104412	99876	2	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.001	86	19	21	13	KED
⌊	**Ni**	**62**	**-0.005**	ug/L	0.020	370	6	5	114	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.002	753	97	94	14	KED
⌊	**Cu**	**65**	**0.003**	ug/L	0.006	187	48	55	26	KED
⌈	**Zn**	**66**	**0.051**	ug/L	0.020	39	109	144	13	KED
⌊	**Zn**	**67**	**0.031**	ug/L	0.036	117	17	20	23	KED
⌈	**As**	**75**	**0.002**	ug/L	0.003	131	5	6	19	KED
⌊	**Se**	**78**	**-0.001**	ug/L	0.061	5231	12	12	19	KED
	Y	**89**		ug/L			812004	773845	1	Standard
	Kr	**83**		ug/L			307	350	7	Standard
⌈>	**In-1**	**115**		ug/L			30583	27942	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.004	112	12	18	42	KED
⌊	**Cd**	**111**	**0.003**	ug/L	0.003	99	2	3	41	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.004	69	1	6	58	KED
⌈>	**In**	**115**		ug/L			1489880	1417333	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	71	86	93	8	Standard
⌈	**Sb**	**121**	**0.067**	ug/L	0.001	1	418	1905	1	Standard
⌊	**Sb**	**123**	**0.066**	ug/L	0.003	4	364	1469	3	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.000	48	53	55	3	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	50	71	92	13	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2871807	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.001	18	266	565	11	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	16	533	820	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:55:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1215570	1131285	1	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	34	10	29	20	Standard
	C	**13**		ug/L			24710	46822	0	Standard
	Cl	**37**		ug/L			7217379	7284368	0	Standard
[>	**Sc**	**45**		ug/L			1464999	1534099	0	Standard
[	**Al**	**27**	**8.715**	ug/L	0.255	2	5326	278284	3	Standard
[	**V**	**51**	**0.154**	ug/L	0.004	2	6586	12639	1	Standard
[	**V-1**	**51**	**0.198**	ug/L	0.006	3	310	7743	2	Standard
[	**Cr**	**52**	**0.160**	ug/L	0.007	4	19577	25666	1	Standard
[	**Cr**	**53**	**0.303**	ug/L	0.005	1	205	1334	0	Standard
[	**Mn**	**55**	**325.260**	ug/L	0.692	0	687	16377380	0	Standard
[>	**Ge**	**72**		ug/L			104412	94487	0	KED
[	**Ni**	**60**	**0.295**	ug/L	0.027	9	19	514	8	KED
[	**Ni**	**62**	**0.289**	ug/L	0.032	11	6	86	9	KED
[	**Cu**	**63**	**0.684**	ug/L	0.035	5	97	3436	5	KED
[	**Cu**	**65**	**0.729**	ug/L	0.011	1	48	1795	0	KED
[	**Zn**	**66**	**5.495**	ug/L	0.031	0	109	4128	0	KED
[	**Zn**	**67**	**15.347**	ug/L	0.596	3	17	1864	3	KED
[	**As**	**75**	**2.960**	ug/L	0.046	1	5	1049	2	KED
[	**Se**	**78**	**0.095**	ug/L	0.047	49	12	15	12	KED
	Y	**89**		ug/L			812004	763207	0	Standard
	Kr	**83**		ug/L			307	344	4	Standard
[>	**In-1**	**115**		ug/L			30583	26651	0	KED
[	**Mo**	**98**	**3.714**	ug/L	0.089	2	12	6771	2	KED
[	**Cd**	**111**	**0.010**	ug/L	0.009	93	2	6	63	KED
[	**Cd**	**114**	**0.007**	ug/L	0.003	45	1	7	38	KED
[>	**In**	**115**		ug/L			1489880	1365582	0	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.001	76	86	109	20	Standard
[	**Sb**	**121**	**0.059**	ug/L	0.005	8	418	1657	6	Standard
[	**Sb**	**123**	**0.057**	ug/L	0.001	1	364	1267	2	Standard
[	**Ba**	**135**	**152.994**	ug/L	1.303	0	53	1232604	1	Standard
[	**Ba**	**137**	**162.349**	ug/L	1.548	0	71	2278043	0	Standard
[>	**Tb**	**159**		ug/L			3005476	2869520	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	31	266	353	8	Standard
[	**Pb**	**208**	**0.096**	ug/L	0.001	0	533	13231	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0131-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:01:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1215570	1121189	0	Standard
	Be	9	0.033	ug/L	0.003	9	10	252	9	Standard
	C	13		ug/L			24710	125189	0	Standard
	Cl	37		ug/L			7217379	6770032	1	Standard
>	Sc	45		ug/L			1464999	1502963	0	Standard
	Al	27	1948.009	ug/L	13.851	0	5326	59722905	1	Standard
	V	51	0.403	ug/L	0.006	1	6586	21458	0	Standard
	V-1	51	0.467	ug/L	0.007	1	310	17424	0	Standard
	Cr	52	1.137	ug/L	0.021	1	19577	56004	1	Standard
	Cr	53	1.332	ug/L	0.040	3	205	5038	2	Standard
	Mn	55	5.186	ug/L	0.142	2	687	256519	2	Standard
>	Ge	72		ug/L			104412	97396	0	KED
	Ni	60	0.871	ug/L	0.028	3	19	1527	2	KED
	Ni	62	0.882	ug/L	0.051	5	6	258	6	KED
	Cu	63	7.923	ug/L	0.110	1	97	40043	0	KED
	Cu	65	8.130	ug/L	0.166	2	48	20183	1	KED
	Zn	66	9.217	ug/L	0.131	1	109	7069	2	KED
	Zn	67	21.980	ug/L	0.475	2	17	2746	3	KED
	As	75	0.345	ug/L	0.013	3	5	130	2	KED
	Se	78	0.094	ug/L	0.069	73	12	15	16	KED
	Y	89		ug/L			812004	769813	1	Standard
	Kr	83		ug/L			307	340	3	Standard
>	In-1	115		ug/L			30583	26658	1	KED
	Mo	98	0.375	ug/L	0.018	4	12	692	4	KED
	Cd	111	0.243	ug/L	0.027	11	2	102	12	KED
	Cd	114	0.013	ug/L	0.004	30	1	15	29	KED
>	In	115		ug/L			1489880	1395715	2	Standard
	Ag	107	10.363	ug/L	0.226	2	86	207270	0	Standard
	Sb	121	0.940	ug/L	0.022	2	418	21278	1	Standard
	Sb	123	1.026	ug/L	0.034	3	364	17414	1	Standard
	Ba	135	182.576	ug/L	1.290	0	53	1503194	1	Standard
	Ba	137	195.656	ug/L	5.584	2	71	2804825	0	Standard
>	Tb	159		ug/L			3005476	3004719	0	Standard
	Tl	205	0.004	ug/L	0.000	5	266	638	3	Standard
	Pb	208	1.551	ug/L	0.041	2	533	215020	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0160-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:06:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1160963	1	Standard
	Be	**9**	**0.004**	ug/L	0.001	17	10	40	14	Standard
	C	**13**		ug/L			24710	57137	1	Standard
	Cl	**37**		ug/L			7217379	7176859	0	Standard
>	**Sc**	**45**		ug/L			1464999	1601760	0	Standard
	Al	**27**	**10.618**	ug/L	0.160	1	5326	352700	0	Standard
	V	**51**	**0.506**	ug/L	0.012	2	6586	26895	1	Standard
	V-1	**51**	**0.726**	ug/L	0.013	1	310	28721	1	Standard
	Cr	**52**	**0.256**	ug/L	0.008	3	19577	30024	0	Standard
	Cr	**53**	**0.971**	ug/L	0.011	1	205	3976	0	Standard
	Mn	**55**	**641.009**	ug/L	5.538	0	687	33698173	0	Standard
>	**Ge**	**72**		ug/L			104412	99770	1	KED
	Ni	**60**	**0.913**	ug/L	0.058	6	19	1640	6	KED
	Ni	**62**	**0.915**	ug/L	0.080	8	6	274	8	KED
	Cu	**63**	**0.436**	ug/L	0.012	2	97	2344	1	KED
	Cu	**65**	**0.441**	ug/L	0.010	2	48	1165	1	KED
	Zn	**66**	**16.628**	ug/L	0.134	0	109	12979	1	KED
	Zn	**67**	**16.006**	ug/L	0.355	2	17	2052	1	KED
	As	**75**	**1.282**	ug/L	0.043	3	5	483	4	KED
	Se	**78**	**0.029**	ug/L	0.115	393	12	13	36	KED
	Y	**89**		ug/L			812004	789392	0	Standard
	Kr	**83**		ug/L			307	361	5	Standard
>	**In-1**	**115**		ug/L			30583	27818	1	KED
	Mo	**98**	**0.639**	ug/L	0.021	3	12	1225	3	KED
	Cd	**111**	**0.019**	ug/L	0.008	45	2	10	37	KED
	Cd	**114**	**0.018**	ug/L	0.003	15	1	21	13	KED
>	**In**	**115**		ug/L			1489880	1460442	2	Standard
	Ag	**107**	**0.001**	ug/L	0.001	98	86	104	17	Standard
	Sb	**121**	**0.111**	ug/L	0.007	6	418	2994	3	Standard
	Sb	**123**	**0.116**	ug/L	0.006	5	364	2373	3	Standard
	Ba	**135**	**12.946**	ug/L	0.284	2	53	111557	0	Standard
	Ba	**137**	**13.085**	ug/L	0.494	3	71	196335	1	Standard
>	**Tb**	**159**		ug/L			3005476	2992719	1	Standard
	Tl	**205**	**0.000**	ug/L	0.000	237	266	280	11	Standard
	Pb	**208**	**0.077**	ug/L	0.000	0	533	11080	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0163-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:14:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1215570	1280866	1	Standard
	Be	9	0.004	ug/L	0.001	15	10	45	12	Standard
	C	13		ug/L			24710	67379	1	Standard
	Cl	37		ug/L			7217379	21190198	2	Standard
>	Sc	45		ug/L			1464999	1621235	1	Standard
	Al	27	211.915	ug/L	6.282	2	5326	7011932	2	Standard
	V	51	1.255	ug/L	0.279	22	6586	56662	19	Standard
	V-1	51	7.909	ug/L	0.072	0	310	313129	0	Standard
	Cr	52	144.323	ug/L	2.755	1	19577	4940697	1	Standard
	Cr	53	163.692	ug/L	2.451	1	205	640315	0	Standard
	Mn	55	3.359	ug/L	0.043	1	687	179496	0	Standard
>	Ge	72		ug/L			104412	96341	2	KED
	Ni	60	11.192	ug/L	0.255	2	19	19192	0	KED
	Ni	62	11.238	ug/L	0.598	5	6	3178	3	KED
	Cu	63	21.324	ug/L	0.198	0	97	106454	1	KED
	Cu	65	21.563	ug/L	0.295	1	48	52873	1	KED
	Zn	66	15.269	ug/L	0.230	1	109	11515	0	KED
	Zn	67	14.302	ug/L	0.296	2	17	1772	0	KED
	As	75	0.434	ug/L	0.018	4	5	161	2	KED
	Se	78	0.197	ug/L	0.070	35	12	19	11	KED
	Y	89		ug/L			812004	806199	1	Standard
	Kr	83		ug/L			307	513	4	Standard
>	In-1	115		ug/L			30583	26856	1	KED
	Mo	98	2.015	ug/L	0.005	0	12	3706	1	KED
	Cd	111	0.531	ug/L	0.056	10	2	223	9	KED
	Cd	114	0.614	ug/L	0.055	8	1	664	8	KED
>	In	115		ug/L			1489880	1342839	2	Standard
	Ag	107	0.012	ug/L	0.001	8	86	307	4	Standard
	Sb	121	2.495	ug/L	0.038	1	418	53720	0	Standard
	Sb	123	2.594	ug/L	0.028	1	364	41888	2	Standard
	Ba	135	4.201	ug/L	0.100	2	53	33317	0	Standard
	Ba	137	4.257	ug/L	0.043	1	71	58801	1	Standard
>	Tb	159		ug/L			3005476	3015204	0	Standard
	Tl	205	0.002	ug/L	0.000	11	266	497	5	Standard
	Pb	208	0.152	ug/L	0.001	0	533	21626	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0185-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:22:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1215570	1206527	0	Standard
[	**Be**	**9**	**0.008**	ug/L	0.000	0	10	74	1	Standard
	C	**13**		ug/L			24710	53566	0	Standard
	Cl	**37**		ug/L			7217379	7868252	0	Standard
[>	**Sc**	**45**		ug/L			1464999	1685975	0	Standard
[	**Al**	**27**	**13.788**	ug/L	0.183	1	5326	480233	0	Standard
[	**V**	**51**	**1.374**	ug/L	0.006	0	6586	63837	0	Standard
[	**V-1**	**51**	**1.604**	ug/L	0.010	0	310	66336	0	Standard
[	**Cr**	**52**	**0.014**	ug/L	0.005	32	19577	23036	0	Standard
[	**Cr**	**53**	**0.779**	ug/L	0.011	1	205	3402	1	Standard
[	**Mn**	**55**	**161.542**	ug/L	1.466	0	687	8939592	0	Standard
[>	**Ge**	**72**		ug/L			104412	91283	1	KED
[	**Ni**	**60**	**4.841**	ug/L	0.072	1	19	7877	0	KED
[	**Ni**	**62**	**4.756**	ug/L	0.070	1	6	1279	2	KED
[	**Cu**	**63**	**0.222**	ug/L	0.006	2	97	1132	1	KED
[	**Cu**	**65**	**0.231**	ug/L	0.005	2	48	580	3	KED
[	**Zn**	**66**	**1.021**	ug/L	0.006	0	109	819	1	KED
[	**Zn**	**67**	**3.367**	ug/L	0.023	0	17	406	0	KED
[	**As**	**75**	**0.548**	ug/L	0.014	2	5	191	3	KED
[	**Se**	**78**	**0.475**	ug/L	0.124	26	12	29	14	KED
	Y	**89**		ug/L			812004	753525	1	Standard
	Kr	**83**		ug/L			307	349	2	Standard
[>	**In-1**	**115**		ug/L			30583	26053	1	KED
[	**Mo**	**98**	**1.812**	ug/L	0.023	1	12	3234	2	KED
[	**Cd**	**111**	**0.094**	ug/L	0.010	10	2	40	8	KED
[	**Cd**	**114**	**0.091**	ug/L	0.008	8	1	96	7	KED
[>	**In**	**115**		ug/L			1489880	1346889	2	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.001	273	86	86	25	Standard
[	**Sb**	**121**	**0.024**	ug/L	0.002	7	418	897	6	Standard
[	**Sb**	**123**	**0.023**	ug/L	0.001	5	364	700	0	Standard
[	**Ba**	**135**	**39.884**	ug/L	0.734	1	53	316866	0	Standard
[	**Ba**	**137**	**40.132**	ug/L	1.432	3	71	555189	1	Standard
[>	**Tb**	**159**		ug/L			3005476	2910379	0	Standard
[	**Tl**	**205**	**0.008**	ug/L	0.000	4	266	1062	4	Standard
[	**Pb**	**208**	**0.029**	ug/L	0.001	1	533	4395	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0185-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:28:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1215570	1410623	1	Standard
	Be	9	0.004	ug/L	0.001	16	10	49	11	Standard
	C	13		ug/L			24710	66388	0	Standard
	Cl	37		ug/L			7217379	29830140	0	Standard
>	Sc	45		ug/L			1464999	1911329	0	Standard
	Al	27	37.716	ug/L	0.070	0	5326	1477246	0	Standard
	V	51	3.181	ug/L	0.037	1	6586	156196	1	Standard
	V-1	51	8.322	ug/L	0.025	0	310	388427	1	Standard
	Cr	52	0.556	ug/L	0.011	1	19577	47868	0	Standard
	Cr	53	17.223	ug/L	0.154	0	205	79675	1	Standard
	Mn	55	16.216	ug/L	0.143	0	687	1018087	0	Standard
>	Ge	72		ug/L			104412	88720	1	KED
	Ni	60	6.370	ug/L	0.014	0	19	10070	0	KED
	Ni	62	6.344	ug/L	0.186	2	6	1656	3	KED
	Cu	63	0.418	ug/L	0.009	2	97	2001	0	KED
	Cu	65	0.428	ug/L	0.037	8	48	1007	7	KED
	Zn	66	1.140	ug/L	0.022	1	109	878	0	KED
	Zn	67	7.591	ug/L	0.323	4	17	873	4	KED
	As	75	1.353	ug/L	0.077	5	5	453	6	KED
	Se	78	28.811	ug/L	0.259	0	12	1086	1	KED
	Y	89		ug/L			812004	771690	1	Standard
	Kr	83		ug/L			307	347	9	Standard
>	In-1	115		ug/L			30583	25054	0	KED
	Mo	98	3.501	ug/L	0.084	2	12	5999	2	KED
	Cd	111	0.079	ug/L	0.019	24	2	32	22	KED
	Cd	114	0.067	ug/L	0.013	19	1	68	19	KED
>	In	115		ug/L			1489880	1218070	3	Standard
	Ag	107	0.002	ug/L	0.001	31	86	102	7	Standard
	Sb	121	0.044	ug/L	0.004	9	418	1189	5	Standard
	Sb	123	0.049	ug/L	0.003	5	364	1017	5	Standard
	Ba	135	139.454	ug/L	3.708	2	53	1001603	0	Standard
	Ba	137	139.242	ug/L	4.293	3	71	1741786	0	Standard
>	Tb	159		ug/L			3005476	2960882	0	Standard
	Tl	205	0.004	ug/L	0.000	1	266	695	0	Standard
	Pb	208	0.143	ug/L	0.001	0	533	20073	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0192-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:35:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1214892	1	Standard
	Be	**9**	**0.014**	ug/L	0.002	11	10	118	9	Standard
	C	**13**		ug/L			24710	71438	0	Standard
	Cl	**37**		ug/L			7217379	7382997	0	Standard
>	**Sc**	**45**		ug/L			1464999	1472534	1	Standard
	Al	**27**	**750.345**	ug/L	10.689	1	5326	22544316	2	Standard
	V	**51**	**2.784**	ug/L	0.032	1	6586	106138	1	Standard
	V-1	**51**	**3.158**	ug/L	0.046	1	310	113720	0	Standard
	Cr	**52**	**2.728**	ug/L	0.073	2	19577	104147	2	Standard
	Cr	**53**	**3.939**	ug/L	0.088	2	205	14193	0	Standard
	Mn	**55**	**27.238**	ug/L	0.412	1	687	1316939	1	Standard
>	**Ge**	**72**		ug/L			104412	102752	0	KED
	Ni	**60**	**3.941**	ug/L	0.052	1	19	7222	2	KED
	Ni	**62**	**3.991**	ug/L	0.324	8	6	1208	7	KED
	Cu	**63**	**20.135**	ug/L	0.043	0	97	107225	0	KED
	Cu	**65**	**20.251**	ug/L	0.220	1	48	52971	0	KED
	Zn	**66**	**143.662**	ug/L	0.526	0	109	114668	1	KED
	Zn	**67**	**135.486**	ug/L	0.765	0	17	17774	1	KED
	As	**75**	**1.070**	ug/L	0.074	6	5	415	5	KED
	Se	**78**	**0.036**	ug/L	0.092	257	12	14	28	KED
	Y	**89**		ug/L			812004	826212	2	Standard
	Kr	**83**		ug/L			307	314	13	Standard
>	**In-1**	**115**		ug/L			30583	28565	2	KED
	Mo	**98**	**5.820**	ug/L	0.122	2	12	11361	0	KED
	Cd	**111**	**0.279**	ug/L	0.027	9	2	125	9	KED
	Cd	**114**	**0.286**	ug/L	0.003	0	1	329	2	KED
>	**In**	**115**		ug/L			1489880	1519567	2	Standard
	Ag	**107**	**0.020**	ug/L	0.001	4	86	520	5	Standard
	Sb	**121**	**2.065**	ug/L	0.079	3	418	50381	2	Standard
	Sb	**123**	**2.129**	ug/L	0.069	3	364	38959	1	Standard
	Ba	**135**	**22.284**	ug/L	0.474	2	53	199768	1	Standard
	Ba	**137**	**22.243**	ug/L	0.420	1	71	347306	0	Standard
>	**Tb**	**159**		ug/L			3005476	3023468	0	Standard
	Tl	**205**	**0.006**	ug/L	0.000	4	266	946	3	Standard
	Pb	**208**	**3.439**	ug/L	0.037	1	533	479321	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0193-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:43:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1189791	2	Standard
	Be	**9**	**0.011**	ug/L	0.002	17	10	92	15	Standard
	C	**13**		ug/L			24710	67213	1	Standard
	Cl	**37**		ug/L			7217379	7354221	1	Standard
>	**Sc**	**45**		ug/L			1464999	1470514	0	Standard
	Al	**27**	**308.978**	ug/L	5.042	1	5326	9271779	1	Standard
	V	**51**	**3.454**	ug/L	0.040	1	6586	129942	1	Standard
	V-1	**51**	**3.625**	ug/L	0.025	0	310	130340	1	Standard
	Cr	**52**	**1.597**	ug/L	0.024	1	19577	69014	1	Standard
	Cr	**53**	**2.177**	ug/L	0.044	2	205	7926	1	Standard
	Mn	**55**	**29.655**	ug/L	0.516	1	687	1431776	0	Standard
>	**Ge**	**72**		ug/L			104412	103341	0	KED
	Ni	**60**	**1.813**	ug/L	0.049	2	19	3352	2	KED
	Ni	**62**	**1.803**	ug/L	0.170	9	6	553	10	KED
	Cu	**63**	**32.561**	ug/L	0.196	0	97	174334	1	KED
	Cu	**65**	**32.771**	ug/L	0.252	0	48	86189	1	KED
	Zn	**66**	**93.660**	ug/L	0.557	0	109	75222	0	KED
	Zn	**67**	**87.960**	ug/L	0.814	0	17	11611	1	KED
	As	**75**	**2.194**	ug/L	0.018	0	5	852	1	KED
	Se	**78**	**0.146**	ug/L	0.093	63	12	19	21	KED
	Y	**89**		ug/L			812004	808433	1	Standard
	Kr	**83**		ug/L			307	316	12	Standard
>	**In-1**	**115**		ug/L			30583	28883	1	KED
	Mo	**98**	**0.825**	ug/L	0.036	4	12	1639	3	KED
	Cd	**111**	**0.068**	ug/L	0.013	18	2	32	16	KED
	Cd	**114**	**0.061**	ug/L	0.001	2	1	71	1	KED
>	**In**	**115**		ug/L			1489880	1503407	0	Standard
	Ag	**107**	**0.026**	ug/L	0.002	6	86	649	6	Standard
	Sb	**121**	**0.734**	ug/L	0.007	0	418	17996	1	Standard
	Sb	**123**	**0.762**	ug/L	0.010	1	364	14043	0	Standard
	Ba	**135**	**9.759**	ug/L	0.090	0	53	86602	0	Standard
	Ba	**137**	**9.790**	ug/L	0.053	0	71	151304	0	Standard
>	**Tb**	**159**		ug/L			3005476	2999146	1	Standard
	Tl	**205**	**0.005**	ug/L	0.000	6	266	834	3	Standard
	Pb	**208**	**2.790**	ug/L	0.029	1	533	385721	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:50:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1208218	3	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	34	10	6	15	Standard
	C	**13**		ug/L			24710	29428	0	Standard
	Cl	**37**		ug/L			7217379	7473434	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1441514	0	Standard
⌈	**Al**	**27**	**-0.005**	ug/L	0.005	102	5326	5106	3	Standard
⌈	**V**	**51**	**0.002**	ug/L	0.004	243	6586	6543	2	Standard
⌈	**V-1**	**51**	**0.070**	ug/L	0.001	1	310	2779	0	Standard
⌈	**Cr**	**52**	**0.001**	ug/L	0.002	177	19577	19296	0	Standard
⌈	**Cr**	**53**	**0.223**	ug/L	0.011	5	205	976	3	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.000	3	687	975	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	102435	1	KED
⌈	**Ni**	**60**	**0.004**	ug/L	0.001	30	19	26	7	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.000	13	6	7	0	KED
⌈	**Cu**	**63**	**-0.001**	ug/L	0.004	370	97	89	25	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.004	234	48	43	21	KED
⌈	**Zn**	**66**	**0.135**	ug/L	0.012	9	109	215	3	KED
⌈	**Zn**	**67**	**0.095**	ug/L	0.081	85	17	29	35	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.001	27	5	4	6	KED
⌊	**Se**	**78**	**-0.024**	ug/L	0.028	113	12	11	11	KED
	Y	**89**		ug/L			812004	790355	0	Standard
	Kr	**83**		ug/L			307	328	11	Standard
⌈>	**In-1**	**115**		ug/L			30583	29049	1	KED
⌈	**Mo**	**98**	**-0.003**	ug/L	0.002	62	12	5	66	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.001	484	2	2	24	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.004	63	1	9	55	KED
⌈>	**In**	**115**		ug/L			1489880	1475053	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	41	86	55	22	Standard
⌈	**Sb**	**121**	**-0.012**	ug/L	0.000	3	418	132	7	Standard
⌈	**Sb**	**123**	**-0.014**	ug/L	0.001	3	364	106	8	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.002	409	53	49	26	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	37	71	94	10	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2962585	0	Standard
⌈	**Tl**	**205**	**-0.002**	ug/L	0.000	3	266	105	5	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	31	533	667	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-BLK2
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, June 24, 2021 16:55:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1215570	1218401	1	Standard
[	**Be**	**9**	**0.000**	ug/L	0.001	228	10	13	42	Standard
	C	**13**		ug/L			24710	41940	1	Standard
	Cl	**37**		ug/L			7217379	7492295	0	Standard
[>	**Sc**	**45**		ug/L			1464999	1434491	0	Standard
[	**Al**	**27**	**1.282**	ug/L	0.017	1	5326	42720	1	Standard
[	**V**	**51**	**0.008**	ug/L	0.004	49	6586	6723	2	Standard
[	**V-1**	**51**	**0.066**	ug/L	0.002	2	310	2625	2	Standard
[	**Cr**	**52**	**0.110**	ug/L	0.008	7	19577	22498	0	Standard
[	**Cr**	**53**	**0.298**	ug/L	0.024	7	205	1231	5	Standard
[	**Mn**	**55**	**0.219**	ug/L	0.003	1	687	11007	1	Standard
[>	**Ge**	**72**		ug/L			104412	102443	0	KED
[	**Ni**	**60**	**0.049**	ug/L	0.021	42	19	108	35	KED
[	**Ni**	**62**	**0.038**	ug/L	0.026	66	6	18	41	KED
[	**Cu**	**63**	**0.069**	ug/L	0.008	11	97	459	8	KED
[	**Cu**	**65**	**0.071**	ug/L	0.004	6	48	233	4	KED
[	**Zn**	**66**	**0.779**	ug/L	0.025	3	109	727	2	KED
[	**Zn**	**67**	**0.712**	ug/L	0.038	5	17	109	3	KED
[	**As**	**75**	**-0.006**	ug/L	0.003	39	5	2	33	KED
[	**Se**	**78**	**0.005**	ug/L	0.065	1219	12	12	21	KED
	Y	**89**		ug/L			812004	781474	1	Standard
	Kr	**83**		ug/L			307	309	4	Standard
[>	**In-1**	**115**		ug/L			30583	28514	1	KED
[	**Mo**	**98**	**0.003**	ug/L	0.001	21	12	17	6	KED
[	**Cd**	**111**	**0.002**	ug/L	0.002	124	2	2	33	KED
[	**Cd**	**114**	**0.006**	ug/L	0.004	72	1	7	62	KED
[>	**In**	**115**		ug/L			1489880	1468928	1	Standard
[	**Ag**	**107**	**0.001**	ug/L	0.001	85	86	113	21	Standard
[	**Sb**	**121**	**-0.002**	ug/L	0.000	16	418	359	3	Standard
[	**Sb**	**123**	**-0.003**	ug/L	0.002	59	364	306	10	Standard
[	**Ba**	**135**	**0.024**	ug/L	0.003	12	53	257	8	Standard
[	**Ba**	**137**	**0.023**	ug/L	0.001	4	71	421	3	Standard
[>	**Tb**	**159**		ug/L			3005476	2924981	1	Standard
[	**Tl**	**205**	**-0.001**	ug/L	0.000	4	266	194	2	Standard
[	**Pb**	**208**	**0.023**	ug/L	0.001	5	533	3648	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:00:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1199376	0	Standard
⌊	**Be**	**9**	**48.362**	ug/L	0.515	1	10	377524	0	Standard
	C	**13**		ug/L			24710	26888	1	Standard
	Cl	**37**		ug/L			7217379	7760504	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1433548	1	Standard
⌈	**Al**	**27**	**4878.971**	ug/L	36.816	0	5326	142669710	2	Standard
⌊	**V**	**51**	**47.058**	ug/L	1.336	2	6586	1644056	1	Standard
⌈	**V-1**	**51**	**47.468**	ug/L	1.095	2	310	1659907	1	Standard
⌊	**Cr**	**52**	**47.595**	ug/L	1.497	3	19577	1453476	2	Standard
⌈	**Cr**	**53**	**48.910**	ug/L	0.838	1	205	169311	1	Standard
⌊	**Mn**	**55**	**49.281**	ug/L	0.869	1	687	2318972	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	102673	0	KED
⌈	**Ni**	**60**	**48.188**	ug/L	0.286	0	19	88030	0	KED
⌊	**Ni**	**62**	**47.958**	ug/L	0.402	0	6	14445	0	KED
⌈	**Cu**	**63**	**49.291**	ug/L	0.186	0	97	262143	0	KED
⌊	**Cu**	**65**	**49.558**	ug/L	0.164	0	48	129466	0	KED
⌈	**Zn**	**66**	**48.616**	ug/L	0.223	0	109	38845	0	KED
⌊	**Zn**	**67**	**48.035**	ug/L	0.663	1	17	6307	1	KED
⌈	**As**	**75**	**48.684**	ug/L	0.152	0	5	18674	0	KED
⌊	**Se**	**78**	**49.934**	ug/L	0.578	1	12	2170	0	KED
	Y	**89**		ug/L			812004	793777	0	Standard
	Kr	**83**		ug/L			307	304	8	Standard
⌈>	**In-1**	**115**		ug/L			30583	28183	0	KED
⌈	**Mo**	**98**	**49.121**	ug/L	0.531	1	12	94546	0	KED
⌊	**Cd**	**111**	**49.343**	ug/L	0.588	1	2	21608	0	KED
⌊	**Cd**	**114**	**49.608**	ug/L	0.489	0	1	56219	0	KED
⌈>	**In**	**115**		ug/L			1489880	1477326	2	Standard
⌈	**Ag**	**107**	**45.580**	ug/L	1.295	2	86	964451	0	Standard
⌊	**Sb**	**121**	**47.245**	ug/L	1.212	2	418	1111729	2	Standard
⌈	**Sb**	**123**	**48.314**	ug/L	0.790	1	364	851696	1	Standard
⌊	**Ba**	**135**	**47.061**	ug/L	1.455	3	53	409967	0	Standard
⌊	**Ba**	**137**	**46.813**	ug/L	1.352	2	71	710331	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2991377	1	Standard
⌈	**Tl**	**205**	**50.476**	ug/L	0.878	1	266	5306912	0	Standard
⌊	**Pb**	**208**	**48.898**	ug/L	0.723	1	533	6735047	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:07:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1220368	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	72	10	6	41	Standard
	C	**13**		ug/L			24710	25261	0	Standard
	Cl	**37**		ug/L			7217379	7494535	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1440127	2	Standard
⌈	**Al**	**27**	**0.019**	ug/L	0.002	9	5326	5808	3	Standard
⌈	**V**	**51**	**-0.005**	ug/L	0.003	59	6586	6314	1	Standard
⌈	**V-1**	**51**	**0.030**	ug/L	0.000	1	310	1343	1	Standard
⌈	**Cr**	**52**	**-0.014**	ug/L	0.011	75	19577	18802	0	Standard
⌈	**Cr**	**53**	**0.096**	ug/L	0.009	9	205	534	3	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	15	687	912	5	Standard
⌈>	**Ge**	**72**		ug/L			104412	100877	0	KED
⌈	**Ni**	**60**	**0.013**	ug/L	0.007	50	19	43	28	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.006	215	6	7	25	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.002	150	97	101	11	KED
⌈	**Cu**	**65**	**0.001**	ug/L	0.003	179	48	50	12	KED
⌈	**Zn**	**66**	**0.047**	ug/L	0.010	21	109	142	5	KED
⌈	**Zn**	**67**	**0.083**	ug/L	0.051	60	17	27	24	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.004	92	5	3	39	KED
⌊	**Se**	**78**	**0.071**	ug/L	0.104	146	12	15	27	KED
	Y	**89**		ug/L			812004	787041	0	Standard
	Kr	**83**		ug/L			307	313	8	Standard
⌈>	**In-1**	**115**		ug/L			30583	28357	1	KED
⌈	**Mo**	**98**	**0.005**	ug/L	0.004	75	12	20	32	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.004	944	2	1	86	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	71	1	3	53	KED
⌈>	**In**	**115**		ug/L			1489880	1481305	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	20	86	111	5	Standard
⌈	**Sb**	**121**	**0.045**	ug/L	0.002	3	418	1480	4	Standard
⌈	**Sb**	**123**	**0.042**	ug/L	0.004	10	364	1104	9	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	50	53	40	15	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	110	71	80	12	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2930778	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	55	266	307	8	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	3	533	694	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:14:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1194726	0	Standard
⌊	**Be**	**9**		ug/L				10	36	Standard
	C	**13**		ug/L				23506	1	Standard
	Cl	**37**		ug/L				7416730	0	Standard
⌈>	**Sc**	**45**		ug/L				1401241	0	Standard
⎢	**Al**	**27**		ug/L				3581	0	Standard
⎢	**V**	**51**		ug/L				6210	0	Standard
⎢	**V-1**	**51**		ug/L				1196	1	Standard
⎢	**Cr**	**52**		ug/L				18685	0	Standard
⎢	**Cr**	**53**		ug/L				507	4	Standard
⌊	**Mn**	**55**		ug/L				746	2	Standard
⌈>	**Ge**	**72**		ug/L				101529	0	KED
⎢	**Ni**	**60**		ug/L				17	52	KED
⎢	**Ni**	**62**		ug/L				12	24	KED
⎢	**Cu**	**63**		ug/L				76	21	KED
⎢	**Cu**	**65**		ug/L				49	17	KED
⎢	**Zn**	**66**		ug/L				83	11	KED
⎢	**Zn**	**67**		ug/L				12	36	KED
⎢	**As**	**75**		ug/L				3	65	KED
⌊	**Se**	**78**		ug/L				12	21	KED
	Y	**89**		ug/L				769736	0	Standard
	Kr	**83**		ug/L				333	8	Standard
⌈>	**In-1**	**115**		ug/L				28597	1	KED
⎢	**Mo**	**98**		ug/L				7	71	KED
⎢	**Cd**	**111**		ug/L				3	62	KED
⌊	**Cd**	**114**		ug/L				4	81	KED
⌈>	**In**	**115**		ug/L				1441543	1	Standard
⎢	**Ag**	**107**		ug/L				67	9	Standard
⎢	**Sb**	**121**		ug/L				516	12	Standard
⎢	**Sb**	**123**		ug/L				381	8	Standard
⎢	**Ba**	**135**		ug/L				36	5	Standard
⌊	**Ba**	**137**		ug/L				62	18	Standard
⌈>	**Tb**	**159**		ug/L				2863138	0	Standard
⎢	**Tl**	**205**		ug/L				138	2	Standard
⌊	**Pb**	**208**		ug/L				429	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:18:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1192972	1	Standard
⌊	**Be**	**9**	**49.168**	ug/L	1.221	2	10	381695	1	Standard
	C	**13**		ug/L			23506	26774	1	Standard
	Cl	**37**		ug/L			7416730	7725247	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1408319	2	Standard
⌈	**Al**	**27**	**4979.032**	ug/L	108.399	2	3581	142974084	1	Standard
⌊	**V**	**51**	**48.270**	ug/L	1.387	2	6210	1656278	2	Standard
⌈	**V-1**	**51**	**48.513**	ug/L	1.514	3	1196	1667225	2	Standard
⌊	**Cr**	**52**	**48.958**	ug/L	1.285	2	18685	1467894	1	Standard
⌈	**Cr**	**53**	**49.732**	ug/L	1.681	3	507	169372	1	Standard
⌊	**Mn**	**55**	**50.297**	ug/L	1.369	2	746	2324841	2	Standard
⌈>	**Ge**	**72**		ug/L			101529	102063	1	KED
⌈	**Ni**	**60**	**48.726**	ug/L	0.609	1	17	88480	1	KED
⌊	**Ni**	**62**	**48.854**	ug/L	0.799	1	12	14631	0	KED
⌈	**Cu**	**63**	**49.403**	ug/L	0.593	1	76	261139	0	KED
⌊	**Cu**	**65**	**49.599**	ug/L	0.292	0	49	128812	1	KED
⌈	**Zn**	**66**	**48.666**	ug/L	0.166	0	83	38629	0	KED
⌊	**Zn**	**67**	**49.627**	ug/L	1.611	3	12	6471	2	KED
⌈	**As**	**75**	**49.187**	ug/L	0.167	0	3	18754	1	KED
⌊	**Se**	**78**	**49.017**	ug/L	0.201	0	12	2118	0	KED
	Y	**89**		ug/L			769736	788348	1	Standard
	Kr	**83**		ug/L			333	443	22	Standard
⌈>	**In-1**	**115**		ug/L			28597	28455	1	KED
⌈	**Mo**	**98**	**48.496**	ug/L	0.718	1	7	94243	1	KED
⌊	**Cd**	**111**	**48.994**	ug/L	0.572	1	3	21664	1	KED
⌊	**Cd**	**114**	**48.913**	ug/L	0.553	1	4	55968	0	KED
⌈>	**In**	**115**		ug/L			1441543	1466260	3	Standard
⌈	**Ag**	**107**	**46.455**	ug/L	1.649	3	67	975336	0	Standard
⌊	**Sb**	**121**	**47.277**	ug/L	1.007	2	516	1104026	1	Standard
⌈	**Sb**	**123**	**48.639**	ug/L	1.897	3	381	850539	0	Standard
⌈	**Ba**	**135**	**47.784**	ug/L	0.562	1	36	413268	2	Standard
⌊	**Ba**	**137**	**47.737**	ug/L	0.837	1	62	719032	1	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2995697	0	Standard
⌈	**Tl**	**205**	**50.503**	ug/L	0.672	1	138	5317671	0	Standard
⌊	**Pb**	**208**	**48.954**	ug/L	0.445	0	429	6753046	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:26:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1207783	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.001	3765	10	10	40	Standard
	C	**13**		ug/L			23506	23350	3	Standard
	Cl	**37**		ug/L			7416730	7495914	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1411398	0	Standard
⌈	**Al**	**27**	**0.010**	ug/L	0.001	10	3581	3901	0	Standard
⌈	**V**	**51**	**-0.000**	ug/L	0.004	7691	6210	6253	2	Standard
⌈	**V-1**	**51**	**-0.009**	ug/L	0.000	4	1196	909	1	Standard
⌈	**Cr**	**52**	**-0.011**	ug/L	0.011	99	18685	18502	1	Standard
⌈	**Cr**	**53**	**-0.038**	ug/L	0.005	12	507	381	4	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	4886	746	751	4	Standard
⌈>	**Ge**	**72**		ug/L			101529	101818	1	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.003	126	17	21	22	KED
⌈	**Ni**	**62**	**-0.017**	ug/L	0.007	41	12	6	31	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.001	38	76	90	5	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.005	308	49	53	24	KED
⌈	**Zn**	**66**	**-0.007**	ug/L	0.007	94	83	77	6	KED
⌈	**Zn**	**67**	**-0.020**	ug/L	0.025	128	12	9	34	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.003	652	3	3	34	KED
⌊	**Se**	**78**	**-0.012**	ug/L	0.108	880	12	12	39	KED
	Y	**89**		ug/L			769736	779002	0	Standard
	Kr	**83**		ug/L			333	335	4	Standard
⌈>	**In-1**	**115**		ug/L			28597	28222	2	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.003	128	7	11	50	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.003	2427	3	3	41	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	52	4	2	51	KED
⌈>	**In**	**115**		ug/L			1441543	1435615	1	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	33	67	90	9	Standard
⌈	**Sb**	**121**	**0.048**	ug/L	0.001	1	516	1610	0	Standard
⌈	**Sb**	**123**	**0.051**	ug/L	0.001	2	381	1257	3	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	1031	36	36	10	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.000	31	62	41	16	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2891892	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	15	138	313	8	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	38	429	475	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:33:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1194726	1210796	1	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	37	10	8	13	Standard
	C	**13**		ug/L			23506	41818	0	Standard
	Cl	**37**		ug/L			7416730	7451444	0	Standard
[>	**Sc**	**45**		ug/L			1401241	1423590	1	Standard
[	**Al**	**27**	**1.181**	ug/L	0.015	1	3581	37935	2	Standard
[	**V**	**51**	**0.015**	ug/L	0.003	18	6210	6842	0	Standard
[	**V-1**	**51**	**-0.001**	ug/L	0.001	154	1196	1186	2	Standard
[	**Cr**	**52**	**0.130**	ug/L	0.009	7	18685	22859	0	Standard
[	**Cr**	**53**	**0.075**	ug/L	0.004	5	507	774	1	Standard
[	**Mn**	**55**	**0.210**	ug/L	0.006	2	746	10579	1	Standard
[>	**Ge**	**72**		ug/L			101529	100458	1	KED
[	**Ni**	**60**	**0.022**	ug/L	0.010	46	17	56	32	KED
[	**Ni**	**62**	**-0.002**	ug/L	0.006	364	12	11	16	KED
[	**Cu**	**63**	**0.025**	ug/L	0.004	17	76	203	10	KED
[	**Cu**	**65**	**0.013**	ug/L	0.004	28	49	83	10	KED
[	**Zn**	**66**	**0.224**	ug/L	0.011	4	83	257	3	KED
[	**Zn**	**67**	**0.239**	ug/L	0.037	15	12	42	11	KED
[	**As**	**75**	**0.001**	ug/L	0.002	149	3	3	21	KED
[	**Se**	**78**	**-0.003**	ug/L	0.046	1506	12	12	14	KED
	Y	**89**		ug/L			769736	789964	0	Standard
	Kr	**83**		ug/L			333	301	6	Standard
[>	**In-1**	**115**		ug/L			28597	28569	0	KED
[	**Mo**	**98**	**0.005**	ug/L	0.002	39	7	16	22	KED
[	**Cd**	**111**	**-0.001**	ug/L	0.004	637	3	3	62	KED
[	**Cd**	**114**	**-0.002**	ug/L	0.003	167	4	2	107	KED
[>	**In**	**115**		ug/L			1441543	1470261	0	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.000	27	67	106	10	Standard
[	**Sb**	**121**	**0.011**	ug/L	0.004	33	516	780	10	Standard
[	**Sb**	**123**	**0.015**	ug/L	0.002	16	381	648	5	Standard
[	**Ba**	**135**	**0.005**	ug/L	0.001	10	36	83	6	Standard
[	**Ba**	**137**	**0.004**	ug/L	0.001	23	62	120	11	Standard
[>	**Tb**	**159**		ug/L			2863138	2941458	1	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	32	138	186	8	Standard
[	**Pb**	**208**	**0.002**	ug/L	0.001	27	429	686	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0314-03
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:40:20

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1422794	1	Standard
	Be	**9**	**0.008**	ug/L	0.002	20	10	86	16	Standard
	C	**13**		ug/L			23506	65837	1	Standard
	Cl	**37**		ug/L			7416730	31041621	1	Standard
>	**Sc**	**45**		ug/L			1401241	1761852	1	Standard
	Al	**27**	**2.004**	ug/L	0.039	1	3581	76491	0	Standard
	V	**51**	**0.756**	ug/L	0.046	6	6210	40133	3	Standard
	V-1	**51**	**5.131**	ug/L	0.023	0	1196	222018	1	Standard
	Cr	**52**	**0.483**	ug/L	0.007	1	18685	41388	1	Standard
	Cr	**53**	**14.636**	ug/L	0.065	0	507	62842	2	Standard
	Mn	**55**	**354.455**	ug/L	1.909	0	746	20496189	1	Standard
>	**Ge**	**72**		ug/L			101529	98412	0	KED
	Ni	**60**	**8.249**	ug/L	0.094	1	17	14457	0	KED
	Ni	**62**	**7.918**	ug/L	0.105	1	12	2296	1	KED
	Cu	**63**	**0.679**	ug/L	0.028	4	76	3531	4	KED
	Cu	**65**	**0.697**	ug/L	0.026	3	49	1793	3	KED
	Zn	**66**	**1.133**	ug/L	0.086	7	83	946	6	KED
	Zn	**67**	**3.989**	ug/L	0.087	2	12	512	2	KED
	As	**75**	**0.338**	ug/L	0.018	5	3	127	5	KED
	Se	**78**	**0.210**	ug/L	0.116	55	12	20	22	KED
	Y	**89**		ug/L			769736	838854	2	Standard
	Kr	**83**		ug/L			333	367	3	Standard
>	**In-1**	**115**		ug/L			28597	27741	1	KED
	Mo	**98**	**0.458**	ug/L	0.022	4	7	874	3	KED
	Cd	**111**	**0.092**	ug/L	0.025	27	3	43	25	KED
	Cd	**114**	**0.106**	ug/L	0.023	21	4	122	19	KED
>	**In**	**115**		ug/L			1441543	1211873	0	Standard
	Ag	**107**	**0.003**	ug/L	0.001	21	67	111	11	Standard
	Sb	**121**	**0.017**	ug/L	0.002	13	516	754	5	Standard
	Sb	**123**	**0.018**	ug/L	0.002	9	381	585	4	Standard
	Ba	**135**	**57.148**	ug/L	0.699	1	36	408589	0	Standard
	Ba	**137**	**59.013**	ug/L	0.915	1	62	734911	1	Standard
>	**Tb**	**159**		ug/L			2863138	3166767	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	6	138	389	3	Standard
	Pb	**208**	**0.025**	ug/L	0.001	2	429	4127	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:45:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1304770	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.001	263	10	10	43	Standard
	C	**13**		ug/L			23506	31121	2	Standard
	Cl	**37**		ug/L			7416730	8006976	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1473250	0	Standard
⌈	**Al**	**27**	**0.053**	ug/L	0.002	3	3581	5360	1	Standard
⌈	**V**	**51**	**0.030**	ug/L	0.008	27	6210	7589	3	Standard
⌈	**V-1**	**51**	**0.228**	ug/L	0.008	3	1196	9434	2	Standard
⌈	**Cr**	**52**	**0.109**	ug/L	0.004	4	18685	23021	0	Standard
⌈	**Cr**	**53**	**0.748**	ug/L	0.010	1	507	3191	1	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	18	746	1108	6	Standard
⌈>	**Ge**	**72**		ug/L			101529	105168	1	KED
⌈	**Ni**	**60**	**0.007**	ug/L	0.003	37	17	31	17	KED
⌈	**Ni**	**62**	**-0.016**	ug/L	0.010	64	12	7	43	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.003	1422	76	80	21	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.003	228	49	47	20	KED
⌈	**Zn**	**66**	**0.175**	ug/L	0.032	18	83	228	11	KED
⌈	**Zn**	**67**	**0.196**	ug/L	0.070	35	12	38	22	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	351	3	3	33	KED
⌊	**Se**	**78**	**0.037**	ug/L	0.037	98	12	14	12	KED
	Y	**89**		ug/L			769736	804800	1	Standard
	Kr	**83**		ug/L			333	318	4	Standard
⌈>	**In-1**	**115**		ug/L			28597	29029	1	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.001	8327	7	7	27	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.001	89	3	4	13	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.003	150	4	7	49	KED
⌈>	**In**	**115**		ug/L			1441543	1400890	2	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	45	67	52	11	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.000	2	516	222	2	Standard
⌈	**Sb**	**123**	**-0.011**	ug/L	0.000	3	381	179	5	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	73	36	41	9	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	50	62	91	19	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2940206	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	72	138	181	15	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.002	71	429	862	34	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0185-03RE1
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:55:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1379503	1	Standard
	Be	**9**	**0.002**	ug/L	0.001	51	10	26	27	Standard
	C	**13**		ug/L			23506	45656	1	Standard
	Cl	**37**		ug/L			7416730	19710812	2	Standard
>	**Sc**	**45**		ug/L			1401241	1735599	1	Standard
	Al	**27**	**21.900**	ug/L	0.528	2	3581	779570	1	Standard
	V	**51**	**1.759**	ug/L	0.048	2	6210	81834	3	Standard
	V-1	**51**	**5.502**	ug/L	0.112	2	1196	234433	2	Standard
	Cr	**52**	**0.343**	ug/L	0.005	1	18685	35647	1	Standard
	Cr	**53**	**12.468**	ug/L	0.232	1	507	52828	2	Standard
	Mn	**55**	**9.284**	ug/L	0.085	0	746	529751	1	Standard
>	**Ge**	**72**		ug/L			101529	91545	1	KED
	Ni	**60**	**3.219**	ug/L	0.029	0	17	5258	1	KED
	Ni	**62**	**3.100**	ug/L	0.100	3	12	843	3	KED
	Cu	**63**	**0.198**	ug/L	0.004	1	76	1005	0	KED
	Cu	**65**	**0.225**	ug/L	0.002	0	49	567	1	KED
	Zn	**66**	**0.636**	ug/L	0.047	7	83	526	5	KED
	Zn	**67**	**4.151**	ug/L	0.430	10	12	495	9	KED
	As	**75**	**0.714**	ug/L	0.033	4	3	246	5	KED
	Se	**78**	**15.355**	ug/L	0.102	0	12	603	1	KED
	Y	**89**		ug/L			769736	796155	1	Standard
	Kr	**83**		ug/L			333	336	6	Standard
>	**In-1**	**115**		ug/L			28597	26445	1	KED
	Mo	**98**	**1.698**	ug/L	0.027	1	7	3073	0	KED
	Cd	**111**	**0.044**	ug/L	0.015	34	3	21	29	KED
	Cd	**114**	**0.040**	ug/L	0.002	6	4	46	6	KED
>	**In**	**115**		ug/L			1441543	1299002	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	74	67	75	15	Standard
	Sb	**121**	**0.014**	ug/L	0.001	9	516	753	4	Standard
	Sb	**123**	**0.014**	ug/L	0.001	9	381	568	4	Standard
	Ba	**135**	**67.926**	ug/L	0.660	0	36	520559	0	Standard
	Ba	**137**	**68.058**	ug/L	0.354	0	62	908506	1	Standard
>	**Tb**	**159**		ug/L			2863138	3036930	1	Standard
	Tl	**205**	**0.003**	ug/L	0.000	13	138	425	7	Standard
	Pb	**208**	**0.073**	ug/L	0.001	1	429	10654	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0131-01RE1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:01:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1226950	1	Standard
	Be	**9**	**0.014**	ug/L	0.001	9	10	122	7	Standard
	C	**13**		ug/L			23506	67726	2	Standard
	Cl	**37**		ug/L			7416730	7283069	0	Standard
>	**Sc**	**45**		ug/L			1401241	1494784	0	Standard
	Al	**27**	**851.591**	ug/L	10.625	1	3581	25967062	1	Standard
	V	**51**	**0.161**	ug/L	0.002	1	6210	12466	0	Standard
	V-1	**51**	**0.617**	ug/L	0.016	2	1196	23779	2	Standard
	Cr	**52**	**0.465**	ug/L	0.001	0	18685	34561	0	Standard
	Cr	**53**	**1.936**	ug/L	0.058	2	507	7523	2	Standard
	Mn	**55**	**2.171**	ug/L	0.018	0	746	107289	0	Standard
>	**Ge**	**72**		ug/L			101529	100662	1	KED
	Ni	**60**	**0.353**	ug/L	0.021	5	17	649	6	KED
	Ni	**62**	**0.390**	ug/L	0.008	2	12	126	1	KED
	Cu	**63**	**3.349**	ug/L	0.054	1	76	17532	2	KED
	Cu	**65**	**3.380**	ug/L	0.057	1	49	8700	0	KED
	Zn	**66**	**3.399**	ug/L	0.050	1	83	2737	0	KED
	Zn	**67**	**8.857**	ug/L	0.543	6	12	1148	4	KED
	As	**75**	**0.149**	ug/L	0.006	3	3	59	2	KED
	Se	**78**	**0.056**	ug/L	0.046	82	12	14	13	KED
	Y	**89**		ug/L			769736	781586	1	Standard
	Kr	**83**		ug/L			333	319	2	Standard
>	**In-1**	**115**		ug/L			28597	28374	0	KED
	Mo	**98**	**0.139**	ug/L	0.008	5	7	276	4	KED
	Cd	**111**	**0.108**	ug/L	0.017	15	3	51	14	KED
	Cd	**114**	**0.000**	ug/L	0.005	1466	4	5	102	KED
>	**In**	**115**		ug/L			1441543	1409125	2	Standard
	Ag	**107**	**4.412**	ug/L	0.158	3	67	89140	3	Standard
	Sb	**121**	**0.369**	ug/L	0.015	4	516	8774	1	Standard
	Sb	**123**	**0.399**	ug/L	0.004	1	381	7082	1	Standard
	Ba	**135**	**74.281**	ug/L	1.022	1	36	617537	2	Standard
	Ba	**137**	**74.700**	ug/L	1.221	1	62	1081514	1	Standard
>	**Tb**	**159**		ug/L			2863138	3016778	0	Standard
	Tl	**205**	**0.001**	ug/L	0.000	16	138	289	7	Standard
	Pb	**208**	**0.663**	ug/L	0.015	2	429	92556	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0314-03
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:09:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1342697	0	Standard
⌊	**Be**	**9**	**0.003**	ug/L	0.001	29	10	38	19	Standard
	C	**13**		ug/L			23506	41305	2	Standard
	Cl	**37**		ug/L			7416730	17445687	1	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1574683	1	Standard
⌈	**Al**	**27**	**0.880**	ug/L	0.004	0	3581	32294	1	Standard
⌈	**V**	**51**	**0.304**	ug/L	0.035	11	6210	18603	6	Standard
⌈	**V-1**	**51**	**2.492**	ug/L	0.030	1	1196	97076	2	Standard
⌈	**Cr**	**52**	**0.255**	ug/L	0.015	5	18685	29434	2	Standard
⌈	**Cr**	**53**	**7.331**	ug/L	0.046	0	507	28421	2	Standard
⌊	**Mn**	**55**	**165.445**	ug/L	1.647	0	746	8550900	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	98797	3	KED
⌈	**Ni**	**60**	**3.387**	ug/L	0.100	2	17	5973	5	KED
⌈	**Ni**	**62**	**3.537**	ug/L	0.358	10	12	1035	9	KED
⌈	**Cu**	**63**	**0.287**	ug/L	0.008	2	76	1544	4	KED
⌈	**Cu**	**65**	**0.289**	ug/L	0.007	2	49	774	5	KED
⌈	**Zn**	**66**	**0.525**	ug/L	0.033	6	83	483	7	KED
⌈	**Zn**	**67**	**1.756**	ug/L	0.277	15	12	233	17	KED
⌈	**As**	**75**	**0.145**	ug/L	0.008	5	3	56	7	KED
⌊	**Se**	**78**	**0.020**	ug/L	0.066	329	12	13	19	KED
	Y	**89**		ug/L			769736	805069	3	Standard
	Kr	**83**		ug/L			333	342	9	Standard
⌈>	**In-1**	**115**		ug/L			28597	28220	1	KED
⌈	**Mo**	**98**	**0.176**	ug/L	0.010	5	7	347	4	KED
⌈	**Cd**	**111**	**0.042**	ug/L	0.003	7	3	21	7	KED
⌊	**Cd**	**114**	**0.039**	ug/L	0.008	21	4	49	20	KED
⌈>	**In**	**115**		ug/L			1441543	1311279	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	53	67	84	12	Standard
⌈	**Sb**	**121**	**-0.006**	ug/L	0.001	15	516	353	5	Standard
⌈	**Sb**	**123**	**-0.005**	ug/L	0.001	14	381	264	2	Standard
⌈	**Ba**	**135**	**21.717**	ug/L	0.066	0	36	168038	2	Standard
⌊	**Ba**	**137**	**21.841**	ug/L	0.227	1	62	294305	1	Standard
⌈>	**Tb**	**159**		ug/L			2863138	3004231	2	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	41	138	213	13	Standard
⌊	**Pb**	**208**	**0.011**	ug/L	0.001	5	429	1916	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-DUP6
Sample Dil Factor: 5x DIL.
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:15:17
MB 6/25/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1360597	0	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	66	10	27	37	Standard
	C	**13**		ug/L			23506	42625	1	Standard
	Cl	**37**		ug/L			7416730	17526382	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1617513	1	Standard
|	**Al**	**27**	**1.644**	ug/L	0.012	0	3581	58379	1	Standard
|	**V**	**51**	**0.325**	ug/L	0.015	4	6210	19942	3	Standard
|	**V-1**	**51**	**2.590**	ug/L	0.021	0	1196	103554	1	Standard
|	**Cr**	**52**	**0.286**	ug/L	0.013	4	18685	31283	1	Standard
|	**Cr**	**53**	**7.609**	ug/L	0.104	1	507	30273	1	Standard
⌊	**Mn**	**55**	**163.403**	ug/L	2.135	1	746	8675167	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	103109	1	KED
|	**Ni**	**60**	**3.328**	ug/L	0.105	3	17	6123	4	KED
|	**Ni**	**62**	**3.290**	ug/L	0.248	7	12	1006	6	KED
|	**Cu**	**63**	**0.307**	ug/L	0.004	1	76	1714	1	KED
|	**Cu**	**65**	**0.319**	ug/L	0.006	1	49	888	3	KED
|	**Zn**	**66**	**0.789**	ug/L	0.025	3	83	715	2	KED
|	**Zn**	**67**	**2.090**	ug/L	0.093	4	12	286	3	KED
|	**As**	**75**	**0.152**	ug/L	0.018	12	3	61	10	KED
⌊	**Se**	**78**	**0.050**	ug/L	0.069	137	12	15	20	KED
	Y	**89**		ug/L			769736	819875	1	Standard
	Kr	**83**		ug/L			333	358	10	Standard
⌈>	**In-1**	**115**		ug/L			28597	28440	0	KED
|	**Mo**	**98**	**0.174**	ug/L	0.019	10	7	344	10	KED
|	**Cd**	**111**	**0.040**	ug/L	0.003	6	3	21	5	KED
⌊	**Cd**	**114**	**0.045**	ug/L	0.002	3	4	56	3	KED
⌈>	**In**	**115**		ug/L			1441543	1319208	2	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	26	67	78	7	Standard
|	**Sb**	**121**	**-0.003**	ug/L	0.000	10	516	406	3	Standard
|	**Sb**	**123**	**-0.003**	ug/L	0.001	47	381	308	7	Standard
|	**Ba**	**135**	**21.496**	ug/L	0.369	1	36	167291	0	Standard
⌊	**Ba**	**137**	**21.800**	ug/L	0.475	2	62	295480	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	3065610	0	Standard
|	**Tl**	**205**	**0.001**	ug/L	0.000	17	138	204	5	Standard
⌊	**Pb**	**208**	**0.031**	ug/L	0.001	2	429	4865	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-MS6
Sample Dil Factor: 5x DIL.
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:19:50 MB 6/25/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1194726	1338834	2	Standard
[	**Be**	**9**	**5.101**	ug/L	0.086	1	10	44453	1	Standard
	C	**13**		ug/L			23506	44099	1	Standard
	Cl	**37**		ug/L			7416730	17427011	0	Standard
[>	**Sc**	**45**		ug/L			1401241	1597426	2	Standard
[	**Al**	**27**	**1041.500**	ug/L	3.456	0	3581	33937072	2	Standard
[	**V**	**51**	**5.089**	ug/L	0.108	2	6210	204441	3	Standard
[	**V-1**	**51**	**8.086**	ug/L	0.093	1	1196	316430	2	Standard
[	**Cr**	**52**	**5.028**	ug/L	0.066	1	18685	190168	2	Standard
[	**Cr**	**53**	**14.723**	ug/L	0.149	1	507	57302	1	Standard
[	**Mn**	**55**	**171.460**	ug/L	3.306	1	746	8987748	1	Standard
[>	**Ge**	**72**		ug/L			101529	104067	0	KED
[	**Ni**	**60**	**8.593**	ug/L	0.027	0	17	15926	0	KED
[	**Ni**	**62**	**8.549**	ug/L	0.291	3	12	2621	3	KED
[	**Cu**	**63**	**5.297**	ug/L	0.055	1	76	28621	1	KED
[	**Cu**	**65**	**5.355**	ug/L	0.052	0	49	14224	1	KED
[	**Zn**	**66**	**15.741**	ug/L	0.284	1	83	12797	1	KED
[	**Zn**	**67**	**16.185**	ug/L	0.382	2	12	2160	2	KED
[	**As**	**75**	**5.393**	ug/L	0.016	0	3	2099	0	KED
[	**Se**	**78**	**16.890**	ug/L	0.183	1	12	752	1	KED
	Y	**89**		ug/L			769736	820847	2	Standard
	Kr	**83**		ug/L			333	332	9	Standard
[>	**In-1**	**115**		ug/L			28597	27980	1	KED
[	**Mo**	**98**	**5.428**	ug/L	0.011	0	7	10379	1	KED
[	**Cd**	**111**	**5.150**	ug/L	0.133	2	3	2241	1	KED
[	**Cd**	**114**	**5.113**	ug/L	0.102	2	4	5756	2	KED
[>	**In**	**115**		ug/L			1441543	1288962	3	Standard
[	**Ag**	**107**	**4.945**	ug/L	0.126	2	67	91395	3	Standard
[	**Sb**	**121**	**4.758**	ug/L	0.068	1	516	98104	1	Standard
[	**Sb**	**123**	**4.992**	ug/L	0.104	2	381	77108	3	Standard
[	**Ba**	**135**	**28.212**	ug/L	0.399	1	36	214493	2	Standard
[	**Ba**	**137**	**28.353**	ug/L	0.151	0	62	375599	3	Standard
[>	**Tb**	**159**		ug/L			2863138	3131240	1	Standard
[	**Tl**	**205**	**4.586**	ug/L	0.048	1	138	504905	2	Standard
[	**Pb**	**208**	**4.485**	ug/L	0.088	1	429	647229	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-MSD6
Sample Dil Factor: 5x DIL.
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:24:47

MB 6/25/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1369523	2	Standard
	Be	**9**	**5.148**	ug/L	0.081	1	10	45893	2	Standard
	C	**13**		ug/L			23506	44129	1	Standard
	Cl	**37**		ug/L			7416730	17502377	2	Standard
>	**Sc**	**45**		ug/L			1401241	1598960	0	Standard
	Al	**27**	**1045.965**	ug/L	15.872	1	3581	34114169	1	Standard
	V	**51**	**5.270**	ug/L	0.176	3	6210	211676	2	Standard
	V-1	**51**	**8.165**	ug/L	0.179	2	1196	319818	1	Standard
	Cr	**52**	**5.233**	ug/L	0.038	0	18685	197236	0	Standard
	Cr	**53**	**14.595**	ug/L	0.071	0	507	56871	0	Standard
	Mn	**55**	**175.575**	ug/L	2.748	1	746	9215266	2	Standard
>	**Ge**	**72**		ug/L			101529	103123	0	KED
	Ni	**60**	**8.832**	ug/L	0.058	0	17	16219	0	KED
	Ni	**62**	**8.823**	ug/L	0.403	4	12	2680	4	KED
	Cu	**63**	**5.570**	ug/L	0.059	1	76	29816	0	KED
	Cu	**65**	**5.592**	ug/L	0.045	0	49	14718	0	KED
	Zn	**66**	**16.659**	ug/L	0.189	1	83	13416	1	KED
	Zn	**67**	**16.870**	ug/L	0.104	0	12	2231	0	KED
	As	**75**	**5.569**	ug/L	0.069	1	3	2148	1	KED
	Se	**78**	**17.565**	ug/L	0.016	0	12	775	0	KED
	Y	**89**		ug/L			769736	826921	0	Standard
	Kr	**83**		ug/L			333	361	12	Standard
>	**In-1**	**115**		ug/L			28597	28333	0	KED
	Mo	**98**	**5.446**	ug/L	0.104	1	7	10545	2	KED
	Cd	**111**	**5.307**	ug/L	0.049	0	3	2339	1	KED
	Cd	**114**	**5.138**	ug/L	0.021	0	4	5858	0	KED
>	**In**	**115**		ug/L			1441543	1282302	0	Standard
	Ag	**107**	**5.178**	ug/L	0.090	1	67	95199	1	Standard
	Sb	**121**	**4.787**	ug/L	0.092	1	516	98228	2	Standard
	Sb	**123**	**4.939**	ug/L	0.073	1	381	75900	2	Standard
	Ba	**135**	**28.635**	ug/L	0.351	1	36	216639	1	Standard
	Ba	**137**	**28.949**	ug/L	0.559	1	62	381486	1	Standard
>	**Tb**	**159**		ug/L			2863138	3112011	1	Standard
	Tl	**205**	**4.728**	ug/L	0.103	2	138	517288	2	Standard
	Pb	**208**	**4.621**	ug/L	0.039	0	429	662579	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:33:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1262620	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	58	10	6	45	Standard
	C	**13**		ug/L			23506	29436	0	Standard
	Cl	**37**		ug/L			7416730	7842220	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1432249	1	Standard
⌈	**Al**	**27**	**0.065**	ug/L	0.005	8	3581	5556	1	Standard
⌈	**V**	**51**	**0.024**	ug/L	0.005	21	6210	7181	1	Standard
⌈	**V-1**	**51**	**0.171**	ug/L	0.005	2	1196	7198	2	Standard
⌈	**Cr**	**52**	**0.105**	ug/L	0.013	12	18685	22257	1	Standard
⌈	**Cr**	**53**	**0.579**	ug/L	0.016	2	507	2520	2	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	14	746	983	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	103624	1	KED
⌈	**Ni**	**60**	**-0.001**	ug/L	0.004	680	17	17	40	KED
⌈	**Ni**	**62**	**-0.003**	ug/L	0.031	940	12	11	83	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.004	171	76	89	23	KED
⌈	**Cu**	**65**	**-0.004**	ug/L	0.003	84	49	40	18	KED
⌈	**Zn**	**66**	**0.169**	ug/L	0.005	3	83	220	1	KED
⌈	**Zn**	**67**	**0.209**	ug/L	0.054	25	12	40	19	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	310	3	3	33	KED
⌊	**Se**	**78**	**0.011**	ug/L	0.020	181	12	13	6	KED
	Y	**89**		ug/L			769736	783856	0	Standard
	Kr	**83**		ug/L			333	321	2	Standard
⌈>	**In-1**	**115**		ug/L			28597	28834	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	142	7	4	112	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.003	431	3	3	45	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	51	4	2	34	KED
⌈>	**In**	**115**		ug/L			1441543	1383641	1	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	70	67	53	15	Standard
⌈	**Sb**	**121**	**-0.018**	ug/L	0.001	3	516	105	12	Standard
⌈	**Sb**	**123**	**-0.017**	ug/L	0.001	3	381	83	14	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	71	36	41	9	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.001	35	62	102	13	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2884175	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	30	138	231	12	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	25	429	638	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:39:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1202472	2	Standard
⌊	**Be**	**9**	**48.663**	ug/L	0.915	1	10	380770	0	Standard
	C	**13**		ug/L			23506	27717	0	Standard
	Cl	**37**		ug/L			7416730	7738409	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1440856	1	Standard
⌈	**Al**	**27**	**4964.371**	ug/L	113.173	2	3581	145913563	3	Standard
⌊	**V**	**51**	**47.255**	ug/L	0.398	0	6210	1659458	0	Standard
⌈	**V-1**	**51**	**47.742**	ug/L	0.475	0	1196	1679148	0	Standard
⌊	**Cr**	**52**	**48.207**	ug/L	0.805	1	18685	1479471	1	Standard
⌈	**Cr**	**53**	**49.769**	ug/L	0.794	1	507	173477	0	Standard
⌊	**Mn**	**55**	**49.329**	ug/L	0.958	1	746	2333180	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	103051	0	KED
⌈	**Ni**	**60**	**49.530**	ug/L	1.318	2	17	90805	2	KED
⌊	**Ni**	**62**	**49.654**	ug/L	0.157	0	12	15016	1	KED
⌈	**Cu**	**63**	**49.473**	ug/L	0.606	1	76	264039	0	KED
⌊	**Cu**	**65**	**49.650**	ug/L	0.493	0	49	130181	0	KED
⌈	**Zn**	**66**	**48.980**	ug/L	0.811	1	83	39255	1	KED
⌊	**Zn**	**67**	**50.307**	ug/L	0.528	1	12	6624	0	KED
⌈	**As**	**75**	**49.760**	ug/L	0.145	0	3	19155	0	KED
⌊	**Se**	**78**	**49.295**	ug/L	1.005	2	12	2150	2	KED
	Y	**89**		ug/L			769736	779355	0	Standard
	Kr	**83**		ug/L			333	316	6	Standard
⌈>	**In-1**	**115**		ug/L			28597	28471	0	KED
⌈	**Mo**	**98**	**49.359**	ug/L	0.848	1	7	95972	1	KED
⌊	**Cd**	**111**	**49.577**	ug/L	0.221	0	3	21935	0	KED
⌊	**Cd**	**114**	**49.755**	ug/L	0.478	0	4	56968	1	KED
⌈>	**In**	**115**		ug/L			1441543	1353507	0	Standard
⌈	**Ag**	**107**	**49.490**	ug/L	0.447	0	67	959939	1	Standard
⌈	**Sb**	**121**	**48.941**	ug/L	0.726	1	516	1055399	1	Standard
⌊	**Sb**	**123**	**50.782**	ug/L	0.816	1	381	820450	2	Standard
⌈	**Ba**	**135**	**51.204**	ug/L	0.798	1	36	408923	2	Standard
⌊	**Ba**	**137**	**51.019**	ug/L	0.102	0	62	709637	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2981477	1	Standard
⌈	**Tl**	**205**	**49.825**	ug/L	1.225	2	138	5220808	1	Standard
⌊	**Pb**	**208**	**48.274**	ug/L	0.798	1	429	6626896	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:46:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1232376	2	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	27	10	6	15	Standard
	C	**13**		ug/L			23506	24684	1	Standard
	Cl	**37**		ug/L			7416730	7420759	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1424119	0	Standard
⌈	**Al**	**27**	**0.013**	ug/L	0.001	6	3581	4030	1	Standard
⌈	**V**	**51**	**0.006**	ug/L	0.002	24	6210	6529	1	Standard
⌈	**V-1**	**51**	**0.060**	ug/L	0.002	3	1196	3306	1	Standard
⌈	**Cr**	**52**	**0.024**	ug/L	0.001	5	18685	19703	1	Standard
⌈	**Cr**	**53**	**0.198**	ug/L	0.010	5	507	1195	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	49	746	798	2	Standard
⌈>	**Ge**	**72**		ug/L			101529	101097	1	KED
⌈	**Ni**	**60**	**0.003**	ug/L	0.003	133	17	22	26	KED
⌈	**Ni**	**62**	**-0.023**	ug/L	0.016	68	12	5	94	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.002	63	76	89	9	KED
⌈	**Cu**	**65**	**-0.003**	ug/L	0.005	171	49	41	34	KED
⌈	**Zn**	**66**	**0.014**	ug/L	0.026	181	83	93	21	KED
⌈	**Zn**	**67**	**0.009**	ug/L	0.091	972	12	13	89	KED
⌈	**As**	**75**	**0.002**	ug/L	0.002	116	3	4	24	KED
⌊	**Se**	**78**	**0.069**	ug/L	0.074	106	12	15	20	KED
	Y	**89**		ug/L			769736	778181	1	Standard
	Kr	**83**		ug/L			333	322	5	Standard
⌈>	**In-1**	**115**		ug/L			28597	28372	1	KED
⌈	**Mo**	**98**	**0.003**	ug/L	0.003	98	7	13	45	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.006	4742	3	3	68	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.005	93694	4	4	118	KED
⌈>	**In**	**115**		ug/L			1441543	1381144	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	7	67	75	2	Standard
⌈	**Sb**	**121**	**0.035**	ug/L	0.001	3	516	1264	0	Standard
⌈	**Sb**	**123**	**0.039**	ug/L	0.006	16	381	1009	10	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	1100	36	34	29	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	168	62	64	13	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2853493	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	6	138	349	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	62	429	495	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0207-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:53:07

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1194726	905805	0	Standard
Be	9	0.001	ug/L	0.002	162	10	15	75	Standard
C	13		ug/L			23506	59493	0	Standard
Cl	37		ug/L			7416730	5445727	0	Standard
> Sc	45		ug/L			1401241	941142	0	Standard
Al	27	3131.688	ug/L	23.183	0	3581	60117448	0	Standard
V	51	9.713	ug/L	0.146	1	6210	226120	1	Standard
V-1	51	9.924	ug/L	0.124	1	1196	228645	1	Standard
Cr	52	0.106	ug/L	0.017	15	18685	14652	2	Standard
Cr	53	0.935	ug/L	0.057	6	507	2463	5	Standard
Mn	55	3.527	ug/L	0.101	2	746	109443	2	Standard
> Ge	72		ug/L			101529	60557	0	KED
Ni	60	20.365	ug/L	0.280	1	17	21948	1	KED
Ni	62	20.376	ug/L	0.472	2	12	3625	2	KED
Cu	63	0.220	ug/L	0.003	1	76	735	1	KED
Cu	65	0.234	ug/L	0.004	1	49	390	1	KED
Zn	66	2.356	ug/L	0.075	3	83	1156	3	KED
Zn	67	4.559	ug/L	0.271	5	12	359	5	KED
As	75	124.382	ug/L	0.331	0	3	28135	0	KED
Se	78	4.155	ug/L	0.279	6	12	113	6	KED
Y	89		ug/L			769736	490549	1	Standard
Kr	83		ug/L			333	466	7	Standard
> In-1	115		ug/L			28597	18703	0	KED
Mo	98	765.018	ug/L	4.968	0	7	977153	0	KED
Cd	111	0.249	ug/L	0.029	11	3	74	11	KED
Cd	114	0.174	ug/L	0.018	10	4	133	10	KED
> In	115		ug/L			1441543	697319	0	Standard
Ag	107	0.003	ug/L	0.002	59	67	59	27	Standard
Sb	121	61.375	ug/L	0.251	0	516	681827	0	Standard
Sb	123	62.985	ug/L	0.949	1	381	524192	1	Standard
Ba	135	50.168	ug/L	0.695	1	36	206386	1	Standard
Ba	137	51.308	ug/L	0.975	1	62	367651	1	Standard
> Tb	159		ug/L			2863138	1984655	0	Standard
Tl	205	0.005	ug/L	0.001	11	138	419	9	Standard
Pb	208	2.061	ug/L	0.017	0	429	188648	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:00:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1214225	2	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	2	10	5	0	Standard
	C	**13**		ug/L			23506	29411	0	Standard
	Cl	**37**		ug/L			7416730	7595920	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1405290	1	Standard
⌈	**Al**	**27**	**0.065**	ug/L	0.007	10	3581	5449	4	Standard
⌈	**V**	**51**	**0.016**	ug/L	0.004	24	6210	6782	2	Standard
⌈	**V-1**	**51**	**0.019**	ug/L	0.003	13	1196	1865	3	Standard
⌈	**Cr**	**52**	**0.043**	ug/L	0.009	21	18685	20021	0	Standard
⌈	**Cr**	**53**	**0.053**	ug/L	0.012	21	507	690	4	Standard
⌊	**Mn**	**55**	**0.030**	ug/L	0.002	5	746	2112	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	100968	3	KED
⌈	**Ni**	**60**	**0.007**	ug/L	0.003	37	17	30	18	KED
⌈	**Ni**	**62**	**-0.004**	ug/L	0.027	762	12	10	73	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.005	264	76	85	29	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.004	302	49	45	19	KED
⌈	**Zn**	**66**	**0.193**	ug/L	0.022	11	83	234	10	KED
⌈	**Zn**	**67**	**0.167**	ug/L	0.061	36	12	33	26	KED
⌈	**As**	**75**	**0.007**	ug/L	0.008	113	3	6	50	KED
⌊	**Se**	**78**	**0.112**	ug/L	0.044	39	12	17	10	KED
	Y	**89**		ug/L			769736	779964	2	Standard
	Kr	**83**		ug/L			333	368	4	Standard
⌈>	**In-1**	**115**		ug/L			28597	27583	2	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.002	95	7	10	32	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.003	100	3	2	49	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	65	4	2	35	KED
⌈>	**In**	**115**		ug/L			1441543	1273177	3	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	42	67	48	8	Standard
⌈	**Sb**	**121**	**-0.000**	ug/L	0.002	3161	516	455	13	Standard
⌈	**Sb**	**123**	**-0.002**	ug/L	0.003	111	381	302	13	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.001	37	36	53	12	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	31	62	83	10	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2827551	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	30	138	172	5	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	15	429	663	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:08:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1194726	1067496	0	Standard
	Be	9	0.003	ug/L	0.000	17	10	27	10	Standard
	C	13		ug/L			23506	48343	0	Standard
	Cl	37		ug/L			7416730	5788838	1	Standard
>	Sc	45		ug/L			1401241	965550	2	Standard
	Al	27	177.453	ug/L	1.595	0	3581	3496725	1	Standard
	V	51	1.654	ug/L	0.025	1	6210	43043	1	Standard
	V-1	51	1.793	ug/L	0.024	1	1196	43046	1	Standard
	Cr	52	0.702	ug/L	0.019	2	18685	27114	0	Standard
	Cr	53	1.166	ug/L	0.019	1	507	3064	0	Standard
	Mn	55	7.087	ug/L	0.087	1	746	225065	0	Standard
>	Ge	72		ug/L			101529	66467	1	KED
	Ni	60	4.624	ug/L	0.118	2	17	5479	2	KED
	Ni	62	4.853	ug/L	0.221	4	12	954	6	KED
	Cu	63	2.607	ug/L	0.037	1	76	9021	2	KED
	Cu	65	2.716	ug/L	0.064	2	49	4623	2	KED
	Zn	66	2.774	ug/L	0.061	2	83	1485	1	KED
	Zn	67	4.730	ug/L	0.040	0	12	408	2	KED
	As	75	22.675	ug/L	0.443	1	3	5631	2	KED
	Se	78	1.586	ug/L	0.203	12	12	52	8	KED
	Y	89		ug/L			769736	543251	1	Standard
	Kr	83		ug/L			333	372	10	Standard
>	In-1	115		ug/L			28597	20486	2	KED
	Mo	98	529.872	ug/L	11.044	2	7	741084	0	KED
	Cd	111	0.160	ug/L	0.004	2	3	53	3	KED
	Cd	114	0.123	ug/L	0.016	13	4	104	13	KED
>	In	115		ug/L			1441543	791127	0	Standard
	Ag	107	0.005	ug/L	0.001	16	67	93	10	Standard
	Sb	121	8.874	ug/L	0.046	0	516	112092	1	Standard
	Sb	123	9.147	ug/L	0.090	0	381	86539	0	Standard
	Ba	135	40.202	ug/L	0.328	0	36	187641	0	Standard
	Ba	137	40.636	ug/L	0.116	0	62	330374	0	Standard
>	Tb	159		ug/L			2863138	2244772	0	Standard
	Tl	205	0.156	ug/L	0.001	0	138	12435	1	Standard
	Pb	208	1.510	ug/L	0.013	0	429	156358	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:16:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1230878	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	140	10	8	48	Standard
	C	**13**		ug/L			23506	29420	2	Standard
	Cl	**37**		ug/L			7416730	7563380	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1405207	1	Standard
⌈	**Al**	**27**	**0.058**	ug/L	0.002	2	3581	5260	0	Standard
⌈	**V**	**51**	**0.018**	ug/L	0.006	32	6210	6833	2	Standard
⌈	**V-1**	**51**	**-0.002**	ug/L	0.000	16	1196	1145	0	Standard
⌈	**Cr**	**52**	**0.050**	ug/L	0.012	23	18685	20216	1	Standard
⌈	**Cr**	**53**	**-0.013**	ug/L	0.007	52	507	465	5	Standard
⌊	**Mn**	**55**	**0.044**	ug/L	0.001	1	746	2772	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	100317	1	KED
⌈	**Ni**	**60**	**0.009**	ug/L	0.003	38	17	33	18	KED
⌈	**Ni**	**62**	**-0.006**	ug/L	0.010	170	12	10	28	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.002	93	76	85	9	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.003	181	49	45	17	KED
⌈	**Zn**	**66**	**0.135**	ug/L	0.037	27	83	187	16	KED
⌈	**Zn**	**67**	**0.140**	ug/L	0.021	14	12	29	9	KED
⌈	**As**	**75**	**0.001**	ug/L	0.000	13	3	3	0	KED
⌊	**Se**	**78**	**0.087**	ug/L	0.126	145	12	16	34	KED
	Y	**89**		ug/L			769736	765145	0	Standard
	Kr	**83**		ug/L			333	331	6	Standard
⌈>	**In-1**	**115**		ug/L			28597	28737	1	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.005	249	7	11	87	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	357	3	2	88	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	41	4	2	48	KED
⌈>	**In**	**115**		ug/L			1441543	1293805	2	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	110	67	52	15	Standard
⌈	**Sb**	**121**	**-0.015**	ug/L	0.002	12	516	163	24	Standard
⌈	**Sb**	**123**	**-0.014**	ug/L	0.000	2	381	128	2	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.001	18	36	59	6	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	72	62	75	16	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2828331	2	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	146	138	127	11	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.001	32	429	702	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0229-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:24:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1194726	1298933	1	Standard
[	Be	9	0.010	ug/L	0.001	6	10	98	4	Standard
	C	13		ug/L			23506	74074	1	Standard
	Cl	37		ug/L			7416730	17552745	1	Standard
[>	Sc	45		ug/L			1401241	1569001	1	Standard
[	Al	27	218.376	ug/L	4.342	1	3581	6992867	2	Standard
[	V	51	0.066	ug/L	0.616	934	6210	9353	248	Standard
[	V-1	51	4.854	ug/L	0.069	1	1196	187139	2	Standard
[	Cr	52	149.286	ug/L	1.259	0	18685	4945414	0	Standard
[	Cr	53	162.525	ug/L	1.884	1	507	615686	1	Standard
[	Mn	55	5.981	ug/L	0.037	0	746	308844	1	Standard
[>	Ge	72		ug/L			101529	98546	1	KED
[	Ni	60	14.797	ug/L	0.143	0	17	25956	2	KED
[	Ni	62	15.004	ug/L	0.346	2	12	4346	1	KED
[	Cu	63	32.955	ug/L	0.212	0	76	168222	1	KED
[	Cu	65	32.775	ug/L	0.212	0	49	82198	1	KED
[	Zn	66	56.308	ug/L	0.182	0	83	43145	2	KED
[	Zn	67	52.097	ug/L	0.384	0	12	6560	1	KED
[	As	75	0.343	ug/L	0.034	9	3	129	11	KED
[	Se	78	0.181	ug/L	0.077	42	12	19	17	KED
	Y	89		ug/L			769736	812877	0	Standard
	Kr	83		ug/L			333	402	2	Standard
[>	In-1	115		ug/L			28597	27786	0	KED
[	Mo	98	0.586	ug/L	0.030	5	7	1119	4	KED
[	Cd	111	0.570	ug/L	0.024	4	3	249	4	KED
[	Cd	114	0.546	ug/L	0.030	5	4	615	5	KED
[>	In	115		ug/L			1441543	1249121	3	Standard
[	Ag	107	0.040	ug/L	0.002	4	67	765	2	Standard
[	Sb	121	1.489	ug/L	0.083	5	516	30032	2	Standard
[	Sb	123	1.525	ug/L	0.037	2	381	23048	1	Standard
[	Ba	135	6.604	ug/L	0.079	1	36	48682	2	Standard
[	Ba	137	6.747	ug/L	0.144	2	62	86616	2	Standard
[>	Tb	159		ug/L			2863138	3010914	0	Standard
[	Tl	205	0.002	ug/L	0.000	14	138	329	7	Standard
[	Pb	208	0.615	ug/L	0.006	0	429	85655	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0222-01
Sample Dil Factor: 50
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:30:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1234039	1	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	28	10	29	16	Standard
	C	**13**		ug/L			23506	41732	0	Standard
	Cl	**37**		ug/L			7416730	7552869	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1432046	1	Standard
⌈	**Al**	**27**	**122.662**	ug/L	1.114	0	3581	3586156	0	Standard
⌈	**V**	**51**	**-0.301**	ug/L	0.230	76	6210	-4069	195	Standard
⌈	**V-1**	**51**	**0.458**	ug/L	0.012	2	1196	17221	1	Standard
⌈	**Cr**	**52**	**47.046**	ug/L	0.395	0	18685	1435641	1	Standard
⌈	**Cr**	**53**	**48.790**	ug/L	0.776	1	507	169036	0	Standard
⌊	**Mn**	**55**	**18.183**	ug/L	0.105	0	746	855357	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	105003	1	KED
⌈	**Ni**	**60**	**0.514**	ug/L	0.019	3	17	978	3	KED
⌈	**Ni**	**62**	**0.554**	ug/L	0.055	9	12	182	8	KED
⌈	**Cu**	**63**	**2.617**	ug/L	0.031	1	76	14306	2	KED
⌈	**Cu**	**65**	**2.629**	ug/L	0.056	2	49	7070	1	KED
⌈	**Zn**	**66**	**48.240**	ug/L	0.691	1	83	39392	1	KED
⌈	**Zn**	**67**	**46.482**	ug/L	0.733	1	12	6237	1	KED
⌈	**As**	**75**	**0.275**	ug/L	0.009	3	3	111	1	KED
⌊	**Se**	**78**	**0.010**	ug/L	0.087	881	12	13	28	KED
	Y	**89**		ug/L			769736	803530	1	Standard
	Kr	**83**		ug/L			333	329	10	Standard
⌈>	**In-1**	**115**		ug/L			28597	28943	0	KED
⌈	**Mo**	**98**	**0.119**	ug/L	0.003	2	7	241	2	KED
⌈	**Cd**	**111**	**0.491**	ug/L	0.024	4	3	224	5	KED
⌊	**Cd**	**114**	**0.454**	ug/L	0.027	6	4	533	6	KED
⌈>	**In**	**115**		ug/L			1441543	1356390	0	Standard
⌈	**Ag**	**107**	**0.026**	ug/L	0.003	10	67	564	9	Standard
⌈	**Sb**	**121**	**0.200**	ug/L	0.007	3	516	4806	2	Standard
⌈	**Sb**	**123**	**0.204**	ug/L	0.006	3	381	3662	2	Standard
⌈	**Ba**	**135**	**2.959**	ug/L	0.025	0	36	23709	1	Standard
⌊	**Ba**	**137**	**2.940**	ug/L	0.009	0	62	41043	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2951958	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	12	138	208	4	Standard
⌊	**Pb**	**208**	**3.097**	ug/L	0.017	0	429	421384	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-07
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:39:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1162372	1	Standard
	Be	**9**	**0.007**	ug/L	0.000	5	10	65	6	Standard
	C	**13**		ug/L			23506	43337	0	Standard
	Cl	**37**		ug/L			7416730	6912945	0	Standard
>	**Sc**	**45**		ug/L			1401241	1281060	0	Standard
	Al	**27**	**126.695**	ug/L	0.622	0	3581	3313667	0	Standard
	V	**51**	**4.645**	ug/L	0.025	0	6210	150147	0	Standard
	V-1	**51**	**4.663**	ug/L	0.019	0	1196	146805	0	Standard
	Cr	**52**	**0.433**	ug/L	0.009	1	18685	28739	0	Standard
	Cr	**53**	**0.555**	ug/L	0.014	2	507	2178	2	Standard
	Mn	**55**	**2.153**	ug/L	0.009	0	746	91188	0	Standard
>	**Ge**	**72**		ug/L			101529	84586	1	KED
	Ni	**60**	**2.558**	ug/L	0.047	1	17	3863	0	KED
	Ni	**62**	**2.618**	ug/L	0.179	6	12	659	5	KED
	Cu	**63**	**4.647**	ug/L	0.064	1	76	20412	0	KED
	Cu	**65**	**4.769**	ug/L	0.076	1	49	10300	1	KED
	Zn	**66**	**2.305**	ug/L	0.016	0	83	1582	1	KED
	Zn	**67**	**8.927**	ug/L	0.205	2	12	973	3	KED
	As	**75**	**45.857**	ug/L	0.021	0	3	14490	1	KED
	Se	**78**	**0.462**	ug/L	0.040	8	12	26	3	KED
	Y	**89**		ug/L			769736	697124	1	Standard
	Kr	**83**		ug/L			333	314	4	Standard
>	**In-1**	**115**		ug/L			28597	24584	1	KED
	Mo	**98**	**124.170**	ug/L	2.616	2	7	208440	0	KED
	Cd	**111**	**0.049**	ug/L	0.014	29	3	21	24	KED
	Cd	**114**	**0.049**	ug/L	0.007	14	4	52	12	KED
>	**In**	**115**		ug/L			1441543	1122846	2	Standard
	Ag	**107**	**0.011**	ug/L	0.002	14	67	233	12	Standard
	Sb	**121**	**29.752**	ug/L	0.513	1	516	532310	0	Standard
	Sb	**123**	**30.369**	ug/L	0.175	0	381	407131	2	Standard
	Ba	**135**	**99.232**	ug/L	1.336	1	36	657273	1	Standard
	Ba	**137**	**101.832**	ug/L	2.688	2	62	1174567	0	Standard
>	**Tb**	**159**		ug/L			2863138	2738401	1	Standard
	Tl	**205**	**0.019**	ug/L	0.000	2	138	2003	0	Standard
	Pb	**208**	**2.862**	ug/L	0.021	0	429	361310	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-24
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:47:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	954506	1	Standard
	Be	**9**	**0.000**	ug/L	0.000	63	10	10	10	Standard
	C	**13**		ug/L			23506	59058	2	Standard
	Cl	**37**		ug/L			7416730	5531989	0	Standard
>	**Sc**	**45**		ug/L			1401241	1007597	1	Standard
	Al	**27**	**2678.000**	ug/L	43.924	1	3581	55033675	1	Standard
	V	**51**	**8.641**	ug/L	0.101	1	6210	215852	0	Standard
	V-1	**51**	**8.734**	ug/L	0.105	1	1196	215518	0	Standard
	Cr	**52**	**0.057**	ug/L	0.006	10	18685	14641	1	Standard
	Cr	**53**	**0.487**	ug/L	0.015	2	507	1547	1	Standard
	Mn	**55**	**3.089**	ug/L	0.038	1	746	102668	0	Standard
>	**Ge**	**72**		ug/L			101529	62452	0	KED
	Ni	**60**	**18.051**	ug/L	0.167	0	17	20064	1	KED
	Ni	**62**	**18.029**	ug/L	0.205	1	12	3308	0	KED
	Cu	**63**	**0.213**	ug/L	0.014	6	76	734	6	KED
	Cu	**65**	**0.211**	ug/L	0.009	4	49	365	4	KED
	Zn	**66**	**2.266**	ug/L	0.127	5	83	1149	6	KED
	Zn	**67**	**4.146**	ug/L	0.224	5	12	337	5	KED
	As	**75**	**111.004**	ug/L	0.784	0	3	25895	1	KED
	Se	**78**	**3.911**	ug/L	0.277	7	12	110	6	KED
	Y	**89**		ug/L			769736	522851	1	Standard
	Kr	**83**		ug/L			333	380	6	Standard
>	**In-1**	**115**		ug/L			28597	19721	1	KED
	Mo	**98**	**660.858**	ug/L	6.799	1	7	889957	0	KED
	Cd	**111**	**0.202**	ug/L	0.032	15	3	64	14	KED
	Cd	**114**	**0.173**	ug/L	0.018	10	4	140	8	KED
>	**In**	**115**		ug/L			1441543	734975	1	Standard
	Ag	**107**	**0.001**	ug/L	0.001	119	67	40	19	Standard
	Sb	**121**	**52.997**	ug/L	1.109	2	516	620466	0	Standard
	Sb	**123**	**55.244**	ug/L	2.111	3	381	484439	2	Standard
	Ba	**135**	**43.630**	ug/L	0.829	1	36	189163	1	Standard
	Ba	**137**	**44.466**	ug/L	0.361	0	62	335826	0	Standard
>	**Tb**	**159**		ug/L			2863138	2215080	0	Standard
	Tl	**205**	**0.004**	ug/L	0.000	6	138	385	4	Standard
	Pb	**208**	**1.721**	ug/L	0.016	0	429	175845	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:56:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1267215	0	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	33	10	5	33	Standard
	C	**13**		ug/L			23506	28906	1	Standard
	Cl	**37**		ug/L			7416730	7734684	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1433345	1	Standard
⌈	**Al**	**27**	**0.091**	ug/L	0.043	46	3581	6334	21	Standard
⌈	**V**	**51**	**0.016**	ug/L	0.003	19	6210	6922	2	Standard
⌈	**V-1**	**51**	**-0.009**	ug/L	0.001	5	1196	894	1	Standard
⌈	**Cr**	**52**	**0.034**	ug/L	0.002	5	18685	20152	1	Standard
⌈	**Cr**	**53**	**-0.049**	ug/L	0.008	16	507	349	7	Standard
⌊	**Mn**	**55**	**0.085**	ug/L	0.002	2	746	4740	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	101961	2	KED
⌈	**Ni**	**60**	**0.004**	ug/L	0.001	19	17	26	8	KED
⌈	**Ni**	**62**	**-0.009**	ug/L	0.007	82	12	9	20	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.002	426	76	79	14	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.002	65	49	43	11	KED
⌈	**Zn**	**66**	**0.146**	ug/L	0.037	25	83	198	12	KED
⌈	**Zn**	**67**	**0.161**	ug/L	0.034	20	12	33	13	KED
⌈	**As**	**75**	**0.002**	ug/L	0.005	238	3	4	43	KED
⌊	**Se**	**78**	**0.181**	ug/L	0.080	43	12	20	15	KED
	Y	**89**		ug/L			769736	784394	1	Standard
	Kr	**83**		ug/L			333	335	6	Standard
⌈>	**In-1**	**115**		ug/L			28597	29493	0	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.002	103	7	11	33	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.001	27	3	1	34	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.000	3	4	1	6	KED
⌈>	**In**	**115**		ug/L			1441543	1322547	2	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	102	67	52	18	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.001	10	516	193	16	Standard
⌈	**Sb**	**123**	**-0.013**	ug/L	0.002	15	381	148	18	Standard
⌈	**Ba**	**135**	**0.005**	ug/L	0.001	19	36	74	12	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.002	74	62	87	27	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2838636	1	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	18	138	95	9	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	6	429	662	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:01:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1220341	3	Standard
⌊	**Be**	**9**	**47.865**	ug/L	0.175	0	10	380174	3	Standard
	C	**13**		ug/L			23506	27418	0	Standard
	Cl	**37**		ug/L			7416730	7740622	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1437941	1	Standard
⌈	**Al**	**27**	**4975.072**	ug/L	122.499	2	3581	145883458	1	Standard
⌈	**V**	**51**	**47.828**	ug/L	0.974	2	6210	1676162	2	Standard
⌈	**V-1**	**51**	**48.080**	ug/L	0.775	1	1196	1687693	1	Standard
⌈	**Cr**	**52**	**47.868**	ug/L	0.768	1	18685	1466304	1	Standard
⌈	**Cr**	**53**	**48.681**	ug/L	0.166	0	507	169379	1	Standard
⌊	**Mn**	**55**	**49.691**	ug/L	0.181	0	746	2345832	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	103834	0	KED
⌈	**Ni**	**60**	**47.692**	ug/L	0.225	0	17	88109	1	KED
⌈	**Ni**	**62**	**47.355**	ug/L	1.295	2	12	14428	1	KED
⌈	**Cu**	**63**	**48.073**	ug/L	1.195	2	76	258511	2	KED
⌈	**Cu**	**65**	**48.178**	ug/L	0.958	1	49	127273	1	KED
⌈	**Zn**	**66**	**48.191**	ug/L	0.302	0	83	38918	1	KED
⌈	**Zn**	**67**	**49.586**	ug/L	0.321	0	12	6579	0	KED
⌈	**As**	**75**	**48.950**	ug/L	0.550	1	3	18986	0	KED
⌊	**Se**	**78**	**49.497**	ug/L	0.633	1	12	2176	2	KED
	Y	**89**		ug/L			769736	798108	0	Standard
	Kr	**83**		ug/L			333	347	9	Standard
⌈>	**In-1**	**115**		ug/L			28597	29545	0	KED
⌈	**Mo**	**98**	**47.281**	ug/L	0.376	0	7	95403	0	KED
⌈	**Cd**	**111**	**47.561**	ug/L	0.761	1	3	21836	0	KED
⌊	**Cd**	**114**	**47.759**	ug/L	0.494	1	4	56745	0	KED
⌈>	**In**	**115**		ug/L			1441543	1328763	2	Standard
⌈	**Ag**	**107**	**50.785**	ug/L	0.265	0	67	966971	2	Standard
⌈	**Sb**	**121**	**46.676**	ug/L	0.226	0	516	988274	2	Standard
⌈	**Sb**	**123**	**47.124**	ug/L	1.389	2	381	747265	2	Standard
⌈	**Ba**	**135**	**51.138**	ug/L	0.809	1	36	400803	1	Standard
⌊	**Ba**	**137**	**51.712**	ug/L	0.430	0	62	706112	2	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2950338	0	Standard
⌈	**Tl**	**205**	**49.576**	ug/L	0.312	0	138	5141305	0	Standard
⌊	**Pb**	**208**	**48.398**	ug/L	0.415	0	429	6575212	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:09:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1214845	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	16	10	4	24	Standard
	C	**13**		ug/L			23506	24595	1	Standard
	Cl	**37**		ug/L			7416730	7523086	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1432481	0	Standard
⌈	**Al**	**27**	**0.017**	ug/L	0.004	21	3581	4146	2	Standard
⌈	**V**	**51**	**0.003**	ug/L	0.004	119	6210	6458	1	Standard
⌈	**V-1**	**51**	**-0.014**	ug/L	0.001	5	1196	727	4	Standard
⌈	**Cr**	**52**	**-0.004**	ug/L	0.009	217	18685	18977	1	Standard
⌈	**Cr**	**53**	**-0.060**	ug/L	0.004	7	507	311	5	Standard
⌊	**Mn**	**55**	**0.065**	ug/L	0.000	0	746	3828	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	96823	9	KED
⌈	**Ni**	**60**	**0.010**	ug/L	0.007	69	17	33	24	KED
⌈	**Ni**	**62**	**-0.003**	ug/L	0.018	516	12	10	53	KED
⌈	**Cu**	**63**	**0.004**	ug/L	0.002	44	76	94	19	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.003	94	49	53	4	KED
⌈	**Zn**	**66**	**0.017**	ug/L	0.010	58	83	92	17	KED
⌈	**Zn**	**67**	**0.039**	ug/L	0.039	100	12	16	35	KED
⌈	**As**	**75**	**0.003**	ug/L	0.004	140	3	4	24	KED
⌊	**Se**	**78**	**0.082**	ug/L	0.019	22	12	15	11	KED
	Y	**89**		ug/L			769736	785293	1	Standard
	Kr	**83**		ug/L			333	354	3	Standard
⌈>	**In-1**	**115**		ug/L			28597	29396	0	KED
⌈	**Mo**	**98**	**0.006**	ug/L	0.001	19	7	18	10	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.002	84	3	4	20	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.004	327751	4	4	96	KED
⌈>	**In**	**115**		ug/L			1441543	1334522	2	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	65	67	71	6	Standard
⌈	**Sb**	**121**	**0.031**	ug/L	0.002	7	516	1146	4	Standard
⌈	**Sb**	**123**	**0.037**	ug/L	0.001	3	381	938	0	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	21	36	62	10	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	579	62	55	29	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2913154	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	24	138	307	12	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	1	429	484	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-01RE1
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:17:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1138797	1	Standard
	Be	**9**	**0.002**	ug/L	0.001	52	10	21	28	Standard
	C	**13**		ug/L			23506	36470	2	Standard
	Cl	**37**		ug/L			7416730	6487495	0	Standard
>	**Sc**	**45**		ug/L			1401241	1176358	1	Standard
	Al	**27**	**81.535**	ug/L	0.430	0	3581	1959189	1	Standard
	V	**51**	**0.815**	ug/L	0.019	2	6210	28500	0	Standard
	V-1	**51**	**0.886**	ug/L	0.017	1	1196	26425	0	Standard
	Cr	**52**	**0.319**	ug/L	0.012	3	18685	23576	0	Standard
	Cr	**53**	**0.555**	ug/L	0.009	1	507	2000	1	Standard
	Mn	**55**	**3.557**	ug/L	0.016	0	746	137963	1	Standard
>	**Ge**	**72**		ug/L			101529	78735	1	KED
	Ni	**60**	**2.268**	ug/L	0.074	3	17	3190	3	KED
	Ni	**62**	**2.488**	ug/L	0.137	5	12	583	3	KED
	Cu	**63**	**1.357**	ug/L	0.021	1	76	5590	2	KED
	Cu	**65**	**1.344**	ug/L	0.061	4	49	2728	2	KED
	Zn	**66**	**1.770**	ug/L	0.056	3	83	1145	1	KED
	Zn	**67**	**2.467**	ug/L	0.132	5	12	257	6	KED
	As	**75**	**11.853**	ug/L	0.116	0	3	3488	2	KED
	Se	**78**	**0.900**	ug/L	0.127	14	12	39	11	KED
	Y	**89**		ug/L			769736	647876	1	Standard
	Kr	**83**		ug/L			333	312	3	Standard
>	**In-1**	**115**		ug/L			28597	23395	1	KED
	Mo	**98**	**261.035**	ug/L	4.621	1	7	416995	0	KED
	Cd	**111**	**0.079**	ug/L	0.016	20	3	31	18	KED
	Cd	**114**	**0.070**	ug/L	0.010	14	4	69	14	KED
>	**In**	**115**		ug/L			1441543	1015747	0	Standard
	Ag	**107**	**0.002**	ug/L	0.000	16	67	78	6	Standard
	Sb	**121**	**4.560**	ug/L	0.069	1	516	74127	2	Standard
	Sb	**123**	**4.621**	ug/L	0.046	0	381	56274	1	Standard
	Ba	**135**	**18.671**	ug/L	0.072	0	36	111912	1	Standard
	Ba	**137**	**18.824**	ug/L	0.069	0	62	196515	0	Standard
>	**Tb**	**159**		ug/L			2863138	2588975	0	Standard
	Tl	**205**	**0.082**	ug/L	0.002	2	138	7569	2	Standard
	Pb	**208**	**0.809**	ug/L	0.009	1	429	96870	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-24RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:24:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1194726	1140973	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	50	10	15	18	Standard
	C	**13**		ug/L			23506	33429	2	Standard
	Cl	**37**		ug/L			7416730	6913210	0	Standard
[>	**Sc**	**45**		ug/L			1401241	1311909	1	Standard
[	**Al**	**27**	**551.348**	ug/L	9.428	1	3581	14753226	0	Standard
[	**V**	**51**	**1.908**	ug/L	0.042	2	6210	66587	1	Standard
[	**V-1**	**51**	**1.937**	ug/L	0.043	2	1196	63105	2	Standard
[	**Cr**	**52**	**0.005**	ug/L	0.011	208	18685	17638	0	Standard
[	**Cr**	**53**	**0.128**	ug/L	0.007	5	507	879	3	Standard
[	**Mn**	**55**	**0.625**	ug/L	0.003	0	746	27595	1	Standard
[>	**Ge**	**72**		ug/L			101529	88223	2	KED
[	**Ni**	**60**	**3.782**	ug/L	0.106	2	17	5950	3	KED
[	**Ni**	**62**	**3.803**	ug/L	0.151	3	12	993	1	KED
[	**Cu**	**63**	**0.058**	ug/L	0.006	11	76	329	11	KED
[	**Cu**	**65**	**0.044**	ug/L	0.007	15	49	142	10	KED
[	**Zn**	**66**	**0.627**	ug/L	0.053	8	83	501	7	KED
[	**Zn**	**67**	**1.144**	ug/L	0.075	6	12	139	4	KED
[	**As**	**75**	**24.225**	ug/L	0.324	1	3	7983	1	KED
[	**Se**	**78**	**1.010**	ug/L	0.197	19	12	48	12	KED
	Y	**89**		ug/L			769736	702892	2	Standard
	Kr	**83**		ug/L			333	319	1	Standard
[>	**In-1**	**115**		ug/L			28597	25521	1	KED
[	**Mo**	**98**	**135.317**	ug/L	3.255	2	7	235780	0	KED
[	**Cd**	**111**	**0.040**	ug/L	0.011	26	3	19	21	KED
[	**Cd**	**114**	**0.032**	ug/L	0.012	38	4	36	34	KED
[>	**In**	**115**		ug/L			1441543	1128427	0	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.000	63	67	43	14	Standard
[	**Sb**	**121**	**11.949**	ug/L	0.319	2	516	215145	2	Standard
[	**Sb**	**123**	**12.427**	ug/L	0.070	0	381	167602	0	Standard
[	**Ba**	**135**	**7.970**	ug/L	0.097	1	36	53082	1	Standard
[	**Ba**	**137**	**8.076**	ug/L	0.175	2	62	93694	2	Standard
[>	**Tb**	**159**		ug/L			2863138	2741453	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	19	138	233	8	Standard
[	**Pb**	**208**	**0.442**	ug/L	0.003	0	429	56164	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-03
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:32:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1198424	2	Standard
	Be	**9**	**-0.000**	ug/L	0.001	158	10	8	48	Standard
	C	**13**		ug/L			23506	31321	1	Standard
	Cl	**37**		ug/L			7416730	7166733	0	Standard
>	**Sc**	**45**		ug/L			1401241	1322815	1	Standard
	Al	**27**	**33.885**	ug/L	0.498	1	3581	917587	1	Standard
	V	**51**	**0.349**	ug/L	0.004	1	6210	17066	1	Standard
	V-1	**51**	**0.379**	ug/L	0.001	0	1196	13352	1	Standard
	Cr	**52**	**0.104**	ug/L	0.011	10	18685	20540	2	Standard
	Cr	**53**	**0.205**	ug/L	0.015	7	507	1133	5	Standard
	Mn	**55**	**1.523**	ug/L	0.005	0	746	66814	0	Standard
>	**Ge**	**72**		ug/L			101529	90745	2	KED
	Ni	**60**	**0.947**	ug/L	0.036	3	17	1546	5	KED
	Ni	**62**	**1.011**	ug/L	0.111	10	12	279	8	KED
	Cu	**63**	**0.556**	ug/L	0.008	1	76	2678	1	KED
	Cu	**65**	**0.555**	ug/L	0.010	1	49	1325	1	KED
	Zn	**66**	**0.460**	ug/L	0.045	9	83	398	9	KED
	Zn	**67**	**1.098**	ug/L	0.039	3	12	137	1	KED
	As	**75**	**5.020**	ug/L	0.049	0	3	1704	1	KED
	Se	**78**	**0.360**	ug/L	0.041	11	12	25	7	KED
	Y	**89**		ug/L			769736	716891	0	Standard
	Kr	**83**		ug/L			333	326	7	Standard
>	**In-1**	**115**		ug/L			28597	26552	0	KED
	Mo	**98**	**106.517**	ug/L	0.733	0	7	193145	0	KED
	Cd	**111**	**0.037**	ug/L	0.014	38	3	18	31	KED
	Cd	**114**	**0.025**	ug/L	0.009	36	4	31	31	KED
>	**In**	**115**		ug/L			1441543	1165908	0	Standard
	Ag	**107**	**0.001**	ug/L	0.000	68	67	64	10	Standard
	Sb	**121**	**1.934**	ug/L	0.028	1	516	36322	1	Standard
	Sb	**123**	**2.053**	ug/L	0.029	1	381	28865	1	Standard
	Ba	**135**	**7.614**	ug/L	0.029	0	36	52397	0	Standard
	Ba	**137**	**7.575**	ug/L	0.014	0	62	90807	0	Standard
>	**Tb**	**159**		ug/L			2863138	2797372	0	Standard
	Tl	**205**	**0.036**	ug/L	0.001	2	138	3666	2	Standard
	Pb	**208**	**0.361**	ug/L	0.005	1	429	46857	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:37:11

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1267324	0	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	34	10	5	43	Standard
	C	**13**		ug/L			23506	30391	0	Standard
	Cl	**37**		ug/L			7416730	7582798	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1443189	0	Standard
⌈	**Al**	**27**	**0.337**	ug/L	0.005	1	3581	13597	1	Standard
⌈	**V**	**51**	**0.010**	ug/L	0.004	35	6210	6742	2	Standard
⌈	**V-1**	**51**	**-0.017**	ug/L	0.001	7	1196	629	7	Standard
⌈	**Cr**	**52**	**0.045**	ug/L	0.005	10	18685	20624	1	Standard
⌈	**Cr**	**53**	**-0.042**	ug/L	0.008	18	507	375	6	Standard
⌊	**Mn**	**55**	**0.102**	ug/L	0.002	1	746	5587	2	Standard
⌈>	**Ge**	**72**		ug/L			101529	102971	1	KED
⌈	**Ni**	**60**	**0.012**	ug/L	0.006	48	17	40	25	KED
⌈	**Ni**	**62**	**0.017**	ug/L	0.030	180	12	17	50	KED
⌈	**Cu**	**63**	**0.013**	ug/L	0.003	20	76	146	10	KED
⌈	**Cu**	**65**	**0.011**	ug/L	0.011	102	49	78	38	KED
⌈	**Zn**	**66**	**0.126**	ug/L	0.027	21	83	185	13	KED
⌈	**Zn**	**67**	**0.135**	ug/L	0.071	52	12	29	29	KED
⌈	**As**	**75**	**0.002**	ug/L	0.009	492	3	4	86	KED
⌊	**Se**	**78**	**0.132**	ug/L	0.015	11	12	18	1	KED
	Y	**89**		ug/L			769736	792711	0	Standard
	Kr	**83**		ug/L			333	332	3	Standard
⌈>	**In-1**	**115**		ug/L			28597	29370	1	KED
⌈	**Mo**	**98**	**0.001**	ug/L	0.001	106	7	10	28	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.002	425	3	3	25	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	260	4	3	109	KED
⌈>	**In**	**115**		ug/L			1441543	1328559	1	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	36	67	38	20	Standard
⌈	**Sb**	**121**	**-0.008**	ug/L	0.001	16	516	306	9	Standard
⌈	**Sb**	**123**	**-0.005**	ug/L	0.001	26	381	276	8	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	32	36	68	15	Standard
⌊	**Ba**	**137**	**0.005**	ug/L	0.000	8	62	120	3	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2884872	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	8	138	67	9	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	13	429	574	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-10
Sample Dil Factor: 5
Comments: DEL
Sample Date/Time: Thursday, June 24, 2021 20:42:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1261614	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	307	10	12	31	Standard
	C	**13**		ug/L			23506	31722	1	Standard
	Cl	**37**		ug/L			7416730	7631655	0	Standard
>	**Sc**	**45**		ug/L			1401241	1483862	0	Standard
	Al	**27**	**4.919**	ug/L	0.165	3	3581	152684	3	Standard
	V	**51**	**0.230**	ug/L	0.003	1	6210	14867	1	Standard
	V-1	**51**	**0.210**	ug/L	0.001	0	1196	8852	1	Standard
	Cr	**52**	**0.115**	ug/L	0.007	5	18685	23373	1	Standard
	Cr	**53**	**0.050**	ug/L	0.005	10	507	717	1	Standard
	Mn	**55**	**0.983**	ug/L	0.015	1	746	48676	0	Standard
>	**Ge**	**72**		ug/L			101529	102852	2	KED
	Ni	**60**	**0.104**	ug/L	0.008	7	17	208	7	KED
	Ni	**62**	**0.084**	ug/L	0.040	48	12	37	32	KED
	Cu	**63**	**0.163**	ug/L	0.010	5	76	942	2	KED
	Cu	**65**	**0.168**	ug/L	0.014	8	49	490	5	KED
	Zn	**66**	**0.181**	ug/L	0.011	6	83	228	6	KED
	Zn	**67**	**0.889**	ug/L	0.067	7	12	128	8	KED
	As	**75**	**0.248**	ug/L	0.010	4	3	98	4	KED
	Se	**78**	**0.097**	ug/L	0.054	55	12	16	11	KED
	Y	**89**		ug/L			769736	790581	1	Standard
	Kr	**83**		ug/L			333	344	8	Standard
>	**In-1**	**115**		ug/L			28597	29149	0	KED
	Mo	**98**	**1.322**	ug/L	0.039	2	7	2639	2	KED
	Cd	**111**	**0.005**	ug/L	0.004	86	3	5	33	KED
	Cd	**114**	**0.001**	ug/L	0.001	73	4	6	17	KED
>	**In**	**115**		ug/L			1441543	1334143	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	69	67	50	17	Standard
	Sb	**121**	**0.186**	ug/L	0.007	3	516	4419	2	Standard
	Sb	**123**	**0.191**	ug/L	0.006	2	381	3393	3	Standard
	Ba	**135**	**9.192**	ug/L	0.040	0	36	72387	2	Standard
	Ba	**137**	**9.220**	ug/L	0.107	1	62	126456	2	Standard
>	**Tb**	**159**		ug/L			2863138	2936148	0	Standard
	Tl	**205**	**0.000**	ug/L	0.000	119	138	171	20	Standard
	Pb	**208**	**0.007**	ug/L	0.000	4	429	1325	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-12
Sample Dil Factor: 5
DEL
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:47:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1275114	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	657	10	13	89	Standard
	C	**13**		ug/L			23506	31800	0	Standard
	Cl	**37**		ug/L			7416730	7761631	1	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1473773	1	Standard
⌈	**Al**	**27**	**4.907**	ug/L	0.162	3	3581	151247	2	Standard
⌈	**V**	**51**	**0.251**	ug/L	0.009	3	6210	15525	3	Standard
⌈	**V-1**	**51**	**0.229**	ug/L	0.006	2	1196	9479	3	Standard
⌈	**Cr**	**52**	**0.191**	ug/L	0.007	3	18685	25576	1	Standard
⌈	**Cr**	**53**	**0.119**	ug/L	0.006	4	507	956	1	Standard
⌊	**Mn**	**55**	**0.433**	ug/L	0.005	1	746	21738	2	Standard
⌈>	**Ge**	**72**		ug/L			101529	101538	0	KED
⌈	**Ni**	**60**	**0.106**	ug/L	0.016	15	17	208	14	KED
⌈	**Ni**	**62**	**0.096**	ug/L	0.019	19	12	40	13	KED
⌈	**Cu**	**63**	**0.173**	ug/L	0.001	0	76	985	0	KED
⌈	**Cu**	**65**	**0.174**	ug/L	0.005	2	49	497	2	KED
⌈	**Zn**	**66**	**0.263**	ug/L	0.001	0	83	290	0	KED
⌈	**Zn**	**67**	**0.961**	ug/L	0.223	23	12	136	20	KED
⌈	**As**	**75**	**0.243**	ug/L	0.026	10	3	95	10	KED
⌊	**Se**	**78**	**0.042**	ug/L	0.039	92	12	14	11	KED
	Y	**89**		ug/L			769736	781263	0	Standard
	Kr	**83**		ug/L			333	329	6	Standard
⌈>	**In-1**	**115**		ug/L			28597	28418	1	KED
⌈	**Mo**	**98**	**1.382**	ug/L	0.031	2	7	2688	1	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	216	3	2	78	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	132	4	3	54	KED
⌈>	**In**	**115**		ug/L			1441543	1342801	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	50	67	45	19	Standard
⌈	**Sb**	**121**	**0.192**	ug/L	0.001	0	516	4581	0	Standard
⌈	**Sb**	**123**	**0.197**	ug/L	0.005	2	381	3506	2	Standard
⌈	**Ba**	**135**	**9.085**	ug/L	0.085	0	36	72004	1	Standard
⌊	**Ba**	**137**	**9.080**	ug/L	0.043	0	62	125339	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2905969	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	18	138	119	3	Standard
⌊	**Pb**	**208**	**0.012**	ug/L	0.001	4	429	2053	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-14
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:52:02

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1288202	2	Standard
	Be	**9**	**-0.000**	ug/L	0.000	98	10	9	20	Standard
	C	**13**		ug/L			23506	32035	0	Standard
	Cl	**37**		ug/L			7416730	7742915	0	Standard
>	**Sc**	**45**		ug/L			1401241	1474647	0	Standard
	Al	**27**	**4.270**	ug/L	0.031	0	3581	132182	0	Standard
	V	**51**	**0.246**	ug/L	0.005	2	6210	15351	1	Standard
	V-1	**51**	**0.228**	ug/L	0.006	2	1196	9466	2	Standard
	Cr	**52**	**0.158**	ug/L	0.016	10	18685	24566	1	Standard
	Cr	**53**	**0.101**	ug/L	0.017	17	507	893	6	Standard
	Mn	**55**	**0.383**	ug/L	0.009	2	746	19325	1	Standard
>	**Ge**	**72**		ug/L			101529	102368	1	KED
	Ni	**60**	**0.100**	ug/L	0.003	3	17	200	3	KED
	Ni	**62**	**0.086**	ug/L	0.024	27	12	38	20	KED
	Cu	**63**	**0.184**	ug/L	0.008	4	76	1054	2	KED
	Cu	**65**	**0.165**	ug/L	0.017	10	49	479	7	KED
	Zn	**66**	**0.384**	ug/L	0.044	11	83	388	7	KED
	Zn	**67**	**1.111**	ug/L	0.255	22	12	156	19	KED
	As	**75**	**0.247**	ug/L	0.023	9	3	97	6	KED
	Se	**78**	**0.085**	ug/L	0.126	146	12	16	31	KED
	Y	**89**		ug/L			769736	777188	0	Standard
	Kr	**83**		ug/L			333	345	11	Standard
>	**In-1**	**115**		ug/L			28597	28410	0	KED
	Mo	**98**	**1.378**	ug/L	0.033	2	7	2680	1	KED
	Cd	**111**	**0.000**	ug/L	0.003	4415	3	3	31	KED
	Cd	**114**	**0.000**	ug/L	0.002	375	4	5	37	KED
>	**In**	**115**		ug/L			1441543	1351828	2	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	154	67	52	32	Standard
	Sb	**121**	**0.200**	ug/L	0.012	5	516	4779	5	Standard
	Sb	**123**	**0.196**	ug/L	0.012	6	381	3510	3	Standard
	Ba	**135**	**9.152**	ug/L	0.241	2	36	72987	0	Standard
	Ba	**137**	**9.266**	ug/L	0.319	3	62	128684	0	Standard
>	**Tb**	**159**		ug/L			2863138	2934371	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	260	138	135	12	Standard
	Pb	**208**	**0.016**	ug/L	0.000	0	429	2547	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-16
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:56:59

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1230740	0	Standard
	Be	**9**	**0.001**	ug/L	0.000	93	10	15	25	Standard
	C	**13**		ug/L			23506	33289	1	Standard
	Cl	**37**		ug/L			7416730	7901057	0	Standard
>	**Sc**	**45**		ug/L			1401241	1448980	1	Standard
	Al	**27**	**2.207**	ug/L	0.093	4	3581	68942	4	Standard
	V	**51**	**0.131**	ug/L	0.003	2	6210	11022	1	Standard
	V-1	**51**	**0.129**	ug/L	0.003	2	1196	5811	1	Standard
	Cr	**52**	**0.017**	ug/L	0.004	22	18685	19832	1	Standard
	Cr	**53**	**0.014**	ug/L	0.004	27	507	574	2	Standard
	Mn	**55**	**206.442**	ug/L	2.755	1	746	9817258	0	Standard
>	**Ge**	**72**		ug/L			101529	100121	0	KED
	Ni	**60**	**0.355**	ug/L	0.025	6	17	648	6	KED
	Ni	**62**	**0.349**	ug/L	0.086	24	12	114	21	KED
	Cu	**63**	**0.334**	ug/L	0.018	5	76	1806	4	KED
	Cu	**65**	**0.344**	ug/L	0.005	1	49	924	0	KED
	Zn	**66**	**0.237**	ug/L	0.017	7	83	266	5	KED
	Zn	**67**	**1.454**	ug/L	0.129	8	12	197	7	KED
	As	**75**	**1.317**	ug/L	0.030	2	3	495	1	KED
	Se	**78**	**0.126**	ug/L	0.048	38	12	17	11	KED
	Y	**89**		ug/L			769736	770766	1	Standard
	Kr	**83**		ug/L			333	323	9	Standard
>	**In-1**	**115**		ug/L			28597	27882	1	KED
	Mo	**98**	**6.391**	ug/L	0.152	2	7	12172	0	KED
	Cd	**111**	**0.002**	ug/L	0.001	68	3	4	13	KED
	Cd	**114**	**0.002**	ug/L	0.005	195	4	7	69	KED
>	**In**	**115**		ug/L			1441543	1316137	0	Standard
	Ag	**107**	**0.000**	ug/L	0.000	147	67	62	3	Standard
	Sb	**121**	**0.304**	ug/L	0.016	5	516	6833	4	Standard
	Sb	**123**	**0.324**	ug/L	0.011	3	381	5441	2	Standard
	Ba	**135**	**17.604**	ug/L	0.182	1	36	136716	1	Standard
	Ba	**137**	**17.617**	ug/L	0.241	1	62	238302	0	Standard
>	**Tb**	**159**		ug/L			2863138	2969432	2	Standard
	Tl	**205**	**0.001**	ug/L	0.000	14	138	208	3	Standard
	Pb	**208**	**0.041**	ug/L	0.001	2	429	6030	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-20
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:02:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1269735	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	480	10	12	24	Standard
	C	**13**		ug/L			23506	32257	1	Standard
	Cl	**37**		ug/L			7416730	7804788	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1463660	2	Standard
⌈	**Al**	**27**	**4.392**	ug/L	0.139	3	3581	134774	0	Standard
⌊	**V**	**51**	**0.307**	ug/L	0.005	1	6210	17398	2	Standard
⌈	**V-1**	**51**	**0.297**	ug/L	0.006	2	1196	11838	2	Standard
⌊	**Cr**	**52**	**0.162**	ug/L	0.012	7	18685	24484	1	Standard
⌈	**Cr**	**53**	**0.130**	ug/L	0.016	12	507	988	2	Standard
⌊	**Mn**	**55**	**1.415**	ug/L	0.027	1	746	68738	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	99378	1	KED
⌈	**Ni**	**60**	**0.115**	ug/L	0.015	13	17	220	13	KED
⌊	**Ni**	**62**	**0.117**	ug/L	0.021	18	12	45	12	KED
⌈	**Cu**	**63**	**0.317**	ug/L	0.009	2	76	1706	3	KED
⌊	**Cu**	**65**	**0.326**	ug/L	0.017	5	49	873	6	KED
⌈	**Zn**	**66**	**0.214**	ug/L	0.021	9	83	246	6	KED
⌊	**Zn**	**67**	**2.081**	ug/L	0.175	8	12	275	8	KED
⌈	**As**	**75**	**0.531**	ug/L	0.035	6	3	200	7	KED
⌊	**Se**	**78**	**0.156**	ug/L	0.149	95	12	18	32	KED
	Y	**89**		ug/L			769736	776553	1	Standard
	Kr	**83**		ug/L			333	330	8	Standard
⌈>	**In-1**	**115**		ug/L			28597	27702	0	KED
⌈	**Mo**	**98**	**13.486**	ug/L	0.039	0	7	25518	0	KED
⌊	**Cd**	**111**	**0.002**	ug/L	0.005	186	3	4	44	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.002	43	4	9	21	KED
⌈>	**In**	**115**		ug/L			1441543	1326042	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	70	67	52	11	Standard
⌊	**Sb**	**121**	**0.667**	ug/L	0.025	3	516	14567	2	Standard
⌈	**Sb**	**123**	**0.677**	ug/L	0.022	3	381	11062	4	Standard
⌊	**Ba**	**135**	**25.553**	ug/L	0.608	2	36	199889	1	Standard
⌈	**Ba**	**137**	**25.540**	ug/L	0.554	2	62	347991	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2964190	0	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	1	138	504	1	Standard
⌊	**Pb**	**208**	**0.013**	ug/L	0.000	2	429	2201	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:10:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1313215	1	Standard
	Be	**9**	**-0.000**	ug/L	0.001	364	10	9	87	Standard
	C	**13**		ug/L			23506	28746	1	Standard
	Cl	**37**		ug/L			7416730	8109673	1	Standard
>	**Sc**	**45**		ug/L			1401241	1460062	0	Standard
	Al	**27**	**0.063**	ug/L	0.002	3	3581	5611	1	Standard
	V	**51**	**0.013**	ug/L	0.003	21	6210	6945	1	Standard
	V-1	**51**	**-0.023**	ug/L	0.000	0	1196	413	1	Standard
	Cr	**52**	**0.034**	ug/L	0.005	14	18685	20517	1	Standard
	Cr	**53**	**-0.085**	ug/L	0.004	4	507	229	5	Standard
	Mn	**55**	**0.032**	ug/L	0.001	2	746	2310	1	Standard
>	**Ge**	**72**		ug/L			101529	102312	1	KED
	Ni	**60**	**0.008**	ug/L	0.005	67	17	31	29	KED
	Ni	**62**	**-0.009**	ug/L	0.006	70	12	9	20	KED
	Cu	**63**	**-0.000**	ug/L	0.001	251	76	74	6	KED
	Cu	**65**	**-0.005**	ug/L	0.005	108	49	36	38	KED
	Zn	**66**	**0.182**	ug/L	0.035	19	83	228	12	KED
	Zn	**67**	**0.165**	ug/L	0.013	7	12	33	3	KED
	As	**75**	**-0.000**	ug/L	0.002	410	3	3	22	KED
	Se	**78**	**0.061**	ug/L	0.080	130	12	15	24	KED
	Y	**89**		ug/L			769736	788325	1	Standard
	Kr	**83**		ug/L			333	310	5	Standard
>	**In-1**	**115**		ug/L			28597	29250	1	KED
	Mo	**98**	**-0.002**	ug/L	0.001	26	7	2	46	KED
	Cd	**111**	**0.003**	ug/L	0.006	241	3	4	60	KED
	Cd	**114**	**-0.000**	ug/L	0.002	10548	4	4	44	KED
>	**In**	**115**		ug/L			1441543	1374139	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	57	67	45	23	Standard
	Sb	**121**	**-0.018**	ug/L	0.000	0	516	88	3	Standard
	Sb	**123**	**-0.018**	ug/L	0.001	3	381	62	17	Standard
	Ba	**135**	**0.004**	ug/L	0.002	62	36	64	29	Standard
	Ba	**137**	**0.002**	ug/L	0.001	41	62	88	14	Standard
>	**Tb**	**159**		ug/L			2863138	2927868	2	Standard
	Tl	**205**	**-0.001**	ug/L	0.000	8	138	67	8	Standard
	Pb	**208**	**0.002**	ug/L	0.000	8	429	707	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:15:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1279496	0	Standard
⌊	**Be**	**9**	**47.712**	ug/L	0.453	0	10	397324	0	Standard
	C	**13**		ug/L			23506	27707	0	Standard
	Cl	**37**		ug/L			7416730	7936129	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1469593	2	Standard
⌈	**Al**	**27**	**4944.500**	ug/L	100.806	2	3581	148159084	0	Standard
⌈	**V**	**51**	**47.273**	ug/L	0.733	1	6210	1692919	1	Standard
⌈	**V-1**	**51**	**47.577**	ug/L	0.686	1	1196	1706484	1	Standard
⌈	**Cr**	**52**	**47.166**	ug/L	1.067	2	18685	1476421	0	Standard
⌈	**Cr**	**53**	**48.150**	ug/L	0.770	1	507	171173	1	Standard
⌊	**Mn**	**55**	**49.323**	ug/L	0.956	1	746	2379018	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	102799	1	KED
⌈	**Ni**	**60**	**48.772**	ug/L	0.331	0	17	89205	1	KED
⌈	**Ni**	**62**	**49.132**	ug/L	0.337	0	12	14822	1	KED
⌈	**Cu**	**63**	**48.964**	ug/L	0.696	1	76	260685	0	KED
⌈	**Cu**	**65**	**48.676**	ug/L	0.546	1	49	127325	1	KED
⌈	**Zn**	**66**	**48.588**	ug/L	0.482	0	83	38845	0	KED
⌈	**Zn**	**67**	**49.490**	ug/L	0.924	1	12	6500	0	KED
⌈	**As**	**75**	**49.013**	ug/L	0.025	0	3	18822	1	KED
⌊	**Se**	**78**	**50.824**	ug/L	0.820	1	12	2211	0	KED
	Y	**89**		ug/L			769736	794597	0	Standard
	Kr	**83**		ug/L			333	325	7	Standard
⌈>	**In-1**	**115**		ug/L			28597	28793	1	KED
⌈	**Mo**	**98**	**48.817**	ug/L	0.733	1	7	95985	1	KED
⌈	**Cd**	**111**	**49.137**	ug/L	0.733	1	3	21984	1	KED
⌊	**Cd**	**114**	**49.105**	ug/L	0.463	0	4	56855	0	KED
⌈>	**In**	**115**		ug/L			1441543	1404337	3	Standard
⌈	**Ag**	**107**	**47.888**	ug/L	0.960	2	67	963253	1	Standard
⌈	**Sb**	**121**	**47.046**	ug/L	1.078	2	516	1052104	1	Standard
⌈	**Sb**	**123**	**48.419**	ug/L	1.191	2	381	811136	1	Standard
⌈	**Ba**	**135**	**48.778**	ug/L	0.776	1	36	403994	2	Standard
⌊	**Ba**	**137**	**49.353**	ug/L	0.552	1	62	712057	2	Standard
⌈>	**Tb**	**159**		ug/L			2863138	3018931	0	Standard
⌈	**Tl**	**205**	**49.704**	ug/L	0.373	0	138	5274195	0	Standard
⌊	**Pb**	**208**	**47.837**	ug/L	0.571	1	429	6650374	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:22:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1257350	2	Standard
	Be	**9**	**-0.000**	ug/L	0.000	125	10	8	32	Standard
	C	**13**		ug/L			23506	25249	1	Standard
	Cl	**37**		ug/L			7416730	7762042	0	Standard
>	**Sc**	**45**		ug/L			1401241	1448882	1	Standard
	Al	**27**	**0.028**	ug/L	0.006	21	3581	4516	2	Standard
	V	**51**	**0.001**	ug/L	0.003	267	6210	6465	3	Standard
	V-1	**51**	**-0.024**	ug/L	0.001	2	1196	387	6	Standard
	Cr	**52**	**-0.010**	ug/L	0.006	59	18685	19012	2	Standard
	Cr	**53**	**-0.092**	ug/L	0.006	6	507	204	10	Standard
	Mn	**55**	**0.028**	ug/L	0.001	2	746	2118	2	Standard
>	**Ge**	**72**		ug/L			101529	102305	1	KED
	Ni	**60**	**0.014**	ug/L	0.003	23	17	42	13	KED
	Ni	**62**	**0.004**	ug/L	0.029	752	12	13	65	KED
	Cu	**63**	**0.005**	ug/L	0.001	12	76	102	3	KED
	Cu	**65**	**-0.002**	ug/L	0.003	154	49	45	15	KED
	Zn	**66**	**0.077**	ug/L	0.007	8	83	144	3	KED
	Zn	**67**	**0.053**	ug/L	0.066	123	12	19	43	KED
	As	**75**	**0.002**	ug/L	0.003	140	3	4	29	KED
	Se	**78**	**-0.022**	ug/L	0.044	202	12	11	17	KED
	Y	**89**		ug/L			769736	790175	1	Standard
	Kr	**83**		ug/L			333	331	4	Standard
>	**In-1**	**115**		ug/L			28597	29031	1	KED
	Mo	**98**	**0.005**	ug/L	0.002	52	7	16	27	KED
	Cd	**111**	**0.002**	ug/L	0.005	263	3	4	53	KED
	Cd	**114**	**-0.001**	ug/L	0.002	362	4	4	52	KED
>	**In**	**115**		ug/L			1441543	1420378	1	Standard
	Ag	**107**	**0.000**	ug/L	0.000	271	67	67	5	Standard
	Sb	**121**	**0.037**	ug/L	0.002	6	516	1341	4	Standard
	Sb	**123**	**0.037**	ug/L	0.005	13	381	1002	8	Standard
	Ba	**135**	**0.002**	ug/L	0.000	25	36	50	5	Standard
	Ba	**137**	**0.001**	ug/L	0.001	78	62	80	17	Standard
>	**Tb**	**159**		ug/L			2863138	2941938	1	Standard
	Tl	**205**	**0.001**	ug/L	0.000	7	138	269	2	Standard
	Pb	**208**	**0.005**	ug/L	0.000	4	429	1061	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-22
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:28:28

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1183241	2	Standard
	Be	**9**	**0.000**	ug/L	0.001	16076	10	10	53	Standard
	C	**13**		ug/L			23506	32572	1	Standard
	Cl	**37**		ug/L			7416730	7593309	1	Standard
>	**Sc**	**45**		ug/L			1401241	1359473	1	Standard
	Al	**27**	**9.031**	ug/L	0.041	0	3581	253896	1	Standard
	V	**51**	**0.438**	ug/L	0.010	2	6210	20479	0	Standard
	V-1	**51**	**0.442**	ug/L	0.008	1	1196	15811	0	Standard
	Cr	**52**	**0.379**	ug/L	0.010	2	18685	28957	0	Standard
	Cr	**53**	**0.392**	ug/L	0.004	1	507	1779	1	Standard
	Mn	**55**	**0.947**	ug/L	0.016	1	746	42973	0	Standard
>	**Ge**	**72**		ug/L			101529	93308	1	KED
	Ni	**60**	**0.236**	ug/L	0.020	8	17	408	7	KED
	Ni	**62**	**0.257**	ug/L	0.028	11	12	81	8	KED
	Cu	**63**	**0.862**	ug/L	0.016	1	76	4236	1	KED
	Cu	**65**	**0.895**	ug/L	0.026	2	49	2168	1	KED
	Zn	**66**	**0.132**	ug/L	0.001	0	83	172	0	KED
	Zn	**67**	**3.436**	ug/L	0.392	11	12	420	11	KED
	As	**75**	**1.016**	ug/L	0.017	1	3	357	2	KED
	Se	**78**	**0.226**	ug/L	0.115	51	12	20	23	KED
	Y	**89**		ug/L			769736	730371	0	Standard
	Kr	**83**		ug/L			333	314	3	Standard
>	**In-1**	**115**		ug/L			28597	26108	1	KED
	Mo	**98**	**75.073**	ug/L	0.088	0	7	133859	1	KED
	Cd	**111**	**0.021**	ug/L	0.006	26	3	11	18	KED
	Cd	**114**	**0.018**	ug/L	0.001	5	4	22	6	KED
>	**In**	**115**		ug/L			1441543	1238651	0	Standard
	Ag	**107**	**0.002**	ug/L	0.001	33	67	91	12	Standard
	Sb	**121**	**1.931**	ug/L	0.054	2	516	38533	2	Standard
	Sb	**123**	**2.036**	ug/L	0.033	1	381	30421	1	Standard
	Ba	**135**	**44.842**	ug/L	0.486	1	36	327699	0	Standard
	Ba	**137**	**45.225**	ug/L	0.375	0	62	575651	0	Standard
>	**Tb**	**159**		ug/L			2863138	2859928	0	Standard
	Tl	**205**	**0.011**	ug/L	0.001	6	138	1285	6	Standard
	Pb	**208**	**0.020**	ug/L	0.001	2	429	3039	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-18
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:33:25

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1264585	1	Standard
	Be	**9**	**0.001**	ug/L	0.001	78	10	17	26	Standard
	C	**13**		ug/L			23506	33727	0	Standard
	Cl	**37**		ug/L			7416730	7572393	0	Standard
>	**Sc**	**45**		ug/L			1401241	1510632	0	Standard
	Al	**27**	**0.581**	ug/L	0.012	2	3581	21761	1	Standard
	V	**51**	**0.121**	ug/L	0.007	5	6210	11138	2	Standard
	V-1	**51**	**0.103**	ug/L	0.003	3	1196	5079	2	Standard
	Cr	**52**	**0.026**	ug/L	0.016	61	18685	20968	3	Standard
	Cr	**53**	**-0.032**	ug/L	0.004	14	507	431	4	Standard
	Mn	**55**	**10.561**	ug/L	0.072	0	746	524431	1	Standard
>	**Ge**	**72**		ug/L			101529	103129	0	KED
	Ni	**60**	**0.275**	ug/L	0.010	3	17	523	2	KED
	Ni	**62**	**0.243**	ug/L	0.069	28	12	85	23	KED
	Cu	**63**	**0.077**	ug/L	0.009	12	76	488	9	KED
	Cu	**65**	**0.071**	ug/L	0.014	20	49	236	15	KED
	Zn	**66**	**0.190**	ug/L	0.002	1	83	236	0	KED
	Zn	**67**	**0.283**	ug/L	0.071	25	12	49	19	KED
	As	**75**	**0.046**	ug/L	0.004	8	3	21	6	KED
	Se	**78**	**0.073**	ug/L	0.091	123	12	15	23	KED
	Y	**89**		ug/L			769736	804596	1	Standard
	Kr	**83**		ug/L			333	335	9	Standard
>	**In-1**	**115**		ug/L			28597	29043	0	KED
	Mo	**98**	**0.017**	ug/L	0.002	11	7	40	9	KED
	Cd	**111**	**0.006**	ug/L	0.006	111	3	6	45	KED
	Cd	**114**	**0.001**	ug/L	0.008	517	4	6	135	KED
>	**In**	**115**		ug/L			1441543	1445657	0	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	16	67	44	8	Standard
	Sb	**121**	**-0.002**	ug/L	0.000	26	516	480	2	Standard
	Sb	**123**	**-0.002**	ug/L	0.001	81	381	351	6	Standard
	Ba	**135**	**1.311**	ug/L	0.030	2	36	11217	1	Standard
	Ba	**137**	**1.313**	ug/L	0.018	1	62	19569	1	Standard
>	**Tb**	**159**		ug/L			2863138	3018683	1	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	1301	138	144	10	Standard
	Pb	**208**	**0.002**	ug/L	0.000	6	429	715	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-DUP1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:38:22

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1286795	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	63	10	6	41	Standard
	C	**13**		ug/L			23506	33690	1	Standard
	Cl	**37**		ug/L			7416730	7697332	1	Standard
>	**Sc**	**45**		ug/L			1401241	1520437	0	Standard
	Al	**27**	**0.636**	ug/L	0.008	1	3581	23617	1	Standard
	V	**51**	**0.120**	ug/L	0.001	0	6210	11161	0	Standard
	V-1	**51**	**0.102**	ug/L	0.001	0	1196	5063	1	Standard
	Cr	**52**	**0.036**	ug/L	0.007	18	18685	21414	1	Standard
	Cr	**53**	**-0.022**	ug/L	0.002	9	507	469	1	Standard
	Mn	**55**	**10.369**	ug/L	0.076	0	746	518219	0	Standard
>	**Ge**	**72**		ug/L			101529	103032	0	KED
	Ni	**60**	**0.261**	ug/L	0.009	3	17	495	3	KED
	Ni	**62**	**0.212**	ug/L	0.047	22	12	76	18	KED
	Cu	**63**	**0.077**	ug/L	0.004	5	76	489	4	KED
	Cu	**65**	**0.078**	ug/L	0.008	10	49	254	8	KED
	Zn	**66**	**0.165**	ug/L	0.031	19	83	216	10	KED
	Zn	**67**	**0.284**	ug/L	0.053	18	12	49	13	KED
	As	**75**	**0.040**	ug/L	0.008	18	3	18	15	KED
	Se	**78**	**-0.010**	ug/L	0.055	563	12	12	20	KED
	Y	**89**		ug/L			769736	817392	0	Standard
	Kr	**83**		ug/L			333	313	8	Standard
>	**In-1**	**115**		ug/L			28597	29293	0	KED
	Mo	**98**	**0.007**	ug/L	0.003	46	7	21	30	KED
	Cd	**111**	**-0.002**	ug/L	0.002	107	3	2	43	KED
	Cd	**114**	**0.001**	ug/L	0.002	139	4	6	34	KED
>	**In**	**115**		ug/L			1441543	1424747	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	52	67	40	33	Standard
	Sb	**121**	**-0.003**	ug/L	0.001	38	516	444	4	Standard
	Sb	**123**	**0.000**	ug/L	0.001	488	381	380	4	Standard
	Ba	**135**	**1.324**	ug/L	0.062	4	36	11159	3	Standard
	Ba	**137**	**1.318**	ug/L	0.028	2	62	19346	1	Standard
>	**Tb**	**159**		ug/L			2863138	3047903	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	21	138	112	6	Standard
	Pb	**208**	**0.002**	ug/L	0.000	5	429	721	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-MS1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:43:19

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1273913	3	Standard
	Be	**9**	**4.886**	ug/L	0.057	1	10	40510	2	Standard
	C	**13**		ug/L			23506	33989	1	Standard
	Cl	**37**		ug/L			7416730	7730098	1	Standard
>	**Sc**	**45**		ug/L			1401241	1503535	0	Standard
	Al	**27**	**0.549**	ug/L	0.009	1	3581	20672	2	Standard
	V	**51**	**4.792**	ug/L	0.097	2	6210	181587	1	Standard
	V-1	**51**	**4.830**	ug/L	0.072	1	1196	178430	0	Standard
	Cr	**52**	**4.736**	ug/L	0.061	1	18685	169763	0	Standard
	Cr	**53**	**4.861**	ug/L	0.059	1	507	18173	1	Standard
	Mn	**55**	**14.935**	ug/L	0.094	0	746	737826	1	Standard
>	**Ge**	**72**		ug/L			101529	101954	0	KED
	Ni	**60**	**5.307**	ug/L	0.134	2	17	9641	1	KED
	Ni	**62**	**5.257**	ug/L	0.058	1	12	1583	0	KED
	Cu	**63**	**5.095**	ug/L	0.047	0	76	26972	0	KED
	Cu	**65**	**5.128**	ug/L	0.020	0	49	13347	0	KED
	Zn	**66**	**16.360**	ug/L	0.269	1	83	13027	1	KED
	Zn	**67**	**15.719**	ug/L	0.616	3	12	2056	3	KED
	As	**75**	**5.093**	ug/L	0.082	1	3	1942	1	KED
	Se	**78**	**16.936**	ug/L	0.527	3	12	739	2	KED
	Y	**89**		ug/L			769736	804183	1	Standard
	Kr	**83**		ug/L			333	307	10	Standard
>	**In-1**	**115**		ug/L			28597	28802	0	KED
	Mo	**98**	**0.013**	ug/L	0.007	52	7	32	40	KED
	Cd	**111**	**5.069**	ug/L	0.149	2	3	2272	3	KED
	Cd	**114**	**4.987**	ug/L	0.054	1	4	5781	0	KED
>	**In**	**115**		ug/L			1441543	1423022	1	Standard
	Ag	**107**	**4.816**	ug/L	0.019	0	67	98274	1	Standard
	Sb	**121**	**-0.009**	ug/L	0.000	5	516	304	2	Standard
	Sb	**123**	**-0.007**	ug/L	0.001	13	381	251	5	Standard
	Ba	**135**	**6.204**	ug/L	0.171	2	36	52101	1	Standard
	Ba	**137**	**6.182**	ug/L	0.132	2	62	90433	0	Standard
>	**Tb**	**159**		ug/L			2863138	3003279	1	Standard
	Tl	**205**	**4.721**	ug/L	0.076	1	138	498503	2	Standard
	Pb	**208**	**4.693**	ug/L	0.045	0	429	649452	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-MSD1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:49:16

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1290000	0	Standard
	Be	**9**	**4.948**	ug/L	0.030	0	10	41551	0	Standard
	C	**13**		ug/L			23506	33994	0	Standard
	Cl	**37**		ug/L			7416730	7755202	0	Standard
>	**Sc**	**45**		ug/L			1401241	1511895	0	Standard
	Al	**27**	**0.669**	ug/L	0.020	3	3581	24484	2	Standard
	V	**51**	**4.910**	ug/L	0.085	1	6210	186939	1	Standard
	V-1	**51**	**4.917**	ug/L	0.051	1	1196	182615	0	Standard
	Cr	**52**	**4.896**	ug/L	0.097	1	18685	175786	1	Standard
	Cr	**53**	**4.917**	ug/L	0.102	2	507	18480	1	Standard
	Mn	**55**	**15.158**	ug/L	0.191	1	746	752933	1	Standard
>	**Ge**	**72**		ug/L			101529	103808	1	KED
	Ni	**60**	**5.327**	ug/L	0.112	2	17	9854	0	KED
	Ni	**62**	**5.440**	ug/L	0.116	2	12	1668	3	KED
	Cu	**63**	**5.161**	ug/L	0.069	1	76	27814	0	KED
	Cu	**65**	**5.194**	ug/L	0.093	1	49	13763	1	KED
	Zn	**66**	**16.388**	ug/L	0.334	2	83	13284	0	KED
	Zn	**67**	**15.630**	ug/L	0.188	1	12	2082	2	KED
	As	**75**	**5.134**	ug/L	0.092	1	3	1993	0	KED
	Se	**78**	**17.035**	ug/L	0.312	1	12	757	3	KED
	Y	**89**		ug/L			769736	810589	1	Standard
	Kr	**83**		ug/L			333	325	4	Standard
>	**In-1**	**115**		ug/L			28597	28832	2	KED
	Mo	**98**	**0.008**	ug/L	0.007	83	7	23	58	KED
	Cd	**111**	**5.203**	ug/L	0.056	1	3	2334	1	KED
	Cd	**114**	**5.184**	ug/L	0.120	2	4	6013	1	KED
>	**In**	**115**		ug/L			1441543	1446048	3	Standard
	Ag	**107**	**4.989**	ug/L	0.067	1	67	103420	2	Standard
	Sb	**121**	**-0.011**	ug/L	0.000	1	516	267	3	Standard
	Sb	**123**	**-0.010**	ug/L	0.001	14	381	212	13	Standard
	Ba	**135**	**6.346**	ug/L	0.169	2	36	54142	1	Standard
	Ba	**137**	**6.371**	ug/L	0.111	1	62	94695	1	Standard
>	**Tb**	**159**		ug/L			2863138	3045750	0	Standard
	Tl	**205**	**4.781**	ug/L	0.032	0	138	512043	1	Standard
	Pb	**208**	**4.800**	ug/L	0.040	0	429	673622	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0207-03
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:57:13

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1298625	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	86	10	6	56	Standard
	C	**13**		ug/L			23506	33392	1	Standard
	Cl	**37**		ug/L			7416730	7945474	0	Standard
>	**Sc**	**45**		ug/L			1401241	1448958	1	Standard
	Al	**27**	**3.154**	ug/L	0.048	1	3581	96937	2	Standard
	V	**51**	**0.013**	ug/L	0.003	24	6210	6869	0	Standard
	V-1	**51**	**-0.018**	ug/L	0.001	6	1196	597	5	Standard
	Cr	**52**	**0.045**	ug/L	0.004	9	18685	20694	0	Standard
	Cr	**53**	**-0.055**	ug/L	0.004	7	507	332	5	Standard
	Mn	**55**	**0.060**	ug/L	0.002	3	746	3622	1	Standard
>	**Ge**	**72**		ug/L			101529	100048	1	KED
	Ni	**60**	**0.006**	ug/L	0.004	58	17	28	23	KED
	Ni	**62**	**-0.010**	ug/L	0.004	35	12	8	12	KED
	Cu	**63**	**0.024**	ug/L	0.001	2	76	197	2	KED
	Cu	**65**	**0.023**	ug/L	0.010	42	49	106	21	KED
	Zn	**66**	**0.113**	ug/L	0.021	18	83	169	8	KED
	Zn	**67**	**0.117**	ug/L	0.068	58	12	26	31	KED
	As	**75**	**0.007**	ug/L	0.004	59	3	5	25	KED
	Se	**78**	**0.030**	ug/L	0.068	228	12	13	19	KED
	Y	**89**		ug/L			769736	790156	0	Standard
	Kr	**83**		ug/L			333	314	12	Standard
>	**In-1**	**115**		ug/L			28597	28153	2	KED
	Mo	**98**	**-0.000**	ug/L	0.001	215	7	6	20	KED
	Cd	**111**	**0.000**	ug/L	0.004	7751	3	3	56	KED
	Cd	**114**	**-0.003**	ug/L	0.004	120	4	1	296	KED
>	**In**	**115**		ug/L			1441543	1424478	2	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	66	67	52	17	Standard
	Sb	**121**	**-0.006**	ug/L	0.001	20	516	364	9	Standard
	Sb	**123**	**-0.004**	ug/L	0.002	55	381	309	10	Standard
	Ba	**135**	**0.093**	ug/L	0.007	7	36	817	8	Standard
	Ba	**137**	**0.091**	ug/L	0.008	8	62	1386	6	Standard
>	**Tb**	**159**		ug/L			2863138	2942155	1	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	30	138	94	15	Standard
	Pb	**208**	**0.015**	ug/L	0.000	2	429	2422	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0207-01
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:06:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1194726	1166343	1	Standard
	Be	9	-0.000	ug/L	0.000	28	10	6	15	Standard
	C	13		ug/L			23506	37429	2	Standard
	Cl	37		ug/L			7416730	7205940	1	Standard
>	Sc	45		ug/L			1401241	1326926	1	Standard
	Al	27	620.426	ug/L	8.394	1	3581	16792575	0	Standard
	V	51	2.164	ug/L	0.006	0	6210	75607	1	Standard
	V-1	51	2.193	ug/L	0.007	0	1196	72121	1	Standard
	Cr	52	-0.008	ug/L	0.013	166	18685	17475	2	Standard
	Cr	53	0.118	ug/L	0.008	6	507	860	2	Standard
	Mn	55	0.649	ug/L	0.006	0	746	28980	2	Standard
>	Ge	72		ug/L			101529	86209	0	KED
	Ni	60	4.311	ug/L	0.050	1	17	6626	0	KED
	Ni	62	4.561	ug/L	0.084	1	12	1163	1	KED
	Cu	63	0.062	ug/L	0.007	11	76	342	8	KED
	Cu	65	0.052	ug/L	0.004	8	49	156	6	KED
	Zn	66	2.035	ug/L	0.132	6	83	1432	7	KED
	Zn	67	2.615	ug/L	0.062	2	12	297	2	KED
	As	75	27.680	ug/L	0.385	1	3	8916	2	KED
	Se	78	0.949	ug/L	0.169	17	12	45	13	KED
	Y	89		ug/L			769736	710348	1	Standard
	Kr	83		ug/L			333	306	5	Standard
>	In-1	115		ug/L			28597	25054	0	KED
	Mo	98	156.678	ug/L	1.810	1	7	268064	0	KED
	Cd	111	0.044	ug/L	0.003	5	3	20	5	KED
	Cd	114	0.030	ug/L	0.009	30	4	34	26	KED
>	In	115		ug/L			1441543	1162472	1	Standard
	Ag	107	-0.001	ug/L	0.000	28	67	38	13	Standard
	Sb	121	13.798	ug/L	0.422	3	516	255782	1	Standard
	Sb	123	14.286	ug/L	0.430	3	381	198379	1	Standard
	Ba	135	9.065	ug/L	0.049	0	36	62192	1	Standard
	Ba	137	9.135	ug/L	0.192	2	62	109148	1	Standard
>	Tb	159		ug/L			2863138	2851745	0	Standard
	Tl	205	0.000	ug/L	0.000	124	138	147	8	Standard
	Pb	208	0.464	ug/L	0.006	1	429	61353	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0207-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:15:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1194726	1337476	1	Standard
[	Be	9	-0.001	ug/L	0.000	40	10	5	57	Standard
	C	13		ug/L			23506	44450	0	Standard
	Cl	37		ug/L			7416730	7706345	0	Standard
[>	Sc	45		ug/L			1401241	1520285	1	Standard
[	Al	27	14.585	ug/L	0.145	0	3581	456110	0	Standard
[	V	51	0.022	ug/L	0.001	5	6210	7541	1	Standard
[	V-1	51	0.003	ug/L	0.001	39	1196	1425	2	Standard
[	Cr	52	0.143	ug/L	0.010	6	18685	24834	1	Standard
[	Cr	53	0.082	ug/L	0.006	7	507	850	1	Standard
[	Mn	55	0.253	ug/L	0.004	1	746	13455	1	Standard
[>	Ge	72		ug/L			101529	104566	2	KED
[	Ni	60	0.019	ug/L	0.002	10	17	53	8	KED
[	Ni	62	0.009	ug/L	0.034	373	12	15	69	KED
[	Cu	63	0.105	ug/L	0.003	3	76	645	4	KED
[	Cu	65	0.111	ug/L	0.007	5	49	347	3	KED
[	Zn	66	0.237	ug/L	0.092	38	83	278	28	KED
[	Zn	67	0.220	ug/L	0.081	36	12	41	27	KED
[	As	75	0.018	ug/L	0.007	38	3	10	26	KED
[	Se	78	0.004	ug/L	0.065	1586	12	13	19	KED
	Y	89		ug/L			769736	832745	0	Standard
	Kr	83		ug/L			333	353	6	Standard
[>	In-1	115		ug/L			28597	29973	1	KED
[	Mo	98	0.008	ug/L	0.004	47	7	24	34	KED
[	Cd	111	0.000	ug/L	0.004	1275	3	3	50	KED
[	Cd	114	-0.007	ug/L	0.003	46	4	-3	121	KED
[>	In	115		ug/L			1441543	1466990	1	Standard
[	Ag	107	0.000	ug/L	0.001	961	67	70	28	Standard
[	Sb	121	0.040	ug/L	0.003	8	516	1451	3	Standard
[	Sb	123	0.044	ug/L	0.004	9	381	1158	5	Standard
[	Ba	135	0.424	ug/L	0.001	0	36	3705	1	Standard
[	Ba	137	0.418	ug/L	0.018	4	62	6359	2	Standard
[>	Tb	159		ug/L			2863138	3105554	1	Standard
[	Tl	205	-0.000	ug/L	0.000	37	138	95	20	Standard
[	Pb	208	0.002	ug/L	0.001	28	429	810	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:22:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1277262	2	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	67	10	6	41	Standard
	C	**13**		ug/L			23506	27947	0	Standard
	Cl	**37**		ug/L			7416730	7844619	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1460941	1	Standard
⌈	**Al**	**27**	**0.063**	ug/L	0.003	5	3581	5595	0	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.004	304	6210	6520	1	Standard
⌈	**V-1**	**51**	**-0.026**	ug/L	0.000	1	1196	320	5	Standard
⌈	**Cr**	**52**	**-0.010**	ug/L	0.014	145	18685	19178	1	Standard
⌈	**Cr**	**53**	**-0.098**	ug/L	0.000	0	507	184	1	Standard
⌊	**Mn**	**55**	**0.027**	ug/L	0.001	1	746	2080	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	102082	0	KED
⌈	**Ni**	**60**	**0.003**	ug/L	0.004	134	17	22	28	KED
⌈	**Ni**	**62**	**-0.002**	ug/L	0.007	282	12	11	16	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.003	101	76	90	15	KED
⌈	**Cu**	**65**	**-0.003**	ug/L	0.001	38	49	43	5	KED
⌈	**Zn**	**66**	**0.172**	ug/L	0.024	13	83	219	9	KED
⌈	**Zn**	**67**	**0.190**	ug/L	0.065	34	12	36	23	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.003	6547	3	3	28	KED
⌊	**Se**	**78**	**0.049**	ug/L	0.043	87	12	14	12	KED
	Y	**89**		ug/L			769736	798730	1	Standard
	Kr	**83**		ug/L			333	337	0	Standard
⌈>	**In-1**	**115**		ug/L			28597	28660	0	KED
⌈	**Mo**	**98**	**-0.001**	ug/L	0.001	95	7	4	63	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.002	59	3	1	50	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	47	4	2	54	KED
⌈>	**In**	**115**		ug/L			1441543	1408238	1	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	87	67	45	39	Standard
⌈	**Sb**	**121**	**-0.019**	ug/L	0.000	0	516	77	3	Standard
⌈	**Sb**	**123**	**-0.018**	ug/L	0.000	2	381	66	9	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.001	40	36	60	16	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.000	6	62	88	3	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2969177	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	12	138	57	20	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	9	429	705	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:26:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1256690	1	Standard
⌊	**Be**	**9**	**48.085**	ug/L	0.460	0	10	393332	1	Standard
	C	**13**		ug/L			23506	27416	2	Standard
	Cl	**37**		ug/L			7416730	7985795	1	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1473109	1	Standard
⌈	**Al**	**27**	**4989.363**	ug/L	112.675	2	3581	149898467	1	Standard
⌊	**V**	**51**	**47.238**	ug/L	0.684	1	6210	1695962	0	Standard
⌈	**V-1**	**51**	**47.496**	ug/L	0.812	1	1196	1707782	0	Standard
⌊	**Cr**	**52**	**47.686**	ug/L	0.133	0	18685	1496625	1	Standard
⌈	**Cr**	**53**	**48.511**	ug/L	0.541	1	507	172898	0	Standard
⌊	**Mn**	**55**	**50.890**	ug/L	0.270	0	746	2461132	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	103834	0	KED
⌈	**Ni**	**60**	**48.061**	ug/L	0.027	0	17	88790	0	KED
⌊	**Ni**	**62**	**48.307**	ug/L	0.535	1	12	14720	1	KED
⌈	**Cu**	**63**	**48.229**	ug/L	0.486	1	76	259393	1	KED
⌊	**Cu**	**65**	**48.648**	ug/L	0.307	0	49	128527	0	KED
⌈	**Zn**	**66**	**48.302**	ug/L	0.529	1	83	39006	0	KED
⌊	**Zn**	**67**	**50.468**	ug/L	0.411	0	12	6696	0	KED
⌈	**As**	**75**	**49.054**	ug/L	0.212	0	3	19028	1	KED
⌊	**Se**	**78**	**49.790**	ug/L	0.734	1	12	2188	1	KED
	Y	**89**		ug/L			769736	809237	0	Standard
	Kr	**83**		ug/L			333	339	3	Standard
⌈>	**In-1**	**115**		ug/L			28597	28774	0	KED
⌈	**Mo**	**98**	**49.008**	ug/L	0.159	0	7	96308	0	KED
⌊	**Cd**	**111**	**49.626**	ug/L	0.599	1	3	22190	1	KED
⌊	**Cd**	**114**	**49.153**	ug/L	0.955	1	4	56879	2	KED
⌈>	**In**	**115**		ug/L			1441543	1451050	2	Standard
⌈	**Ag**	**107**	**47.764**	ug/L	0.883	1	67	992855	1	Standard
⌈	**Sb**	**121**	**47.091**	ug/L	1.324	2	516	1088210	1	Standard
⌊	**Sb**	**123**	**48.266**	ug/L	0.754	1	381	835758	1	Standard
⌈	**Ba**	**135**	**48.555**	ug/L	1.371	2	36	415499	1	Standard
⌊	**Ba**	**137**	**48.466**	ug/L	0.748	1	62	722497	1	Standard
⌈>	**Tb**	**159**		ug/L			2863138	3122053	1	Standard
⌈	**Tl**	**205**	**49.602**	ug/L	0.074	0	138	5443302	1	Standard
⌊	**Pb**	**208**	**47.672**	ug/L	0.482	1	429	6853080	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:35:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1243230	1	Standard
	Be	**9**	**0.003**	ug/L	0.006	172	10	38	122	Standard
	C	**13**		ug/L			23506	24896	0	Standard
	Cl	**37**		ug/L			7416730	7717970	0	Standard
>	**Sc**	**45**		ug/L			1401241	1460097	0	Standard
	Al	**27**	**0.346**	ug/L	0.544	157	3581	14096	115	Standard
	V	**51**	**0.000**	ug/L	0.002	492	6210	6487	1	Standard
	V-1	**51**	**-0.025**	ug/L	0.004	16	1196	360	42	Standard
	Cr	**52**	**-0.017**	ug/L	0.007	42	18685	18961	0	Standard
	Cr	**53**	**-0.098**	ug/L	0.003	3	507	183	6	Standard
	Mn	**55**	**0.023**	ug/L	0.005	20	746	1902	12	Standard
>	**Ge**	**72**		ug/L			101529	101096	1	KED
	Ni	**60**	**0.008**	ug/L	0.004	46	17	31	21	KED
	Ni	**62**	**-0.008**	ug/L	0.013	159	12	9	40	KED
	Cu	**63**	**0.005**	ug/L	0.001	20	76	103	6	KED
	Cu	**65**	**0.000**	ug/L	0.003	939	49	50	15	KED
	Zn	**66**	**0.111**	ug/L	0.017	15	83	170	6	KED
	Zn	**67**	**0.158**	ug/L	0.049	30	12	32	20	KED
	As	**75**	**-0.005**	ug/L	0.004	76	3	1	100	KED
	Se	**78**	**0.021**	ug/L	0.068	320	12	13	21	KED
	Y	**89**		ug/L			769736	787421	1	Standard
	Kr	**83**		ug/L			333	310	8	Standard
>	**In-1**	**115**		ug/L			28597	29348	2	KED
	Mo	**98**	**0.007**	ug/L	0.003	38	7	21	25	KED
	Cd	**111**	**-0.002**	ug/L	0.003	214	3	2	57	KED
	Cd	**114**	**0.001**	ug/L	0.003	613	4	5	69	KED
>	**In**	**115**		ug/L			1441543	1412677	2	Standard
	Ag	**107**	**0.002**	ug/L	0.005	218	67	107	84	Standard
	Sb	**121**	**0.037**	ug/L	0.006	15	516	1332	8	Standard
	Sb	**123**	**0.040**	ug/L	0.007	18	381	1040	10	Standard
	Ba	**135**	**0.007**	ug/L	0.006	91	36	90	54	Standard
	Ba	**137**	**0.006**	ug/L	0.008	134	62	147	78	Standard
>	**Tb**	**159**		ug/L			2863138	2993799	1	Standard
	Tl	**205**	**0.004**	ug/L	0.007	156	138	594	117	Standard
	Pb	**208**	**0.010**	ug/L	0.006	63	429	1787	46	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:44:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L				1274673	0	Standard
	Be	**9**		ug/L				10	26	Standard
	C	**13**		ug/L				23319	1	Standard
	Cl	**37**		ug/L				7703668	0	Standard
>	**Sc**	**45**		ug/L				1469921	1	Standard
	Al	**27**		ug/L				3506	5	Standard
	V	**51**		ug/L				6451	1	Standard
	V-1	**51**		ug/L				292	2	Standard
	Cr	**52**		ug/L				18849	1	Standard
	Cr	**53**		ug/L				160	2	Standard
	Mn	**55**		ug/L				1532	3	Standard
>	**Ge**	**72**		ug/L				100573	2	KED
	Ni	**60**		ug/L				23	41	KED
	Ni	**62**		ug/L				6	86	KED
	Cu	**63**		ug/L				98	8	KED
	Cu	**65**		ug/L				45	44	KED
	Zn	**66**		ug/L				73	5	KED
	Zn	**67**		ug/L				12	39	KED
	As	**75**		ug/L				4	11	KED
	Se	**78**		ug/L				13	14	KED
	Y	**89**		ug/L				804838	0	Standard
	Kr	**83**		ug/L				330	6	Standard
>	**In-1**	**115**		ug/L				28284	2	KED
	Mo	**98**		ug/L				7	37	KED
	Cd	**111**		ug/L				3	43	KED
	Cd	**114**		ug/L				3	32	KED
>	**In**	**115**		ug/L				1438888	2	Standard
	Ag	**107**		ug/L				55	5	Standard
	Sb	**121**		ug/L				380	10	Standard
	Sb	**123**		ug/L				357	3	Standard
	Ba	**135**		ug/L				38	32	Standard
	Ba	**137**		ug/L				69	5	Standard
>	**Tb**	**159**		ug/L				3033563	0	Standard
	Tl	**205**		ug/L				71	12	Standard
	Pb	**208**		ug/L				536	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:49:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1276130	3	Standard
⌊	**Be**	**9**	**46.687**	ug/L	1.191	2	10	387565	2	Standard
	C	**13**		ug/L			23319	25171	0	Standard
	Cl	**37**		ug/L			7703668	7976132	1	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1467715	2	Standard
⌈	**Al**	**27**	**4966.001**	ug/L	84.898	1	3506	148655211	2	Standard
⌈	**V**	**51**	**47.613**	ug/L	0.806	1	6451	1702856	0	Standard
⌈	**V-1**	**51**	**47.944**	ug/L	0.849	1	292	1716503	1	Standard
⌈	**Cr**	**52**	**47.461**	ug/L	1.104	2	18849	1483000	0	Standard
⌈	**Cr**	**53**	**48.532**	ug/L	0.990	2	160	171943	1	Standard
⌊	**Mn**	**55**	**50.046**	ug/L	0.854	1	1532	2411767	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	102511	0	KED
⌈	**Ni**	**60**	**48.235**	ug/L	0.689	1	23	87978	0	KED
⌈	**Ni**	**62**	**47.832**	ug/L	0.736	1	6	14385	1	KED
⌈	**Cu**	**63**	**49.348**	ug/L	0.230	0	98	262037	0	KED
⌈	**Cu**	**65**	**49.343**	ug/L	0.449	0	45	128700	0	KED
⌈	**Zn**	**66**	**49.323**	ug/L	0.229	0	73	39313	0	KED
⌈	**Zn**	**67**	**49.618**	ug/L	0.519	1	12	6499	0	KED
⌈	**As**	**75**	**49.248**	ug/L	0.200	0	4	18860	0	KED
⌊	**Se**	**78**	**49.802**	ug/L	0.254	0	13	2162	0	KED
	Y	**89**		ug/L			804838	810732	0	Standard
	Kr	**83**		ug/L			330	307	1	Standard
⌈>	**In-1**	**115**		ug/L			28284	28751	0	KED
⌈	**Mo**	**98**	**47.975**	ug/L	0.381	0	7	94201	0	KED
⌈	**Cd**	**111**	**49.084**	ug/L	0.755	1	3	21930	1	KED
⌊	**Cd**	**114**	**49.079**	ug/L	0.330	0	3	56747	1	KED
⌈>	**In**	**115**		ug/L			1438888	1460324	1	Standard
⌈	**Ag**	**107**	**47.744**	ug/L	0.810	1	55	999000	0	Standard
⌈	**Sb**	**121**	**46.211**	ug/L	1.502	3	380	1074869	2	Standard
⌈	**Sb**	**123**	**47.968**	ug/L	1.165	2	357	835968	1	Standard
⌈	**Ba**	**135**	**47.224**	ug/L	1.349	2	38	406811	2	Standard
⌊	**Ba**	**137**	**47.396**	ug/L	1.530	3	69	711116	2	Standard
⌈>	**Tb**	**159**		ug/L			3033563	3067965	0	Standard
⌈	**Tl**	**205**	**49.768**	ug/L	0.285	0	71	5366785	0	Standard
⌊	**Pb**	**208**	**47.808**	ug/L	0.369	0	536	6754371	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:56:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1235518	4	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	242	10	8	44	Standard
	C	**13**		ug/L			23319	22878	2	Standard
	Cl	**37**		ug/L			7703668	7679531	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1436560	4	Standard
⌈	**Al**	**27**	**0.036**	ug/L	0.006	18	3506	4466	2	Standard
⌈	**V**	**51**	**-0.002**	ug/L	0.005	283	6451	6231	1	Standard
⌈	**V-1**	**51**	**-0.000**	ug/L	0.000	172	292	276	6	Standard
⌈	**Cr**	**52**	**0.001**	ug/L	0.020	1481	18849	18443	1	Standard
⌈	**Cr**	**53**	**0.007**	ug/L	0.005	71	160	179	8	Standard
⌊	**Mn**	**55**	**-0.002**	ug/L	0.001	74	1532	1401	3	Standard
⌈>	**Ge**	**72**		ug/L			100573	102950	1	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.003	160	23	20	30	KED
⌈	**Ni**	**62**	**0.016**	ug/L	0.033	201	6	11	86	KED
⌈	**Cu**	**63**	**-0.002**	ug/L	0.002	119	98	92	10	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.006	478	45	43	35	KED
⌈	**Zn**	**66**	**0.041**	ug/L	0.029	72	73	107	21	KED
⌈	**Zn**	**67**	**0.032**	ug/L	0.061	191	12	16	48	KED
⌈	**As**	**75**	**0.001**	ug/L	0.001	89	4	5	9	KED
⌊	**Se**	**78**	**-0.011**	ug/L	0.032	308	13	13	9	KED
	Y	**89**		ug/L			804838	788405	3	Standard
	Kr	**83**		ug/L			330	330	1	Standard
⌈>	**In-1**	**115**		ug/L			28284	29319	1	KED
⌈	**Mo**	**98**	**0.003**	ug/L	0.003	104	7	13	41	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.005	129	3	2	98	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	383	3	2	121	KED
⌈>	**In**	**115**		ug/L			1438888	1424133	5	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	79	55	72	20	Standard
⌈	**Sb**	**121**	**0.048**	ug/L	0.003	5	380	1473	3	Standard
⌈	**Sb**	**123**	**0.043**	ug/L	0.002	3	357	1091	3	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	817	38	36	21	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	179	69	59	19	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2935173	2	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	6	71	430	8	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	28	536	690	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:01:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1265527	0	Standard
	Be	9	-0.001	ug/L	0.001	86	10	5	94	Standard
	C	13		ug/L			23319	53090	1	Standard
	Cl	37		ug/L			7703668	7629269	0	Standard
>	Sc	45		ug/L			1469921	1453299	0	Standard
	Al	27	2.041	ug/L	0.028	1	3506	63960	1	Standard
	V	51	0.014	ug/L	0.004	30	6451	6881	2	Standard
	V-1	51	0.006	ug/L	0.000	8	292	503	4	Standard
	Cr	52	0.092	ug/L	0.011	12	18849	21453	1	Standard
	Cr	53	0.065	ug/L	0.004	6	160	384	4	Standard
	Mn	55	0.107	ug/L	0.003	3	1532	6598	2	Standard
>	Ge	72		ug/L			100573	102371	0	KED
	Ni	60	0.018	ug/L	0.005	27	23	57	15	KED
	Ni	62	0.031	ug/L	0.003	10	6	15	6	KED
	Cu	63	0.022	ug/L	0.002	10	98	217	4	KED
	Cu	65	0.023	ug/L	0.008	34	45	106	19	KED
	Zn	66	0.371	ug/L	0.012	3	73	369	2	KED
	Zn	67	0.349	ug/L	0.070	20	12	57	15	KED
	As	75	-0.001	ug/L	0.006	933	4	4	48	KED
	Se	78	-0.023	ug/L	0.039	169	13	12	12	KED
	Y	89		ug/L			804838	803848	0	Standard
	Kr	83		ug/L			330	309	4	Standard
>	In-1	115		ug/L			28284	28898	1	KED
	Mo	98	0.004	ug/L	0.000	2	7	16	2	KED
	Cd	111	-0.002	ug/L	0.002	146	3	3	34	KED
	Cd	114	0.003	ug/L	0.004	152	3	6	78	KED
>	In	115		ug/L			1438888	1414237	0	Standard
	Ag	107	0.000	ug/L	0.000	130	55	60	13	Standard
	Sb	121	0.019	ug/L	0.001	6	380	801	4	Standard
	Sb	123	0.014	ug/L	0.002	12	357	589	4	Standard
	Ba	135	0.010	ug/L	0.001	11	38	123	8	Standard
	Ba	137	0.010	ug/L	0.001	6	69	209	4	Standard
>	Tb	159		ug/L			3033563	3032858	0	Standard
	Tl	205	0.001	ug/L	0.000	20	71	213	12	Standard
	Pb	208	0.001	ug/L	0.000	22	536	704	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:05:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1268010	0	Standard
	Be	**9**	**23.916**	ug/L	0.343	1	10	197370	0	Standard
	C	**13**		ug/L			23319	63359	0	Standard
	Cl	**37**		ug/L			7703668	7908864	0	Standard
>	**Sc**	**45**		ug/L			1469921	1468342	1	Standard
	Al	**27**	**4995.902**	ug/L	53.561	1	3506	149608383	0	Standard
	V	**51**	**23.058**	ug/L	0.163	0	6451	828444	0	Standard
	V-1	**51**	**23.254**	ug/L	0.258	1	292	833107	0	Standard
	Cr	**52**	**23.398**	ug/L	0.169	0	18849	741243	2	Standard
	Cr	**53**	**24.026**	ug/L	0.249	1	160	85251	1	Standard
	Mn	**55**	**23.779**	ug/L	0.365	1	1532	1147554	2	Standard
>	**Ge**	**72**		ug/L			100573	103551	0	KED
	Ni	**60**	**23.735**	ug/L	0.139	0	23	43744	0	KED
	Ni	**62**	**23.848**	ug/L	0.654	2	6	7246	2	KED
	Cu	**63**	**23.710**	ug/L	0.470	1	98	127219	1	KED
	Cu	**65**	**23.705**	ug/L	0.152	0	45	62481	0	KED
	Zn	**66**	**76.784**	ug/L	0.209	0	73	61780	0	KED
	Zn	**67**	**74.082**	ug/L	0.418	0	12	9797	0	KED
	As	**75**	**23.822**	ug/L	0.274	1	4	9217	0	KED
	Se	**78**	**76.962**	ug/L	0.974	1	13	3368	1	KED
	Y	**89**		ug/L			804838	800502	1	Standard
	Kr	**83**		ug/L			330	303	8	Standard
>	**In-1**	**115**		ug/L			28284	28515	1	KED
	Mo	**98**	**0.005**	ug/L	0.003	49	7	18	26	KED
	Cd	**111**	**24.584**	ug/L	0.479	1	3	10896	2	KED
	Cd	**114**	**24.335**	ug/L	0.227	0	3	27904	1	KED
>	**In**	**115**		ug/L			1438888	1430435	1	Standard
	Ag	**107**	**23.274**	ug/L	0.275	1	55	477064	0	Standard
	Sb	**121**	**0.031**	ug/L	0.002	6	380	1094	4	Standard
	Sb	**123**	**0.026**	ug/L	0.002	6	357	802	2	Standard
	Ba	**135**	**23.874**	ug/L	0.372	1	38	201486	0	Standard
	Ba	**137**	**24.155**	ug/L	0.306	1	69	355078	0	Standard
>	**Tb**	**159**		ug/L			3033563	3102509	0	Standard
	Tl	**205**	**24.986**	ug/L	0.079	0	71	2724831	0	Standard
	Pb	**208**	**22.145**	ug/L	0.425	1	536	3163835	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:10:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1242965	2	Standard
	Be	9	0.000	ug/L	0.001	598	10	11	50	Standard
	C	13		ug/L			23319	50517	1	Standard
	Cl	37		ug/L			7703668	7633643	1	Standard
>	Sc	45		ug/L			1469921	1433441	0	Standard
	Al	27	1.094	ug/L	0.022	2	3506	35390	1	Standard
	V	51	0.018	ug/L	0.002	10	6451	6925	0	Standard
	V-1	51	0.013	ug/L	0.000	2	292	756	1	Standard
	Cr	52	0.168	ug/L	0.005	2	18849	23455	0	Standard
	Cr	53	0.151	ug/L	0.003	2	160	677	2	Standard
	Mn	55	0.622	ug/L	0.003	0	1532	30734	0	Standard
>	Ge	72		ug/L			100573	99840	1	KED
	Ni	60	0.013	ug/L	0.007	52	23	46	24	KED
	Ni	62	0.022	ug/L	0.017	76	6	12	37	KED
	Cu	63	0.024	ug/L	0.010	41	98	221	22	KED
	Cu	65	0.027	ug/L	0.006	21	45	114	14	KED
	Zn	66	0.389	ug/L	0.010	2	73	374	3	KED
	Zn	67	0.459	ug/L	0.041	8	12	70	8	KED
	As	75	-0.000	ug/L	0.004	965	4	4	32	KED
	Se	78	0.031	ug/L	0.100	328	13	14	28	KED
	Y	89		ug/L			804838	792076	1	Standard
	Kr	83		ug/L			330	320	7	Standard
>	In-1	115		ug/L			28284	27830	0	KED
	Mo	98	0.013	ug/L	0.004	27	7	33	21	KED
	Cd	111	-0.004	ug/L	0.002	51	3	1	50	KED
	Cd	114	-0.003	ug/L	0.002	73	3	0	553	KED
>	In	115		ug/L			1438888	1408311	1	Standard
	Ag	107	0.001	ug/L	0.000	26	55	75	8	Standard
	Sb	121	-0.000	ug/L	0.001	179	380	363	3	Standard
	Sb	123	-0.004	ug/L	0.001	31	357	289	6	Standard
	Ba	135	0.004	ug/L	0.002	50	38	67	21	Standard
	Ba	137	0.003	ug/L	0.001	15	69	116	6	Standard
>	Tb	159		ug/L			3033563	2963890	0	Standard
	Tl	205	0.001	ug/L	0.000	18	71	166	9	Standard
	Pb	208	0.000	ug/L	0.000	123	536	549	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:14:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1264898	3	Standard
	Be	9	23.308	ug/L	0.772	3	10	191760	0	Standard
	C	13		ug/L			23319	62790	0	Standard
	Cl	37		ug/L			7703668	7812198	0	Standard
>	Sc	45		ug/L			1469921	1457978	1	Standard
	Al	27	5050.138	ug/L	52.661	1	3506	150189526	1	Standard
	V	51	23.259	ug/L	0.086	0	6451	829804	1	Standard
	V-1	51	23.510	ug/L	0.126	0	292	836469	1	Standard
	Cr	52	23.862	ug/L	0.147	0	18849	750174	0	Standard
	Cr	53	24.664	ug/L	0.048	0	160	86900	0	Standard
	Mn	55	24.269	ug/L	0.120	0	1532	1162790	0	Standard
>	Ge	72		ug/L			100573	100660	0	KED
	Ni	60	24.609	ug/L	0.249	1	23	44087	0	KED
	Ni	62	24.116	ug/L	0.157	0	6	7124	0	KED
	Cu	63	24.531	ug/L	0.142	0	98	127953	0	KED
	Cu	65	24.458	ug/L	0.317	1	45	62661	0	KED
	Zn	66	79.384	ug/L	0.435	0	73	62085	0	KED
	Zn	67	76.320	ug/L	1.197	1	12	9811	2	KED
	As	75	24.593	ug/L	0.303	1	4	9250	0	KED
	Se	78	79.809	ug/L	0.632	0	13	3395	0	KED
	Y	89		ug/L			804838	801349	2	Standard
	Kr	83		ug/L			330	328	2	Standard
>	In-1	115		ug/L			28284	27713	1	KED
	Mo	98	0.011	ug/L	0.001	4	7	29	4	KED
	Cd	111	25.384	ug/L	0.066	0	3	10934	1	KED
	Cd	114	25.290	ug/L	0.190	0	3	28185	1	KED
>	In	115		ug/L			1438888	1402615	1	Standard
	Ag	107	23.879	ug/L	0.351	1	55	479950	1	Standard
	Sb	121	0.039	ug/L	0.003	6	380	1246	4	Standard
	Sb	123	0.035	ug/L	0.003	9	357	940	4	Standard
	Ba	135	24.715	ug/L	0.272	1	38	204520	0	Standard
	Ba	137	24.636	ug/L	0.162	0	69	355124	1	Standard
>	Tb	159		ug/L			3033563	3070447	0	Standard
	Tl	205	25.234	ug/L	0.323	1	71	2723293	0	Standard
	Pb	208	22.393	ug/L	0.360	1	536	3166396	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-40
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:19:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1254203	0	Standard
	Be	9	0.001	ug/L	0.001	150	10	16	53	Standard
	C	13		ug/L			23319	44164	0	Standard
	Cl	37		ug/L			7703668	7616956	0	Standard
>	Sc	45		ug/L			1469921	1444752	2	Standard
	Al	27	1.585	ug/L	0.028	1	3506	50132	1	Standard
	V	51	0.010	ug/L	0.003	28	6451	6676	1	Standard
	V-1	51	0.008	ug/L	0.001	7	292	573	5	Standard
	Cr	52	0.168	ug/L	0.011	6	18849	23623	0	Standard
	Cr	53	0.161	ug/L	0.006	3	160	717	3	Standard
	Mn	55	0.027	ug/L	0.003	10	1532	2804	4	Standard
>	Ge	72		ug/L			100573	101005	2	KED
	Ni	60	0.179	ug/L	0.009	4	23	344	6	KED
	Ni	62	0.197	ug/L	0.022	11	6	64	7	KED
	Cu	63	0.064	ug/L	0.007	11	98	431	8	KED
	Cu	65	0.056	ug/L	0.008	14	45	189	10	KED
	Zn	66	0.347	ug/L	0.021	6	73	345	3	KED
	Zn	67	0.231	ug/L	0.044	19	12	41	13	KED
	As	75	0.000	ug/L	0.003	897	4	4	26	KED
	Se	78	-0.026	ug/L	0.044	167	13	12	12	KED
	Y	89		ug/L			804838	775367	1	Standard
	Kr	83		ug/L			330	323	1	Standard
>	In-1	115		ug/L			28284	28050	1	KED
	Mo	98	0.000	ug/L	0.002	502	7	8	45	KED
	Cd	111	-0.001	ug/L	0.003	236	3	3	45	KED
	Cd	114	0.004	ug/L	0.004	94	3	7	54	KED
>	In	115		ug/L			1438888	1382033	1	Standard
	Ag	107	-0.000	ug/L	0.001	245	55	48	22	Standard
	Sb	121	0.007	ug/L	0.002	26	380	509	6	Standard
	Sb	123	0.003	ug/L	0.001	43	357	390	3	Standard
	Ba	135	0.009	ug/L	0.002	23	38	111	16	Standard
	Ba	137	0.010	ug/L	0.002	23	69	201	14	Standard
>	Tb	159		ug/L			3033563	2957838	0	Standard
	Tl	205	0.001	ug/L	0.000	25	71	150	14	Standard
	Pb	208	0.006	ug/L	0.000	2	536	1300	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-20
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:23:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1261000	1	Standard
	Be	9	-0.000	ug/L	0.000	65	10	7	25	Standard
	C	13		ug/L			23319	44609	1	Standard
	Cl	37		ug/L			7703668	7431270	0	Standard
>	Sc	45		ug/L			1469921	1458446	0	Standard
	Al	27	1.600	ug/L	0.011	0	3506	51089	1	Standard
	V	51	0.016	ug/L	0.006	35	6451	6949	1	Standard
	V-1	51	0.015	ug/L	0.000	3	292	809	3	Standard
	Cr	52	0.163	ug/L	0.008	4	18849	23688	0	Standard
	Cr	53	0.157	ug/L	0.013	7	160	713	7	Standard
	Mn	55	0.209	ug/L	0.002	0	1532	11511	1	Standard
>	Ge	72		ug/L			100573	101725	1	KED
	Ni	60	0.074	ug/L	0.004	5	23	158	3	KED
	Ni	62	0.074	ug/L	0.032	43	6	28	35	KED
	Cu	63	0.420	ug/L	0.007	1	98	2309	1	KED
	Cu	65	0.426	ug/L	0.023	5	45	1148	5	KED
	Zn	66	0.263	ug/L	0.016	6	73	281	4	KED
	Zn	67	0.288	ug/L	0.059	20	12	49	13	KED
	As	75	-0.004	ug/L	0.003	69	4	3	39	KED
	Se	78	0.019	ug/L	0.040	213	13	14	12	KED
	Y	89		ug/L			804838	791090	0	Standard
	Kr	83		ug/L			330	336	8	Standard
>	In-1	115		ug/L			28284	28270	1	KED
	Mo	98	0.004	ug/L	0.003	80	7	14	36	KED
	Cd	111	-0.001	ug/L	0.005	327	3	3	62	KED
	Cd	114	0.000	ug/L	0.003	778	3	3	110	KED
>	In	115		ug/L			1438888	1423689	2	Standard
	Ag	107	0.000	ug/L	0.001	262	55	59	21	Standard
	Sb	121	0.027	ug/L	0.002	8	380	993	3	Standard
	Sb	123	0.025	ug/L	0.003	11	357	785	7	Standard
	Ba	135	0.017	ug/L	0.002	8	38	180	9	Standard
	Ba	137	0.016	ug/L	0.002	14	69	297	11	Standard
>	Tb	159		ug/L			3033563	2974420	1	Standard
	Tl	205	0.000	ug/L	0.000	22	71	81	4	Standard
	Pb	208	0.001	ug/L	0.000	17	536	723	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-36
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:28:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1271677	1	Standard
	Be	9	0.001	ug/L	0.000	53	10	15	18	Standard
	C	13		ug/L			23319	47800	0	Standard
	Cl	37		ug/L			7703668	7206616	0	Standard
>	Sc	45		ug/L			1469921	1535610	1	Standard
	Al	27	17.584	ug/L	0.124	0	3506	554386	1	Standard
	V	51	0.236	ug/L	0.004	1	6451	15537	0	Standard
	V-1	51	0.239	ug/L	0.004	1	292	9270	1	Standard
	Cr	52	0.145	ug/L	0.006	4	18849	24385	0	Standard
	Cr	53	0.158	ug/L	0.003	1	160	751	0	Standard
	Mn	55	1.216	ug/L	0.012	0	1532	62876	2	Standard
>	Ge	72		ug/L			100573	101151	1	KED
	Ni	60	0.159	ug/L	0.012	7	23	310	8	KED
	Ni	62	0.169	ug/L	0.028	16	6	56	15	KED
	Cu	63	0.622	ug/L	0.007	1	98	3355	1	KED
	Cu	65	0.615	ug/L	0.011	1	45	1628	1	KED
	Zn	66	1.068	ug/L	0.043	4	73	912	2	KED
	Zn	67	1.295	ug/L	0.221	17	12	179	14	KED
	As	75	0.531	ug/L	0.020	3	4	205	2	KED
	Se	78	0.044	ug/L	0.015	33	13	15	3	KED
	Y	89		ug/L			804838	805123	1	Standard
	Kr	83		ug/L			330	309	6	Standard
>	In-1	115		ug/L			28284	28719	0	KED
	Mo	98	0.370	ug/L	0.001	0	7	733	0	KED
	Cd	111	0.011	ug/L	0.007	58	3	8	32	KED
	Cd	114	0.015	ug/L	0.006	37	3	20	31	KED
>	In	115		ug/L			1438888	1428442	1	Standard
	Ag	107	0.001	ug/L	0.000	35	55	69	6	Standard
	Sb	121	0.057	ug/L	0.004	6	380	1662	3	Standard
	Sb	123	0.054	ug/L	0.002	3	357	1280	1	Standard
	Ba	135	3.815	ug/L	0.021	0	38	32188	0	Standard
	Ba	137	3.813	ug/L	0.080	2	69	56030	2	Standard
>	Tb	159		ug/L			3033563	3069630	1	Standard
	Tl	205	0.002	ug/L	0.000	3	71	246	3	Standard
	Pb	208	0.018	ug/L	0.000	1	536	3064	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-41
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:33:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1259036	2	Standard
	Be	9	0.000	ug/L	0.000	58	10	14	15	Standard
	C	13		ug/L			23319	46682	1	Standard
	Cl	37		ug/L			7703668	7141310	0	Standard
>	Sc	45		ug/L			1469921	1495846	1	Standard
	Al	27	18.868	ug/L	0.142	0	3506	579185	1	Standard
	V	51	0.232	ug/L	0.003	1	6451	14979	0	Standard
	V-1	51	0.238	ug/L	0.005	2	292	8982	0	Standard
	Cr	52	0.217	ug/L	0.014	6	18849	25990	1	Standard
	Cr	53	0.237	ug/L	0.012	4	160	1019	2	Standard
	Mn	55	1.382	ug/L	0.011	0	1532	69395	0	Standard
>	Ge	72		ug/L			100573	103542	2	KED
	Ni	60	0.218	ug/L	0.006	2	23	425	4	KED
	Ni	62	0.211	ug/L	0.018	8	6	70	7	KED
	Cu	63	0.636	ug/L	0.018	2	98	3510	1	KED
	Cu	65	0.641	ug/L	0.014	2	45	1734	3	KED
	Zn	66	1.367	ug/L	0.027	1	73	1174	2	KED
	Zn	67	1.534	ug/L	0.141	9	12	215	10	KED
	As	75	0.536	ug/L	0.046	8	4	211	6	KED
	Se	78	0.128	ug/L	0.037	29	13	19	6	KED
	Y	89		ug/L			804838	797880	0	Standard
	Kr	83		ug/L			330	307	18	Standard
>	In-1	115		ug/L			28284	28316	1	KED
	Mo	98	0.357	ug/L	0.009	2	7	698	1	KED
	Cd	111	0.017	ug/L	0.009	51	3	11	33	KED
	Cd	114	0.019	ug/L	0.010	50	3	24	43	KED
>	In	115		ug/L			1438888	1459986	2	Standard
	Ag	107	0.001	ug/L	0.001	135	55	67	22	Standard
	Sb	121	0.064	ug/L	0.001	1	380	1873	1	Standard
	Sb	123	0.066	ug/L	0.005	7	357	1518	4	Standard
	Ba	135	3.670	ug/L	0.073	1	38	31640	1	Standard
	Ba	137	3.638	ug/L	0.107	2	69	54627	0	Standard
>	Tb	159		ug/L			3033563	3041198	0	Standard
	Tl	205	0.002	ug/L	0.000	16	71	275	13	Standard
	Pb	208	0.022	ug/L	0.001	2	536	3683	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-42
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:39:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1240552	1	Standard
	Be	9	0.001	ug/L	0.000	26	10	21	13	Standard
	C	13		ug/L			23319	44387	0	Standard
	Cl	37		ug/L			7703668	7134325	0	Standard
>	Sc	45		ug/L			1469921	1569814	0	Standard
	Al	27	7.103	ug/L	0.105	1	3506	231161	1	Standard
	V	51	0.394	ug/L	0.007	1	6451	21902	1	Standard
	V-1	51	0.420	ug/L	0.005	1	292	16379	1	Standard
	Cr	52	0.122	ug/L	0.006	5	18849	24170	1	Standard
	Cr	53	0.210	ug/L	0.002	0	160	965	1	Standard
	Mn	55	19.458	ug/L	0.215	1	1532	1004148	1	Standard
>	Ge	72		ug/L			100573	96258	1	KED
	Ni	60	0.112	ug/L	0.006	5	23	213	4	KED
	Ni	62	0.082	ug/L	0.042	50	6	29	39	KED
	Cu	63	0.248	ug/L	0.006	2	98	1328	1	KED
	Cu	65	0.257	ug/L	0.015	5	45	671	6	KED
	Zn	66	0.736	ug/L	0.062	8	73	620	8	KED
	Zn	67	2.139	ug/L	0.203	9	12	274	9	KED
	As	75	0.072	ug/L	0.007	9	4	30	8	KED
	Se	78	0.085	ug/L	0.030	35	13	16	7	KED
	Y	89		ug/L			804838	791262	0	Standard
	Kr	83		ug/L			330	308	8	Standard
>	In-1	115		ug/L			28284	27198	0	KED
	Mo	98	0.843	ug/L	0.032	3	7	1572	3	KED
	Cd	111	0.069	ug/L	0.016	23	3	32	21	KED
	Cd	114	0.073	ug/L	0.013	17	3	82	16	KED
>	In	115		ug/L			1438888	1457128	0	Standard
	Ag	107	-0.000	ug/L	0.000	789	55	55	9	Standard
	Sb	121	0.018	ug/L	0.001	3	380	800	2	Standard
	Sb	123	0.014	ug/L	0.001	9	357	612	2	Standard
	Ba	135	20.080	ug/L	0.079	0	38	172647	0	Standard
	Ba	137	19.757	ug/L	0.245	1	69	295879	0	Standard
>	Tb	159		ug/L			3033563	3097611	0	Standard
	Tl	205	0.000	ug/L	0.000	25	71	124	11	Standard
	Pb	208	0.008	ug/L	0.001	9	536	1621	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:47:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1294317	3	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	1878	10	10	20	Standard
	C	**13**		ug/L			23319	24888	0	Standard
	Cl	**37**		ug/L			7703668	8198069	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1448268	0	Standard
⌈	**Al**	**27**	**0.021**	ug/L	0.001	6	3506	4078	0	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.002	159	6451	6404	1	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	23	292	248	4	Standard
⌈	**Cr**	**52**	**0.012**	ug/L	0.008	61	18849	18952	1	Standard
⌈	**Cr**	**53**	**0.004**	ug/L	0.002	42	160	173	4	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.002	24	1532	1166	7	Standard
⌈>	**Ge**	**72**		ug/L			100573	98424	2	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.004	172	23	26	25	KED
⌈	**Ni**	**62**	**0.000**	ug/L	0.023	29298	6	6	105	KED
⌈	**Cu**	**63**	**-0.006**	ug/L	0.001	16	98	66	8	KED
⌈	**Cu**	**65**	**-0.004**	ug/L	0.001	26	45	34	9	KED
⌈	**Zn**	**66**	**0.054**	ug/L	0.016	28	73	113	12	KED
⌈	**Zn**	**67**	**0.079**	ug/L	0.049	62	12	21	26	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.002	57	4	3	22	KED
⌊	**Se**	**78**	**0.005**	ug/L	0.068	1253	13	13	21	KED
	Y	**89**		ug/L			804838	786399	2	Standard
	Kr	**83**		ug/L			330	316	4	Standard
⌈>	**In-1**	**115**		ug/L			28284	27632	0	KED
⌈	**Mo**	**98**	**0.001**	ug/L	0.003	387	7	8	54	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.005	169	3	2	78	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	43	3	0	271	KED
⌈>	**In**	**115**		ug/L			1438888	1473470	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	91	55	49	13	Standard
⌈	**Sb**	**121**	**-0.012**	ug/L	0.001	4	380	105	12	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.001	8	357	81	28	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.000	74	38	43	7	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	114	69	55	29	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2976835	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	28	71	54	8	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	132	536	561	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:52:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1233124	1	Standard
⌊	**Be**	**9**	**47.393**	ug/L	0.595	1	10	380329	0	Standard
	C	**13**		ug/L			23319	25510	0	Standard
	Cl	**37**		ug/L			7703668	7898075	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1462633	2	Standard
⌈	**Al**	**27**	**4803.744**	ug/L	48.336	1	3506	143290492	1	Standard
⌈	**V**	**51**	**46.722**	ug/L	0.500	1	6451	1665409	1	Standard
⌈	**V-1**	**51**	**47.129**	ug/L	0.482	1	292	1681609	1	Standard
⌈	**Cr**	**52**	**47.205**	ug/L	0.201	0	18849	1470344	2	Standard
⌈	**Cr**	**53**	**48.514**	ug/L	0.326	0	160	171329	2	Standard
⌊	**Mn**	**55**	**50.976**	ug/L	0.791	1	1532	2448508	2	Standard
⌈>	**Ge**	**72**		ug/L			100573	100650	0	KED
⌈	**Ni**	**60**	**48.007**	ug/L	1.028	2	23	85976	2	KED
⌈	**Ni**	**62**	**47.913**	ug/L	0.954	1	6	14147	1	KED
⌈	**Cu**	**63**	**48.888**	ug/L	0.425	0	98	254881	0	KED
⌈	**Cu**	**65**	**49.138**	ug/L	0.439	0	45	125840	0	KED
⌈	**Zn**	**66**	**49.391**	ug/L	0.269	0	73	38652	0	KED
⌈	**Zn**	**67**	**49.764**	ug/L	1.392	2	12	6400	2	KED
⌈	**As**	**75**	**48.832**	ug/L	0.341	0	4	18361	0	KED
⌊	**Se**	**78**	**48.846**	ug/L	0.965	1	13	2083	1	KED
	Y	**89**		ug/L			804838	807549	2	Standard
	Kr	**83**		ug/L			330	318	7	Standard
⌈>	**In-1**	**115**		ug/L			28284	28027	0	KED
⌈	**Mo**	**98**	**48.532**	ug/L	0.078	0	7	92897	0	KED
⌈	**Cd**	**111**	**48.719**	ug/L	0.517	1	3	21221	1	KED
⌊	**Cd**	**114**	**48.932**	ug/L	0.076	0	3	55150	0	KED
⌈>	**In**	**115**		ug/L			1438888	1457153	2	Standard
⌈	**Ag**	**107**	**46.766**	ug/L	0.654	1	55	976501	2	Standard
⌈	**Sb**	**121**	**47.984**	ug/L	0.579	1	380	1113800	1	Standard
⌈	**Sb**	**123**	**49.791**	ug/L	0.868	1	357	865817	1	Standard
⌈	**Ba**	**135**	**47.908**	ug/L	0.954	1	38	411755	0	Standard
⌊	**Ba**	**137**	**47.721**	ug/L	0.326	0	69	714582	2	Standard
⌈>	**Tb**	**159**		ug/L			3033563	3122961	0	Standard
⌈	**Tl**	**205**	**50.185**	ug/L	0.412	0	71	5509028	1	Standard
⌊	**Pb**	**208**	**48.069**	ug/L	0.665	1	536	6912897	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:59:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1237969	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	41	10	17	16	Standard
	C	**13**		ug/L			23319	23284	1	Standard
	Cl	**37**		ug/L			7703668	7786815	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1452192	1	Standard
⌈	**Al**	**27**	**0.034**	ug/L	0.005	13	3506	4461	2	Standard
⌈	**V**	**51**	**-0.005**	ug/L	0.002	31	6451	6185	1	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	9	292	260	0	Standard
⌈	**Cr**	**52**	**-0.011**	ug/L	0.003	27	18849	18300	1	Standard
⌈	**Cr**	**53**	**0.004**	ug/L	0.004	88	160	173	6	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.000	6	1532	1157	2	Standard
⌈>	**Ge**	**72**		ug/L			100573	99509	1	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.004	223	23	19	40	KED
⌈	**Ni**	**62**	**-0.004**	ug/L	0.004	98	6	5	21	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.004	1280	98	99	21	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.004	380	45	41	27	KED
⌈	**Zn**	**66**	**0.022**	ug/L	0.017	80	73	89	14	KED
⌈	**Zn**	**67**	**0.036**	ug/L	0.044	122	12	16	35	KED
⌈	**As**	**75**	**0.000**	ug/L	0.002	1399	4	4	15	KED
⌊	**Se**	**78**	**0.000**	ug/L	0.067	664405	13	13	19	KED
	Y	**89**		ug/L			804838	790365	1	Standard
	Kr	**83**		ug/L			330	343	6	Standard
⌈>	**In-1**	**115**		ug/L			28284	28052	1	KED
⌈	**Mo**	**98**	**0.005**	ug/L	0.004	74	7	17	42	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.003	50	3	6	18	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	210	3	4	54	KED
⌈>	**In**	**115**		ug/L			1438888	1458629	1	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	84	55	73	18	Standard
⌈	**Sb**	**121**	**0.045**	ug/L	0.003	6	380	1437	5	Standard
⌈	**Sb**	**123**	**0.045**	ug/L	0.003	6	357	1137	3	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	184	38	45	29	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	179	69	77	17	Standard
⌈>	**Tb**	**159**		ug/L			3033563	3034066	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	8	71	369	7	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	34	536	650	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-08
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:04:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1260415	1	Standard
	Be	9	0.000	ug/L	0.001	302	10	12	48	Standard
	C	13		ug/L			23319	46813	0	Standard
	Cl	37		ug/L			7703668	7405755	1	Standard
>	Sc	45		ug/L			1469921	1499688	0	Standard
	Al	27	18.465	ug/L	0.104	0	3506	568406	1	Standard
	V	51	0.222	ug/L	0.007	2	6451	14679	2	Standard
	V-1	51	0.227	ug/L	0.005	2	292	8620	3	Standard
	Cr	52	0.151	ug/L	0.007	4	18849	23984	1	Standard
	Cr	53	0.168	ug/L	0.011	6	160	772	5	Standard
	Mn	55	5.342	ug/L	0.019	0	1532	264505	1	Standard
>	Ge	72		ug/L			100573	100685	0	KED
	Ni	60	5.623	ug/L	0.033	0	23	10094	1	KED
	Ni	62	5.738	ug/L	0.068	1	6	1700	1	KED
	Cu	63	2.012	ug/L	0.015	0	98	10585	0	KED
	Cu	65	2.013	ug/L	0.019	0	45	5201	1	KED
	Zn	66	4.520	ug/L	0.150	3	73	3605	3	KED
	Zn	67	4.656	ug/L	0.139	2	12	610	3	KED
	As	75	0.449	ug/L	0.005	1	4	173	1	KED
	Se	78	0.067	ug/L	0.061	92	13	16	15	KED
	Y	89		ug/L			804838	810738	1	Standard
	Kr	83		ug/L			330	313	6	Standard
>	In-1	115		ug/L			28284	28111	1	KED
	Mo	98	0.385	ug/L	0.022	5	7	746	4	KED
	Cd	111	0.050	ug/L	0.006	11	3	25	8	KED
	Cd	114	0.044	ug/L	0.007	16	3	52	16	KED
>	In	115		ug/L			1438888	1504578	0	Standard
	Ag	107	0.001	ug/L	0.001	91	55	73	19	Standard
	Sb	121	0.058	ug/L	0.000	0	380	1781	0	Standard
	Sb	123	0.057	ug/L	0.002	4	357	1395	2	Standard
	Ba	135	4.039	ug/L	0.059	1	38	35891	1	Standard
	Ba	137	4.029	ug/L	0.044	1	69	62354	1	Standard
>	Tb	159		ug/L			3033563	3120778	0	Standard
	Tl	205	0.002	ug/L	0.000	2	71	343	2	Standard
	Pb	208	0.021	ug/L	0.000	1	536	3639	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-12
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:08:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1225862	0	Standard
	Be	9	0.001	ug/L	0.001	37	10	20	18	Standard
	C	13		ug/L			23319	48920	0	Standard
	Cl	37		ug/L			7703668	7373003	0	Standard
>	Sc	45		ug/L			1469921	1497387	0	Standard
	Al	27	18.969	ug/L	0.282	1	3506	582864	0	Standard
	V	51	0.234	ug/L	0.005	2	6451	15071	0	Standard
	V-1	51	0.241	ug/L	0.004	1	292	9102	1	Standard
	Cr	52	0.191	ug/L	0.006	2	18849	25200	0	Standard
	Cr	53	0.215	ug/L	0.003	1	160	939	0	Standard
	Mn	55	4.108	ug/L	0.076	1	1532	203454	1	Standard
>	Ge	72		ug/L			100573	102052	0	KED
	Ni	60	0.181	ug/L	0.015	8	23	353	7	KED
	Ni	62	0.180	ug/L	0.029	16	6	60	14	KED
	Cu	63	1.759	ug/L	0.041	2	98	9396	1	KED
	Cu	65	1.835	ug/L	0.050	2	45	4807	2	KED
	Zn	66	3.665	ug/L	0.137	3	73	2977	4	KED
	Zn	67	3.819	ug/L	0.286	7	12	509	6	KED
	As	75	0.396	ug/L	0.005	1	4	155	1	KED
	Se	78	0.073	ug/L	0.088	120	13	17	21	KED
	Y	89		ug/L			804838	810353	1	Standard
	Kr	83		ug/L			330	308	1	Standard
>	In-1	115		ug/L			28284	28299	1	KED
	Mo	98	0.433	ug/L	0.017	4	7	844	2	KED
	Cd	111	0.030	ug/L	0.005	17	3	17	14	KED
	Cd	114	0.029	ug/L	0.009	29	3	35	26	KED
>	In	115		ug/L			1438888	1508827	1	Standard
	Ag	107	0.000	ug/L	0.001	177	55	67	26	Standard
	Sb	121	0.044	ug/L	0.002	4	380	1459	3	Standard
	Sb	123	0.042	ug/L	0.002	4	357	1125	2	Standard
	Ba	135	3.642	ug/L	0.050	1	38	32451	0	Standard
	Ba	137	3.637	ug/L	0.068	1	69	56458	0	Standard
>	Tb	159		ug/L			3033563	3103146	0	Standard
	Tl	205	0.002	ug/L	0.000	13	71	253	9	Standard
	Pb	208	0.018	ug/L	0.000	1	536	3142	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-23
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:13:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1247909	1	Standard
	Be	9	0.000	ug/L	0.000	32	10	13	7	Standard
	C	13		ug/L			23319	44964	1	Standard
	Cl	37		ug/L			7703668	7361497	0	Standard
>	Sc	45		ug/L			1469921	1498032	0	Standard
	Al	27	27.308	ug/L	0.464	1	3506	837902	1	Standard
	V	51	0.268	ug/L	0.004	1	6451	16323	1	Standard
	V-1	51	0.279	ug/L	0.003	0	292	10496	0	Standard
	Cr	52	0.128	ug/L	0.010	7	18849	23242	1	Standard
	Cr	53	0.166	ug/L	0.004	2	160	762	2	Standard
	Mn	55	1.545	ug/L	0.016	1	1532	77515	0	Standard
>	Ge	72		ug/L			100573	101468	0	KED
	Ni	60	0.182	ug/L	0.020	11	23	353	9	KED
	Ni	62	0.213	ug/L	0.047	22	6	69	20	KED
	Cu	63	2.186	ug/L	0.020	0	98	11583	1	KED
	Cu	65	2.234	ug/L	0.068	3	45	5810	3	KED
	Zn	66	2.862	ug/L	0.097	3	73	2328	3	KED
	Zn	67	2.708	ug/L	0.399	14	12	362	14	KED
	As	75	0.579	ug/L	0.025	4	4	224	4	KED
	Se	78	0.068	ug/L	0.053	77	13	16	13	KED
	Y	89		ug/L			804838	799238	0	Standard
	Kr	83		ug/L			330	325	6	Standard
>	In-1	115		ug/L			28284	27728	1	KED
	Mo	98	0.377	ug/L	0.043	11	7	721	12	KED
	Cd	111	0.031	ug/L	0.006	20	3	17	16	KED
	Cd	114	0.033	ug/L	0.007	19	3	40	19	KED
>	In	115		ug/L			1438888	1504761	2	Standard
	Ag	107	0.000	ug/L	0.001	1156	55	59	28	Standard
	Sb	121	0.058	ug/L	0.002	3	380	1795	2	Standard
	Sb	123	0.058	ug/L	0.002	2	357	1417	2	Standard
	Ba	135	3.846	ug/L	0.115	2	38	34167	1	Standard
	Ba	137	3.814	ug/L	0.101	2	69	59012	0	Standard
>	Tb	159		ug/L			3033563	3090321	0	Standard
	Tl	205	0.002	ug/L	0.000	11	71	274	9	Standard
	Pb	208	0.031	ug/L	0.001	1	536	4982	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-25
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:17:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1257299	1	Standard
	Be	9	0.000	ug/L	0.001	669	10	11	44	Standard
	C	13		ug/L			23319	46497	1	Standard
	Cl	37		ug/L			7703668	7400241	0	Standard
>	Sc	45		ug/L			1469921	1527821	1	Standard
	Al	27	20.622	ug/L	0.079	0	3506	646261	1	Standard
	V	51	0.232	ug/L	0.006	2	6451	15299	2	Standard
	V-1	51	0.242	ug/L	0.004	1	292	9337	2	Standard
	Cr	52	0.133	ug/L	0.005	3	18849	23880	1	Standard
	Cr	53	0.170	ug/L	0.009	5	160	791	3	Standard
	Mn	55	1.456	ug/L	0.010	0	1532	74617	0	Standard
>	Ge	72		ug/L			100573	101850	0	KED
	Ni	60	0.281	ug/L	0.019	6	23	533	6	KED
	Ni	62	0.255	ug/L	0.007	2	6	82	2	KED
	Cu	63	2.033	ug/L	0.023	1	98	10822	1	KED
	Cu	65	2.060	ug/L	0.029	1	45	5381	1	KED
	Zn	66	3.375	ug/L	0.115	3	73	2742	3	KED
	Zn	67	3.552	ug/L	0.072	2	12	473	1	KED
	As	75	0.517	ug/L	0.016	3	4	201	3	KED
	Se	78	0.066	ug/L	0.021	32	13	16	5	KED
	Y	89		ug/L			804838	815273	0	Standard
	Kr	83		ug/L			330	313	5	Standard
>	In-1	115		ug/L			28284	27641	1	KED
	Mo	98	0.383	ug/L	0.009	2	7	729	2	KED
	Cd	111	0.037	ug/L	0.018	49	3	19	41	KED
	Cd	114	0.025	ug/L	0.004	17	3	30	14	KED
>	In	115		ug/L			1438888	1510371	0	Standard
	Ag	107	0.000	ug/L	0.000	2514	55	58	17	Standard
	Sb	121	0.043	ug/L	0.001	1	380	1422	1	Standard
	Sb	123	0.045	ug/L	0.003	5	357	1183	4	Standard
	Ba	135	3.806	ug/L	0.064	1	38	33950	1	Standard
	Ba	137	3.804	ug/L	0.079	2	69	59113	2	Standard
>	Tb	159		ug/L			3033563	3100236	0	Standard
	Tl	205	0.002	ug/L	0.000	20	71	238	14	Standard
	Pb	208	0.027	ug/L	0.001	2	536	4365	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-27
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:22:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1257828	1	Standard
[	Be	9	0.000	ug/L	0.001	268	10	12	43	Standard
	C	13		ug/L			23319	47255	1	Standard
	Cl	37		ug/L			7703668	7407160	1	Standard
[>	Sc	45		ug/L			1469921	1506056	1	Standard
[	Al	27	20.711	ug/L	0.444	2	3506	639624	0	Standard
[	V	51	0.240	ug/L	0.012	4	6451	15372	2	Standard
[	V-1	51	0.249	ug/L	0.010	3	292	9445	3	Standard
[	Cr	52	0.129	ug/L	0.012	9	18849	23408	0	Standard
[	Cr	53	0.161	ug/L	0.005	3	160	749	3	Standard
[	Mn	55	1.539	ug/L	0.017	1	1532	77667	2	Standard
[>	Ge	72		ug/L			100573	100295	0	KED
[	Ni	60	0.161	ug/L	0.007	4	23	309	3	KED
[	Ni	62	0.164	ug/L	0.012	7	6	54	7	KED
[	Cu	63	2.089	ug/L	0.038	1	98	10947	2	KED
[	Cu	65	2.126	ug/L	0.061	2	45	5469	3	KED
[	Zn	66	3.732	ug/L	0.102	2	73	2978	3	KED
[	Zn	67	4.096	ug/L	0.234	5	12	535	5	KED
[	As	75	0.504	ug/L	0.028	5	4	193	4	KED
[	Se	78	0.047	ug/L	0.036	76	13	15	9	KED
	Y	89		ug/L			804838	804780	0	Standard
	Kr	83		ug/L			330	333	10	Standard
[>	In-1	115		ug/L			28284	27935	1	KED
[	Mo	98	0.411	ug/L	0.030	7	7	791	6	KED
[	Cd	111	0.038	ug/L	0.018	48	3	20	37	KED
[	Cd	114	0.034	ug/L	0.012	36	3	40	33	KED
[>	In	115		ug/L			1438888	1506415	2	Standard
[	Ag	107	0.000	ug/L	0.001	136	55	67	18	Standard
[	Sb	121	0.056	ug/L	0.003	5	380	1748	2	Standard
[	Sb	123	0.057	ug/L	0.002	4	357	1391	3	Standard
[	Ba	135	3.887	ug/L	0.079	2	38	34578	1	Standard
[	Ba	137	3.874	ug/L	0.077	2	69	60019	0	Standard
[>	Tb	159		ug/L			3033563	3110863	0	Standard
[	Tl	205	0.002	ug/L	0.000	13	71	250	9	Standard
[	Pb	208	0.023	ug/L	0.001	3	536	3824	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-05
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:26:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1231327	1	Standard
	Be	9	0.043	ug/L	0.005	11	10	358	10	Standard
	C	13		ug/L			23319	51758	1	Standard
	Cl	37		ug/L			7703668	7231813	0	Standard
>	Sc	45		ug/L			1469921	1539448	0	Standard
	Al	27	513.923	ug/L	16.444	3	3506	16139634	3	Standard
	V	51	0.134	ug/L	0.001	0	6451	11774	0	Standard
	V-1	51	0.148	ug/L	0.004	2	292	5876	2	Standard
	Cr	52	0.135	ug/L	0.003	2	18849	24104	0	Standard
	Cr	53	0.180	ug/L	0.010	5	160	837	4	Standard
	Mn	55	518.715	ug/L	9.435	1	1532	26209483	1	Standard
>	Ge	72		ug/L			100573	100226	0	KED
	Ni	60	3.554	ug/L	0.039	1	23	6360	1	KED
	Ni	62	3.783	ug/L	0.133	3	6	1118	3	KED
	Cu	63	5.792	ug/L	0.025	0	98	30155	0	KED
	Cu	65	5.862	ug/L	0.080	1	45	14988	1	KED
	Zn	66	81.720	ug/L	0.267	0	73	63636	0	KED
	Zn	67	74.999	ug/L	0.981	1	12	9600	1	KED
	As	75	0.175	ug/L	0.004	2	4	70	2	KED
	Se	78	0.086	ug/L	0.112	129	13	17	27	KED
	Y	89		ug/L			804838	852508	0	Standard
	Kr	83		ug/L			330	340	2	Standard
>	In-1	115		ug/L			28284	27778	0	KED
	Mo	98	0.257	ug/L	0.005	1	7	494	2	KED
	Cd	111	0.860	ug/L	0.042	4	3	374	5	KED
	Cd	114	0.850	ug/L	0.017	2	3	952	2	KED
>	In	115		ug/L			1438888	1529038	1	Standard
	Ag	107	0.000	ug/L	0.000	444	55	60	12	Standard
	Sb	121	0.051	ug/L	0.002	3	380	1655	2	Standard
	Sb	123	0.054	ug/L	0.003	5	357	1361	2	Standard
	Ba	135	11.049	ug/L	0.162	1	38	99697	1	Standard
	Ba	137	10.942	ug/L	0.148	1	69	171980	0	Standard
>	Tb	159		ug/L			3033563	3161337	0	Standard
	Tl	205	0.019	ug/L	0.001	4	71	2162	4	Standard
	Pb	208	0.021	ug/L	0.000	1	536	3682	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:31:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1237307	2	Standard
	Be	9	0.041	ug/L	0.003	6	10	340	5	Standard
	C	13		ug/L			23319	46786	1	Standard
	Cl	37		ug/L			7703668	7222429	0	Standard
>	Sc	45		ug/L			1469921	1532531	0	Standard
	Al	27	492.764	ug/L	5.425	1	3506	15406069	1	Standard
	V	51	0.122	ug/L	0.004	3	6451	11277	0	Standard
	V-1	51	0.141	ug/L	0.004	2	292	5572	2	Standard
	Cr	52	0.048	ug/L	0.003	6	18849	21196	1	Standard
	Cr	53	0.109	ug/L	0.007	5	160	570	4	Standard
	Mn	55	504.583	ug/L	4.627	0	1532	25380765	0	Standard
>	Ge	72		ug/L			100573	99559	1	KED
	Ni	60	3.401	ug/L	0.036	1	23	6045	0	KED
	Ni	62	3.405	ug/L	0.111	3	6	1000	4	KED
	Cu	63	5.651	ug/L	0.016	0	98	29228	1	KED
	Cu	65	5.739	ug/L	0.074	1	45	14577	1	KED
	Zn	66	78.285	ug/L	0.663	0	73	60554	1	KED
	Zn	67	74.550	ug/L	0.999	1	12	9478	1	KED
	As	75	0.188	ug/L	0.022	11	4	74	9	KED
	Se	78	0.015	ug/L	0.083	570	13	14	24	KED
	Y	89		ug/L			804838	853821	0	Standard
	Kr	83		ug/L			330	324	0	Standard
>	In-1	115		ug/L			28284	27857	1	KED
	Mo	98	0.259	ug/L	0.012	4	7	501	5	KED
	Cd	111	0.823	ug/L	0.031	3	3	359	2	KED
	Cd	114	0.859	ug/L	0.051	5	3	965	4	KED
>	In	115		ug/L			1438888	1525414	3	Standard
	Ag	107	0.000	ug/L	0.001	233	55	64	20	Standard
	Sb	121	0.046	ug/L	0.001	1	380	1520	2	Standard
	Sb	123	0.045	ug/L	0.006	12	357	1201	8	Standard
	Ba	135	10.767	ug/L	0.124	1	38	96915	2	Standard
	Ba	137	10.657	ug/L	0.171	1	69	167057	1	Standard
>	Tb	159		ug/L			3033563	3186881	1	Standard
	Tl	205	0.017	ug/L	0.001	6	71	2033	4	Standard
	Pb	208	0.019	ug/L	0.000	2	536	3348	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:37:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1201018	1	Standard
[	Be	9	24.031	ug/L	0.631	2	10	187810	1	Standard
	C	13		ug/L			23319	47305	1	Standard
	Cl	37		ug/L			7703668	7337082	0	Standard
[>	Sc	45		ug/L			1469921	1543713	1	Standard
[	Al	27	5045.444	ug/L	42.402	0	3506	158860109	1	Standard
[	V	51	22.868	ug/L	0.483	2	6451	863847	2	Standard
[	V-1	51	23.089	ug/L	0.404	1	292	869709	1	Standard
[	Cr	52	22.634	ug/L	0.356	1	18849	754338	1	Standard
[	Cr	53	23.352	ug/L	0.241	1	160	87114	0	Standard
[	Mn	55	527.123	ug/L	13.182	2	1532	26701408	1	Standard
[>	Ge	72		ug/L			100573	99354	1	KED
[	Ni	60	27.936	ug/L	0.743	2	23	49390	2	KED
[	Ni	62	28.063	ug/L	0.336	1	6	8181	0	KED
[	Cu	63	29.879	ug/L	0.115	0	98	153809	0	KED
[	Cu	65	30.190	ug/L	0.153	0	45	76339	1	KED
[	Zn	66	154.372	ug/L	3.281	2	73	119091	1	KED
[	Zn	67	145.874	ug/L	0.817	0	12	18497	0	KED
[	As	75	25.355	ug/L	0.368	1	4	9413	1	KED
[	Se	78	80.783	ug/L	2.401	2	13	3391	1	KED
	Y	89		ug/L			804838	861437	2	Standard
	Kr	83		ug/L			330	371	7	Standard
[>	In-1	115		ug/L			28284	27818	0	KED
[	Mo	98	0.262	ug/L	0.011	4	7	504	3	KED
[	Cd	111	25.997	ug/L	0.280	1	3	11240	0	KED
[	Cd	114	25.963	ug/L	0.034	0	3	29046	0	KED
[>	In	115		ug/L			1438888	1513659	1	Standard
[	Ag	107	23.193	ug/L	0.095	0	55	503101	1	Standard
[	Sb	121	0.112	ug/L	0.004	3	380	3103	3	Standard
[	Sb	123	0.111	ug/L	0.007	6	357	2381	3	Standard
[	Ba	135	34.328	ug/L	0.703	2	38	306534	1	Standard
[	Ba	137	34.599	ug/L	0.266	0	69	538175	0	Standard
[>	Tb	159		ug/L			3033563	3209973	1	Standard
[	Tl	205	25.679	ug/L	0.146	0	71	2897356	1	Standard
[	Pb	208	22.414	ug/L	0.233	1	536	3313648	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:43:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1207487	1	Standard
	Be	9	23.644	ug/L	0.335	1	10	185820	1	Standard
	C	13		ug/L			23319	46867	0	Standard
	Cl	37		ug/L			7703668	7242178	0	Standard
>	Sc	45		ug/L			1469921	1569769	2	Standard
	Al	27	4919.046	ug/L	64.290	1	3506	157462355	1	Standard
	V	51	22.094	ug/L	0.314	1	6451	848800	1	Standard
	V-1	51	22.352	ug/L	0.190	0	292	856118	1	Standard
	Cr	52	22.293	ug/L	0.233	1	18849	755833	1	Standard
	Cr	53	23.125	ug/L	0.282	1	160	87749	3	Standard
	Mn	55	521.522	ug/L	12.011	2	1532	26861240	1	Standard
>	Ge	72		ug/L			100573	100220	0	KED
	Ni	60	27.608	ug/L	0.326	1	23	49241	1	KED
	Ni	62	27.559	ug/L	0.643	2	6	8104	1	KED
	Cu	63	29.787	ug/L	0.633	2	98	154655	1	KED
	Cu	65	30.074	ug/L	0.117	0	45	76705	0	KED
	Zn	66	154.541	ug/L	1.600	1	73	120266	0	KED
	Zn	67	145.192	ug/L	2.037	1	12	18571	1	KED
	As	75	24.707	ug/L	0.505	2	4	9252	1	KED
	Se	78	78.790	ug/L	1.095	1	13	3337	2	KED
	Y	89		ug/L			804838	874313	0	Standard
	Kr	83		ug/L			330	379	7	Standard
>	In-1	115		ug/L			28284	28084	0	KED
	Mo	98	0.273	ug/L	0.013	4	7	530	4	KED
	Cd	111	25.757	ug/L	0.339	1	3	11243	1	KED
	Cd	114	25.775	ug/L	0.164	0	3	29111	0	KED
>	In	115		ug/L			1438888	1541437	2	Standard
	Ag	107	22.895	ug/L	0.112	0	55	505782	2	Standard
	Sb	121	0.088	ug/L	0.004	4	380	2571	5	Standard
	Sb	123	0.086	ug/L	0.002	2	357	1961	2	Standard
	Ba	135	34.528	ug/L	0.705	2	38	313941	0	Standard
	Ba	137	34.110	ug/L	0.402	1	69	540260	0	Standard
>	Tb	159		ug/L			3033563	3274727	0	Standard
	Tl	205	25.194	ug/L	0.300	1	71	2900000	1	Standard
	Pb	208	21.850	ug/L	0.235	1	536	3295257	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:51:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1252112	1	Standard
	Be	**9**	**-0.000**	ug/L	0.000	167	10	9	20	Standard
	C	**13**		ug/L			23319	24850	0	Standard
	Cl	**37**		ug/L			7703668	7407955	0	Standard
>	**Sc**	**45**		ug/L			1469921	1451968	1	Standard
	Al	**27**	**0.044**	ug/L	0.030	69	3506	4753	18	Standard
	V	**51**	**-0.001**	ug/L	0.004	482	6451	6341	0	Standard
	V-1	**51**	**-0.001**	ug/L	0.001	59	292	245	9	Standard
	Cr	**52**	**-0.003**	ug/L	0.011	309	18849	18511	0	Standard
	Cr	**53**	**-0.005**	ug/L	0.002	44	160	142	6	Standard
	Mn	**55**	**-0.006**	ug/L	0.002	40	1532	1224	8	Standard
>	**Ge**	**72**		ug/L			100573	100351	1	KED
	Ni	**60**	**0.002**	ug/L	0.001	42	23	26	7	KED
	Ni	**62**	**0.017**	ug/L	0.016	95	6	11	44	KED
	Cu	**63**	**-0.003**	ug/L	0.003	86	98	81	17	KED
	Cu	**65**	**-0.000**	ug/L	0.005	25261	45	45	28	KED
	Zn	**66**	**0.062**	ug/L	0.025	40	73	121	17	KED
	Zn	**67**	**0.040**	ug/L	0.026	64	12	17	19	KED
	As	**75**	**-0.004**	ug/L	0.001	19	4	3	8	KED
	Se	**78**	**0.037**	ug/L	0.025	67	13	15	5	KED
	Y	**89**		ug/L			804838	814555	1	Standard
	Kr	**83**		ug/L			330	351	10	Standard
>	**In-1**	**115**		ug/L			28284	28210	1	KED
	Mo	**98**	**-0.002**	ug/L	0.001	43	7	3	64	KED
	Cd	**111**	**0.004**	ug/L	0.003	87	3	5	26	KED
	Cd	**114**	**0.003**	ug/L	0.002	54	3	6	31	KED
>	**In**	**115**		ug/L			1438888	1559800	2	Standard
	Ag	**107**	**-0.000**	ug/L	0.000	62	55	49	10	Standard
	Sb	**121**	**-0.012**	ug/L	0.001	6	380	107	20	Standard
	Sb	**123**	**-0.017**	ug/L	0.001	4	357	68	25	Standard
	Ba	**135**	**0.000**	ug/L	0.001	783	38	42	22	Standard
	Ba	**137**	**-0.001**	ug/L	0.001	52	69	55	15	Standard
>	**Tb**	**159**		ug/L			3033563	3098144	0	Standard
	Tl	**205**	**0.000**	ug/L	0.000	77	71	99	20	Standard
	Pb	**208**	**0.000**	ug/L	0.000	105	536	591	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:56:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1261408	2	Standard
⌊	**Be**	**9**	**47.579**	ug/L	1.205	2	10	390492	0	Standard
	C	**13**		ug/L			23319	25522	2	Standard
	Cl	**37**		ug/L			7703668	7772858	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1493676	0	Standard
⌈	**Al**	**27**	**4671.222**	ug/L	66.655	1	3506	142304999	0	Standard
⌈	**V**	**51**	**46.223**	ug/L	0.329	0	6451	1682954	1	Standard
⌈	**V-1**	**51**	**46.720**	ug/L	0.316	0	292	1702637	1	Standard
⌈	**Cr**	**52**	**46.830**	ug/L	0.509	1	18849	1489942	1	Standard
⌈	**Cr**	**53**	**48.430**	ug/L	0.314	0	160	174658	1	Standard
⌊	**Mn**	**55**	**50.557**	ug/L	0.294	0	1532	2480009	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	102032	0	KED
⌈	**Ni**	**60**	**48.144**	ug/L	0.583	1	23	87405	1	KED
⌈	**Ni**	**62**	**48.168**	ug/L	1.064	2	6	14418	2	KED
⌈	**Cu**	**63**	**48.662**	ug/L	0.463	0	98	257180	0	KED
⌈	**Cu**	**65**	**49.598**	ug/L	0.998	2	45	128751	1	KED
⌈	**Zn**	**66**	**49.084**	ug/L	0.950	1	73	38938	1	KED
⌈	**Zn**	**67**	**49.212**	ug/L	1.692	3	12	6416	3	KED
⌈	**As**	**75**	**48.228**	ug/L	0.710	1	4	18382	1	KED
⌊	**Se**	**78**	**49.169**	ug/L	0.768	1	13	2125	0	KED
	Y	**89**		ug/L			804838	823578	1	Standard
	Kr	**83**		ug/L			330	321	4	Standard
⌈>	**In-1**	**115**		ug/L			28284	28202	2	KED
⌈	**Mo**	**98**	**49.427**	ug/L	1.275	2	7	95160	0	KED
⌈	**Cd**	**111**	**49.439**	ug/L	1.205	2	3	21659	0	KED
⌊	**Cd**	**114**	**50.170**	ug/L	1.194	2	3	56877	0	KED
⌈>	**In**	**115**		ug/L			1438888	1539212	2	Standard
⌈	**Ag**	**107**	**46.202**	ug/L	2.020	4	55	1018361	2	Standard
⌈	**Sb**	**121**	**48.053**	ug/L	1.008	2	380	1178267	2	Standard
⌈	**Sb**	**123**	**49.768**	ug/L	0.775	1	357	914096	0	Standard
⌈	**Ba**	**135**	**45.839**	ug/L	1.149	2	38	416141	1	Standard
⌊	**Ba**	**137**	**45.686**	ug/L	1.069	2	69	722432	1	Standard
⌈>	**Tb**	**159**		ug/L			3033563	3227110	1	Standard
⌈	**Tl**	**205**	**49.916**	ug/L	0.639	1	71	5661473	0	Standard
⌊	**Pb**	**208**	**47.494**	ug/L	0.208	0	536	7057905	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:03:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1237840	2	Standard
	Be	**9**	**-0.000**	ug/L	0.000	122	10	7	43	Standard
	C	**13**		ug/L			23319	23641	2	Standard
	Cl	**37**		ug/L			7703668	7528308	0	Standard
>	**Sc**	**45**		ug/L			1469921	1465858	0	Standard
	Al	**27**	**0.028**	ug/L	0.004	14	3506	4337	3	Standard
	V	**51**	**-0.001**	ug/L	0.003	178	6451	6381	1	Standard
	V-1	**51**	**-0.003**	ug/L	0.000	18	292	197	9	Standard
	Cr	**52**	**0.003**	ug/L	0.013	407	18849	18890	1	Standard
	Cr	**53**	**-0.001**	ug/L	0.005	548	160	156	9	Standard
	Mn	**55**	**-0.010**	ug/L	0.001	5	1532	1057	1	Standard
>	**Ge**	**72**		ug/L			100573	100147	1	KED
	Ni	**60**	**-0.001**	ug/L	0.004	696	23	22	34	KED
	Ni	**62**	**0.002**	ug/L	0.015	688	6	6	62	KED
	Cu	**63**	**0.001**	ug/L	0.002	215	98	102	9	KED
	Cu	**65**	**0.002**	ug/L	0.004	206	45	50	20	KED
	Zn	**66**	**0.044**	ug/L	0.009	21	73	107	7	KED
	Zn	**67**	**0.045**	ug/L	0.007	16	12	17	6	KED
	As	**75**	**0.001**	ug/L	0.006	501	4	5	48	KED
	Se	**78**	**0.011**	ug/L	0.030	264	13	14	8	KED
	Y	**89**		ug/L			804838	798317	0	Standard
	Kr	**83**		ug/L			330	331	9	Standard
>	**In-1**	**115**		ug/L			28284	28110	1	KED
	Mo	**98**	**0.004**	ug/L	0.002	41	7	15	20	KED
	Cd	**111**	**-0.001**	ug/L	0.002	172	3	3	34	KED
	Cd	**114**	**-0.001**	ug/L	0.003	255	3	1	188	KED
>	**In**	**115**		ug/L			1438888	1515561	0	Standard
	Ag	**107**	**0.000**	ug/L	0.001	142	55	66	16	Standard
	Sb	**121**	**0.041**	ug/L	0.000	0	380	1398	0	Standard
	Sb	**123**	**0.039**	ug/L	0.001	3	357	1077	3	Standard
	Ba	**135**	**0.000**	ug/L	0.001	490	38	41	20	Standard
	Ba	**137**	**-0.001**	ug/L	0.000	14	69	59	3	Standard
>	**Tb**	**159**		ug/L			3033563	3072667	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	11	71	325	8	Standard
	Pb	**208**	**0.001**	ug/L	0.000	21	536	711	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-31
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:08:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1269358	2	Standard
	Be	9	0.000	ug/L	0.001	429	10	12	48	Standard
	C	13		ug/L			23319	48599	0	Standard
	Cl	37		ug/L			7703668	7169105	1	Standard
>	Sc	45		ug/L			1469921	1551612	1	Standard
	Al	27	5.236	ug/L	0.091	1	3506	169406	2	Standard
	V	51	0.083	ug/L	0.006	6	6451	9943	1	Standard
	V-1	51	0.091	ug/L	0.003	3	292	3765	2	Standard
	Cr	52	0.265	ug/L	0.012	4	18849	28524	0	Standard
	Cr	53	0.288	ug/L	0.005	1	160	1247	1	Standard
	Mn	55	8.229	ug/L	0.099	1	1532	420668	1	Standard
>	Ge	72		ug/L			100573	103412	0	KED
	Ni	60	0.301	ug/L	0.009	2	23	578	2	KED
	Ni	62	0.291	ug/L	0.080	27	6	94	25	KED
	Cu	63	1.259	ug/L	0.004	0	98	6840	0	KED
	Cu	65	1.277	ug/L	0.026	1	45	3404	2	KED
	Zn	66	9.004	ug/L	0.183	2	73	7302	2	KED
	Zn	67	8.502	ug/L	0.372	4	12	1134	4	KED
	As	75	0.074	ug/L	0.002	2	4	33	2	KED
	Se	78	0.025	ug/L	0.078	315	13	15	22	KED
	Y	89		ug/L			804838	817736	1	Standard
	Kr	83		ug/L			330	304	5	Standard
>	In-1	115		ug/L			28284	28204	1	KED
	Mo	98	0.719	ug/L	0.036	5	7	1392	4	KED
	Cd	111	0.056	ug/L	0.012	22	3	28	20	KED
	Cd	114	0.053	ug/L	0.003	4	3	63	4	KED
>	In	115		ug/L			1438888	1566262	2	Standard
	Ag	107	-0.000	ug/L	0.000	111	55	53	10	Standard
	Sb	121	0.128	ug/L	0.005	3	380	3608	1	Standard
	Sb	123	0.127	ug/L	0.004	3	357	2758	0	Standard
	Ba	135	4.715	ug/L	0.071	1	38	43599	0	Standard
	Ba	137	4.688	ug/L	0.178	3	69	75486	1	Standard
>	Tb	159		ug/L			3033563	3154415	0	Standard
	Tl	205	0.004	ug/L	0.000	6	71	511	4	Standard
	Pb	208	0.004	ug/L	0.000	9	536	1100	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-37
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:13:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1258529	1	Standard
[	Be	9	0.001	ug/L	0.001	39	10	22	22	Standard
	C	13		ug/L			23319	51220	1	Standard
	Cl	37		ug/L			7703668	7129553	0	Standard
[>	Sc	45		ug/L			1469921	1531150	0	Standard
[	Al	27	41.464	ug/L	0.224	0	3506	1298535	0	Standard
[	V	51	0.304	ug/L	0.001	0	6451	18024	0	Standard
[	V-1	51	0.312	ug/L	0.004	1	292	11964	1	Standard
[	Cr	52	0.254	ug/L	0.007	2	18849	27815	0	Standard
[	Cr	53	0.281	ug/L	0.016	5	160	1205	4	Standard
[	Mn	55	7.602	ug/L	0.118	1	1532	383615	0	Standard
[>	Ge	72		ug/L			100573	102162	1	KED
[	Ni	60	0.214	ug/L	0.009	4	23	413	3	KED
[	Ni	62	0.205	ug/L	0.061	29	6	67	28	KED
[	Cu	63	2.304	ug/L	0.011	0	98	12289	1	KED
[	Cu	65	2.298	ug/L	0.025	1	45	6017	2	KED
[	Zn	66	4.888	ug/L	0.113	2	73	3949	1	KED
[	Zn	67	4.983	ug/L	0.072	1	12	661	1	KED
[	As	75	0.480	ug/L	0.004	0	4	187	1	KED
[	Se	78	0.039	ug/L	0.039	101	13	15	9	KED
	Y	89		ug/L			804838	825257	0	Standard
	Kr	83		ug/L			330	296	2	Standard
[>	In-1	115		ug/L			28284	28406	1	KED
[	Mo	98	0.428	ug/L	0.007	1	7	837	0	KED
[	Cd	111	0.044	ug/L	0.013	28	3	23	22	KED
[	Cd	114	0.037	ug/L	0.011	28	3	45	27	KED
[>	In	115		ug/L			1438888	1569755	0	Standard
[	Ag	107	0.001	ug/L	0.001	102	55	71	17	Standard
[	Sb	121	0.092	ug/L	0.000	0	380	2711	0	Standard
[	Sb	123	0.090	ug/L	0.001	1	357	2070	1	Standard
[	Ba	135	4.635	ug/L	0.013	0	38	42963	0	Standard
[	Ba	137	4.557	ug/L	0.031	0	69	73576	1	Standard
[>	Tb	159		ug/L			3033563	3142085	0	Standard
[	Tl	205	0.002	ug/L	0.000	0	71	348	0	Standard
[	Pb	208	0.049	ug/L	0.002	3	536	7650	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-43
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:17:37

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1274673	772956	8	Standard
Be	9	0.086	ug/L	0.008	9	10	436	7	Standard
C	13		ug/L			23319	25468	2	Standard
Cl	37		ug/L			7703668	4214668	0	Standard
> Sc	45		ug/L			1469921	988296	1	Standard
Al	27	87.503	ug/L	0.143	0	3506	1766197	1	Standard
V	51	-0.004	ug/L	0.002	40	6451	4238	0	Standard
V-1	51	0.055	ug/L	0.002	3	292	1515	2	Standard
Cr	52	0.823	ug/L	0.023	2	18849	29787	2	Standard
Cr	53	1.001	ug/L	0.020	1	160	2495	2	Standard
Mn	55	2450.280	ug/L	12.503	0	1532	79480431	1	Standard
> Ge	72		ug/L			100573	67664	1	KED
Ni	60	5.887	ug/L	0.077	1	23	7101	1	KED
Ni	62	5.622	ug/L	0.209	3	6	1119	2	KED
Cu	63	0.808	ug/L	0.151	18	98	2903	19	KED
Cu	65	0.805	ug/L	0.152	18	45	1417	20	KED
Zn	66	3142.270	ug/L	14.993	0	73	1650088	1	KED
Zn	67	2928.855	ug/L	13.423	0	12	252789	1	KED
As	75	0.136	ug/L	0.040	29	4	37	28	KED
Se	78	0.306	ug/L	0.122	40	13	17	20	KED
Y	89		ug/L			804838	529239	0	Standard
Kr	83		ug/L			330	361	15	Standard
> In-1	115		ug/L			28284	19361	0	KED
Mo	98	0.327	ug/L	0.018	5	7	437	6	KED
Cd	111	1.284	ug/L	0.033	2	3	388	3	KED
Cd	114	1.296	ug/L	0.119	9	3	1010	8	KED
> In	115		ug/L			1438888	997663	4	Standard
Ag	107	0.041	ug/L	0.001	3	55	623	2	Standard
Sb	121	0.267	ug/L	0.153	57	380	4573	59	Standard
Sb	123	0.252	ug/L	0.135	53	357	3299	54	Standard
Ba	135	14.306	ug/L	0.702	4	38	84097	0	Standard
Ba	137	13.917	ug/L	0.705	5	69	142501	0	Standard
> Tb	159		ug/L			3033563	1845373	0	Standard
Tl	205	0.005	ug/L	0.000	1	71	389	1	Standard
Pb	208	0.050	ug/L	0.003	5	536	4602	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-54
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:22:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1204369	0	Standard
	Be	9	0.002	ug/L	0.001	52	10	22	30	Standard
	C	13		ug/L			23319	42579	2	Standard
	Cl	37		ug/L			7703668	6504726	1	Standard
>	Sc	45		ug/L			1469921	1462111	0	Standard
	Al	27	15.913	ug/L	0.290	1	3506	478062	2	Standard
	V	51	0.195	ug/L	0.006	3	6451	13332	1	Standard
	V-1	51	0.231	ug/L	0.006	2	292	8526	2	Standard
	Cr	52	0.031	ug/L	0.005	15	18849	19694	0	Standard
	Cr	53	0.150	ug/L	0.005	3	160	688	2	Standard
	Mn	55	10.605	ug/L	0.129	1	1532	510453	1	Standard
>	Ge	72		ug/L			100573	95249	1	KED
	Ni	60	0.258	ug/L	0.014	5	23	459	7	KED
	Ni	62	0.264	ug/L	0.059	22	6	80	22	KED
	Cu	63	2.061	ug/L	0.008	0	98	10256	2	KED
	Cu	65	2.105	ug/L	0.025	1	45	5141	0	KED
	Zn	66	6.039	ug/L	0.186	3	73	4532	1	KED
	Zn	67	6.072	ug/L	0.236	3	12	749	4	KED
	As	75	0.448	ug/L	0.019	4	4	163	2	KED
	Se	78	-0.024	ug/L	0.082	347	13	12	28	KED
	Y	89		ug/L			804838	815721	0	Standard
	Kr	83		ug/L			330	363	7	Standard
>	In-1	115		ug/L			28284	26796	0	KED
	Mo	98	0.434	ug/L	0.023	5	7	801	5	KED
	Cd	111	0.055	ug/L	0.003	5	3	26	4	KED
	Cd	114	0.059	ug/L	0.008	13	3	66	12	KED
>	In	115		ug/L			1438888	1677442	0	Standard
	Ag	107	0.000	ug/L	0.001	339	55	69	23	Standard
	Sb	121	0.050	ug/L	0.001	1	380	1788	1	Standard
	Sb	123	0.048	ug/L	0.001	1	357	1374	0	Standard
	Ba	135	4.251	ug/L	0.025	0	38	42110	0	Standard
	Ba	137	4.141	ug/L	0.023	0	69	71458	0	Standard
>	Tb	159		ug/L			3033563	3188411	0	Standard
	Tl	205	0.002	ug/L	0.000	10	71	296	7	Standard
	Pb	208	0.020	ug/L	0.001	3	536	3509	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:28:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1211486	2	Standard
	Be	**9**	**0.000**	ug/L	0.001	427	10	11	44	Standard
	C	**13**		ug/L			23319	24096	0	Standard
	Cl	**37**		ug/L			7703668	7108584	0	Standard
>	**Sc**	**45**		ug/L			1469921	1380419	0	Standard
	Al	**27**	**0.010**	ug/L	0.005	47	3506	3569	2	Standard
	V	**51**	**-0.019**	ug/L	0.002	10	6451	5432	2	Standard
	V-1	**51**	**0.002**	ug/L	0.000	15	292	333	3	Standard
	Cr	**52**	**-0.053**	ug/L	0.006	10	18849	16170	1	Standard
	Cr	**53**	**0.014**	ug/L	0.007	48	160	196	10	Standard
	Mn	**55**	**0.141**	ug/L	0.009	6	1532	7828	5	Standard
>	**Ge**	**72**		ug/L			100573	95354	2	KED
	Ni	**60**	**0.008**	ug/L	0.007	89	23	36	32	KED
	Ni	**62**	**0.023**	ug/L	0.030	128	6	12	67	KED
	Cu	**63**	**-0.004**	ug/L	0.001	37	98	73	10	KED
	Cu	**65**	**-0.003**	ug/L	0.002	77	45	34	15	KED
	Zn	**66**	**0.055**	ug/L	0.015	27	73	110	7	KED
	Zn	**67**	**0.026**	ug/L	0.047	180	12	14	39	KED
	As	**75**	**0.001**	ug/L	0.000	31	4	4	0	KED
	Se	**78**	**0.028**	ug/L	0.073	264	13	14	17	KED
	Y	**89**		ug/L			804838	776994	0	Standard
	Kr	**83**		ug/L			330	316	3	Standard
>	**In-1**	**115**		ug/L			28284	26818	1	KED
	Mo	**98**	**-0.002**	ug/L	0.002	136	7	4	100	KED
	Cd	**111**	**-0.006**	ug/L	0.001	23	3	1	43	KED
	Cd	**114**	**0.000**	ug/L	0.002	1645	3	3	72	KED
>	**In**	**115**		ug/L			1438888	1605115	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	44	55	46	12	Standard
	Sb	**121**	**-0.006**	ug/L	0.002	38	380	274	21	Standard
	Sb	**123**	**-0.009**	ug/L	0.002	17	357	221	13	Standard
	Ba	**135**	**0.026**	ug/L	0.003	13	38	286	12	Standard
	Ba	**137**	**0.024**	ug/L	0.002	9	69	471	8	Standard
>	**Tb**	**159**		ug/L			3033563	3048885	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	85	71	62	14	Standard
	Pb	**208**	**-0.000**	ug/L	0.000	135	536	502	9	Standard

21F0123 **ICP-MS Quantitative Analysis - Summary Report**

Sample ID: ~~21F0130~~-18
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:33:31 MB 6/24/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	969091	1	Standard
	Be	9	0.182	ug/L	0.005	2	10	1158	4	Standard
	C	13		ug/L			23319	44857	0	Standard
	Cl	37		ug/L			7703668	5465092	0	Standard
>	Sc	45		ug/L			1469921	1284195	1	Standard
	Al	27	6342.033	ug/L	84.550	1	3506	166096010	0	Standard
	V	51	-0.020	ug/L	0.001	5	6451	5000	1	Standard
	V-1	51	0.022	ug/L	0.001	6	292	953	4	Standard
	Cr	52	0.133	ug/L	0.010	7	18849	20054	0	Standard
	Cr	53	0.269	ug/L	0.012	4	160	971	2	Standard
	Mn	55	1079.412	ug/L	11.563	1	1532	45491581	0	Standard
>	Ge	72		ug/L			100573	85524	0	KED
	Ni	60	10.851	ug/L	0.164	1	23	16528	1	KED
	Ni	62	11.111	ug/L	0.243	2	6	2792	2	KED
	Cu	63	113.365	ug/L	0.596	0	98	502095	0	KED
	Cu	65	115.867	ug/L	1.293	1	45	252069	0	KED
	Zn	66	1027.208	ug/L	9.579	0	73	681803	0	KED
	Zn	67	950.806	ug/L	5.569	0	12	103728	0	KED
	As	75	0.181	ug/L	0.014	8	4	61	7	KED
	Se	78	0.401	ug/L	0.081	20	13	26	12	KED
	Y	89		ug/L			804838	1137107	1	Standard
	Kr	83		ug/L			330	376	4	Standard
>	In-1	115		ug/L			28284	24001	1	KED
	Mo	98	0.009	ug/L	0.009	94	7	21	64	KED
	Cd	111	7.956	ug/L	0.136	1	3	2970	1	KED
	Cd	114	8.040	ug/L	0.101	1	3	7762	2	KED
>	In	115		ug/L			1438888	1431764	1	Standard
	Ag	107	0.016	ug/L	0.001	5	55	391	6	Standard
	Sb	121	0.004	ug/L	0.001	17	380	461	2	Standard
	Sb	123	0.000	ug/L	0.001	517	357	359	6	Standard
	Ba	135	22.586	ug/L	0.129	0	38	190797	0	Standard
	Ba	137	22.419	ug/L	0.040	0	69	329907	1	Standard
>	Tb	159		ug/L			3033563	2970085	0	Standard
	Tl	205	0.067	ug/L	0.001	1	71	7090	2	Standard
	Pb	208	0.293	ug/L	0.006	2	536	40598	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:38:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	945643	1	Standard
	Be	9	0.191	ug/L	0.003	1	10	1184	1	Standard
	C	13		ug/L			23319	42853	1	Standard
	Cl	37		ug/L			7703668	5365986	0	Standard
>	Sc	45		ug/L			1469921	1250217	2	Standard
	Al	27	6607.489	ug/L	69.641	1	3506	168470969	1	Standard
	V	51	-0.020	ug/L	0.004	20	6451	4881	0	Standard
	V-1	51	0.022	ug/L	0.002	6	292	931	2	Standard
	Cr	52	0.109	ug/L	0.012	10	18849	18886	0	Standard
	Cr	53	0.244	ug/L	0.005	2	160	870	1	Standard
	Mn	55	1085.710	ug/L	8.515	0	1532	44546242	1	Standard
>	Ge	72		ug/L			100573	82601	1	KED
	Ni	60	10.850	ug/L	0.241	2	23	15959	1	KED
	Ni	62	11.164	ug/L	0.372	3	6	2709	3	KED
	Cu	63	117.498	ug/L	1.574	1	98	502592	1	KED
	Cu	65	118.896	ug/L	0.511	0	45	249825	0	KED
	Zn	66	1046.172	ug/L	7.333	0	73	670655	0	KED
	Zn	67	973.370	ug/L	9.517	0	12	102557	0	KED
	As	75	0.121	ug/L	0.008	6	4	41	4	KED
	Se	78	0.423	ug/L	0.098	23	13	26	13	KED
	Y	89		ug/L			804838	1114279	1	Standard
	Kr	83		ug/L			330	382	7	Standard
>	In-1	115		ug/L			28284	23239	0	KED
	Mo	98	0.009	ug/L	0.004	48	7	20	32	KED
	Cd	111	8.351	ug/L	0.333	3	3	3018	3	KED
	Cd	114	8.575	ug/L	0.134	1	3	8014	0	KED
>	In	115		ug/L			1438888	1420864	2	Standard
	Ag	107	0.018	ug/L	0.002	11	55	416	11	Standard
	Sb	121	0.005	ug/L	0.001	22	380	499	7	Standard
	Sb	123	0.003	ug/L	0.001	25	357	409	5	Standard
	Ba	135	22.898	ug/L	0.187	0	38	191987	2	Standard
	Ba	137	22.957	ug/L	0.445	1	69	335230	2	Standard
>	Tb	159		ug/L			3033563	2932923	0	Standard
	Tl	205	0.071	ug/L	0.001	1	71	7372	1	Standard
	Pb	208	0.305	ug/L	0.005	1	536	41769	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:43:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	923634	0	Standard
	Be	9	22.940	ug/L	0.260	1	10	137904	0	Standard
	C	13		ug/L			23319	41703	1	Standard
	Cl	37		ug/L			7703668	5281713	0	Standard
>	Sc	45		ug/L			1469921	1208109	1	Standard
	Al	27	10596.731	ug/L	104.185	0	3506	261096960	0	Standard
	V	51	20.875	ug/L	0.202	0	6451	617627	1	Standard
	V-1	51	21.094	ug/L	0.138	0	292	621895	1	Standard
	Cr	52	20.886	ug/L	0.231	1	18849	545987	1	Standard
	Cr	53	21.593	ug/L	0.101	0	160	63061	1	Standard
	Mn	55	1098.524	ug/L	16.174	1	1532	43555695	1	Standard
>	Ge	72		ug/L			100573	79851	1	KED
	Ni	60	35.068	ug/L	0.606	1	23	49824	0	KED
	Ni	62	34.986	ug/L	0.840	2	6	8196	2	KED
	Cu	63	140.107	ug/L	1.543	1	98	579325	0	KED
	Cu	65	143.112	ug/L	1.559	1	45	290676	0	KED
	Zn	66	1113.148	ug/L	7.336	0	73	689836	0	KED
	Zn	67	1041.052	ug/L	5.917	0	12	106038	0	KED
	As	75	24.498	ug/L	0.351	1	4	7309	0	KED
	Se	78	76.557	ug/L	0.902	1	13	2583	1	KED
	Y	89		ug/L			804838	1101145	2	Standard
	Kr	83		ug/L			330	394	0	Standard
>	In-1	115		ug/L			28284	22709	1	KED
	Mo	98	0.013	ug/L	0.002	13	7	27	10	KED
	Cd	111	32.506	ug/L	0.343	1	3	11472	0	KED
	Cd	114	32.744	ug/L	0.029	0	3	29904	1	KED
>	In	115		ug/L			1438888	1416095	1	Standard
	Ag	107	23.286	ug/L	0.467	2	55	472536	2	Standard
	Sb	121	0.046	ug/L	0.001	2	380	1415	1	Standard
	Sb	123	0.045	ug/L	0.001	2	357	1109	3	Standard
	Ba	135	42.996	ug/L	0.239	0	38	359225	1	Standard
	Ba	137	43.268	ug/L	0.570	1	69	629588	0	Standard
>	Tb	159		ug/L			3033563	2878430	0	Standard
	Tl	205	25.295	ug/L	0.236	0	71	2559307	1	Standard
	Pb	208	22.383	ug/L	0.083	0	536	2967079	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:49:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	896760	1	Standard
[	Be	9	23.253	ug/L	0.075	0	10	135727	1	Standard
	C	13		ug/L			23319	39607	1	Standard
	Cl	37		ug/L			7703668	5211953	0	Standard
[>	Sc	45		ug/L			1469921	1208076	0	Standard
[	Al	27	10326.434	ug/L	47.112	0	3506	254444445	0	Standard
[	V	51	20.623	ug/L	0.198	0	6451	610202	0	Standard
[	V-1	51	20.876	ug/L	0.152	0	292	615417	0	Standard
[	Cr	52	20.881	ug/L	0.121	0	18849	545854	0	Standard
[	Cr	53	21.693	ug/L	0.071	0	160	63349	0	Standard
[	Mn	55	1078.600	ug/L	20.317	1	1532	42762812	1	Standard
[>	Ge	72		ug/L			100573	81455	0	KED
[	Ni	60	35.506	ug/L	0.453	1	23	51464	0	KED
[	Ni	62	35.680	ug/L	0.628	1	6	8526	1	KED
[	Cu	63	134.618	ug/L	2.311	1	98	567835	1	KED
[	Cu	65	136.491	ug/L	1.435	1	45	282818	1	KED
[	Zn	66	1062.981	ug/L	18.719	1	73	671987	1	KED
[	Zn	67	993.500	ug/L	18.816	1	12	103228	1	KED
[	As	75	23.712	ug/L	0.296	1	4	7217	0	KED
[	Se	78	76.934	ug/L	3.312	4	13	2648	3	KED
	Y	89		ug/L			804838	1069994	0	Standard
	Kr	83		ug/L			330	406	8	Standard
[>	In-1	115		ug/L			28284	22753	0	KED
[	Mo	98	0.013	ug/L	0.003	25	7	26	18	KED
[	Cd	111	32.685	ug/L	0.093	0	3	11558	0	KED
[	Cd	114	32.241	ug/L	0.121	0	3	29501	0	KED
[>	In	115		ug/L			1438888	1400796	0	Standard
[	Ag	107	22.553	ug/L	0.174	0	55	452748	1	Standard
[	Sb	121	0.036	ug/L	0.002	6	380	1175	4	Standard
[	Sb	123	0.034	ug/L	0.002	6	357	911	4	Standard
[	Ba	135	42.958	ug/L	0.321	0	38	355020	0	Standard
[	Ba	137	42.683	ug/L	0.227	0	69	614438	0	Standard
[>	Tb	159		ug/L			3033563	2833476	1	Standard
[	Tl	205	25.237	ug/L	0.303	1	71	2513312	0	Standard
[	Pb	208	22.410	ug/L	0.349	1	536	2924274	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:57:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1242167	2	Standard
	Be	**9**	**0.001**	ug/L	0.000	76	10	14	19	Standard
	C	**13**		ug/L			23319	23234	0	Standard
	Cl	**37**		ug/L			7703668	7071908	0	Standard
>	**Sc**	**45**		ug/L			1469921	1433338	1	Standard
	Al	**27**	**0.036**	ug/L	0.004	12	3506	4474	1	Standard
	V	**51**	**-0.033**	ug/L	0.002	7	6451	5158	0	Standard
	V-1	**51**	**-0.004**	ug/L	0.001	13	292	153	12	Standard
	Cr	**52**	**-0.100**	ug/L	0.008	7	18849	15355	0	Standard
	Cr	**53**	**-0.006**	ug/L	0.002	30	160	134	5	Standard
	Mn	**55**	**0.106**	ug/L	0.002	2	1532	6477	0	Standard
>	**Ge**	**72**		ug/L			100573	95025	2	KED
	Ni	**60**	**0.366**	ug/L	0.012	3	23	640	3	KED
	Ni	**62**	**0.368**	ug/L	0.054	14	6	108	15	KED
	Cu	**63**	**-0.002**	ug/L	0.001	71	98	83	9	KED
	Cu	**65**	**-0.007**	ug/L	0.002	22	45	24	15	KED
	Zn	**66**	**0.090**	ug/L	0.011	12	73	135	7	KED
	Zn	**67**	**0.120**	ug/L	0.047	38	12	26	23	KED
	As	**75**	**0.011**	ug/L	0.003	26	4	8	14	KED
	Se	**78**	**-0.014**	ug/L	0.217	1554	13	12	67	KED
	Y	**89**		ug/L			804838	797997	0	Standard
	Kr	**83**		ug/L			330	314	6	Standard
>	**In-1**	**115**		ug/L			28284	27097	1	KED
	Mo	**98**	**-0.002**	ug/L	0.001	40	7	2	65	KED
	Cd	**111**	**0.001**	ug/L	0.007	636	3	4	70	KED
	Cd	**114**	**-0.001**	ug/L	0.002	167	3	1	107	KED
>	**In**	**115**		ug/L			1438888	1671115	0	Standard
	Ag	**107**	**0.000**	ug/L	0.000	1399	55	64	13	Standard
	Sb	**121**	**-0.013**	ug/L	0.001	7	380	93	28	Standard
	Sb	**123**	**-0.017**	ug/L	0.000	2	357	81	9	Standard
	Ba	**135**	**0.027**	ug/L	0.005	18	38	314	15	Standard
	Ba	**137**	**0.023**	ug/L	0.002	7	69	477	5	Standard
>	**Tb**	**159**		ug/L			3033563	3088312	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	609	71	70	21	Standard
	Pb	**208**	**0.000**	ug/L	0.000	4926	536	546	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:02:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1253636	0	Standard
	Be	**9**	**47.596**	ug/L	0.301	0	10	388353	0	Standard
	C	**13**		ug/L			23319	24619	1	Standard
	Cl	**37**		ug/L			7703668	7095316	0	Standard
>	**Sc**	**45**		ug/L			1469921	1422958	0	Standard
	Al	**27**	**4578.517**	ug/L	32.146	0	3506	132884881	0	Standard
	V	**51**	**46.174**	ug/L	0.452	0	6451	1601546	1	Standard
	V-1	**51**	**46.629**	ug/L	0.258	0	292	1618847	0	Standard
	Cr	**52**	**46.887**	ug/L	0.526	1	18849	1421073	1	Standard
	Cr	**53**	**48.350**	ug/L	0.422	0	160	166113	1	Standard
	Mn	**55**	**50.755**	ug/L	0.434	0	1532	2371865	1	Standard
>	**Ge**	**72**		ug/L			100573	96491	1	KED
	Ni	**60**	**49.521**	ug/L	1.103	2	23	85025	2	KED
	Ni	**62**	**48.561**	ug/L	0.542	1	6	13745	0	KED
	Cu	**63**	**49.311**	ug/L	0.393	0	98	246482	2	KED
	Cu	**65**	**49.712**	ug/L	0.456	0	45	122042	1	KED
	Zn	**66**	**49.781**	ug/L	0.419	0	73	37346	1	KED
	Zn	**67**	**50.164**	ug/L	0.618	1	12	6185	1	KED
	As	**75**	**48.374**	ug/L	0.447	0	4	17437	0	KED
	Se	**78**	**47.778**	ug/L	1.027	2	13	1953	3	KED
	Y	**89**		ug/L			804838	795416	0	Standard
	Kr	**83**		ug/L			330	337	5	Standard
>	**In-1**	**115**		ug/L			28284	26459	1	KED
	Mo	**98**	**49.570**	ug/L	0.282	0	7	89569	1	KED
	Cd	**111**	**50.021**	ug/L	0.353	0	3	20569	2	KED
	Cd	**114**	**50.542**	ug/L	0.361	0	3	53776	1	KED
>	**In**	**115**		ug/L			1438888	1624445	1	Standard
	Ag	**107**	**45.878**	ug/L	0.711	1	55	1067826	0	Standard
	Sb	**121**	**48.144**	ug/L	0.359	0	380	1245882	0	Standard
	Sb	**123**	**49.804**	ug/L	0.201	0	357	965624	0	Standard
	Ba	**135**	**41.945**	ug/L	0.305	0	38	401997	1	Standard
	Ba	**137**	**41.188**	ug/L	0.405	0	69	687617	1	Standard
>	**Tb**	**159**		ug/L			3033563	3089182	0	Standard
	Tl	**205**	**50.450**	ug/L	0.700	1	71	5477658	0	Standard
	Pb	**208**	**48.589**	ug/L	0.265	0	536	6912102	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:09:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1282213	3	Standard
	Be	**9**	**-0.000**	ug/L	0.001	681	10	10	39	Standard
	C	**13**		ug/L			23319	23217	1	Standard
	Cl	**37**		ug/L			7703668	7173121	0	Standard
>	**Sc**	**45**		ug/L			1469921	1417356	1	Standard
	Al	**27**	**0.036**	ug/L	0.007	19	3506	4422	2	Standard
	V	**51**	**-0.025**	ug/L	0.003	10	6451	5350	0	Standard
	V-1	**51**	**-0.004**	ug/L	0.000	7	292	159	6	Standard
	Cr	**52**	**-0.079**	ug/L	0.008	9	18849	15829	0	Standard
	Cr	**53**	**-0.008**	ug/L	0.002	23	160	128	6	Standard
	Mn	**55**	**0.076**	ug/L	0.001	1	1532	5012	1	Standard
>	**Ge**	**72**		ug/L			100573	97183	1	KED
	Ni	**60**	**0.156**	ug/L	0.014	8	23	292	7	KED
	Ni	**62**	**0.143**	ug/L	0.041	28	6	46	26	KED
	Cu	**63**	**0.001**	ug/L	0.002	252	98	99	10	KED
	Cu	**65**	**0.002**	ug/L	0.002	71	45	48	5	KED
	Zn	**66**	**0.027**	ug/L	0.023	85	73	91	17	KED
	Zn	**67**	**0.018**	ug/L	0.031	166	12	13	28	KED
	As	**75**	**0.008**	ug/L	0.002	19	4	7	9	KED
	Se	**78**	**-0.012**	ug/L	0.037	297	13	12	12	KED
	Y	**89**		ug/L			804838	779944	1	Standard
	Kr	**83**		ug/L			330	299	7	Standard
>	**In-1**	**115**		ug/L			28284	27181	1	KED
	Mo	**98**	**0.007**	ug/L	0.002	34	7	21	22	KED
	Cd	**111**	**0.003**	ug/L	0.004	171	3	4	40	KED
	Cd	**114**	**0.000**	ug/L	0.003	3903	3	3	95	KED
>	**In**	**115**		ug/L			1438888	1596241	0	Standard
	Ag	**107**	**0.000**	ug/L	0.000	102	55	72	15	Standard
	Sb	**121**	**0.044**	ug/L	0.004	9	380	1537	6	Standard
	Sb	**123**	**0.042**	ug/L	0.002	4	357	1195	2	Standard
	Ba	**135**	**0.017**	ug/L	0.001	5	38	200	5	Standard
	Ba	**137**	**0.016**	ug/L	0.001	4	69	331	3	Standard
>	**Tb**	**159**		ug/L			3033563	3014259	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	9	71	327	8	Standard
	Pb	**208**	**0.001**	ug/L	0.000	18	536	645	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-19
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:14:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1292102	2	Standard
	Be	9	-0.000	ug/L	0.000	108	10	7	43	Standard
	C	13		ug/L			23319	51959	1	Standard
	Cl	37		ug/L			7703668	7231813	0	Standard
>	Sc	45		ug/L			1469921	1467528	0	Standard
	Al	27	3.177	ug/L	0.056	1	3506	98609	2	Standard
	V	51	-0.009	ug/L	0.006	61	6451	6115	3	Standard
	V-1	51	0.007	ug/L	0.000	5	292	545	2	Standard
	Cr	52	0.056	ug/L	0.020	35	18849	20535	2	Standard
	Cr	53	0.107	ug/L	0.005	4	160	539	3	Standard
	Mn	55	0.444	ug/L	0.003	0	1532	22922	0	Standard
>	Ge	72		ug/L			100573	99069	0	KED
	Ni	60	0.999	ug/L	0.018	1	23	1784	2	KED
	Ni	62	1.016	ug/L	0.156	15	6	301	15	KED
	Cu	63	0.036	ug/L	0.002	5	98	282	4	KED
	Cu	65	0.043	ug/L	0.010	23	45	151	17	KED
	Zn	66	0.435	ug/L	0.064	14	73	406	12	KED
	Zn	67	0.429	ug/L	0.101	23	12	66	19	KED
	As	75	0.018	ug/L	0.002	13	4	11	8	KED
	Se	78	-0.011	ug/L	0.018	157	13	13	5	KED
	Y	89		ug/L			804838	787795	1	Standard
	Kr	83		ug/L			330	322	10	Standard
>	In-1	115		ug/L			28284	26532	1	KED
	Mo	98	0.017	ug/L	0.003	20	7	37	17	KED
	Cd	111	-0.001	ug/L	0.005	460	3	3	62	KED
	Cd	114	0.002	ug/L	0.003	195	3	4	71	KED
>	In	115		ug/L			1438888	1606995	1	Standard
	Ag	107	0.000	ug/L	0.001	122	55	73	20	Standard
	Sb	121	0.057	ug/L	0.001	1	380	1880	1	Standard
	Sb	123	0.054	ug/L	0.002	3	357	1431	3	Standard
	Ba	135	0.051	ug/L	0.003	5	38	526	3	Standard
	Ba	137	0.052	ug/L	0.003	6	69	932	4	Standard
>	Tb	159		ug/L			3033563	3063810	0	Standard
	Tl	205	0.001	ug/L	0.000	18	71	163	11	Standard
	Pb	208	0.003	ug/L	0.000	4	536	982	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-22
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:18:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1273637	0	Standard
	Be	9	0.001	ug/L	0.000	43	10	15	12	Standard
	C	13		ug/L			23319	52620	0	Standard
	Cl	37		ug/L			7703668	6833297	0	Standard
>	Sc	45		ug/L			1469921	1497230	1	Standard
	Al	27	46.823	ug/L	0.405	0	3506	1433480	1	Standard
	V	51	0.094	ug/L	0.004	4	6451	9995	1	Standard
	V-1	51	0.114	ug/L	0.002	1	292	4468	0	Standard
	Cr	52	0.112	ug/L	0.014	12	18849	22739	2	Standard
	Cr	53	0.177	ug/L	0.006	3	160	801	1	Standard
	Mn	55	0.693	ug/L	0.013	1	1532	35627	1	Standard
>	Ge	72		ug/L			100573	97871	0	KED
	Ni	60	0.577	ug/L	0.008	1	23	1027	1	KED
	Ni	62	0.576	ug/L	0.109	18	6	171	18	KED
	Cu	63	0.386	ug/L	0.011	2	98	2050	2	KED
	Cu	65	0.379	ug/L	0.031	8	45	987	8	KED
	Zn	66	1.079	ug/L	0.041	3	73	891	3	KED
	Zn	67	1.157	ug/L	0.183	15	12	156	14	KED
	As	75	0.036	ug/L	0.002	5	4	17	4	KED
	Se	78	-0.016	ug/L	0.094	591	13	12	30	KED
	Y	89		ug/L			804838	808928	1	Standard
	Kr	83		ug/L			330	324	5	Standard
>	In-1	115		ug/L			28284	26698	2	KED
	Mo	98	0.558	ug/L	0.004	0	7	1024	3	KED
	Cd	111	0.020	ug/L	0.007	34	3	11	26	KED
	Cd	114	0.022	ug/L	0.004	20	3	26	18	KED
>	In	115		ug/L			1438888	1630379	0	Standard
	Ag	107	0.001	ug/L	0.001	110	55	84	28	Standard
	Sb	121	0.052	ug/L	0.002	3	380	1780	3	Standard
	Sb	123	0.052	ug/L	0.001	1	357	1424	1	Standard
	Ba	135	3.398	ug/L	0.037	1	38	32728	1	Standard
	Ba	137	3.344	ug/L	0.039	1	69	56098	0	Standard
>	Tb	159		ug/L			3033563	3090471	0	Standard
	Tl	205	0.004	ug/L	0.000	3	71	516	3	Standard
	Pb	208	0.004	ug/L	0.000	5	536	1052	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:23:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1147976	3	Standard
	Be	9	0.223	ug/L	0.013	5	10	1674	7	Standard
	C	13		ug/L			23319	52031	0	Standard
	Cl	37		ug/L			7703668	6511128	0	Standard
>	Sc	45		ug/L			1469921	1475943	0	Standard
	Al	27	1733.837	ug/L	16.278	0	3506	52196289	0	Standard
	V	51	-0.024	ug/L	0.002	10	6451	5631	1	Standard
	V-1	51	0.017	ug/L	0.000	0	292	918	0	Standard
	Cr	52	0.019	ug/L	0.010	52	18849	19516	0	Standard
	Cr	53	0.151	ug/L	0.010	6	160	698	4	Standard
	Mn	55	4986.362	ug/L	65.139	1	1532	241528246	0	Standard
>	Ge	72		ug/L			100573	88586	0	KED
	Ni	60	39.708	ug/L	0.600	1	23	62590	1	KED
	Ni	62	40.129	ug/L	1.353	3	6	10428	2	KED
	Cu	63	35.749	ug/L	0.213	0	98	164061	0	KED
	Cu	65	35.851	ug/L	0.302	0	45	80817	0	KED
	Zn	66	520.046	ug/L	3.509	0	73	357577	0	KED
	Zn	67	484.189	ug/L	10.526	2	12	54716	1	KED
	As	75	0.061	ug/L	0.009	14	4	24	11	KED
	Se	78	0.247	ug/L	0.133	53	13	21	22	KED
	Y	89		ug/L			804838	1042500	1	Standard
	Kr	83		ug/L			330	363	5	Standard
>	In-1	115		ug/L			28284	24495	0	KED
	Mo	98	0.011	ug/L	0.005	45	7	25	34	KED
	Cd	111	7.453	ug/L	0.058	0	3	2839	1	KED
	Cd	114	7.501	ug/L	0.173	2	3	7390	1	KED
>	In	115		ug/L			1438888	1516260	1	Standard
	Ag	107	0.005	ug/L	0.001	17	55	158	10	Standard
	Sb	121	0.015	ug/L	0.002	11	380	770	7	Standard
	Sb	123	0.009	ug/L	0.002	18	357	540	7	Standard
	Ba	135	13.330	ug/L	0.144	1	38	119290	2	Standard
	Ba	137	13.005	ug/L	0.193	1	69	202679	1	Standard
>	Tb	159		ug/L			3033563	2983599	0	Standard
	Tl	205	0.131	ug/L	0.002	1	71	13811	0	Standard
	Pb	208	0.056	ug/L	0.002	3	536	8279	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-24
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:27:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1194708	1	Standard
	Be	9	0.026	ug/L	0.002	8	10	215	8	Standard
	C	13		ug/L			23319	50688	0	Standard
	Cl	37		ug/L			7703668	6694706	0	Standard
>	Sc	45		ug/L			1469921	1483484	0	Standard
	Al	27	73.733	ug/L	1.349	1	3506	2234502	1	Standard
	V	51	0.061	ug/L	0.002	2	6451	8693	0	Standard
	V-1	51	0.105	ug/L	0.002	1	292	4076	1	Standard
	Cr	52	0.150	ug/L	0.008	5	18849	23717	1	Standard
	Cr	53	0.291	ug/L	0.007	2	160	1203	1	Standard
	Mn	55	697.544	ug/L	12.972	1	1532	33964953	2	Standard
>	Ge	72		ug/L			100573	88553	0	KED
	Ni	60	3.743	ug/L	0.155	4	23	5915	3	KED
	Ni	62	3.603	ug/L	0.182	5	6	940	4	KED
	Cu	63	0.599	ug/L	0.016	2	98	2833	3	KED
	Cu	65	0.641	ug/L	0.021	3	45	1483	3	KED
	Zn	66	17.139	ug/L	0.226	1	73	11842	0	KED
	Zn	67	17.726	ug/L	0.885	4	12	2012	4	KED
	As	75	0.030	ug/L	0.008	25	4	14	18	KED
	Se	78	0.071	ug/L	0.055	77	13	14	14	KED
	Y	89		ug/L			804838	789832	0	Standard
	Kr	83		ug/L			330	322	2	Standard
>	In-1	115		ug/L			28284	24922	0	KED
	Mo	98	0.028	ug/L	0.005	16	7	55	15	KED
	Cd	111	2.261	ug/L	0.075	3	3	879	4	KED
	Cd	114	2.259	ug/L	0.063	2	3	2266	3	KED
>	In	115		ug/L			1438888	1580750	1	Standard
	Ag	107	0.000	ug/L	0.000	516	55	62	18	Standard
	Sb	121	0.021	ug/L	0.001	5	380	941	1	Standard
	Sb	123	0.019	ug/L	0.000	2	357	759	1	Standard
	Ba	135	22.813	ug/L	0.232	1	38	212767	0	Standard
	Ba	137	22.327	ug/L	0.105	0	69	362720	0	Standard
>	Tb	159		ug/L			3033563	3000264	0	Standard
	Tl	205	0.010	ug/L	0.000	2	71	1151	2	Standard
	Pb	208	0.003	ug/L	0.000	11	536	921	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-25
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:32:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1218474	2	Standard
	Be	**9**	**0.003**	ug/L	0.000	16	10	32	10	Standard
	C	**13**		ug/L			23319	49786	0	Standard
	Cl	**37**		ug/L			7703668	6852158	0	Standard
>	**Sc**	**45**		ug/L			1469921	1492566	0	Standard
	Al	**27**	**3.326**	ug/L	0.083	2	3506	104809	1	Standard
	V	**51**	**0.165**	ug/L	0.002	1	6451	12512	0	Standard
	V-1	**51**	**0.208**	ug/L	0.003	1	292	7880	1	Standard
	Cr	**52**	**0.134**	ug/L	0.006	4	18849	23345	1	Standard
	Cr	**53**	**0.276**	ug/L	0.017	6	160	1156	5	Standard
	Mn	**55**	**40.203**	ug/L	0.370	0	1532	1970988	1	Standard
>	**Ge**	**72**		ug/L			100573	88547	0	KED
	Ni	**60**	**2.912**	ug/L	0.029	0	23	4607	1	KED
	Ni	**62**	**3.028**	ug/L	0.121	3	6	791	3	KED
	Cu	**63**	**0.124**	ug/L	0.006	4	98	657	4	KED
	Cu	**65**	**0.133**	ug/L	0.010	7	45	339	6	KED
	Zn	**66**	**1.440**	ug/L	0.091	6	73	1054	5	KED
	Zn	**67**	**2.120**	ug/L	0.229	10	12	250	10	KED
	As	**75**	**0.013**	ug/L	0.005	37	4	8	18	KED
	Se	**78**	**0.077**	ug/L	0.040	51	13	14	10	KED
	Y	**89**		ug/L			804838	758370	0	Standard
	Kr	**83**		ug/L			330	304	8	Standard
>	**In-1**	**115**		ug/L			28284	24613	0	KED
	Mo	**98**	**0.054**	ug/L	0.014	26	7	97	23	KED
	Cd	**111**	**0.682**	ug/L	0.017	2	3	264	1	KED
	Cd	**114**	**0.667**	ug/L	0.009	1	3	662	1	KED
>	**In**	**115**		ug/L			1438888	1564096	1	Standard
	Ag	**107**	**-0.000**	ug/L	0.000	887	55	59	16	Standard
	Sb	**121**	**0.051**	ug/L	0.002	4	380	1694	1	Standard
	Sb	**123**	**0.052**	ug/L	0.003	6	357	1352	3	Standard
	Ba	**135**	**9.717**	ug/L	0.122	1	38	89692	1	Standard
	Ba	**137**	**9.534**	ug/L	0.206	2	69	153275	0	Standard
>	**Tb**	**159**		ug/L			3033563	3009316	0	Standard
	Tl	**205**	**0.003**	ug/L	0.000	9	71	417	7	Standard
	Pb	**208**	**0.004**	ug/L	0.000	2	536	1019	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-26
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:36:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1134368	0	Standard
[	Be	9	0.117	ug/L	0.003	2	10	873	2	Standard
	C	13		ug/L			23319	51497	0	Standard
	Cl	37		ug/L			7703668	6474333	0	Standard
[>	Sc	45		ug/L			1469921	1426779	1	Standard
[	Al	27	2839.738	ug/L	2.773	0	3506	82641614	1	Standard
[	V	51	-0.034	ug/L	0.001	4	6451	5072	2	Standard
[	V-1	51	0.009	ug/L	0.001	6	292	592	5	Standard
[	Cr	52	0.002	ug/L	0.005	205	18849	18368	1	Standard
[	Cr	53	0.142	ug/L	0.003	2	160	642	1	Standard
[	Mn	55	1540.822	ug/L	9.794	0	1532	72149778	0	Standard
[>	Ge	72		ug/L			100573	85666	0	KED
[	Ni	60	17.764	ug/L	0.263	1	23	27091	1	KED
[	Ni	62	17.727	ug/L	0.382	2	6	4458	2	KED
[	Cu	63	27.503	ug/L	0.156	0	98	122078	0	KED
[	Cu	65	27.726	ug/L	0.302	1	45	60448	0	KED
[	Zn	66	206.252	ug/L	1.792	0	73	137187	1	KED
[	Zn	67	192.712	ug/L	4.504	2	12	21068	2	KED
[	As	75	0.038	ug/L	0.008	20	4	16	14	KED
[	Se	78	0.069	ug/L	0.061	88	13	14	15	KED
	Y	89		ug/L			804838	857719	2	Standard
	Kr	83		ug/L			330	326	6	Standard
[>	In-1	115		ug/L			28284	23575	2	KED
[	Mo	98	-0.000	ug/L	0.002	2444	7	6	42	KED
[	Cd	111	2.210	ug/L	0.102	4	3	812	2	KED
[	Cd	114	2.141	ug/L	0.092	4	3	2033	6	KED
[>	In	115		ug/L			1438888	1508626	3	Standard
[	Ag	107	0.002	ug/L	0.001	38	55	92	17	Standard
[	Sb	121	-0.002	ug/L	0.001	76	380	355	6	Standard
[	Sb	123	-0.007	ug/L	0.000	4	357	255	1	Standard
[	Ba	135	8.070	ug/L	0.184	2	38	71835	1	Standard
[	Ba	137	7.961	ug/L	0.101	1	69	123460	2	Standard
[>	Tb	159		ug/L			3033563	2975102	1	Standard
[	Tl	205	0.098	ug/L	0.002	2	71	10305	2	Standard
[	Pb	208	0.080	ug/L	0.001	1	536	11446	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-27
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:41:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1150468	2	Standard
[	Be	9	0.102	ug/L	0.007	7	10	771	7	Standard
	C	13		ug/L			23319	48893	1	Standard
	Cl	37		ug/L			7703668	6563550	0	Standard
[>	Sc	45		ug/L			1469921	1432250	0	Standard
[	Al	27	1162.879	ug/L	18.497	1	3506	33971593	0	Standard
[	V	51	-0.031	ug/L	0.001	3	6451	5209	0	Standard
[	V-1	51	0.015	ug/L	0.001	5	292	815	3	Standard
[	Cr	52	-0.003	ug/L	0.006	185	18849	18276	0	Standard
[	Cr	53	0.146	ug/L	0.002	1	160	660	0	Standard
[	Mn	55	941.023	ug/L	12.630	1	1532	44234730	1	Standard
[>	Ge	72		ug/L			100573	86125	0	KED
[	Ni	60	12.275	ug/L	0.034	0	23	18827	0	KED
[	Ni	62	12.235	ug/L	0.318	2	6	3095	2	KED
[	Cu	63	14.125	ug/L	0.188	1	98	63076	1	KED
[	Cu	65	14.273	ug/L	0.140	0	45	31305	0	KED
[	Zn	66	232.983	ug/L	1.293	0	73	155783	0	KED
[	Zn	67	217.086	ug/L	2.710	1	12	23857	0	KED
[	As	75	0.050	ug/L	0.005	9	4	20	7	KED
[	Se	78	0.133	ug/L	0.026	19	13	16	5	KED
	Y	89		ug/L			804838	948007	0	Standard
	Kr	83		ug/L			330	336	10	Standard
[>	In-1	115		ug/L			28284	24261	0	KED
[	Mo	98	0.009	ug/L	0.009	94	7	21	65	KED
[	Cd	111	2.718	ug/L	0.013	0	3	1027	0	KED
[	Cd	114	2.739	ug/L	0.071	2	3	2675	2	KED
[>	In	115		ug/L			1438888	1533857	1	Standard
[	Ag	107	0.003	ug/L	0.001	38	55	124	20	Standard
[	Sb	121	0.034	ug/L	0.003	9	380	1241	6	Standard
[	Sb	123	0.038	ug/L	0.007	18	357	1077	10	Standard
[	Ba	135	8.167	ug/L	0.087	1	38	73934	0	Standard
[	Ba	137	7.967	ug/L	0.081	1	69	125642	0	Standard
[>	Tb	159		ug/L			3033563	2925611	0	Standard
[	Tl	205	0.058	ug/L	0.001	2	71	6031	2	Standard
[	Pb	208	0.018	ug/L	0.001	2	536	2942	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-28
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:46:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1234286	0	Standard
	Be	9	0.000	ug/L	0.001	219	10	13	55	Standard
	C	13		ug/L			23319	48107	0	Standard
	Cl	37		ug/L			7703668	6919386	0	Standard
>	Sc	45		ug/L			1469921	1469521	1	Standard
	Al	27	3.208	ug/L	0.052	1	3506	99638	1	Standard
	V	51	0.424	ug/L	0.013	3	6451	21587	0	Standard
	V-1	51	0.469	ug/L	0.009	1	292	17103	0	Standard
	Cr	52	0.177	ug/L	0.009	5	18849	24307	0	Standard
	Cr	53	0.325	ug/L	0.005	1	160	1312	2	Standard
	Mn	55	1.085	ug/L	0.012	1	1532	53881	0	Standard
>	Ge	72		ug/L			100573	86500	1	KED
	Ni	60	0.556	ug/L	0.025	4	23	875	3	KED
	Ni	62	0.582	ug/L	0.059	10	6	153	8	KED
	Cu	63	0.144	ug/L	0.008	5	98	731	3	KED
	Cu	65	0.157	ug/L	0.016	9	45	384	7	KED
	Zn	66	1.446	ug/L	0.019	1	73	1033	1	KED
	Zn	67	2.139	ug/L	0.078	3	12	246	3	KED
	As	75	0.024	ug/L	0.006	25	4	11	16	KED
	Se	78	0.120	ug/L	0.108	90	13	16	23	KED
	Y	89		ug/L			804838	769356	0	Standard
	Kr	83		ug/L			330	303	10	Standard
>	In-1	115		ug/L			28284	24337	0	KED
	Mo	98	0.341	ug/L	0.030	8	7	574	9	KED
	Cd	111	0.178	ug/L	0.014	7	3	70	7	KED
	Cd	114	0.199	ug/L	0.021	10	3	197	9	KED
>	In	115		ug/L			1438888	1574628	1	Standard
	Ag	107	-0.000	ug/L	0.001	176	55	53	21	Standard
	Sb	121	0.020	ug/L	0.002	10	380	925	5	Standard
	Sb	123	0.018	ug/L	0.000	1	357	736	1	Standard
	Ba	135	10.526	ug/L	0.056	0	38	97818	1	Standard
	Ba	137	10.412	ug/L	0.177	1	69	168516	0	Standard
>	Tb	159		ug/L			3033563	2958603	0	Standard
	Tl	205	0.002	ug/L	0.000	9	71	246	7	Standard
	Pb	208	0.010	ug/L	0.000	2	536	1847	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-29
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:52:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1276454	0	Standard
	Be	9	-0.000	ug/L	0.000	155	10	8	48	Standard
	C	13		ug/L			23319	48735	0	Standard
	Cl	37		ug/L			7703668	7188537	0	Standard
>	Sc	45		ug/L			1469921	1496975	2	Standard
	Al	27	3.349	ug/L	0.033	0	3506	105818	2	Standard
	V	51	0.107	ug/L	0.003	2	6451	10460	3	Standard
	V-1	51	0.163	ug/L	0.004	2	292	6242	2	Standard
	Cr	52	0.148	ug/L	0.014	9	18849	23843	1	Standard
	Cr	53	0.328	ug/L	0.024	7	160	1345	4	Standard
	Mn	55	2.239	ug/L	0.036	1	1532	111544	1	Standard
>	Ge	72		ug/L			100573	89667	1	KED
	Ni	60	0.573	ug/L	0.024	4	23	935	3	KED
	Ni	62	0.661	ug/L	0.074	11	6	179	12	KED
	Cu	63	0.276	ug/L	0.007	2	98	1370	1	KED
	Cu	65	0.275	ug/L	0.015	5	45	667	5	KED
	Zn	66	0.949	ug/L	0.035	3	73	725	1	KED
	Zn	67	1.687	ug/L	0.088	5	12	203	6	KED
	As	75	0.113	ug/L	0.019	16	4	41	14	KED
	Se	78	1.187	ug/L	0.057	4	13	57	5	KED
	Y	89		ug/L			804838	781991	2	Standard
	Kr	83		ug/L			330	321	7	Standard
>	In-1	115		ug/L			28284	25159	1	KED
	Mo	98	1.280	ug/L	0.045	3	7	2206	2	KED
	Cd	111	0.012	ug/L	0.005	42	3	8	24	KED
	Cd	114	0.011	ug/L	0.002	21	3	13	17	KED
>	In	115		ug/L			1438888	1610754	1	Standard
	Ag	107	0.000	ug/L	0.000	172	55	66	12	Standard
	Sb	121	0.051	ug/L	0.003	6	380	1736	4	Standard
	Sb	123	0.052	ug/L	0.003	6	357	1390	4	Standard
	Ba	135	9.750	ug/L	0.126	1	38	92676	0	Standard
	Ba	137	9.500	ug/L	0.196	2	69	157299	1	Standard
>	Tb	159		ug/L			3033563	2990979	0	Standard
	Tl	205	0.002	ug/L	0.000	2	71	264	2	Standard
	Pb	208	0.004	ug/L	0.000	13	536	1036	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:00:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1265389	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	36	10	2	114	Standard
	C	**13**		ug/L			23319	23005	2	Standard
	Cl	**37**		ug/L			7703668	7776622	0	Standard
>	**Sc**	**45**		ug/L			1469921	1373879	0	Standard
	Al	**27**	**0.019**	ug/L	0.006	30	3506	3823	4	Standard
	V	**51**	**-0.038**	ug/L	0.000	1	6451	4751	0	Standard
	V-1	**51**	**-0.003**	ug/L	0.000	13	292	179	6	Standard
	Cr	**52**	**-0.120**	ug/L	0.001	0	18849	14143	0	Standard
	Cr	**53**	**-0.004**	ug/L	0.001	33	160	136	3	Standard
	Mn	**55**	**0.142**	ug/L	0.001	0	1532	7839	0	Standard
>	**Ge**	**72**		ug/L			100573	88232	1	KED
	Ni	**60**	**0.231**	ug/L	0.014	6	23	383	4	KED
	Ni	**62**	**0.187**	ug/L	0.040	21	6	53	18	KED
	Cu	**63**	**-0.004**	ug/L	0.003	77	98	67	22	KED
	Cu	**65**	**-0.005**	ug/L	0.005	105	45	29	35	KED
	Zn	**66**	**0.061**	ug/L	0.007	10	73	106	3	KED
	Zn	**67**	**0.041**	ug/L	0.017	40	12	15	12	KED
	As	**75**	**0.007**	ug/L	0.002	27	4	6	11	KED
	Se	**78**	**-0.066**	ug/L	0.086	129	13	9	32	KED
	Y	**89**		ug/L			804838	764192	1	Standard
	Kr	**83**		ug/L			330	332	2	Standard
>	**In-1**	**115**		ug/L			28284	24841	2	KED
	Mo	**98**	**-0.004**	ug/L	0.000	12	7	0	225	KED
	Cd	**111**	**-0.005**	ug/L	0.004	85	3	1	91	KED
	Cd	**114**	**-0.000**	ug/L	0.004	1296	3	2	180	KED
>	**In**	**115**		ug/L			1438888	1552546	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	71	55	47	18	Standard
	Sb	**121**	**-0.012**	ug/L	0.000	2	380	111	8	Standard
	Sb	**123**	**-0.015**	ug/L	0.001	6	357	99	20	Standard
	Ba	**135**	**0.010**	ug/L	0.002	17	38	133	11	Standard
	Ba	**137**	**0.007**	ug/L	0.001	10	69	189	6	Standard
>	**Tb**	**159**		ug/L			3033563	2880582	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	27	71	47	12	Standard
	Pb	**208**	**-0.000**	ug/L	0.000	989	536	508	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:05:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1258580	0	Standard
	Be	**9**	**47.746**	ug/L	0.602	1	10	391127	1	Standard
	C	**13**		ug/L			23319	23595	2	Standard
	Cl	**37**		ug/L			7703668	7702820	0	Standard
>	**Sc**	**45**		ug/L			1469921	1387876	1	Standard
	Al	**27**	**4786.978**	ug/L	73.046	1	3506	135493674	1	Standard
	V	**51**	**45.173**	ug/L	0.404	0	6451	1528306	1	Standard
	V-1	**51**	**45.711**	ug/L	0.373	0	292	1547773	1	Standard
	Cr	**52**	**45.439**	ug/L	0.394	0	18849	1343757	2	Standard
	Cr	**53**	**47.174**	ug/L	0.337	0	160	158070	1	Standard
	Mn	**55**	**50.159**	ug/L	0.143	0	1532	2286321	2	Standard
>	**Ge**	**72**		ug/L			100573	90078	1	KED
	Ni	**60**	**48.867**	ug/L	0.465	0	23	78316	0	KED
	Ni	**62**	**48.654**	ug/L	1.981	4	6	12853	3	KED
	Cu	**63**	**49.086**	ug/L	0.622	1	98	229008	0	KED
	Cu	**65**	**49.571**	ug/L	0.275	0	45	113610	1	KED
	Zn	**66**	**49.777**	ug/L	0.221	0	73	34861	1	KED
	Zn	**67**	**49.256**	ug/L	1.057	2	12	5670	2	KED
	As	**75**	**47.603**	ug/L	0.150	0	4	16019	1	KED
	Se	**78**	**48.345**	ug/L	0.344	0	13	1845	0	KED
	Y	**89**		ug/L			804838	775050	1	Standard
	Kr	**83**		ug/L			330	328	5	Standard
>	**In-1**	**115**		ug/L			28284	24601	0	KED
	Mo	**98**	**49.529**	ug/L	0.581	1	7	83215	1	KED
	Cd	**111**	**50.700**	ug/L	1.265	2	3	19382	2	KED
	Cd	**114**	**51.308**	ug/L	0.369	0	3	50758	0	KED
>	**In**	**115**		ug/L			1438888	1531538	2	Standard
	Ag	**107**	**48.421**	ug/L	0.634	1	55	1062718	2	Standard
	Sb	**121**	**49.859**	ug/L	0.835	1	380	1216216	0	Standard
	Sb	**123**	**52.170**	ug/L	0.449	0	357	953545	1	Standard
	Ba	**135**	**42.053**	ug/L	0.395	0	38	379945	1	Standard
	Ba	**137**	**41.443**	ug/L	0.695	1	69	652133	0	Standard
>	**Tb**	**159**		ug/L			3033563	2996469	0	Standard
	Tl	**205**	**51.715**	ug/L	0.808	1	71	5446761	1	Standard
	Pb	**208**	**49.194**	ug/L	0.321	0	536	6788024	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:12:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1264671	0	Standard
	Be	**9**	**-0.001**	ug/L	0.000	25	10	6	17	Standard
	C	**13**		ug/L			23319	22420	1	Standard
	Cl	**37**		ug/L			7703668	7718818	0	Standard
>	**Sc**	**45**		ug/L			1469921	1368990	0	Standard
	Al	**27**	**0.035**	ug/L	0.004	10	3506	4255	2	Standard
	V	**51**	**-0.040**	ug/L	0.002	6	6451	4690	1	Standard
	V-1	**51**	**-0.004**	ug/L	0.000	8	292	140	8	Standard
	Cr	**52**	**-0.126**	ug/L	0.005	3	18849	13931	1	Standard
	Cr	**53**	**-0.009**	ug/L	0.006	61	160	119	15	Standard
	Mn	**55**	**0.117**	ug/L	0.001	0	1532	6665	0	Standard
>	**Ge**	**72**		ug/L			100573	89968	1	KED
	Ni	**60**	**0.159**	ug/L	0.009	5	23	274	3	KED
	Ni	**62**	**0.186**	ug/L	0.049	26	6	54	22	KED
	Cu	**63**	**0.001**	ug/L	0.004	313	98	93	20	KED
	Cu	**65**	**0.002**	ug/L	0.006	301	45	45	31	KED
	Zn	**66**	**0.028**	ug/L	0.029	100	73	85	23	KED
	Zn	**67**	**0.055**	ug/L	0.018	33	12	17	11	KED
	As	**75**	**0.006**	ug/L	0.004	63	4	6	20	KED
	Se	**78**	**-0.021**	ug/L	0.019	87	13	11	7	KED
	Y	**89**		ug/L			804838	760486	2	Standard
	Kr	**83**		ug/L			330	330	5	Standard
>	**In-1**	**115**		ug/L			28284	25240	1	KED
	Mo	**98**	**0.006**	ug/L	0.001	17	7	18	12	KED
	Cd	**111**	**-0.002**	ug/L	0.001	64	3	2	21	KED
	Cd	**114**	**0.003**	ug/L	0.005	179	3	5	91	KED
>	**In**	**115**		ug/L			1438888	1537228	1	Standard
	Ag	**107**	**0.001**	ug/L	0.000	6	55	76	2	Standard
	Sb	**121**	**0.046**	ug/L	0.006	12	380	1540	7	Standard
	Sb	**123**	**0.043**	ug/L	0.005	10	357	1173	5	Standard
	Ba	**135**	**0.010**	ug/L	0.000	2	38	129	2	Standard
	Ba	**137**	**0.009**	ug/L	0.000	4	69	211	2	Standard
>	**Tb**	**159**		ug/L			3033563	2902699	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	7	71	321	5	Standard
	Pb	**208**	**0.001**	ug/L	0.000	15	536	626	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-30
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:17:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1241416	1	Standard
	Be	9	0.000	ug/L	0.001	244	10	13	51	Standard
	C	13		ug/L			23319	48622	1	Standard
	Cl	37		ug/L			7703668	7242099	0	Standard
>	Sc	45		ug/L			1469921	1456134	0	Standard
	Al	27	5.271	ug/L	0.058	1	3506	160030	1	Standard
	V	51	0.232	ug/L	0.004	1	6451	14605	0	Standard
	V-1	51	0.271	ug/L	0.006	2	292	9931	1	Standard
	Cr	52	-0.015	ug/L	0.006	37	18849	18215	0	Standard
	Cr	53	0.115	ug/L	0.008	7	160	563	5	Standard
	Mn	55	0.204	ug/L	0.003	1	1532	11290	0	Standard
>	Ge	72		ug/L			100573	89397	0	KED
	Ni	60	0.311	ug/L	0.031	10	23	515	9	KED
	Ni	62	0.339	ug/L	0.023	6	6	94	7	KED
	Cu	63	0.377	ug/L	0.019	4	98	1830	5	KED
	Cu	65	0.385	ug/L	0.015	3	45	915	3	KED
	Zn	66	0.273	ug/L	0.019	6	73	254	4	KED
	Zn	67	0.775	ug/L	0.149	19	12	99	17	KED
	As	75	0.241	ug/L	0.011	4	4	84	5	KED
	Se	78	0.536	ug/L	0.112	20	13	32	13	KED
	Y	89		ug/L			804838	752159	0	Standard
	Kr	83		ug/L			330	317	8	Standard
>	In-1	115		ug/L			28284	24617	0	KED
	Mo	98	1.692	ug/L	0.060	3	7	2851	3	KED
	Cd	111	0.021	ug/L	0.007	34	3	11	25	KED
	Cd	114	0.019	ug/L	0.003	16	3	21	14	KED
>	In	115		ug/L			1438888	1529586	1	Standard
	Ag	107	-0.000	ug/L	0.000	311	55	55	18	Standard
	Sb	121	0.057	ug/L	0.001	1	380	1782	2	Standard
	Sb	123	0.058	ug/L	0.003	5	357	1435	2	Standard
	Ba	135	7.985	ug/L	0.144	1	38	72082	0	Standard
	Ba	137	7.863	ug/L	0.111	1	69	123638	0	Standard
>	Tb	159		ug/L			3033563	2922888	1	Standard
	Tl	205	0.002	ug/L	0.000	13	71	303	11	Standard
	Pb	208	0.004	ug/L	0.000	5	536	996	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-31
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:21:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1242622	1	Standard
	Be	9	0.000	ug/L	0.001	1363	10	10	36	Standard
	C	13		ug/L			23319	46730	1	Standard
	Cl	37		ug/L			7703668	7248501	0	Standard
>	Sc	45		ug/L			1469921	1455906	0	Standard
	Al	27	3.243	ug/L	0.041	1	3506	99779	1	Standard
	V	51	0.274	ug/L	0.002	0	6451	16092	0	Standard
	V-1	51	0.320	ug/L	0.002	0	292	11654	1	Standard
	Cr	52	0.039	ug/L	0.008	20	18849	19854	0	Standard
	Cr	53	0.189	ug/L	0.005	2	160	824	1	Standard
	Mn	55	0.216	ug/L	0.005	2	1532	11840	1	Standard
>	Ge	72		ug/L			100573	87128	1	KED
	Ni	60	0.306	ug/L	0.022	7	23	493	5	KED
	Ni	62	0.361	ug/L	0.040	11	6	97	9	KED
	Cu	63	0.224	ug/L	0.004	1	98	1095	0	KED
	Cu	65	0.217	ug/L	0.012	5	45	520	6	KED
	Zn	66	0.303	ug/L	0.039	12	73	268	8	KED
	Zn	67	0.809	ug/L	0.085	10	12	100	8	KED
	As	75	0.213	ug/L	0.013	6	4	73	7	KED
	Se	78	0.779	ug/L	0.194	24	13	40	16	KED
	Y	89		ug/L			804838	751614	0	Standard
	Kr	83		ug/L			330	339	6	Standard
>	In-1	115		ug/L			28284	24509	1	KED
	Mo	98	1.350	ug/L	0.006	0	7	2265	2	KED
	Cd	111	0.030	ug/L	0.015	49	3	14	39	KED
	Cd	114	0.035	ug/L	0.010	28	3	37	25	KED
>	In	115		ug/L			1438888	1543042	1	Standard
	Ag	107	0.001	ug/L	0.000	47	55	77	12	Standard
	Sb	121	0.059	ug/L	0.004	6	380	1846	3	Standard
	Sb	123	0.058	ug/L	0.003	4	357	1447	4	Standard
	Ba	135	7.294	ug/L	0.046	0	38	66433	1	Standard
	Ba	137	7.080	ug/L	0.180	2	69	112296	1	Standard
>	Tb	159		ug/L			3033563	2900397	0	Standard
	Tl	205	0.002	ug/L	0.000	5	71	285	4	Standard
	Pb	208	0.004	ug/L	0.000	6	536	1034	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-32
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:26:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1247515	0	Standard
	Be	9	-0.001	ug/L	0.000	68	10	6	45	Standard
	C	13		ug/L			23319	48015	1	Standard
	Cl	37		ug/L			7703668	7441437	0	Standard
>	Sc	45		ug/L			1469921	1478312	0	Standard
	Al	27	3.100	ug/L	0.059	1	3506	96994	1	Standard
	V	51	1.115	ug/L	0.019	1	6451	46523	1	Standard
	V-1	51	1.228	ug/L	0.019	1	292	44593	1	Standard
	Cr	52	0.240	ug/L	0.008	3	18849	26423	1	Standard
	Cr	53	0.619	ug/L	0.015	2	160	2368	1	Standard
	Mn	55	2.017	ug/L	0.024	1	1532	99401	1	Standard
>	Ge	72		ug/L			100573	86409	0	KED
	Ni	60	0.661	ug/L	0.019	2	23	1036	3	KED
	Ni	62	0.693	ug/L	0.092	13	6	180	12	KED
	Cu	63	0.134	ug/L	0.002	1	98	683	1	KED
	Cu	65	0.149	ug/L	0.009	6	45	365	5	KED
	Zn	66	0.829	ug/L	0.059	7	73	619	6	KED
	Zn	67	1.208	ug/L	0.277	22	12	143	21	KED
	As	75	0.354	ug/L	0.004	1	4	118	1	KED
	Se	78	0.619	ug/L	0.125	20	13	34	12	KED
	Y	89		ug/L			804838	768691	1	Standard
	Kr	83		ug/L			330	337	12	Standard
>	In-1	115		ug/L			28284	23764	0	KED
	Mo	98	1.539	ug/L	0.007	0	7	2504	0	KED
	Cd	111	0.040	ug/L	0.013	32	3	18	26	KED
	Cd	114	0.038	ug/L	0.004	9	3	39	8	KED
>	In	115		ug/L			1438888	1536103	0	Standard
	Ag	107	0.001	ug/L	0.000	35	55	82	9	Standard
	Sb	121	0.032	ug/L	0.000	0	380	1184	1	Standard
	Sb	123	0.030	ug/L	0.002	6	357	939	3	Standard
	Ba	135	7.170	ug/L	0.136	1	38	65010	1	Standard
	Ba	137	6.976	ug/L	0.075	1	69	110180	0	Standard
>	Tb	159		ug/L			3033563	2906554	0	Standard
	Tl	205	0.001	ug/L	0.000	30	71	123	13	Standard
	Pb	208	0.008	ug/L	0.000	5	536	1541	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-33
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:30:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1276184	1	Standard
[	Be	9	0.056	ug/L	0.001	1	10	478	0	Standard
	C	13		ug/L			23319	49726	0	Standard
	Cl	37		ug/L			7703668	7091194	0	Standard
[>	Sc	45		ug/L			1469921	1481293	2	Standard
[	Al	27	736.641	ug/L	13.863	1	3506	22252250	1	Standard
[	V	51	-0.035	ug/L	0.004	9	6451	5223	1	Standard
[	V-1	51	0.016	ug/L	0.000	0	292	873	2	Standard
[	Cr	52	-0.059	ug/L	0.018	30	18849	17152	2	Standard
[	Cr	53	0.108	ug/L	0.006	5	160	547	2	Standard
[	Mn	55	49.264	ug/L	0.759	1	1532	2395942	1	Standard
[>	Ge	72		ug/L			100573	84616	1	KED
[	Ni	60	3.035	ug/L	0.111	3	23	4586	2	KED
[	Ni	62	3.020	ug/L	0.120	3	6	754	2	KED
[	Cu	63	15.583	ug/L	0.240	1	98	68367	3	KED
[	Cu	65	15.580	ug/L	0.331	2	45	33564	1	KED
[	Zn	66	82.446	ug/L	1.192	1	73	54192	0	KED
[	Zn	67	78.457	ug/L	1.957	2	12	8475	0	KED
[	As	75	0.021	ug/L	0.002	10	4	10	4	KED
[	Se	78	-0.033	ug/L	0.066	197	13	10	23	KED
	Y	89		ug/L			804838	780399	2	Standard
	Kr	83		ug/L			330	352	3	Standard
[>	In-1	115		ug/L			28284	23724	0	KED
[	Mo	98	0.006	ug/L	0.001	23	7	15	14	KED
[	Cd	111	0.675	ug/L	0.089	13	3	251	12	KED
[	Cd	114	0.724	ug/L	0.061	8	3	693	7	KED
[>	In	115		ug/L			1438888	1558989	4	Standard
[	Ag	107	0.001	ug/L	0.001	74	55	81	21	Standard
[	Sb	121	-0.001	ug/L	0.001	178	380	398	5	Standard
[	Sb	123	-0.004	ug/L	0.000	13	357	319	7	Standard
[	Ba	135	14.774	ug/L	0.164	1	38	135877	3	Standard
[	Ba	137	14.487	ug/L	0.311	2	69	232005	2	Standard
[>	Tb	159		ug/L			3033563	2944915	0	Standard
[	Tl	205	0.010	ug/L	0.001	10	71	1124	9	Standard
[	Pb	208	0.007	ug/L	0.000	4	536	1433	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-34
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:35:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1199993	1	Standard
	Be	9	0.001	ug/L	0.001	101	10	15	36	Standard
	C	13		ug/L			23319	51123	0	Standard
	Cl	37		ug/L			7703668	6849030	0	Standard
>	Sc	45		ug/L			1469921	1408950	0	Standard
	Al	27	10.478	ug/L	0.154	1	3506	304448	1	Standard
	V	51	-0.019	ug/L	0.002	9	6451	5532	0	Standard
	V-1	51	0.023	ug/L	0.001	4	292	1062	3	Standard
	Cr	52	-0.079	ug/L	0.008	10	18849	15728	1	Standard
	Cr	53	0.057	ug/L	0.003	5	160	347	2	Standard
	Mn	55	272.005	ug/L	3.627	1	1532	12579296	1	Standard
>	Ge	72		ug/L			100573	83971	2	KED
	Ni	60	1.942	ug/L	0.039	2	23	2920	3	KED
	Ni	62	1.796	ug/L	0.074	4	6	447	4	KED
	Cu	63	0.500	ug/L	0.016	3	98	2255	3	KED
	Cu	65	0.512	ug/L	0.025	4	45	1129	3	KED
	Zn	66	146.776	ug/L	1.382	0	73	95708	2	KED
	Zn	67	137.680	ug/L	2.112	1	12	14753	0	KED
	As	75	0.029	ug/L	0.008	27	4	12	19	KED
	Se	78	-0.038	ug/L	0.059	153	13	10	19	KED
	Y	89		ug/L			804838	744044	1	Standard
	Kr	83		ug/L			330	366	4	Standard
>	In-1	115		ug/L			28284	23400	0	KED
	Mo	98	0.010	ug/L	0.005	50	7	22	36	KED
	Cd	111	0.149	ug/L	0.023	15	3	57	14	KED
	Cd	114	0.139	ug/L	0.009	6	3	133	6	KED
>	In	115		ug/L			1438888	1487595	2	Standard
	Ag	107	0.008	ug/L	0.001	10	55	219	9	Standard
	Sb	121	0.048	ug/L	0.002	4	380	1539	3	Standard
	Sb	123	0.047	ug/L	0.004	8	357	1194	4	Standard
	Ba	135	15.540	ug/L	0.285	1	38	136381	0	Standard
	Ba	137	15.252	ug/L	0.426	2	69	233121	1	Standard
>	Tb	159		ug/L			3033563	2982182	0	Standard
	Tl	205	0.007	ug/L	0.000	3	71	844	4	Standard
	Pb	208	0.009	ug/L	0.000	1	536	1751	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-35
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:40:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1256751	2	Standard
[	Be	9	0.003	ug/L	0.001	25	10	33	17	Standard
	C	13		ug/L			23319	54320	0	Standard
	Cl	37		ug/L			7703668	7122237	0	Standard
[>	Sc	45		ug/L			1469921	1410262	0	Standard
[	Al	27	207.349	ug/L	5.406	2	3506	5967527	2	Standard
[	V	51	0.707	ug/L	0.011	1	6451	30397	1	Standard
[	V-1	51	0.747	ug/L	0.013	1	292	25976	1	Standard
[	Cr	52	0.344	ug/L	0.018	5	18849	28286	1	Standard
[	Cr	53	0.479	ug/L	0.022	4	160	1782	3	Standard
[	Mn	55	6.128	ug/L	0.056	0	1532	285120	0	Standard
[>	Ge	72		ug/L			100573	86501	0	KED
[	Ni	60	0.408	ug/L	0.012	2	23	647	2	KED
[	Ni	62	0.452	ug/L	0.063	14	6	120	12	KED
[	Cu	63	1.510	ug/L	0.019	1	98	6849	1	KED
[	Cu	65	1.502	ug/L	0.016	1	45	3342	0	KED
[	Zn	66	2.264	ug/L	0.059	2	73	1582	2	KED
[	Zn	67	2.387	ug/L	0.173	7	12	273	6	KED
[	As	75	1.005	ug/L	0.038	3	4	328	3	KED
[	Se	78	-0.012	ug/L	0.042	348	13	11	13	KED
	Y	89		ug/L			804838	764515	1	Standard
	Kr	83		ug/L			330	367	2	Standard
[>	In-1	115		ug/L			28284	23804	0	KED
[	Mo	98	0.410	ug/L	0.008	1	7	673	1	KED
[	Cd	111	0.023	ug/L	0.005	23	3	11	16	KED
[	Cd	114	0.030	ug/L	0.002	5	3	31	5	KED
[>	In	115		ug/L			1438888	1531196	0	Standard
[	Ag	107	0.002	ug/L	0.000	6	55	102	2	Standard
[	Sb	121	0.054	ug/L	0.002	4	380	1719	3	Standard
[	Sb	123	0.053	ug/L	0.001	2	357	1352	1	Standard
[	Ba	135	4.791	ug/L	0.013	0	38	43318	0	Standard
[	Ba	137	4.674	ug/L	0.020	0	69	73607	0	Standard
[>	Tb	159		ug/L			3033563	2920909	0	Standard
[	Tl	205	0.005	ug/L	0.000	7	71	542	6	Standard
[	Pb	208	0.238	ug/L	0.003	1	536	32534	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-37
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:44:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1228759	1	Standard
	Be	9	-0.000	ug/L	0.000	122	10	7	43	Standard
	C	13		ug/L			23319	50965	1	Standard
	Cl	37		ug/L			7703668	7194064	1	Standard
>	Sc	45		ug/L			1469921	1403984	1	Standard
	Al	27	21.013	ug/L	0.072	0	3506	605096	1	Standard
	V	51	0.238	ug/L	0.001	0	6451	14291	0	Standard
	V-1	51	0.279	ug/L	0.004	1	292	9827	1	Standard
	Cr	52	0.133	ug/L	0.009	6	18849	21929	1	Standard
	Cr	53	0.265	ug/L	0.004	1	160	1050	1	Standard
	Mn	55	0.528	ug/L	0.007	1	1532	25793	0	Standard
>	Ge	72		ug/L			100573	88522	1	KED
	Ni	60	0.287	ug/L	0.021	7	23	472	8	KED
	Ni	62	0.292	ug/L	0.084	28	6	81	25	KED
	Cu	63	0.683	ug/L	0.010	1	98	3216	0	KED
	Cu	65	0.690	ug/L	0.013	1	45	1593	3	KED
	Zn	66	33.106	ug/L	0.069	0	73	22808	1	KED
	Zn	67	32.096	ug/L	0.493	1	12	3634	2	KED
	As	75	0.596	ug/L	0.030	5	4	200	4	KED
	Se	78	-0.051	ug/L	0.079	154	13	10	30	KED
	Y	89		ug/L			804838	750923	0	Standard
	Kr	83		ug/L			330	388	1	Standard
>	In-1	115		ug/L			28284	24250	0	KED
	Mo	98	0.393	ug/L	0.009	2	7	657	2	KED
	Cd	111	0.011	ug/L	0.006	58	3	7	32	KED
	Cd	114	0.011	ug/L	0.003	32	3	12	25	KED
>	In	115		ug/L			1438888	1522252	0	Standard
	Ag	107	0.000	ug/L	0.001	360	55	63	28	Standard
	Sb	121	0.100	ug/L	0.002	1	380	2826	1	Standard
	Sb	123	0.100	ug/L	0.003	2	357	2203	2	Standard
	Ba	135	2.775	ug/L	0.044	1	38	24955	0	Standard
	Ba	137	2.731	ug/L	0.047	1	69	42787	2	Standard
>	Tb	159		ug/L			3033563	2895799	0	Standard
	Tl	205	0.001	ug/L	0.000	21	71	189	14	Standard
	Pb	208	0.023	ug/L	0.000	0	536	3574	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:49:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1253215	0	Standard
	Be	9	0.002	ug/L	0.001	55	10	23	30	Standard
	C	13		ug/L			23319	53531	1	Standard
	Cl	37		ug/L			7703668	7196436	0	Standard
>	Sc	45		ug/L			1469921	1410526	0	Standard
	Al	27	135.079	ug/L	2.547	1	3506	3889051	0	Standard
	V	51	0.552	ug/L	0.005	0	6451	25106	1	Standard
	V-1	51	0.591	ug/L	0.006	1	292	20615	1	Standard
	Cr	52	0.131	ug/L	0.011	8	18849	21975	0	Standard
	Cr	53	0.262	ug/L	0.011	4	160	1047	4	Standard
	Mn	55	4.528	ug/L	0.074	1	1532	211082	1	Standard
>	Ge	72		ug/L			100573	87323	0	KED
	Ni	60	0.444	ug/L	0.014	3	23	710	3	KED
	Ni	62	0.459	ug/L	0.081	17	6	123	17	KED
	Cu	63	1.161	ug/L	0.028	2	98	5334	1	KED
	Cu	65	1.143	ug/L	0.033	2	45	2577	2	KED
	Zn	66	3.549	ug/L	0.135	3	73	2469	4	KED
	Zn	67	3.400	ug/L	0.165	4	12	389	5	KED
	As	75	0.906	ug/L	0.026	2	4	299	2	KED
	Se	78	0.026	ug/L	0.020	74	13	12	5	KED
	Y	89		ug/L			804838	754737	0	Standard
	Kr	83		ug/L			330	386	6	Standard
>	In-1	115		ug/L			28284	23930	1	KED
	Mo	98	0.373	ug/L	0.021	5	7	615	5	KED
	Cd	111	0.024	ug/L	0.006	23	3	12	16	KED
	Cd	114	0.013	ug/L	0.004	32	3	15	27	KED
>	In	115		ug/L			1438888	1520614	1	Standard
	Ag	107	0.002	ug/L	0.001	30	55	97	10	Standard
	Sb	121	0.057	ug/L	0.004	7	380	1790	4	Standard
	Sb	123	0.060	ug/L	0.005	8	357	1460	5	Standard
	Ba	135	3.583	ug/L	0.053	1	38	32176	0	Standard
	Ba	137	3.515	ug/L	0.019	0	69	54986	0	Standard
>	Tb	159		ug/L			3033563	2862740	1	Standard
	Tl	205	0.003	ug/L	0.000	15	71	351	11	Standard
	Pb	208	0.170	ug/L	0.002	0	536	22918	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-39
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:55:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1260685	0	Standard
[	Be	9	0.002	ug/L	0.001	36	10	24	20	Standard
	C	13		ug/L			23319	53431	0	Standard
	Cl	37		ug/L			7703668	7218373	0	Standard
[>	Sc	45		ug/L			1469921	1413782	1	Standard
[	Al	27	130.306	ug/L	2.391	1	3506	3760046	0	Standard
[	V	51	0.587	ug/L	0.015	2	6451	26363	1	Standard
[	V-1	51	0.627	ug/L	0.013	2	292	21899	2	Standard
[	Cr	52	0.285	ug/L	0.018	6	18849	26587	0	Standard
[	Cr	53	0.417	ug/L	0.007	1	160	1576	1	Standard
[	Mn	55	3.871	ug/L	0.059	1	1532	181041	0	Standard
[>	Ge	72		ug/L			100573	86815	1	KED
[	Ni	60	0.355	ug/L	0.020	5	23	567	4	KED
[	Ni	62	0.353	ug/L	0.086	24	6	95	22	KED
[	Cu	63	1.093	ug/L	0.043	3	98	4997	4	KED
[	Cu	65	1.140	ug/L	0.024	2	45	2555	3	KED
[	Zn	66	25.983	ug/L	0.261	1	73	17569	1	KED
[	Zn	67	23.791	ug/L	0.632	2	12	2645	3	KED
[	As	75	0.832	ug/L	0.044	5	4	273	6	KED
[	Se	78	-0.017	ug/L	0.041	240	13	11	13	KED
	Y	89		ug/L			804838	750739	1	Standard
	Kr	83		ug/L			330	399	9	Standard
[>	In-1	115		ug/L			28284	23836	2	KED
[	Mo	98	0.413	ug/L	0.029	7	7	679	9	KED
[	Cd	111	0.011	ug/L	0.004	31	3	7	19	KED
[	Cd	114	0.020	ug/L	0.004	22	3	21	17	KED
[>	In	115		ug/L			1438888	1538114	1	Standard
[	Ag	107	0.002	ug/L	0.001	28	55	109	12	Standard
[	Sb	121	0.065	ug/L	0.001	1	380	2000	1	Standard
[	Sb	123	0.065	ug/L	0.003	4	357	1579	2	Standard
[	Ba	135	3.452	ug/L	0.032	0	38	31363	0	Standard
[	Ba	137	3.348	ug/L	0.032	0	69	52992	1	Standard
[>	Tb	159		ug/L			3033563	2850658	0	Standard
[	Tl	205	0.003	ug/L	0.000	5	71	328	4	Standard
[	Pb	208	0.145	ug/L	0.000	0	536	19601	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:03:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1214098	2	Standard
	Be	**9**	**-0.001**	ug/L	0.000	56	10	5	57	Standard
	C	**13**		ug/L			23319	22818	1	Standard
	Cl	**37**		ug/L			7703668	7456931	0	Standard
>	**Sc**	**45**		ug/L			1469921	1306323	0	Standard
	Al	**27**	**0.022**	ug/L	0.007	30	3506	3714	4	Standard
	V	**51**	**-0.036**	ug/L	0.004	10	6451	4585	2	Standard
	V-1	**51**	**-0.002**	ug/L	0.000	11	292	200	2	Standard
	Cr	**52**	**-0.120**	ug/L	0.016	12	18849	13450	2	Standard
	Cr	**53**	**-0.008**	ug/L	0.003	44	160	117	8	Standard
	Mn	**55**	**0.034**	ug/L	0.001	1	1532	2824	0	Standard
>	**Ge**	**72**		ug/L			100573	83969	1	KED
	Ni	**60**	**0.090**	ug/L	0.006	6	23	154	7	KED
	Ni	**62**	**0.087**	ug/L	0.020	23	6	26	18	KED
	Cu	**63**	**-0.004**	ug/L	0.003	57	98	62	18	KED
	Cu	**65**	**-0.002**	ug/L	0.005	328	45	34	34	KED
	Zn	**66**	**0.057**	ug/L	0.028	48	73	99	20	KED
	Zn	**67**	**0.036**	ug/L	0.088	241	12	13	67	KED
	As	**75**	**0.002**	ug/L	0.005	219	4	4	36	KED
	Se	**78**	**-0.079**	ug/L	0.106	135	13	8	43	KED
	Y	**89**		ug/L			804838	727041	1	Standard
	Kr	**83**		ug/L			330	379	5	Standard
>	**In-1**	**115**		ug/L			28284	24048	0	KED
	Mo	**98**	**-0.003**	ug/L	0.002	65	7	1	183	KED
	Cd	**111**	**-0.000**	ug/L	0.002	898	3	3	17	KED
	Cd	**114**	**-0.000**	ug/L	0.001	541	3	2	48	KED
>	**In**	**115**		ug/L			1438888	1464737	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	26	55	36	13	Standard
	Sb	**121**	**-0.013**	ug/L	0.000	1	380	80	6	Standard
	Sb	**123**	**-0.017**	ug/L	0.000	1	357	58	6	Standard
	Ba	**135**	**0.002**	ug/L	0.001	44	38	57	14	Standard
	Ba	**137**	**0.001**	ug/L	0.001	94	69	82	14	Standard
>	**Tb**	**159**		ug/L			3033563	2753821	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	34	71	41	18	Standard
	Pb	**208**	**-0.000**	ug/L	0.000	107	536	469	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:08:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1274673	1239097	1	Standard
[	**Be**	**9**	**46.854**	ug/L	0.945	2	10	377806	0	Standard
	C	**13**		ug/L			23319	22861	1	Standard
	Cl	**37**		ug/L			7703668	7553611	0	Standard
[>	**Sc**	**45**		ug/L			1469921	1348180	0	Standard
[	**Al**	**27**	**4928.562**	ug/L	22.757	0	3506	135528866	0	Standard
[	**V**	**51**	**45.113**	ug/L	0.308	0	6451	1482705	1	Standard
[	**V-1**	**51**	**45.418**	ug/L	0.304	0	292	1493969	1	Standard
[	**Cr**	**52**	**45.717**	ug/L	0.563	1	18849	1313246	1	Standard
[	**Cr**	**53**	**46.693**	ug/L	0.233	0	160	151999	1	Standard
[	**Mn**	**55**	**50.557**	ug/L	0.019	0	1532	2238437	0	Standard
[>	**Ge**	**72**		ug/L			100573	85730	0	KED
[	**Ni**	**60**	**49.035**	ug/L	0.319	0	23	74800	1	KED
[	**Ni**	**62**	**48.936**	ug/L	0.425	0	6	12307	1	KED
[	**Cu**	**63**	**48.829**	ug/L	0.707	1	98	216841	1	KED
[	**Cu**	**65**	**49.735**	ug/L	0.292	0	45	108489	0	KED
[	**Zn**	**66**	**49.048**	ug/L	0.464	0	73	32694	0	KED
[	**Zn**	**67**	**48.625**	ug/L	2.611	5	12	5326	5	KED
[	**As**	**75**	**48.099**	ug/L	0.085	0	4	15405	0	KED
[	**Se**	**78**	**48.261**	ug/L	0.802	1	13	1753	1	KED
	Y	**89**		ug/L			804838	756103	0	Standard
	Kr	**83**		ug/L			330	387	4	Standard
[>	**In-1**	**115**		ug/L			28284	23869	0	KED
[	**Mo**	**98**	**48.656**	ug/L	0.195	0	7	79319	0	KED
[	**Cd**	**111**	**49.593**	ug/L	0.214	0	3	18396	0	KED
[	**Cd**	**114**	**49.997**	ug/L	0.475	0	3	47990	0	KED
[>	**In**	**115**		ug/L			1438888	1487240	1	Standard
[	**Ag**	**107**	**49.323**	ug/L	1.512	3	55	1051169	3	Standard
[	**Sb**	**121**	**49.705**	ug/L	0.294	0	380	1177633	0	Standard
[	**Sb**	**123**	**50.972**	ug/L	0.852	1	357	904861	2	Standard
[	**Ba**	**135**	**41.787**	ug/L	0.600	1	38	366622	0	Standard
[	**Ba**	**137**	**41.227**	ug/L	0.314	0	69	630081	0	Standard
[>	**Tb**	**159**		ug/L			3033563	2902234	0	Standard
[	**Tl**	**205**	**51.477**	ug/L	0.663	1	71	5251172	0	Standard
[	**Pb**	**208**	**49.561**	ug/L	0.534	1	536	6623434	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:15:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1236875	3	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	64	10	6	45	Standard
	C	**13**		ug/L			23319	21756	0	Standard
	Cl	**37**		ug/L			7703668	7467562	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1323603	1	Standard
⌈	**Al**	**27**	**0.039**	ug/L	0.004	10	3506	4210	4	Standard
⌈	**V**	**51**	**-0.037**	ug/L	0.002	4	6451	4624	0	Standard
⌈	**V-1**	**51**	**-0.003**	ug/L	0.000	3	292	162	2	Standard
⌈	**Cr**	**52**	**-0.119**	ug/L	0.005	4	18849	13655	1	Standard
⌈	**Cr**	**53**	**-0.009**	ug/L	0.002	18	160	116	5	Standard
⌊	**Mn**	**55**	**0.027**	ug/L	0.001	3	1532	2536	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	85734	0	KED
⌈	**Ni**	**60**	**0.074**	ug/L	0.001	1	23	133	0	KED
⌈	**Ni**	**62**	**0.082**	ug/L	0.037	44	6	26	36	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.001	337	98	82	4	KED
⌈	**Cu**	**65**	**0.001**	ug/L	0.003	265	45	40	14	KED
⌈	**Zn**	**66**	**0.035**	ug/L	0.043	121	73	86	33	KED
⌈	**Zn**	**67**	**0.051**	ug/L	0.036	71	12	15	24	KED
⌈	**As**	**75**	**0.004**	ug/L	0.007	203	4	5	46	KED
⌊	**Se**	**78**	**-0.043**	ug/L	0.068	159	13	10	24	KED
	Y	**89**		ug/L			804838	737933	1	Standard
	Kr	**83**		ug/L			330	347	5	Standard
⌈>	**In-1**	**115**		ug/L			28284	23990	0	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.002	39	7	13	20	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.003	1792	3	3	34	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.005	190	3	4	90	KED
⌈>	**In**	**115**		ug/L			1438888	1503301	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	105	55	65	11	Standard
⌈	**Sb**	**121**	**0.044**	ug/L	0.001	2	380	1459	1	Standard
⌈	**Sb**	**123**	**0.043**	ug/L	0.004	9	357	1137	5	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	16	38	71	6	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.000	18	69	107	5	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2825264	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	6	71	299	4	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	29	536	627	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-40
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:20:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1255037	0	Standard
	Be	9	0.002	ug/L	0.000	16	10	27	10	Standard
	C	13		ug/L			23319	51234	0	Standard
	Cl	37		ug/L			7703668	7123390	1	Standard
>	Sc	45		ug/L			1469921	1393698	1	Standard
	Al	27	204.445	ug/L	2.038	0	3506	5814684	1	Standard
	V	51	0.738	ug/L	0.012	1	6451	31099	2	Standard
	V-1	51	0.771	ug/L	0.015	1	292	26498	3	Standard
	Cr	52	0.371	ug/L	0.010	2	18849	28736	0	Standard
	Cr	53	0.483	ug/L	0.001	0	160	1775	1	Standard
	Mn	55	6.586	ug/L	0.086	1	1532	302689	0	Standard
>	Ge	72		ug/L			100573	86004	1	KED
	Ni	60	0.425	ug/L	0.029	6	23	670	7	KED
	Ni	62	0.487	ug/L	0.034	6	6	128	6	KED
	Cu	63	2.526	ug/L	0.051	2	98	11330	1	KED
	Cu	65	2.576	ug/L	0.051	1	45	5674	2	KED
	Zn	66	2.649	ug/L	0.072	2	73	1831	3	KED
	Zn	67	2.772	ug/L	0.238	8	12	314	7	KED
	As	75	1.008	ug/L	0.013	1	4	327	2	KED
	Se	78	-0.066	ug/L	0.108	163	13	9	42	KED
	Y	89		ug/L			804838	752644	1	Standard
	Kr	83		ug/L			330	338	3	Standard
>	In-1	115		ug/L			28284	24019	0	KED
	Mo	98	0.386	ug/L	0.010	2	7	639	2	KED
	Cd	111	0.038	ug/L	0.018	47	3	17	38	KED
	Cd	114	0.033	ug/L	0.010	29	3	34	26	KED
>	In	115		ug/L			1438888	1526729	0	Standard
	Ag	107	0.002	ug/L	0.000	19	55	109	9	Standard
	Sb	121	0.150	ug/L	0.006	3	380	4063	3	Standard
	Sb	123	0.147	ug/L	0.003	2	357	3054	1	Standard
	Ba	135	4.742	ug/L	0.041	0	38	42753	0	Standard
	Ba	137	4.645	ug/L	0.033	0	69	72944	0	Standard
>	Tb	159		ug/L			3033563	2864825	1	Standard
	Tl	205	0.006	ug/L	0.001	9	71	633	9	Standard
	Pb	208	0.247	ug/L	0.003	1	536	33053	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-02
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:24:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1171721	2	Standard
	Be	9	0.144	ug/L	0.003	1	10	1110	2	Standard
	C	13		ug/L			23319	47590	1	Standard
	Cl	37		ug/L			7703668	6596250	0	Standard
>	Sc	45		ug/L			1469921	1437924	2	Standard
	Al	27	3917.827	ug/L	45.264	1	3506	114895826	1	Standard
	V	51	-0.033	ug/L	0.009	26	6451	5155	3	Standard
	V-1	51	0.026	ug/L	0.002	6	292	1194	2	Standard
	Cr	52	-0.082	ug/L	0.010	12	18849	15943	0	Standard
	Cr	53	0.109	ug/L	0.012	11	160	534	10	Standard
	Mn	55	479.624	ug/L	5.307	1	1532	22634947	1	Standard
>	Ge	72		ug/L			100573	81086	1	KED
	Ni	60	89.365	ug/L	1.456	1	23	128909	1	KED
	Ni	62	88.444	ug/L	1.237	1	6	21031	0	KED
	Cu	63	21.823	ug/L	0.285	1	98	91694	1	KED
	Cu	65	22.353	ug/L	0.567	2	45	46127	1	KED
	Zn	66	287.241	ug/L	2.009	0	73	180799	0	KED
	Zn	67	262.512	ug/L	4.610	1	12	27155	0	KED
	As	75	0.072	ug/L	0.008	11	4	25	10	KED
	Se	78	0.082	ug/L	0.023	28	13	13	6	KED
	Y	89		ug/L			804838	841452	0	Standard
	Kr	83		ug/L			330	340	11	Standard
>	In-1	115		ug/L			28284	22576	1	KED
	Mo	98	0.019	ug/L	0.002	8	7	34	6	KED
	Cd	111	2.292	ug/L	0.136	5	3	806	4	KED
	Cd	114	2.337	ug/L	0.065	2	3	2123	1	KED
>	In	115		ug/L			1438888	1471020	2	Standard
	Ag	107	0.011	ug/L	0.001	6	55	296	4	Standard
	Sb	121	0.024	ug/L	0.001	4	380	956	0	Standard
	Sb	123	0.020	ug/L	0.003	15	357	717	5	Standard
	Ba	135	11.135	ug/L	0.190	1	38	96643	0	Standard
	Ba	137	10.979	ug/L	0.210	1	69	165976	0	Standard
>	Tb	159		ug/L			3033563	2936448	1	Standard
	Tl	205	0.068	ug/L	0.001	1	71	7050	1	Standard
	Pb	208	0.130	ug/L	0.003	2	536	18088	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:29:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1201554	1	Standard
	Be	9	0.002	ug/L	0.001	33	10	26	18	Standard
	C	13		ug/L			23319	45284	1	Standard
	Cl	37		ug/L			7703668	6919771	0	Standard
>	Sc	45		ug/L			1469921	1424172	2	Standard
	Al	27	50.801	ug/L	0.445	0	3506	1478904	1	Standard
	V	51	0.435	ug/L	0.013	2	6451	21292	2	Standard
	V-1	51	0.500	ug/L	0.007	1	292	17643	2	Standard
	Cr	52	0.196	ug/L	0.023	11	18849	24113	1	Standard
	Cr	53	0.408	ug/L	0.011	2	160	1557	1	Standard
	Mn	55	27.546	ug/L	0.511	1	1532	1288749	0	Standard
>	Ge	72		ug/L			100573	79770	0	KED
	Ni	60	0.233	ug/L	0.018	7	23	349	7	KED
	Ni	62	0.201	ug/L	0.050	24	6	52	22	KED
	Cu	63	0.526	ug/L	0.014	2	98	2250	2	KED
	Cu	65	0.550	ug/L	0.015	2	45	1151	2	KED
	Zn	66	1.084	ug/L	0.124	11	73	729	10	KED
	Zn	67	2.202	ug/L	0.202	9	12	233	8	KED
	As	75	0.130	ug/L	0.018	13	4	42	12	KED
	Se	78	-0.040	ug/L	0.059	146	13	9	21	KED
	Y	89		ug/L			804838	731070	1	Standard
	Kr	83		ug/L			330	296	4	Standard
>	In-1	115		ug/L			28284	22334	1	KED
	Mo	98	0.372	ug/L	0.012	3	7	573	2	KED
	Cd	111	0.091	ug/L	0.007	7	3	34	6	KED
	Cd	114	0.085	ug/L	0.004	4	3	78	5	KED
>	In	115		ug/L			1438888	1481271	2	Standard
	Ag	107	0.003	ug/L	0.000	10	55	115	6	Standard
	Sb	121	0.040	ug/L	0.003	7	380	1331	3	Standard
	Sb	123	0.039	ug/L	0.002	6	357	1062	4	Standard
	Ba	135	18.247	ug/L	0.240	1	38	159467	1	Standard
	Ba	137	17.756	ug/L	0.287	1	69	270309	2	Standard
>	Tb	159		ug/L			3033563	2841531	0	Standard
	Tl	205	0.001	ug/L	0.000	25	71	166	14	Standard
	Pb	208	0.032	ug/L	0.001	1	536	4635	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:33:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1168201	1	Standard
[	Be	9	0.002	ug/L	0.001	44	10	27	27	Standard
	C	13		ug/L			23319	46274	0	Standard
	Cl	37		ug/L			7703668	6903878	0	Standard
[>	Sc	45		ug/L			1469921	1378758	0	Standard
[	Al	27	66.569	ug/L	0.335	0	3506	1875274	0	Standard
[	V	51	0.465	ug/L	0.011	2	6451	21614	0	Standard
[	V-1	51	0.522	ug/L	0.009	1	292	17835	1	Standard
[	Cr	52	0.163	ug/L	0.006	3	18849	22410	0	Standard
[	Cr	53	0.353	ug/L	0.015	4	160	1323	4	Standard
[	Mn	55	26.994	ug/L	0.272	1	1532	1222879	0	Standard
[>	Ge	72		ug/L			100573	77548	0	KED
[	Ni	60	0.244	ug/L	0.025	10	23	354	8	KED
[	Ni	62	0.285	ug/L	0.054	19	6	69	18	KED
[	Cu	63	0.877	ug/L	0.033	3	98	3597	3	KED
[	Cu	65	0.861	ug/L	0.056	6	45	1733	6	KED
[	Zn	66	1.213	ug/L	0.054	4	73	786	3	KED
[	Zn	67	2.309	ug/L	0.456	19	12	237	18	KED
[	As	75	0.140	ug/L	0.010	7	4	44	7	KED
[	Se	78	-0.025	ug/L	0.021	81	13	9	7	KED
	Y	89		ug/L			804838	713837	0	Standard
	Kr	83		ug/L			330	336	5	Standard
[>	In-1	115		ug/L			28284	21405	1	KED
[	Mo	98	0.393	ug/L	0.030	7	7	579	6	KED
[	Cd	111	0.073	ug/L	0.010	13	3	27	10	KED
[	Cd	114	0.086	ug/L	0.026	30	3	75	28	KED
[>	In	115		ug/L			1438888	1449736	2	Standard
[	Ag	107	0.001	ug/L	0.000	32	55	81	9	Standard
[	Sb	121	0.030	ug/L	0.002	7	380	1083	5	Standard
[	Sb	123	0.030	ug/L	0.006	19	357	876	9	Standard
[	Ba	135	18.406	ug/L	0.124	0	38	157444	1	Standard
[	Ba	137	17.848	ug/L	0.293	1	69	265889	0	Standard
[>	Tb	159		ug/L			3033563	2779492	0	Standard
[	Tl	205	0.001	ug/L	0.000	19	71	176	12	Standard
[	Pb	208	0.038	ug/L	0.001	3	536	5341	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:38:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1254212	2	Standard
	Be	9	0.000	ug/L	0.001	425	10	12	50	Standard
	C	13		ug/L			23319	46056	0	Standard
	Cl	37		ug/L			7703668	7212700	0	Standard
>	Sc	45		ug/L			1469921	1396574	0	Standard
	Al	27	3.965	ug/L	0.045	1	3506	116261	0	Standard
	V	51	-0.011	ug/L	0.005	44	6451	5760	3	Standard
	V-1	51	0.049	ug/L	0.003	5	292	1954	5	Standard
	Cr	52	0.030	ug/L	0.006	18	18849	18802	1	Standard
	Cr	53	0.224	ug/L	0.008	3	160	907	2	Standard
	Mn	55	1.481	ug/L	0.019	1	1532	69330	1	Standard
>	Ge	72		ug/L			100573	80066	2	KED
	Ni	60	0.266	ug/L	0.015	5	23	398	6	KED
	Ni	62	0.248	ug/L	0.064	25	6	63	24	KED
	Cu	63	0.233	ug/L	0.012	5	98	1041	3	KED
	Cu	65	0.239	ug/L	0.006	2	45	521	0	KED
	Zn	66	10.354	ug/L	0.138	1	73	6492	2	KED
	Zn	67	9.981	ug/L	0.196	1	12	1028	0	KED
	As	75	0.009	ug/L	0.005	58	4	6	22	KED
	Se	78	0.076	ug/L	0.041	53	13	13	11	KED
	Y	89		ug/L			804838	732233	3	Standard
	Kr	83		ug/L			330	330	3	Standard
>	In-1	115		ug/L			28284	22502	2	KED
	Mo	98	0.409	ug/L	0.009	2	7	634	0	KED
	Cd	111	0.077	ug/L	0.012	15	3	29	14	KED
	Cd	114	0.074	ug/L	0.014	19	3	69	17	KED
>	In	115		ug/L			1438888	1516136	0	Standard
	Ag	107	-0.001	ug/L	0.000	28	55	45	8	Standard
	Sb	121	0.046	ug/L	0.002	4	380	1520	2	Standard
	Sb	123	0.048	ug/L	0.001	2	357	1242	1	Standard
	Ba	135	5.920	ug/L	0.102	1	38	52994	2	Standard
	Ba	137	5.831	ug/L	0.005	0	69	90920	0	Standard
>	Tb	159		ug/L			3033563	2866153	0	Standard
	Tl	205	0.007	ug/L	0.000	3	71	757	2	Standard
	Pb	208	0.001	ug/L	0.000	40	536	580	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:43:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1232134	2	Standard
[	Be	9	0.001	ug/L	0.000	51	10	17	22	Standard
	C	13		ug/L			23319	47389	0	Standard
	Cl	37		ug/L			7703668	7240190	0	Standard
[>	Sc	45		ug/L			1469921	1384527	1	Standard
[	Al	27	3.820	ug/L	0.083	2	3506	111152	1	Standard
[	V	51	-0.007	ug/L	0.008	108	6451	5842	5	Standard
[	V-1	51	0.054	ug/L	0.001	1	292	2089	2	Standard
[	Cr	52	0.035	ug/L	0.007	21	18849	18765	2	Standard
[	Cr	53	0.230	ug/L	0.015	6	160	920	4	Standard
[	Mn	55	1.468	ug/L	0.034	2	1532	68115	1	Standard
[>	Ge	72		ug/L			100573	81297	0	KED
[	Ni	60	0.226	ug/L	0.017	7	23	346	7	KED
[	Ni	62	0.207	ug/L	0.042	20	6	54	19	KED
[	Cu	63	0.261	ug/L	0.013	5	98	1177	3	KED
[	Cu	65	0.244	ug/L	0.005	1	45	540	1	KED
[	Zn	66	10.329	ug/L	0.210	2	73	6576	2	KED
[	Zn	67	10.291	ug/L	0.293	2	12	1076	2	KED
[	As	75	0.016	ug/L	0.005	28	4	8	16	KED
[	Se	78	0.053	ug/L	0.041	77	13	12	11	KED
	Y	89		ug/L			804838	732345	1	Standard
	Kr	83		ug/L			330	323	8	Standard
[>	In-1	115		ug/L			28284	22751	0	KED
[	Mo	98	0.408	ug/L	0.027	6	7	639	6	KED
[	Cd	111	0.080	ug/L	0.019	23	3	31	20	KED
[	Cd	114	0.066	ug/L	0.014	22	3	62	21	KED
[>	In	115		ug/L			1438888	1498147	0	Standard
[	Ag	107	-0.000	ug/L	0.000	134	55	50	19	Standard
[	Sb	121	0.051	ug/L	0.002	3	380	1615	3	Standard
[	Sb	123	0.048	ug/L	0.003	6	357	1222	4	Standard
[	Ba	135	6.116	ug/L	0.058	0	38	54093	1	Standard
[	Ba	137	5.980	ug/L	0.056	0	69	92131	0	Standard
[>	Tb	159		ug/L			3033563	2789692	0	Standard
[	Tl	205	0.007	ug/L	0.000	6	71	769	5	Standard
[	Pb	208	0.001	ug/L	0.000	19	536	580	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:48:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1206472	1	Standard
	Be	**9**	**0.001**	ug/L	0.001	103	10	15	33	Standard
	C	**13**		ug/L			23319	47047	0	Standard
	Cl	**37**		ug/L			7703668	7182572	0	Standard
>	**Sc**	**45**		ug/L			1469921	1370986	0	Standard
	Al	**27**	**3.824**	ug/L	0.088	2	3506	110198	1	Standard
	V	**51**	**-0.001**	ug/L	0.005	641	6451	5991	2	Standard
	V-1	**51**	**0.054**	ug/L	0.003	5	292	2064	4	Standard
	Cr	**52**	**0.044**	ug/L	0.012	26	18849	18842	1	Standard
	Cr	**53**	**0.219**	ug/L	0.008	3	160	873	1	Standard
	Mn	**55**	**1.433**	ug/L	0.020	1	1532	65893	1	Standard
>	**Ge**	**72**		ug/L			100573	80407	1	KED
	Ni	**60**	**0.270**	ug/L	0.003	1	23	405	0	KED
	Ni	**62**	**0.283**	ug/L	0.031	10	6	71	11	KED
	Cu	**63**	**0.246**	ug/L	0.020	8	98	1102	8	KED
	Cu	**65**	**0.252**	ug/L	0.011	4	45	551	5	KED
	Zn	**66**	**10.259**	ug/L	0.110	1	73	6460	1	KED
	Zn	**67**	**10.182**	ug/L	0.426	4	12	1054	4	KED
	As	**75**	**0.018**	ug/L	0.011	59	4	9	36	KED
	Se	**78**	**0.114**	ug/L	0.148	130	13	14	33	KED
	Y	**89**		ug/L			804838	724651	1	Standard
	Kr	**83**		ug/L			330	297	2	Standard
>	**In-1**	**115**		ug/L			28284	22556	1	KED
	Mo	**98**	**0.415**	ug/L	0.024	5	7	645	6	KED
	Cd	**111**	**0.063**	ug/L	0.004	6	3	25	4	KED
	Cd	**114**	**0.075**	ug/L	0.008	10	3	70	11	KED
>	**In**	**115**		ug/L			1438888	1493828	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	21	55	43	6	Standard
	Sb	**121**	**0.054**	ug/L	0.004	7	380	1687	6	Standard
	Sb	**123**	**0.051**	ug/L	0.006	11	357	1287	7	Standard
	Ba	**135**	**5.986**	ug/L	0.097	1	38	52781	0	Standard
	Ba	**137**	**5.963**	ug/L	0.057	0	69	91593	1	Standard
>	**Tb**	**159**		ug/L			3033563	2812679	1	Standard
	Tl	**205**	**0.007**	ug/L	0.000	5	71	713	4	Standard
	Pb	**208**	**0.007**	ug/L	0.000	1	536	1353	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:54:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1184525	0	Standard
	Be	9	23.083	ug/L	0.292	1	10	177974	1	Standard
	C	13		ug/L			23319	50554	0	Standard
	Cl	37		ug/L			7703668	7319745	0	Standard
>	Sc	45		ug/L			1469921	1365621	1	Standard
	Al	27	4839.001	ug/L	34.700	0	3506	134791030	1	Standard
	V	51	21.361	ug/L	0.300	1	6451	714342	2	Standard
	V-1	51	21.651	ug/L	0.254	1	292	721594	2	Standard
	Cr	52	21.484	ug/L	0.265	1	18849	634440	2	Standard
	Cr	53	22.421	ug/L	0.149	0	160	74010	1	Standard
	Mn	55	24.049	ug/L	0.257	1	1532	1079382	2	Standard
>	Ge	72		ug/L			100573	80519	0	KED
	Ni	60	25.351	ug/L	0.162	0	23	36329	0	KED
	Ni	62	24.919	ug/L	0.186	0	6	5888	1	KED
	Cu	63	25.031	ug/L	0.104	0	98	104438	0	KED
	Cu	65	25.170	ug/L	0.178	0	45	51583	0	KED
	Zn	66	87.952	ug/L	0.834	0	73	55018	0	KED
	Zn	67	84.156	ug/L	0.061	0	12	8652	0	KED
	As	75	24.220	ug/L	0.326	1	4	7287	1	KED
	Se	78	76.940	ug/L	0.854	1	13	2618	0	KED
	Y	89		ug/L			804838	732958	0	Standard
	Kr	83		ug/L			330	340	5	Standard
>	In-1	115		ug/L			28284	22752	0	KED
	Mo	98	0.389	ug/L	0.045	11	7	610	11	KED
	Cd	111	25.378	ug/L	0.309	1	3	8974	0	KED
	Cd	114	24.948	ug/L	0.097	0	3	22827	0	KED
>	In	115		ug/L			1438888	1472178	1	Standard
	Ag	107	25.132	ug/L	0.200	0	55	530171	1	Standard
	Sb	121	0.100	ug/L	0.006	5	380	2737	6	Standard
	Sb	123	0.098	ug/L	0.006	6	357	2083	4	Standard
	Ba	135	27.128	ug/L	0.194	0	38	235622	1	Standard
	Ba	137	26.435	ug/L	0.267	1	69	399936	1	Standard
>	Tb	159		ug/L			3033563	2853275	0	Standard
	Tl	205	26.980	ug/L	0.061	0	71	2705908	0	Standard
	Pb	208	23.157	ug/L	0.258	1	536	3042948	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:59:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1169711	0	Standard
	Be	9	23.532	ug/L	0.462	1	10	179146	1	Standard
	C	13		ug/L			23319	50277	1	Standard
	Cl	37		ug/L			7703668	7277860	0	Standard
>	Sc	45		ug/L			1469921	1363104	1	Standard
	Al	27	4739.358	ug/L	56.669	1	3506	131751212	1	Standard
	V	51	21.507	ug/L	0.209	0	6451	717752	1	Standard
	V-1	51	21.701	ug/L	0.243	1	292	721795	1	Standard
	Cr	52	21.772	ug/L	0.212	0	18849	641533	2	Standard
	Cr	53	22.396	ug/L	0.078	0	160	73786	1	Standard
	Mn	55	24.018	ug/L	0.487	2	1532	1075736	1	Standard
>	Ge	72		ug/L			100573	79805	0	KED
	Ni	60	24.874	ug/L	0.119	0	23	35331	0	KED
	Ni	62	25.163	ug/L	0.496	1	6	5893	2	KED
	Cu	63	25.179	ug/L	0.150	0	98	104127	1	KED
	Cu	65	25.347	ug/L	0.261	1	45	51487	1	KED
	Zn	66	87.923	ug/L	0.398	0	73	54510	0	KED
	Zn	67	83.848	ug/L	0.535	0	12	8544	1	KED
	As	75	24.350	ug/L	0.419	1	4	7262	2	KED
	Se	78	77.067	ug/L	1.344	1	13	2599	1	KED
	Y	89		ug/L			804838	737104	2	Standard
	Kr	83		ug/L			330	337	3	Standard
>	In-1	115		ug/L			28284	22316	0	KED
	Mo	98	0.400	ug/L	0.038	9	7	615	9	KED
	Cd	111	25.907	ug/L	0.097	0	3	8986	0	KED
	Cd	114	26.143	ug/L	0.145	0	3	23462	0	KED
>	In	115		ug/L			1438888	1480111	1	Standard
	Ag	107	24.997	ug/L	0.383	1	55	530241	2	Standard
	Sb	121	0.083	ug/L	0.001	0	380	2347	0	Standard
	Sb	123	0.080	ug/L	0.004	5	357	1785	3	Standard
	Ba	135	26.811	ug/L	0.327	1	38	234127	1	Standard
	Ba	137	26.189	ug/L	0.336	1	69	398328	0	Standard
>	Tb	159		ug/L			3033563	2804084	0	Standard
	Tl	205	27.333	ug/L	0.398	1	71	2693843	1	Standard
	Pb	208	23.460	ug/L	0.310	1	536	3029682	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:07:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1214720	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	40	10	5	33	Standard
	C	**13**		ug/L			23319	22047	1	Standard
	Cl	**37**		ug/L			7703668	7358064	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1284967	0	Standard
⌈	**Al**	**27**	**0.032**	ug/L	0.003	10	3506	3907	1	Standard
⌈	**V**	**51**	**-0.038**	ug/L	0.001	3	6451	4441	1	Standard
⌈	**V-1**	**51**	**-0.003**	ug/L	0.001	20	292	171	9	Standard
⌈	**Cr**	**52**	**-0.124**	ug/L	0.006	4	18849	13115	1	Standard
⌈	**Cr**	**53**	**-0.008**	ug/L	0.002	26	160	116	5	Standard
⌊	**Mn**	**55**	**0.017**	ug/L	0.000	2	1532	2058	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	81638	1	KED
⌈	**Ni**	**60**	**0.036**	ug/L	0.003	6	23	71	4	KED
⌈	**Ni**	**62**	**0.044**	ug/L	0.035	78	6	15	54	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.003	1043	98	78	11	KED
⌈	**Cu**	**65**	**-0.000**	ug/L	0.000	157	45	36	0	KED
⌈	**Zn**	**66**	**0.039**	ug/L	0.031	80	73	84	24	KED
⌈	**Zn**	**67**	**0.070**	ug/L	0.029	41	12	17	19	KED
⌈	**As**	**75**	**0.000**	ug/L	0.006	2129	4	3	45	KED
⌊	**Se**	**78**	**-0.024**	ug/L	0.084	342	13	10	26	KED
	Y	**89**		ug/L			804838	715658	0	Standard
	Kr	**83**		ug/L			330	324	4	Standard
⌈>	**In-1**	**115**		ug/L			28284	22688	0	KED
⌈	**Mo**	**98**	**-0.003**	ug/L	0.001	20	7	1	87	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.006	371	3	2	78	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.001	63	3	4	26	KED
⌈>	**In**	**115**		ug/L			1438888	1455731	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	69	55	45	17	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.001	5	380	81	19	Standard
⌈	**Sb**	**123**	**-0.017**	ug/L	0.000	1	357	65	8	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.001	32	38	55	10	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.002	92	69	97	26	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2721369	1	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	35	71	95	10	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	93	536	532	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:12:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1210787	0	Standard
	Be	**9**	**46.677**	ug/L	0.729	1	10	367806	0	Standard
	C	**13**		ug/L			23319	22594	1	Standard
	Cl	**37**		ug/L			7703668	7552564	0	Standard
>	**Sc**	**45**		ug/L			1469921	1308951	1	Standard
	Al	**27**	**4976.072**	ug/L	121.806	2	3506	132855412	2	Standard
	V	**51**	**44.666**	ug/L	0.532	1	6451	1425227	0	Standard
	V-1	**51**	**44.933**	ug/L	0.414	0	292	1434895	0	Standard
	Cr	**52**	**44.878**	ug/L	0.178	0	18849	1251929	1	Standard
	Cr	**53**	**45.737**	ug/L	0.440	0	160	144559	1	Standard
	Mn	**55**	**47.454**	ug/L	2.324	4	1532	2040640	5	Standard
>	**Ge**	**72**		ug/L			100573	82981	0	KED
	Ni	**60**	**48.339**	ug/L	1.064	2	23	71368	1	KED
	Ni	**62**	**48.086**	ug/L	0.185	0	6	11705	0	KED
	Cu	**63**	**48.830**	ug/L	0.480	0	98	209890	1	KED
	Cu	**65**	**49.323**	ug/L	0.852	1	45	104139	1	KED
	Zn	**66**	**49.563**	ug/L	0.627	1	73	31977	0	KED
	Zn	**67**	**49.255**	ug/L	1.671	3	12	5222	2	KED
	As	**75**	**47.893**	ug/L	0.723	1	4	14846	1	KED
	Se	**78**	**48.835**	ug/L	0.736	1	13	1716	0	KED
	Y	**89**		ug/L			804838	730147	1	Standard
	Kr	**83**		ug/L			330	340	6	Standard
>	**In-1**	**115**		ug/L			28284	22913	1	KED
	Mo	**98**	**49.323**	ug/L	0.517	1	7	77180	0	KED
	Cd	**111**	**50.007**	ug/L	0.740	1	3	17805	0	KED
	Cd	**114**	**50.254**	ug/L	1.357	2	3	46298	1	KED
>	**In**	**115**		ug/L			1438888	1458454	1	Standard
	Ag	**107**	**49.050**	ug/L	1.591	3	55	1025168	3	Standard
	Sb	**121**	**49.658**	ug/L	0.838	1	380	1153914	2	Standard
	Sb	**123**	**50.741**	ug/L	0.658	1	357	883376	2	Standard
	Ba	**135**	**41.199**	ug/L	0.564	1	38	354474	0	Standard
	Ba	**137**	**40.394**	ug/L	0.565	1	69	605385	0	Standard
>	**Tb**	**159**		ug/L			3033563	2810797	0	Standard
	Tl	**205**	**52.147**	ug/L	0.131	0	71	5152039	0	Standard
	Pb	**208**	**50.187**	ug/L	0.360	0	536	6496005	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:20:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1227806	0	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	41	10	5	33	Standard
	C	**13**		ug/L			23319	21840	3	Standard
	Cl	**37**		ug/L			7703668	7474176	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1294506	1	Standard
⌈	**Al**	**27**	**0.044**	ug/L	0.003	6	3506	4244	0	Standard
⌈	**V**	**51**	**-0.043**	ug/L	0.003	7	6451	4322	2	Standard
⌈	**V-1**	**51**	**-0.004**	ug/L	0.000	1	292	140	1	Standard
⌈	**Cr**	**52**	**-0.139**	ug/L	0.010	7	18849	12823	2	Standard
⌈	**Cr**	**53**	**-0.010**	ug/L	0.002	16	160	111	4	Standard
⌊	**Mn**	**55**	**0.017**	ug/L	0.001	4	1532	2064	1	Standard
⌈>	**Ge**	**72**		ug/L			100573	82975	0	KED
⌈	**Ni**	**60**	**0.042**	ug/L	0.007	15	23	80	11	KED
⌈	**Ni**	**62**	**0.033**	ug/L	0.008	24	6	13	14	KED
⌈	**Cu**	**63**	**-0.002**	ug/L	0.002	85	98	71	11	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.001	60	45	33	6	KED
⌈	**Zn**	**66**	**0.017**	ug/L	0.016	93	73	71	14	KED
⌈	**Zn**	**67**	**0.038**	ug/L	0.089	234	12	13	67	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.002	243	4	3	20	KED
⌊	**Se**	**78**	**-0.114**	ug/L	0.062	54	13	7	29	KED
	Y	**89**		ug/L			804838	716069	0	Standard
	Kr	**83**		ug/L			330	348	8	Standard
⌈>	**In-1**	**115**		ug/L			28284	23221	1	KED
⌈	**Mo**	**98**	**0.007**	ug/L	0.004	63	7	17	39	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.004	397	3	3	41	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	57	3	0	206	KED
⌈>	**In**	**115**		ug/L			1438888	1477419	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	183	55	62	15	Standard
⌈	**Sb**	**121**	**0.043**	ug/L	0.004	8	380	1398	5	Standard
⌈	**Sb**	**123**	**0.043**	ug/L	0.004	8	357	1126	6	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.001	66	38	58	20	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	77	69	96	20	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2738791	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.001	29	71	248	22	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	20	536	647	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-07
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:24:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1216946	2	Standard
	Be	9	0.002	ug/L	0.001	64	10	24	37	Standard
	C	13		ug/L			23319	48118	0	Standard
	Cl	37		ug/L			7703668	7040230	0	Standard
>	Sc	45		ug/L			1469921	1383145	0	Standard
	Al	27	40.588	ug/L	0.303	0	3506	1148317	0	Standard
	V	51	0.204	ug/L	0.009	4	6451	12919	2	Standard
	V-1	51	0.252	ug/L	0.005	2	292	8780	2	Standard
	Cr	52	0.121	ug/L	0.007	5	18849	21270	0	Standard
	Cr	53	0.278	ug/L	0.011	3	160	1080	3	Standard
	Mn	55	0.693	ug/L	0.006	0	1532	32896	0	Standard
>	Ge	72		ug/L			100573	83379	0	KED
	Ni	60	0.311	ug/L	0.024	7	23	480	6	KED
	Ni	62	0.311	ug/L	0.057	18	6	81	16	KED
	Cu	63	3.210	ug/L	0.083	2	98	13938	1	KED
	Cu	65	3.213	ug/L	0.081	2	45	6851	1	KED
	Zn	66	61.879	ug/L	0.875	1	73	40097	0	KED
	Zn	67	58.965	ug/L	1.534	2	12	6282	3	KED
	As	75	0.183	ug/L	0.020	10	4	60	9	KED
	Se	78	0.087	ug/L	0.028	32	13	14	7	KED
	Y	89		ug/L			804838	728848	1	Standard
	Kr	83		ug/L			330	330	11	Standard
>	In-1	115		ug/L			28284	23178	1	KED
	Mo	98	0.512	ug/L	0.017	3	7	816	2	KED
	Cd	111	0.305	ug/L	0.019	6	3	113	7	KED
	Cd	114	0.296	ug/L	0.013	4	3	278	3	KED
>	In	115		ug/L			1438888	1481900	1	Standard
	Ag	107	0.003	ug/L	0.000	8	55	125	3	Standard
	Sb	121	0.083	ug/L	0.002	2	380	2351	1	Standard
	Sb	123	0.083	ug/L	0.002	2	357	1836	2	Standard
	Ba	135	5.173	ug/L	0.073	1	38	45253	0	Standard
	Ba	137	5.138	ug/L	0.027	0	69	78313	1	Standard
>	Tb	159		ug/L			3033563	2787067	1	Standard
	Tl	205	0.004	ug/L	0.000	4	71	445	4	Standard
	Pb	208	0.022	ug/L	0.001	4	536	3276	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-08
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:29:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1203822	3	Standard
	Be	9	0.001	ug/L	0.000	29	10	19	17	Standard
	C	13		ug/L			23319	49133	2	Standard
	Cl	37		ug/L			7703668	7028552	0	Standard
>	Sc	45		ug/L			1469921	1369984	1	Standard
	Al	27	11.617	ug/L	0.228	1	3506	327852	1	Standard
	V	51	0.134	ug/L	0.005	3	6451	10461	0	Standard
	V-1	51	0.177	ug/L	0.003	1	292	6200	0	Standard
	Cr	52	-0.013	ug/L	0.012	91	18849	17179	1	Standard
	Cr	53	0.130	ug/L	0.007	5	160	578	3	Standard
	Mn	55	1.843	ug/L	0.030	1	1532	84279	0	Standard
>	Ge	72		ug/L			100573	82935	1	KED
	Ni	60	0.252	ug/L	0.005	1	23	390	1	KED
	Ni	62	0.271	ug/L	0.052	19	6	71	17	KED
	Cu	63	7.931	ug/L	0.059	0	98	34138	1	KED
	Cu	65	8.015	ug/L	0.019	0	45	16944	1	KED
	Zn	66	54.459	ug/L	1.194	2	73	35105	1	KED
	Zn	67	51.714	ug/L	0.889	1	12	5479	1	KED
	As	75	0.104	ug/L	0.010	9	4	36	9	KED
	Se	78	0.016	ug/L	0.033	202	13	11	10	KED
	Y	89		ug/L			804838	726932	0	Standard
	Kr	83		ug/L			330	307	8	Standard
>	In-1	115		ug/L			28284	22914	1	KED
	Mo	98	0.788	ug/L	0.027	3	7	1239	4	KED
	Cd	111	0.410	ug/L	0.028	6	3	148	6	KED
	Cd	114	0.414	ug/L	0.023	5	3	384	6	KED
>	In	115		ug/L			1438888	1445304	2	Standard
	Ag	107	0.002	ug/L	0.001	53	55	100	22	Standard
	Sb	121	0.068	ug/L	0.003	4	380	1948	2	Standard
	Sb	123	0.067	ug/L	0.005	6	357	1519	3	Standard
	Ba	135	3.566	ug/L	0.055	1	38	30434	1	Standard
	Ba	137	3.479	ug/L	0.054	1	69	51730	0	Standard
>	Tb	159		ug/L			3033563	2784892	0	Standard
	Tl	205	0.005	ug/L	0.000	6	71	564	5	Standard
	Pb	208	0.013	ug/L	0.001	6	536	2195	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-09
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:33:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1226228	2	Standard
	Be	9	0.002	ug/L	0.001	71	10	25	42	Standard
	C	13		ug/L			23319	47442	0	Standard
	Cl	37		ug/L			7703668	7016742	0	Standard
>	Sc	45		ug/L			1469921	1370318	1	Standard
	Al	27	8.816	ug/L	0.244	2	3506	249602	1	Standard
	V	51	-0.033	ug/L	0.002	7	6451	4929	1	Standard
	V-1	51	0.030	ug/L	0.002	5	292	1278	3	Standard
	Cr	52	-0.069	ug/L	0.007	10	18849	15585	2	Standard
	Cr	53	0.134	ug/L	0.005	3	160	593	3	Standard
	Mn	55	7.178	ug/L	0.137	1	1532	324211	0	Standard
>	Ge	72		ug/L			100573	81123	1	KED
	Ni	60	0.634	ug/L	0.021	3	23	934	4	KED
	Ni	62	0.653	ug/L	0.035	5	6	160	6	KED
	Cu	63	1.281	ug/L	0.016	1	98	5461	0	KED
	Cu	65	1.301	ug/L	0.030	2	45	2719	1	KED
	Zn	66	46.982	ug/L	0.424	0	73	29637	1	KED
	Zn	67	45.781	ug/L	0.228	0	12	4746	1	KED
	As	75	0.011	ug/L	0.003	24	4	6	10	KED
	Se	78	-0.102	ug/L	0.018	17	13	7	6	KED
	Y	89		ug/L			804838	732899	0	Standard
	Kr	83		ug/L			330	330	9	Standard
>	In-1	115		ug/L			28284	22617	0	KED
	Mo	98	0.070	ug/L	0.007	9	7	114	9	KED
	Cd	111	0.411	ug/L	0.039	9	3	147	9	KED
	Cd	114	0.375	ug/L	0.026	6	3	343	6	KED
>	In	115		ug/L			1438888	1481852	2	Standard
	Ag	107	-0.000	ug/L	0.001	275	55	52	19	Standard
	Sb	121	0.051	ug/L	0.002	4	380	1600	5	Standard
	Sb	123	0.051	ug/L	0.002	4	357	1270	3	Standard
	Ba	135	27.055	ug/L	0.950	3	38	236426	1	Standard
	Ba	137	26.300	ug/L	0.679	2	69	400390	1	Standard
>	Tb	159		ug/L			3033563	2791980	0	Standard
	Tl	205	0.013	ug/L	0.000	2	71	1299	2	Standard
	Pb	208	0.001	ug/L	0.000	8	536	674	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-10
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:38:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1211351	2	Standard
	Be	9	0.006	ug/L	0.002	37	10	55	29	Standard
	C	13		ug/L			23319	47739	1	Standard
	Cl	37		ug/L			7703668	7308916	0	Standard
>	Sc	45		ug/L			1469921	1391388	0	Standard
	Al	27	27.749	ug/L	0.316	1	3506	790746	0	Standard
	V	51	0.466	ug/L	0.016	3	6451	21847	1	Standard
	V-1	51	0.519	ug/L	0.012	2	292	17882	1	Standard
	Cr	52	0.009	ug/L	0.016	171	18849	18114	1	Standard
	Cr	53	0.187	ug/L	0.005	2	160	779	2	Standard
	Mn	55	59.493	ug/L	0.614	1	1532	2718077	0	Standard
>	Ge	72		ug/L			100573	78239	1	KED
	Ni	60	0.354	ug/L	0.023	6	23	511	6	KED
	Ni	62	0.366	ug/L	0.030	8	6	88	7	KED
	Cu	63	0.404	ug/L	0.022	5	98	1713	4	KED
	Cu	65	0.417	ug/L	0.004	1	45	865	1	KED
	Zn	66	1.338	ug/L	0.093	6	73	869	6	KED
	Zn	67	4.606	ug/L	0.323	7	12	469	7	KED
	As	75	0.100	ug/L	0.011	10	4	32	10	KED
	Se	78	0.127	ug/L	0.017	13	13	14	2	KED
	Y	89		ug/L			804838	715958	1	Standard
	Kr	83		ug/L			330	332	2	Standard
>	In-1	115		ug/L			28284	21650	0	KED
	Mo	98	4.327	ug/L	0.043	0	7	6403	0	KED
	Cd	111	0.013	ug/L	0.010	76	3	7	45	KED
	Cd	114	0.023	ug/L	0.007	31	3	22	27	KED
>	In	115		ug/L			1438888	1405228	0	Standard
	Ag	107	-0.000	ug/L	0.001	217	55	46	35	Standard
	Sb	121	0.077	ug/L	0.003	3	380	2094	2	Standard
	Sb	123	0.078	ug/L	0.003	4	357	1650	3	Standard
	Ba	135	50.315	ug/L	0.282	0	38	417153	0	Standard
	Ba	137	49.407	ug/L	0.290	0	69	713492	0	Standard
>	Tb	159		ug/L			3033563	2736908	0	Standard
	Tl	205	0.003	ug/L	0.000	9	71	325	6	Standard
	Pb	208	0.017	ug/L	0.000	1	536	2607	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-11
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:42:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1211182	0	Standard
	Be	9	0.004	ug/L	0.001	22	10	40	16	Standard
	C	13		ug/L			23319	46744	1	Standard
	Cl	37		ug/L			7703668	6917478	0	Standard
>	Sc	45		ug/L			1469921	1425800	1	Standard
	Al	27	102.611	ug/L	1.107	1	3506	2987168	0	Standard
	V	51	-0.017	ug/L	0.001	7	6451	5678	1	Standard
	V-1	51	0.040	ug/L	0.000	1	292	1680	0	Standard
	Cr	52	-0.056	ug/L	0.003	6	18849	16610	0	Standard
	Cr	53	0.129	ug/L	0.005	3	160	598	2	Standard
	Mn	55	886.907	ug/L	14.936	1	1532	41499359	0	Standard
>	Ge	72		ug/L			100573	76371	1	KED
	Ni	60	8.844	ug/L	0.127	1	23	12031	0	KED
	Ni	62	8.814	ug/L	0.234	2	6	1979	4	KED
	Cu	63	16.475	ug/L	0.239	1	98	65217	1	KED
	Cu	65	16.713	ug/L	0.398	2	45	32490	0	KED
	Zn	66	1899.035	ug/L	21.097	1	73	1125457	1	KED
	Zn	67	1771.089	ug/L	12.300	0	12	172525	1	KED
	As	75	0.034	ug/L	0.006	17	4	13	11	KED
	Se	78	0.181	ug/L	0.161	88	13	16	31	KED
	Y	89		ug/L			804838	768482	0	Standard
	Kr	83		ug/L			330	365	7	Standard
>	In-1	115		ug/L			28284	21748	0	KED
	Mo	98	0.059	ug/L	0.009	15	7	93	15	KED
	Cd	111	20.333	ug/L	0.510	2	3	6874	3	KED
	Cd	114	20.486	ug/L	0.198	0	3	17917	0	KED
>	In	115		ug/L			1438888	1458553	1	Standard
	Ag	107	0.004	ug/L	0.001	18	55	132	9	Standard
	Sb	121	0.014	ug/L	0.002	12	380	719	7	Standard
	Sb	123	0.012	ug/L	0.001	7	357	568	1	Standard
	Ba	135	29.386	ug/L	0.119	0	38	252888	0	Standard
	Ba	137	28.727	ug/L	0.196	0	69	430598	0	Standard
>	Tb	159		ug/L			3033563	2886732	0	Standard
	Tl	205	0.017	ug/L	0.000	1	71	1837	0	Standard
	Pb	208	0.004	ug/L	0.000	6	536	1030	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-12
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:47:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1274673	1150760	0	Standard
[	**Be**	**9**	**0.004**	ug/L	0.001	20	10	41	16	Standard
	C	**13**		ug/L			23319	48950	2	Standard
	Cl	**37**		ug/L			7703668	6469906	0	Standard
[>	**Sc**	**45**		ug/L			1469921	1379096	2	Standard
[	**Al**	**27**	**13.652**	ug/L	0.160	1	3506	387244	1	Standard
[	**V**	**51**	**0.158**	ug/L	0.008	5	6451	11347	1	Standard
[	**V-1**	**51**	**0.218**	ug/L	0.006	2	292	7600	1	Standard
[	**Cr**	**52**	**-0.008**	ug/L	0.008	112	18849	17463	0	Standard
[	**Cr**	**53**	**0.188**	ug/L	0.003	1	160	774	1	Standard
[	**Mn**	**55**	**483.504**	ug/L	9.937	2	1532	21879762	0	Standard
[>	**Ge**	**72**		ug/L			100573	75247	0	KED
[	**Ni**	**60**	**1.061**	ug/L	0.035	3	23	1438	4	KED
[	**Ni**	**62**	**1.006**	ug/L	0.088	8	6	226	8	KED
[	**Cu**	**63**	**0.755**	ug/L	0.031	4	98	3014	3	KED
[	**Cu**	**65**	**0.726**	ug/L	0.020	2	45	1422	2	KED
[	**Zn**	**66**	**30.147**	ug/L	0.495	1	73	17658	1	KED
[	**Zn**	**67**	**28.904**	ug/L	1.069	3	12	2783	4	KED
[	**As**	**75**	**6.772**	ug/L	0.137	2	4	1906	1	KED
[	**Se**	**78**	**-0.086**	ug/L	0.054	63	13	7	22	KED
	Y	**89**		ug/L			804838	745773	0	Standard
	Kr	**83**		ug/L			330	342	6	Standard
[>	**In-1**	**115**		ug/L			28284	21033	1	KED
[	**Mo**	**98**	**1.948**	ug/L	0.047	2	7	2803	2	KED
[	**Cd**	**111**	**0.158**	ug/L	0.011	6	3	54	6	KED
[	**Cd**	**114**	**0.164**	ug/L	0.012	7	3	140	6	KED
[>	**In**	**115**		ug/L			1438888	1450157	0	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.000	64	55	62	8	Standard
[	**Sb**	**121**	**-0.001**	ug/L	0.001	81	380	360	5	Standard
[	**Sb**	**123**	**-0.004**	ug/L	0.002	41	357	284	11	Standard
[	**Ba**	**135**	**17.938**	ug/L	0.144	0	38	153499	0	Standard
[	**Ba**	**137**	**17.793**	ug/L	0.188	1	69	265197	0	Standard
[>	**Tb**	**159**		ug/L			3033563	2973655	1	Standard
[	**Tl**	**205**	**0.020**	ug/L	0.001	3	71	2162	3	Standard
[	**Pb**	**208**	**0.001**	ug/L	0.000	3	536	711	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-13
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:52:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1205416	1	Standard
[	Be	9	-0.001	ug/L	0.000	30	10	3	50	Standard
	C	13		ug/L			23319	45336	1	Standard
	Cl	37		ug/L			7703668	7195376	0	Standard
[>	Sc	45		ug/L			1469921	1350627	0	Standard
[	Al	27	5.903	ug/L	0.186	3	3506	165845	3	Standard
[	V	51	0.772	ug/L	0.014	1	6451	31260	1	Standard
[	V-1	51	0.827	ug/L	0.014	1	292	27506	2	Standard
[	Cr	52	0.130	ug/L	0.006	4	18849	21011	1	Standard
[	Cr	53	0.315	ug/L	0.024	7	160	1173	6	Standard
[	Mn	55	1.902	ug/L	0.014	0	1532	85727	1	Standard
[>	Ge	72		ug/L			100573	76963	0	KED
[	Ni	60	0.196	ug/L	0.013	6	23	286	5	KED
[	Ni	62	0.198	ug/L	0.059	29	6	49	26	KED
[	Cu	63	0.201	ug/L	0.013	6	98	874	5	KED
[	Cu	65	0.208	ug/L	0.004	2	45	442	2	KED
[	Zn	66	0.548	ug/L	0.003	0	73	383	0	KED
[	Zn	67	1.917	ug/L	0.227	11	12	197	11	KED
[	As	75	0.058	ug/L	0.011	18	4	20	15	KED
[	Se	78	0.136	ug/L	0.051	37	13	14	10	KED
	Y	89		ug/L			804838	698623	1	Standard
	Kr	83		ug/L			330	307	6	Standard
[>	In-1	115		ug/L			28284	21241	0	KED
[	Mo	98	1.915	ug/L	0.044	2	7	2784	2	KED
[	Cd	111	0.012	ug/L	0.005	43	3	6	24	KED
[	Cd	114	0.009	ug/L	0.006	62	3	10	48	KED
[>	In	115		ug/L			1438888	1407324	1	Standard
[	Ag	107	-0.000	ug/L	0.000	550	55	52	15	Standard
[	Sb	121	0.026	ug/L	0.002	8	380	963	4	Standard
[	Sb	123	0.026	ug/L	0.000	1	357	778	0	Standard
[	Ba	135	21.586	ug/L	0.254	1	38	179239	0	Standard
[	Ba	137	21.074	ug/L	0.333	1	69	304789	0	Standard
[>	Tb	159		ug/L			3033563	2750251	1	Standard
[	Tl	205	0.003	ug/L	0.000	8	71	323	5	Standard
[	Pb	208	0.006	ug/L	0.000	1	536	1186	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-14
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:57:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1092466	1	Standard
[	Be	9	0.044	ug/L	0.006	12	10	325	11	Standard
	C	13		ug/L			23319	46736	1	Standard
	Cl	37		ug/L			7703668	6455710	0	Standard
[>	Sc	45		ug/L			1469921	1359870	2	Standard
[	Al	27	1470.788	ug/L	26.680	1	3506	40788778	2	Standard
[	V	51	-0.038	ug/L	0.004	9	6451	4700	0	Standard
[	V-1	51	0.023	ug/L	0.001	6	292	1016	1	Standard
[	Cr	52	-0.071	ug/L	0.009	13	18849	15392	1	Standard
[	Cr	53	0.126	ug/L	0.001	1	160	560	1	Standard
[	Mn	55	1000.196	ug/L	10.682	1	1532	44634214	1	Standard
[>	Ge	72		ug/L			100573	72830	2	KED
[	Ni	60	8.290	ug/L	0.228	2	23	10752	0	KED
[	Ni	62	8.318	ug/L	0.222	2	6	1781	3	KED
[	Cu	63	11.227	ug/L	0.239	2	98	42401	2	KED
[	Cu	65	11.357	ug/L	0.133	1	45	21068	1	KED
[	Zn	66	163.843	ug/L	3.294	2	73	92634	0	KED
[	Zn	67	156.080	ug/L	0.376	0	12	14508	2	KED
[	As	75	0.037	ug/L	0.007	17	4	13	14	KED
[	Se	78	0.200	ug/L	0.100	49	13	16	17	KED
	Y	89		ug/L			804838	860010	1	Standard
	Kr	83		ug/L			330	324	11	Standard
[>	In-1	115		ug/L			28284	20989	0	KED
[	Mo	98	0.020	ug/L	0.011	53	7	33	44	KED
[	Cd	111	1.443	ug/L	0.045	3	3	473	2	KED
[	Cd	114	1.454	ug/L	0.043	2	3	1229	3	KED
[>	In	115		ug/L			1438888	1371573	1	Standard
[	Ag	107	0.002	ug/L	0.001	38	55	83	15	Standard
[	Sb	121	0.024	ug/L	0.002	8	380	892	6	Standard
[	Sb	123	0.022	ug/L	0.001	3	357	694	0	Standard
[	Ba	135	27.844	ug/L	0.340	1	38	225325	2	Standard
[	Ba	137	27.523	ug/L	0.349	1	69	387914	1	Standard
[>	Tb	159		ug/L			3033563	2821011	1	Standard
[	Tl	205	0.015	ug/L	0.001	4	71	1520	5	Standard
[	Pb	208	0.014	ug/L	0.001	6	536	2277	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-15
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:03:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1030746	0	Standard
	Be	9	0.192	ug/L	0.009	4	10	1299	5	Standard
	C	13		ug/L			23319	41977	0	Standard
	Cl	37		ug/L			7703668	5959798	0	Standard
>	Sc	45		ug/L			1469921	1326284	0	Standard
	Al	27	9064.406	ug/L	130.670	1	3506	245194062	1	Standard
	V	51	-0.057	ug/L	0.002	3	6451	3978	1	Standard
	V-1	51	0.014	ug/L	0.001	4	292	710	2	Standard
	Cr	52	-0.157	ug/L	0.005	3	18849	12622	1	Standard
	Cr	53	0.074	ug/L	0.003	3	160	381	2	Standard
	Mn	55	1025.404	ug/L	4.373	0	1532	44635719	0	Standard
>	Ge	72		ug/L			100573	71657	1	KED
	Ni	60	16.757	ug/L	0.397	2	23	21372	1	KED
	Ni	62	16.871	ug/L	0.180	1	6	3549	1	KED
	Cu	63	106.615	ug/L	1.656	1	98	395603	0	KED
	Cu	65	107.700	ug/L	2.127	1	45	196294	0	KED
	Zn	66	514.934	ug/L	6.184	1	73	286379	0	KED
	Zn	67	483.358	ug/L	2.397	0	12	44185	0	KED
	As	75	0.115	ug/L	0.010	8	4	34	8	KED
	Se	78	0.313	ug/L	0.111	35	13	19	16	KED
	Y	89		ug/L			804838	1114987	0	Standard
	Kr	83		ug/L			330	382	1	Standard
>	In-1	115		ug/L			28284	20200	0	KED
	Mo	98	-0.000	ug/L	0.000	1241	7	5	4	KED
	Cd	111	3.442	ug/L	0.076	2	3	1082	1	KED
	Cd	114	3.517	ug/L	0.065	1	3	2858	2	KED
>	In	115		ug/L			1438888	1361854	1	Standard
	Ag	107	0.004	ug/L	0.000	7	55	139	4	Standard
	Sb	121	0.006	ug/L	0.002	31	380	495	7	Standard
	Sb	123	0.001	ug/L	0.001	118	357	356	6	Standard
	Ba	135	18.173	ug/L	0.097	0	38	146037	1	Standard
	Ba	137	18.147	ug/L	0.279	1	69	254035	2	Standard
>	Tb	159		ug/L			3033563	2827416	0	Standard
	Tl	205	0.107	ug/L	0.001	1	71	10665	1	Standard
	Pb	208	0.138	ug/L	0.001	0	536	18421	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLJ
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:11:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1195611	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	49	10	4	65	Standard
	C	**13**		ug/L			23319	22202	0	Standard
	Cl	**37**		ug/L			7703668	7232503	0	Standard
>	**Sc**	**45**		ug/L			1469921	1279524	1	Standard
	Al	**27**	**0.034**	ug/L	0.006	17	3506	3946	3	Standard
	V	**51**	**-0.051**	ug/L	0.003	5	6451	4032	1	Standard
	V-1	**51**	**-0.004**	ug/L	0.000	2	292	120	1	Standard
	Cr	**52**	**-0.163**	ug/L	0.012	7	18849	12032	1	Standard
	Cr	**53**	**-0.010**	ug/L	0.003	32	160	108	8	Standard
	Mn	**55**	**0.034**	ug/L	0.002	5	1532	2761	1	Standard
>	**Ge**	**72**		ug/L			100573	80632	1	KED
	Ni	**60**	**0.021**	ug/L	0.001	6	23	48	2	KED
	Ni	**62**	**0.019**	ug/L	0.022	113	6	9	52	KED
	Cu	**63**	**-0.006**	ug/L	0.002	42	98	54	20	KED
	Cu	**65**	**-0.001**	ug/L	0.002	139	45	33	8	KED
	Zn	**66**	**0.079**	ug/L	0.016	19	73	108	9	KED
	Zn	**67**	**0.066**	ug/L	0.045	68	12	16	29	KED
	As	**75**	**-0.003**	ug/L	0.008	233	4	2	81	KED
	Se	**78**	**-0.057**	ug/L	0.015	25	13	9	4	KED
	Y	**89**		ug/L			804838	725264	1	Standard
	Kr	**83**		ug/L			330	300	13	Standard
>	**In-1**	**115**		ug/L			28284	22602	2	KED
	Mo	**98**	**-0.003**	ug/L	0.001	41	7	1	112	KED
	Cd	**111**	**-0.004**	ug/L	0.002	40	3	1	34	KED
	Cd	**114**	**-0.001**	ug/L	0.002	332	3	1	108	KED
>	**In**	**115**		ug/L			1438888	1462350	2	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	55	55	35	34	Standard
	Sb	**121**	**-0.013**	ug/L	0.000	1	380	84	6	Standard
	Sb	**123**	**-0.017**	ug/L	0.000	2	357	72	8	Standard
	Ba	**135**	**0.002**	ug/L	0.002	102	38	59	37	Standard
	Ba	**137**	**0.001**	ug/L	0.001	62	69	90	15	Standard
>	**Tb**	**159**		ug/L			3033563	2747858	1	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	39	71	42	20	Standard
	Pb	**208**	**-0.000**	ug/L	0.000	65	536	459	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:16:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1233902	1	Standard
	Be	9	46.454	ug/L	0.359	0	10	373067	1	Standard
	C	13		ug/L			23319	22899	1	Standard
	Cl	37		ug/L			7703668	7312733	0	Standard
>	Sc	45		ug/L			1469921	1321171	2	Standard
	Al	27	4835.306	ug/L	40.089	0	3506	130291769	1	Standard
	V	51	44.574	ug/L	0.809	1	6451	1435351	0	Standard
	V-1	51	45.001	ug/L	0.755	1	292	1450274	0	Standard
	Cr	52	44.761	ug/L	0.340	0	18849	1260220	1	Standard
	Cr	53	46.138	ug/L	0.255	0	160	147177	1	Standard
	Mn	55	47.331	ug/L	1.700	3	1532	2054200	4	Standard
>	Ge	72		ug/L			100573	82036	0	KED
	Ni	60	49.251	ug/L	0.153	0	23	71891	0	KED
	Ni	62	49.215	ug/L	0.482	0	6	11844	1	KED
	Cu	63	49.290	ug/L	0.490	0	98	209445	0	KED
	Cu	65	49.785	ug/L	0.444	0	45	103916	0	KED
	Zn	66	49.637	ug/L	0.806	1	73	31659	1	KED
	Zn	67	49.419	ug/L	0.972	1	12	5180	1	KED
	As	75	47.775	ug/L	0.415	0	4	14641	0	KED
	Se	78	48.477	ug/L	0.927	1	13	1685	2	KED
	Y	89		ug/L			804838	742022	1	Standard
	Kr	83		ug/L			330	341	7	Standard
>	In-1	115		ug/L			28284	22750	1	KED
	Mo	98	49.664	ug/L	0.359	0	7	77162	0	KED
	Cd	111	50.651	ug/L	0.341	0	3	17907	0	KED
	Cd	114	50.946	ug/L	0.662	1	3	46605	0	KED
>	In	115		ug/L			1438888	1489582	1	Standard
	Ag	107	49.815	ug/L	0.451	0	55	1063410	2	Standard
	Sb	121	49.420	ug/L	0.187	0	380	1172794	2	Standard
	Sb	123	51.371	ug/L	0.734	1	357	913276	2	Standard
	Ba	135	40.415	ug/L	0.171	0	38	355177	1	Standard
	Ba	137	40.008	ug/L	0.135	0	69	612431	1	Standard
>	Tb	159		ug/L			3033563	2838823	0	Standard
	Tl	205	52.611	ug/L	0.714	1	71	5249584	1	Standard
	Pb	208	50.336	ug/L	0.324	0	536	6580074	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:23:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1246075	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	194	10	9	20	Standard
	C	**13**		ug/L			23319	22026	1	Standard
	Cl	**37**		ug/L			7703668	7327459	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1305852	1	Standard
⌈	**Al**	**27**	**0.063**	ug/L	0.005	7	3506	4788	3	Standard
⌊	**V**	**51**	**-0.048**	ug/L	0.002	4	6451	4198	0	Standard
⌈	**V-1**	**51**	**-0.004**	ug/L	0.000	8	292	120	10	Standard
⌊	**Cr**	**52**	**-0.155**	ug/L	0.007	4	18849	12488	0	Standard
⌈	**Cr**	**53**	**-0.011**	ug/L	0.002	21	160	107	7	Standard
⌊	**Mn**	**55**	**0.027**	ug/L	0.002	6	1532	2525	3	Standard
⌈>	**Ge**	**72**		ug/L			100573	81366	1	KED
⌈	**Ni**	**60**	**0.026**	ug/L	0.001	2	23	57	0	KED
⌊	**Ni**	**62**	**0.026**	ug/L	0.007	27	6	11	16	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.002	493	98	78	10	KED
⌊	**Cu**	**65**	**-0.004**	ug/L	0.003	67	45	27	19	KED
⌈	**Zn**	**66**	**0.023**	ug/L	0.008	33	73	74	6	KED
⌊	**Zn**	**67**	**-0.002**	ug/L	0.020	936	12	9	20	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	309	4	3	18	KED
⌊	**Se**	**78**	**-0.121**	ug/L	0.018	14	13	6	7	KED
	Y	**89**		ug/L			804838	718575	0	Standard
	Kr	**83**		ug/L			330	289	5	Standard
⌈>	**In-1**	**115**		ug/L			28284	23151	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.003	67	7	12	34	KED
⌊	**Cd**	**111**	**-0.001**	ug/L	0.005	797	3	2	66	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	248	3	1	109	KED
⌈>	**In**	**115**		ug/L			1438888	1473716	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	33	55	70	7	Standard
⌈	**Sb**	**121**	**0.047**	ug/L	0.003	5	380	1488	4	Standard
⌊	**Sb**	**123**	**0.044**	ug/L	0.003	6	357	1144	5	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.002	138	38	48	27	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	62	69	94	14	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2722411	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	13	71	266	9	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	8	536	652	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-16
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:28:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1172543	0	Standard
	Be	9	0.001	ug/L	0.001	76	10	17	34	Standard
	C	13		ug/L			23319	45749	2	Standard
	Cl	37		ug/L			7703668	6915887	0	Standard
>	Sc	45		ug/L			1469921	1398016	2	Standard
	Al	27	6.012	ug/L	0.124	2	3506	174718	0	Standard
	V	51	0.079	ug/L	0.002	2	6451	8826	1	Standard
	V-1	51	0.148	ug/L	0.002	1	292	5330	0	Standard
	Cr	52	-0.078	ug/L	0.013	16	18849	15616	0	Standard
	Cr	53	0.147	ug/L	0.016	10	160	646	6	Standard
	Mn	55	861.441	ug/L	33.974	3	1532	39505769	2	Standard
>	Ge	72		ug/L			100573	75170	0	KED
	Ni	60	0.167	ug/L	0.018	10	23	241	9	KED
	Ni	62	0.177	ug/L	0.047	26	6	43	23	KED
	Cu	63	0.070	ug/L	0.004	5	98	345	4	KED
	Cu	65	0.094	ug/L	0.016	17	45	212	14	KED
	Zn	66	0.555	ug/L	0.067	12	73	379	10	KED
	Zn	67	1.251	ug/L	0.134	10	12	128	9	KED
	As	75	0.085	ug/L	0.005	5	4	27	4	KED
	Se	78	-0.079	ug/L	0.075	94	13	7	30	KED
	Y	89		ug/L			804838	709774	1	Standard
	Kr	83		ug/L			330	309	6	Standard
>	In-1	115		ug/L			28284	21118	1	KED
	Mo	98	0.279	ug/L	0.017	6	7	408	4	KED
	Cd	111	0.037	ug/L	0.014	38	3	14	30	KED
	Cd	114	0.031	ug/L	0.013	41	3	28	38	KED
>	In	115		ug/L			1438888	1405598	1	Standard
	Ag	107	0.043	ug/L	0.001	2	55	927	2	Standard
	Sb	121	0.020	ug/L	0.001	5	380	826	3	Standard
	Sb	123	0.015	ug/L	0.001	4	357	608	1	Standard
	Ba	135	12.918	ug/L	0.019	0	38	107150	0	Standard
	Ba	137	12.588	ug/L	0.153	1	69	181872	0	Standard
>	Tb	159		ug/L			3033563	2696192	0	Standard
	Tl	205	0.002	ug/L	0.001	24	71	277	19	Standard
	Pb	208	0.006	ug/L	0.000	4	536	1266	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-17
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:33:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1008029	2	Standard
	Be	9	0.241	ug/L	0.016	6	10	1586	6	Standard
	C	13		ug/L			23319	40302	0	Standard
	Cl	37		ug/L			7703668	5745602	0	Standard
>	Sc	45		ug/L			1469921	1267661	1	Standard
	Al	27	12923.527	ug/L	284.876	2	3506	334090601	1	Standard
	V	51	-0.036	ug/L	0.002	6	6451	4463	1	Standard
	V-1	51	0.034	ug/L	0.001	4	292	1296	2	Standard
	Cr	52	-0.063	ug/L	0.006	9	18849	14579	0	Standard
	Cr	53	0.162	ug/L	0.003	1	160	634	0	Standard
	Mn	55	1232.872	ug/L	22.678	1	1532	51286131	0	Standard
>	Ge	72		ug/L			100573	70247	0	KED
	Ni	60	14.868	ug/L	0.124	0	23	18595	1	KED
	Ni	62	14.997	ug/L	0.469	3	6	3093	3	KED
	Cu	63	85.972	ug/L	0.254	0	98	312784	0	KED
	Cu	65	88.353	ug/L	0.028	0	45	157897	0	KED
	Zn	66	932.231	ug/L	8.152	0	73	508282	1	KED
	Zn	67	870.318	ug/L	2.876	0	12	77990	0	KED
	As	75	0.169	ug/L	0.017	10	4	47	10	KED
	Se	78	0.605	ug/L	0.067	11	13	27	7	KED
	Y	89		ug/L			804838	1226292	1	Standard
	Kr	83		ug/L			330	434	5	Standard
>	In-1	115		ug/L			28284	19625	1	KED
	Mo	98	0.017	ug/L	0.008	46	7	27	37	KED
	Cd	111	6.528	ug/L	0.291	4	3	1992	3	KED
	Cd	114	6.697	ug/L	0.191	2	3	5288	3	KED
>	In	115		ug/L			1438888	1335231	0	Standard
	Ag	107	0.012	ug/L	0.002	13	55	276	12	Standard
	Sb	121	0.015	ug/L	0.001	7	380	681	4	Standard
	Sb	123	0.012	ug/L	0.001	11	357	523	3	Standard
	Ba	135	46.732	ug/L	0.467	1	38	368158	1	Standard
	Ba	137	47.038	ug/L	0.538	1	69	645421	1	Standard
>	Tb	159		ug/L			3033563	2698337	0	Standard
	Tl	205	0.104	ug/L	0.001	0	71	9959	0	Standard
	Pb	208	0.045	ug/L	0.001	1	536	6129	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-21
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:38:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1196709	1	Standard
	Be	9	0.002	ug/L	0.001	38	10	28	24	Standard
	C	13		ug/L			23319	46207	1	Standard
	Cl	37		ug/L			7703668	6650064	0	Standard
>	Sc	45		ug/L			1469921	1398268	0	Standard
	Al	27	26.669	ug/L	0.275	1	3506	763891	0	Standard
	V	51	0.018	ug/L	0.003	17	6451	6754	1	Standard
	V-1	51	0.080	ug/L	0.001	1	292	3011	0	Standard
	Cr	52	-0.127	ug/L	0.006	4	18849	14187	0	Standard
	Cr	53	0.075	ug/L	0.004	5	160	406	3	Standard
	Mn	55	2.353	ug/L	0.037	1	1532	109420	0	Standard
>	Ge	72		ug/L			100573	78451	0	KED
	Ni	60	1.965	ug/L	0.075	3	23	2760	3	KED
	Ni	62	2.027	ug/L	0.073	3	6	471	3	KED
	Cu	63	38.526	ug/L	0.532	1	98	156569	0	KED
	Cu	65	38.909	ug/L	0.662	1	45	77675	1	KED
	Zn	66	498.130	ug/L	3.614	0	73	303330	0	KED
	Zn	67	466.021	ug/L	2.980	0	12	46641	0	KED
	As	75	0.071	ug/L	0.015	20	4	24	17	KED
	Se	78	0.083	ug/L	0.052	62	13	13	12	KED
	Y	89		ug/L			804838	750996	1	Standard
	Kr	83		ug/L			330	293	7	Standard
>	In-1	115		ug/L			28284	22411	0	KED
	Mo	98	0.132	ug/L	0.010	7	7	208	6	KED
	Cd	111	2.506	ug/L	0.123	4	3	875	4	KED
	Cd	114	2.524	ug/L	0.037	1	3	2276	1	KED
>	In	115		ug/L			1438888	1544053	1	Standard
	Ag	107	0.003	ug/L	0.001	22	55	121	10	Standard
	Sb	121	0.069	ug/L	0.003	4	380	2106	2	Standard
	Sb	123	0.065	ug/L	0.003	4	357	1589	2	Standard
	Ba	135	12.118	ug/L	0.054	0	38	110415	0	Standard
	Ba	137	11.937	ug/L	0.044	0	69	189472	1	Standard
>	Tb	159		ug/L			3033563	2821281	1	Standard
	Tl	205	0.018	ug/L	0.001	6	71	1868	4	Standard
	Pb	208	0.004	ug/L	0.001	12	536	1083	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLK
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:46:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1182920	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	54	10	3	86	Standard
	C	**13**		ug/L			23319	21842	1	Standard
	Cl	**37**		ug/L			7703668	7249959	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1247241	0	Standard
⌈	**Al**	**27**	**0.036**	ug/L	0.004	11	3506	3880	2	Standard
⌈	**V**	**51**	**-0.050**	ug/L	0.005	10	6451	3947	4	Standard
⌈	**V-1**	**51**	**-0.004**	ug/L	0.000	9	292	133	9	Standard
⌈	**Cr**	**52**	**-0.164**	ug/L	0.012	7	18849	11689	3	Standard
⌈	**Cr**	**53**	**-0.012**	ug/L	0.006	51	160	101	17	Standard
⌊	**Mn**	**55**	**0.033**	ug/L	0.001	2	1532	2661	1	Standard
⌈>	**Ge**	**72**		ug/L			100573	77954	2	KED
⌈	**Ni**	**60**	**0.024**	ug/L	0.011	45	23	52	31	KED
⌈	**Ni**	**62**	**0.034**	ug/L	0.012	34	6	12	22	KED
⌈	**Cu**	**63**	**-0.001**	ug/L	0.001	67	98	73	1	KED
⌈	**Cu**	**65**	**-0.005**	ug/L	0.004	87	45	25	31	KED
⌈	**Zn**	**66**	**0.056**	ug/L	0.032	56	73	90	19	KED
⌈	**Zn**	**67**	**0.059**	ug/L	0.017	28	12	15	12	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.006	151	4	2	72	KED
⌊	**Se**	**78**	**-0.063**	ug/L	0.100	157	13	8	37	KED
	Y	**89**		ug/L			804838	705812	0	Standard
	Kr	**83**		ug/L			330	279	1	Standard
⌈>	**In-1**	**115**		ug/L			28284	21990	1	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.000	44	7	5	4	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.005	1324	3	2	57	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	148	3	3	52	KED
⌈>	**In**	**115**		ug/L			1438888	1445251	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	36	55	36	18	Standard
⌈	**Sb**	**121**	**-0.010**	ug/L	0.001	8	380	156	13	Standard
⌈	**Sb**	**123**	**-0.013**	ug/L	0.000	1	357	131	3	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	303	38	36	18	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.000	712	69	70	9	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2643184	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	13	71	43	6	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	163	536	480	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:51:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1190367	2	Standard
	Be	**9**	**46.972**	ug/L	0.509	1	10	363967	2	Standard
	C	**13**		ug/L			23319	22422	1	Standard
	Cl	**37**		ug/L			7703668	7303362	0	Standard
>	**Sc**	**45**		ug/L			1469921	1284509	0	Standard
	Al	**27**	**4745.457**	ug/L	42.859	0	3506	124329087	0	Standard
	V	**51**	**44.274**	ug/L	0.316	0	6451	1386450	0	Standard
	V-1	**51**	**44.532**	ug/L	0.355	0	292	1395622	0	Standard
	Cr	**52**	**44.415**	ug/L	0.555	1	18849	1215989	1	Standard
	Cr	**53**	**45.249**	ug/L	0.707	1	160	140340	1	Standard
	Mn	**55**	**45.811**	ug/L	0.518	1	1532	1932646	1	Standard
>	**Ge**	**72**		ug/L			100573	80040	1	KED
	Ni	**60**	**48.186**	ug/L	0.415	0	23	68619	0	KED
	Ni	**62**	**47.582**	ug/L	0.255	0	6	11173	2	KED
	Cu	**63**	**48.776**	ug/L	0.323	0	98	202212	1	KED
	Cu	**65**	**48.947**	ug/L	0.667	1	45	99667	0	KED
	Zn	**66**	**49.317**	ug/L	0.598	1	73	30688	0	KED
	Zn	**67**	**48.767**	ug/L	0.463	0	12	4988	2	KED
	As	**75**	**47.145**	ug/L	0.532	1	4	14096	1	KED
	Se	**78**	**48.063**	ug/L	1.232	2	13	1629	0	KED
	Y	**89**		ug/L			804838	716758	3	Standard
	Kr	**83**		ug/L			330	294	7	Standard
>	**In-1**	**115**		ug/L			28284	21738	0	KED
	Mo	**98**	**49.160**	ug/L	0.387	0	7	72985	0	KED
	Cd	**111**	**51.087**	ug/L	0.218	0	3	17259	0	KED
	Cd	**114**	**50.788**	ug/L	0.587	1	3	44397	0	KED
>	**In**	**115**		ug/L			1438888	1437867	1	Standard
	Ag	**107**	**49.399**	ug/L	0.918	1	55	1017787	1	Standard
	Sb	**121**	**49.743**	ug/L	0.419	0	380	1139516	1	Standard
	Sb	**123**	**51.631**	ug/L	0.651	1	357	886085	1	Standard
	Ba	**135**	**40.630**	ug/L	0.479	1	38	344681	1	Standard
	Ba	**137**	**40.023**	ug/L	0.286	0	69	591400	1	Standard
>	**Tb**	**159**		ug/L			3033563	2717694	0	Standard
	Tl	**205**	**52.779**	ug/L	0.565	1	71	5041873	1	Standard
	Pb	**208**	**50.910**	ug/L	0.241	0	536	6371219	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:58:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1192125	1	Standard
	Be	**9**	**-0.000**	ug/L	0.000	79	10	6	45	Standard
	C	**13**		ug/L			23319	21689	2	Standard
	Cl	**37**		ug/L			7703668	7326134	0	Standard
>	**Sc**	**45**		ug/L			1469921	1267568	1	Standard
	Al	**27**	**0.079**	ug/L	0.003	3	3506	5077	0	Standard
	V	**51**	**-0.051**	ug/L	0.002	4	6451	3990	2	Standard
	V-1	**51**	**-0.004**	ug/L	0.001	12	292	118	14	Standard
	Cr	**52**	**-0.166**	ug/L	0.005	2	18849	11843	2	Standard
	Cr	**53**	**-0.013**	ug/L	0.001	6	160	100	3	Standard
	Mn	**55**	**0.027**	ug/L	0.001	4	1532	2443	1	Standard
>	**Ge**	**72**		ug/L			100573	79816	1	KED
	Ni	**60**	**0.022**	ug/L	0.015	68	23	50	42	KED
	Ni	**62**	**0.011**	ug/L	0.008	70	6	7	25	KED
	Cu	**63**	**-0.002**	ug/L	0.001	54	98	69	5	KED
	Cu	**65**	**-0.001**	ug/L	0.003	413	45	34	20	KED
	Zn	**66**	**0.024**	ug/L	0.014	57	73	73	12	KED
	Zn	**67**	**0.037**	ug/L	0.051	136	12	13	37	KED
	As	**75**	**-0.004**	ug/L	0.002	39	4	2	20	KED
	Se	**78**	**-0.113**	ug/L	0.029	25	13	7	12	KED
	Y	**89**		ug/L			804838	709533	1	Standard
	Kr	**83**		ug/L			330	320	11	Standard
>	**In-1**	**115**		ug/L			28284	22184	1	KED
	Mo	**98**	**0.005**	ug/L	0.003	60	7	13	34	KED
	Cd	**111**	**-0.000**	ug/L	0.003	777	3	2	33	KED
	Cd	**114**	**-0.000**	ug/L	0.002	41208	3	2	92	KED
>	**In**	**115**		ug/L			1438888	1443906	0	Standard
	Ag	**107**	**0.000**	ug/L	0.001	358	55	58	17	Standard
	Sb	**121**	**0.047**	ug/L	0.002	3	380	1473	2	Standard
	Sb	**123**	**0.043**	ug/L	0.001	1	357	1098	0	Standard
	Ba	**135**	**0.001**	ug/L	0.001	110	38	47	22	Standard
	Ba	**137**	**0.001**	ug/L	0.000	16	69	85	3	Standard
>	**Tb**	**159**		ug/L			3033563	2652408	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	13	71	272	11	Standard
	Pb	**208**	**0.001**	ug/L	0.000	23	536	612	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:02:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1375139	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	93	10	15	21	Standard
	C	**13**		ug/L			23319	35416	1	Standard
	Cl	**37**		ug/L			7703668	7272041	0	Standard
>	**Sc**	**45**		ug/L			1469921	1461418	1	Standard
	Al	**27**	**0.680**	ug/L	0.023	3	3506	23765	3	Standard
	V	**51**	**-0.049**	ug/L	0.002	4	6451	4691	1	Standard
	V-1	**51**	**-0.004**	ug/L	0.000	7	292	131	10	Standard
	Cr	**52**	**-0.144**	ug/L	0.009	6	18849	14305	1	Standard
	Cr	**53**	**-0.000**	ug/L	0.003	1139	160	158	4	Standard
	Mn	**55**	**0.037**	ug/L	0.001	2	1532	3303	0	Standard
>	**Ge**	**72**		ug/L			100573	81727	1	KED
	Ni	**60**	**0.033**	ug/L	0.005	16	23	66	10	KED
	Ni	**62**	**0.021**	ug/L	0.004	20	6	10	10	KED
	Cu	**63**	**0.054**	ug/L	0.007	13	98	306	9	KED
	Cu	**65**	**0.059**	ug/L	0.010	16	45	158	11	KED
	Zn	**66**	**0.398**	ug/L	0.080	19	73	312	16	KED
	Zn	**67**	**0.399**	ug/L	0.079	19	12	51	16	KED
	As	**75**	**-0.003**	ug/L	0.001	51	4	2	16	KED
	Se	**78**	**-0.127**	ug/L	0.065	51	13	6	33	KED
	Y	**89**		ug/L			804838	821201	1	Standard
	Kr	**83**		ug/L			330	337	3	Standard
>	**In-1**	**115**		ug/L			28284	23548	1	KED
	Mo	**98**	**0.002**	ug/L	0.001	38	7	9	13	KED
	Cd	**111**	**-0.003**	ug/L	0.000	1	3	1		KED
	Cd	**114**	**-0.002**	ug/L	0.001	56	3	0	248	KED
>	**In**	**115**		ug/L			1438888	1584650	1	Standard
	Ag	**107**	**0.002**	ug/L	0.001	25	55	109	11	Standard
	Sb	**121**	**0.017**	ug/L	0.001	4	380	843	2	Standard
	Sb	**123**	**0.011**	ug/L	0.001	11	357	603	4	Standard
	Ba	**135**	**0.010**	ug/L	0.000	1	38	133	1	Standard
	Ba	**137**	**0.012**	ug/L	0.001	9	69	278	7	Standard
>	**Tb**	**159**		ug/L			3033563	2920714	0	Standard
	Tl	**205**	**0.001**	ug/L	0.000	17	71	150	9	Standard
	Pb	**208**	**0.006**	ug/L	0.000	7	536	1306	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:07:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1356894	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	70	10	14	15	Standard
	C	**13**		ug/L			23319	36059	1	Standard
	Cl	**37**		ug/L			7703668	7259198	0	Standard
>	**Sc**	**45**		ug/L			1469921	1448846	1	Standard
	Al	**27**	**0.694**	ug/L	0.003	0	3506	23956	1	Standard
	V	**51**	**-0.048**	ug/L	0.001	1	6451	4678	1	Standard
	V-1	**51**	**-0.005**	ug/L	0.000	2	292	120	1	Standard
	Cr	**52**	**-0.137**	ug/L	0.005	3	18849	14398	0	Standard
	Cr	**53**	**0.003**	ug/L	0.003	98	160	169	5	Standard
	Mn	**55**	**0.033**	ug/L	0.001	2	1532	3063	2	Standard
>	**Ge**	**72**		ug/L			100573	82630	1	KED
	Ni	**60**	**0.042**	ug/L	0.014	33	23	81	26	KED
	Ni	**62**	**0.015**	ug/L	0.017	109	6	8	44	KED
	Cu	**63**	**0.051**	ug/L	0.007	14	98	297	10	KED
	Cu	**65**	**0.043**	ug/L	0.010	22	45	128	17	KED
	Zn	**66**	**0.377**	ug/L	0.070	18	73	302	14	KED
	Zn	**67**	**0.291**	ug/L	0.075	25	12	40	21	KED
	As	**75**	**-0.001**	ug/L	0.004	457	4	3	39	KED
	Se	**78**	**-0.111**	ug/L	0.044	39	13	7	21	KED
	Y	**89**		ug/L			804838	799519	2	Standard
	Kr	**83**		ug/L			330	344	7	Standard
>	**In-1**	**115**		ug/L			28284	23760	1	KED
	Mo	**98**	**-0.000**	ug/L	0.002	1113	7	6	45	KED
	Cd	**111**	**-0.002**	ug/L	0.004	215	3	2	57	KED
	Cd	**114**	**-0.002**	ug/L	0.001	46	3	0	287	KED
>	**In**	**115**		ug/L			1438888	1576398	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	43	55	93	15	Standard
	Sb	**121**	**-0.003**	ug/L	0.001	19	380	349	3	Standard
	Sb	**123**	**-0.005**	ug/L	0.002	34	357	303	10	Standard
	Ba	**135**	**0.012**	ug/L	0.003	22	38	153	16	Standard
	Ba	**137**	**0.012**	ug/L	0.001	6	69	271	4	Standard
>	**Tb**	**159**		ug/L			3033563	2886612	1	Standard
	Tl	**205**	**0.000**	ug/L	0.000	38	71	102	13	Standard
	Pb	**208**	**0.006**	ug/L	0.000	4	536	1298	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:12:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1333533	0	Standard
	Be	**9**	**-0.000**	ug/L	0.001	427	10	9	80	Standard
	C	**13**		ug/L			23319	35434	1	Standard
	Cl	**37**		ug/L			7703668	7285124	0	Standard
>	**Sc**	**45**		ug/L			1469921	1428011	1	Standard
	Al	**27**	**0.685**	ug/L	0.026	3	3506	23353	1	Standard
	V	**51**	**-0.048**	ug/L	0.003	5	6451	4607	2	Standard
	V-1	**51**	**-0.005**	ug/L	0.000	2	292	114	2	Standard
	Cr	**52**	**-0.138**	ug/L	0.012	8	18849	14170	2	Standard
	Cr	**53**	**0.003**	ug/L	0.004	150	160	164	7	Standard
	Mn	**55**	**0.030**	ug/L	0.000	1	1532	2905	1	Standard
>	**Ge**	**72**		ug/L			100573	80658	0	KED
	Ni	**60**	**0.040**	ug/L	0.011	27	23	75	20	KED
	Ni	**62**	**0.027**	ug/L	0.016	60	6	11	33	KED
	Cu	**63**	**0.054**	ug/L	0.004	7	98	304	5	KED
	Cu	**65**	**0.054**	ug/L	0.003	5	45	146	4	KED
	Zn	**66**	**0.391**	ug/L	0.050	12	73	303	9	KED
	Zn	**67**	**0.319**	ug/L	0.101	31	12	42	24	KED
	As	**75**	**-0.004**	ug/L	0.003	85	4	2	39	KED
	Se	**78**	**-0.084**	ug/L	0.018	21	13	8	7	KED
	Y	**89**		ug/L			804838	790810	0	Standard
	Kr	**83**		ug/L			330	321	4	Standard
>	**In-1**	**115**		ug/L			28284	23475	1	KED
	Mo	**98**	**0.000**	ug/L	0.003	1518	7	6	79	KED
	Cd	**111**	**-0.006**	ug/L	0.003	42	3	0	100	KED
	Cd	**114**	**-0.000**	ug/L	0.001	409	3	2	46	KED
>	**In**	**115**		ug/L			1438888	1537339	0	Standard
	Ag	**107**	**0.001**	ug/L	0.000	18	55	85	5	Standard
	Sb	**121**	**-0.007**	ug/L	0.001	7	380	245	5	Standard
	Sb	**123**	**-0.010**	ug/L	0.002	24	357	200	22	Standard
	Ba	**135**	**0.014**	ug/L	0.002	12	38	163	8	Standard
	Ba	**137**	**0.012**	ug/L	0.000	4	69	261	2	Standard
>	**Tb**	**159**		ug/L			3033563	2880192	0	Standard
	Tl	**205**	**0.000**	ug/L	0.000	45	71	85	8	Standard
	Pb	**208**	**0.006**	ug/L	0.001	16	536	1245	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:16:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1167468	2	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	42	10	3	91	Standard
	C	**13**		ug/L			23319	29015	1	Standard
	Cl	**37**		ug/L			7703668	7330110	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1206084	0	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.004	25	3506	3247	2	Standard
⌈	**V**	**51**	**-0.045**	ug/L	0.004	7	6451	3968	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.000	6	292	105	7	Standard
⌈	**Cr**	**52**	**-0.149**	ug/L	0.014	9	18849	11697	2	Standard
⌈	**Cr**	**53**	**-0.015**	ug/L	0.003	21	160	86	10	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.000	6	1532	1552	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	78973	0	KED
⌈	**Ni**	**60**	**0.016**	ug/L	0.004	27	23	41	14	KED
⌈	**Ni**	**62**	**0.017**	ug/L	0.027	156	6	8	68	KED
⌈	**Cu**	**63**	**-0.003**	ug/L	0.001	22	98	63	4	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.001	166	45	34	5	KED
⌈	**Zn**	**66**	**0.052**	ug/L	0.010	18	73	89	6	KED
⌈	**Zn**	**67**	**0.076**	ug/L	0.100	131	12	17	58	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.003	108	4	2	36	KED
⌊	**Se**	**78**	**-0.019**	ug/L	0.065	348	13	10	21	KED
	Y	**89**		ug/L			804838	663670	0	Standard
	Kr	**83**		ug/L			330	290	2	Standard
⌈>	**In-1**	**115**		ug/L			28284	21363	0	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	133	7	3	106	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.008	173	3	4	61	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	97	3	1	102	KED
⌈>	**In**	**115**		ug/L			1438888	1351377	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	2839	55	51	25	Standard
⌈	**Sb**	**121**	**-0.011**	ug/L	0.000	2	380	118	5	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.000	1	357	73	6	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	156	38	40	16	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	812	69	64	11	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2589747	0	Standard
⌈	**Tl**	**205**	**0.004**	ug/L	0.000	7	71	384	6	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	11	536	250	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:21:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1169154	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	14	10	2	43	Standard
	C	**13**		ug/L			23319	29295	1	Standard
	Cl	**37**		ug/L			7703668	7350735	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1215835	1	Standard
⌈	**Al**	**27**	**0.004**	ug/L	0.001	14	3506	2996	1	Standard
⌈	**V**	**51**	**-0.046**	ug/L	0.002	3	6451	3978	1	Standard
⌈	**V-1**	**51**	**-0.004**	ug/L	0.000	7	292	111	8	Standard
⌈	**Cr**	**52**	**-0.151**	ug/L	0.003	1	18849	11722	0	Standard
⌈	**Cr**	**53**	**-0.015**	ug/L	0.005	31	160	87	16	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.002	75	1532	1349	3	Standard
⌈>	**Ge**	**72**		ug/L			100573	78541	0	KED
⌈	**Ni**	**60**	**0.015**	ug/L	0.004	29	23	38	15	KED
⌈	**Ni**	**62**	**0.020**	ug/L	0.030	150	6	9	72	KED
⌈	**Cu**	**63**	**-0.001**	ug/L	0.005	586	98	73	24	KED
⌈	**Cu**	**65**	**0.001**	ug/L	0.003	341	45	36	14	KED
⌈	**Zn**	**66**	**0.065**	ug/L	0.015	23	73	97	9	KED
⌈	**Zn**	**67**	**0.052**	ug/L	0.059	113	12	14	39	KED
⌈	**As**	**75**	**0.000**	ug/L	0.002	1329	4	3	19	KED
⌊	**Se**	**78**	**-0.070**	ug/L	0.036	51	13	8	13	KED
	Y	**89**		ug/L			804838	661184	1	Standard
	Kr	**83**		ug/L			330	288	5	Standard
⌈>	**In-1**	**115**		ug/L			28284	21121	1	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.002	617	7	5	60	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.006	303	3	3	56	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.000	24	3	1	4	KED
⌈>	**In**	**115**		ug/L			1438888	1340981	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	67	55	34	33	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.000	1	380	86	3	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.001	3	357	70	13	Standard
⌈	**Ba**	**135**	**0.000**	ug/L	0.001	204	38	38	13	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.000	20	69	48	6	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2527882	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	7	71	280	5	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	16	536	229	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:25:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1153057	0	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.001	123	10	5	88	Standard
	C	**13**		ug/L			23319	29603	1	Standard
	Cl	**37**		ug/L			7703668	7319228	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1192763	0	Standard
⌈	**Al**	**27**	**0.007**	ug/L	0.003	40	3506	3010	1	Standard
⌈	**V**	**51**	**-0.042**	ug/L	0.003	7	6451	4029	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.000	3	292	101	3	Standard
⌈	**Cr**	**52**	**-0.138**	ug/L	0.011	7	18849	11829	1	Standard
⌈	**Cr**	**53**	**-0.017**	ug/L	0.001	7	160	80	3	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	655	1532	1247	2	Standard
⌈>	**Ge**	**72**		ug/L			100573	78620	0	KED
⌈	**Ni**	**60**	**0.015**	ug/L	0.007	45	23	39	24	KED
⌈	**Ni**	**62**	**0.020**	ug/L	0.015	73	6	9	34	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.002	432	98	74	11	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.002	134	45	31	13	KED
⌈	**Zn**	**66**	**0.069**	ug/L	0.019	27	73	99	10	KED
⌈	**Zn**	**67**	**0.007**	ug/L	0.060	867	12	10	60	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.004	283	4	3	37	KED
⌊	**Se**	**78**	**-0.062**	ug/L	0.059	94	13	8	22	KED
	Y	**89**		ug/L			804838	669763	2	Standard
	Kr	**83**		ug/L			330	267	2	Standard
⌈>	**In-1**	**115**		ug/L			28284	21210	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	108	7	3	103	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.003	329	3	2	43	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	101	3	1	86	KED
⌈>	**In**	**115**		ug/L			1438888	1350034	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	92	55	41	22	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.001	4	380	70	18	Standard
⌈	**Sb**	**123**	**-0.017**	ug/L	0.000	0	357	64	2	Standard
⌈	**Ba**	**135**	**0.000**	ug/L	0.001	268	38	39	24	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.000	55	69	68	2	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2541621	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	15	71	175	10	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	8	536	220	9	Standard

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00076	Instrument:	ICPMS1
Calibration Date:	06/25/2021 13:39		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Manganese-55	0	0	0.5	50826	10	50470.4	20	49685.65	50	51684.1	100	49353.37
Lead-208	0	0	0.1	141320	10	134764.9	20	133895.5	50	139509.1	100	138309.9

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00076	Instrument:	ICPMS1
Calibration Date:	06/25/2021 13:39		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Manganese-55	42003.25	49.0	0.9995		0.998	
Lead-208	114633.2	49.1	0.9999		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MB **Sequence:** 55FΦ378 **Cal:** EFΦΦΦ76

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CAL1	J6715		
		-CAL2	J6763		
		-CAL3	J6764		
		-CAL4	J6765		
		-CAL5	J6716		
		-CAL6	J6766		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J6715		
		-CCV1	J6716		
		-CCB1	J6715		
		-CRL1	J6763		
		-IFA1	J576Φ		Cr 53T
		-IFB1	J5761		↓
		-HCV1	J6678		
		-HCV2	J6294		
		-IBL2	—		(56T)
		-IBL3	—		
		-CCV2			
		-CCB2			
	✓	B7FΦ655-BLK2	REN		(Mn 7 REL)
		21FΦ2Φ9-Φ5	↓		
		-1Φ			
		↓ -12	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ2Φ9-14	REN		
		↓ -18			
		BJFΦ6Φ1-DUP1			
		↓ -MS1			
		↓ -MS01			
		SEQ-IBL4			
		↓ -CCV3			
		↓ -CCB3			
		BJFΦ655-BLK2	REN		Re noisy- Not Needed Mn only
		BJFΦ451-BLK1	SWN	20	
		↓ -BS1			
		BJFΦ639-BLK1			
		↓ -BS1			
		21FΦ2Φ9-16	REN		
		↓ -20			
		↓ -22			In↓ - Not Needed
		21FΦ149-Φ1	SWN	20	
		SEQ-IBL5			
		↓ -CCV4			
		↓ -CCB4			
		BJFΦ657-BLK1	REN		No Mo ↓
		↓ -BS1			No Mo Spike
		21FΦ35Φ-Φ2		20	
		↓ -Φ1		100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ342-Φ3	REN		
		21FΦ338-Φ1	↓	10	Mo NR
		21FΦ339-Φ1	↓		
		21FΦ373-Φ1	↓		
		21FΦ375-Φ1	↓	2	
		SEQ-IBL6			
		↓ -CCV5			
		↓ -CCB5			
		21FΦ149-Φ2	SWN	20	
		-Φ3	↓	↓	
		-Φ4	↓	↓	
		-Φ5	↓	↓	
		↓ -Φ6	↓	↓	
		21FΦ182-13	↓	↓	
		BJFΦ639-DUP1	↓	↓	
		-MS1	↓	↓	Ag, Sb % R ↓
		↓ -PS1	↓	↓	Ag, Sb only
		SEQ-IBL7			
		↓ -CCV6			
		↓ -CCB6			
		21FΦ182-17	SWN	20	
		-21	↓	↓	
		↓ -22	↓	↓	
		21FΦ203-19	↓	↓	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ203-20	SWN	20	
		-21			
		-22			
		-23			
		BJFΦ639-SRM1			
		SEQ-IBL8			
		-CCV7			
		-CCB7			
		21FΦ203-27	SWN	20	
		-28			
		21FΦ245-Φ3			
		-Φ2			
		-Φ1			
		BJFΦ451-SRL1		100	
		-DUP1		20	Cr, Pb RPD↑
		-MS1			
		-PS1			
		SEQ-IBL9			
		-CCV8			
		-CCB8			
	✓	-CAL1			
		-CCV9			
		-CCB9			
		21FΦ245-Φ4	SWN	20	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	21F0245-05	SWN	20	
		-06			
		21F0344-04	REN		
		-03			
		-02			
		-01			
		BJF0657-DUP1			
		-MS1			
		SEQ-IBLA			
					AS Error -- End of run
			MB 6/25/21		

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Friday, June 25, 2021 11:41:38
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11058
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9140.2	9129.396	52.299	0.6	Standard
	In	114.9	108532.4	-1330355.824	2601.641	0.2	Standard
	U	238.1	156926.8	156926.827	3246.498	2.1	Standard
⌈	CeO	155.9	2400.3	0.018	0.000	1.4	Standard
| >	Ce	139.9	134786.8	134786.801	1455.764	1.1	Standard
⌊	Ce++	70.0	1388.2	0.010	0.000	1.8	Standard
	Bkgd	220.0	1.1	1.100	0.560	50.9	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/25/2021 11:41:36 AM
End Time: 6/25/2021 11:51:11 AM

STD Performance Check - [Passed] Optimum value(s): N/A
- Obtained Intensity (Be 9): 9140.19
- Obtained Intensity (In 115): 108532.44
- Obtained Intensity (U 238): 156926.83
- Obtained Intensity (Bkgd 220): 1.10
- Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1388.20 / 134786.80)
- Obtained Formula (CeO 156 / Ce 140): 0.018 (=2400.27 / 134786.80)
- Obtained RSD (Be 9): 0.0057
- Obtained RSD (In 115): 0.0020
- Obtained RSD (U 238): 0.0207

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.75 mm	-0.74 mm	124439.63

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.965
- Obtained Intensity (In 115): 133837.01
- Obtained Formula (CeO 156 / Ce 140): 0.0185 (=2937.30 / 158690.53)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
- Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.703)
- Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.703)
- Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.696)
- Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.710)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.06

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.985; Intercept = -14.00

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/25/2021 11:41:36 AM

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 5
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025
                RSD Criterion: Be 9.0122 < 0.05
                RSD Criterion: In 114.904 < 0.05
                RSD Criterion: U 238.05 < 0.05

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 9140.19
                Obtained Intensity (In 115): 108532.44
                Obtained Intensity (U 238): 156926.83
                Obtained Intensity (Bkgd 220): 1.10
                Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1388.20 / 134786.80)
                Obtained Formula (CeO 156 / Ce 140): 0.018 (=2400.27 / 134786.80)
                Obtained RSD (Be 9): 0.0057
                Obtained RSD (In 115): 0.0020
                Obtained RSD (U 238): 0.0207

[Passed]  Optimum value(s): N/A

Torch Alignment
        Optimization Settings:
                Method: Torch Alignment.mth.
                Intensity Criterion: In 115 Maximum

        Optimization Results:
                Vertical      Horizontal      Intensity
[Passed]        2.75 mm     -0.74 mm       124439.63

Nebulizer Gas Flow STD/KED [NEB]
        Optimization Settings:
                Method: Optimize.mth.
                        Initial Try - Start/End/Step: 0.95/0.99/0.005.
                Intensity Criterion: In 115 Maximum
                Formula Criterion: CeO 156 / Ce 140 <= 0.023

        Optimization Results:
        Initial Try

                Obtained Intensity (In 115): 133837.01
                Obtained Formula (CeO 156 / Ce 140): 0.0185 (=2937.30 / 158690.53)
[Passed]  Optimum value(s): 0.965
```

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.703)
		Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.703)
		Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.696)
		Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.710)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.06

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	37597.4
Mg	24	41	-14	53704.8
In	115	41	-11.5	131022
Ce	140	41	-11.5	151649
Pb	208	41	-10.5	92542.8
U	238	41	-10.5	188333

KED Mode QID
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.985; Intercept = -14.00

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	26300.2
Mg	24	41	-13.5	53632.5
In	115	41	-11.5	133525
Ce	140	41	-10.5	119615
Pb	208	41	-10.5	63758
U	238	41	-10	136291

End Time: 6/25/2021 11:51:11 AM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/25/2021 11:51:18 AM
End Time: 6/25/2021 11:53:52 AM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.56

KED Mode QID - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -14.18

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/25/2021 11:51:18 AM

QID STD/DRC

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.56

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14.5	36570.7
Mg	24	41	-14.5	51556.9
In	115	41	-11.5	127866
Ce	140	41	-11.5	148892
Pb	208	41	-10.5	92699.8
U	238	41	-10.5	185638

KED Mode QID

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -14.18

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	27085.7
Mg	24	41	-13.5	51067.1
In	115	41	-11	131910
Ce	140	41	-10.5	124238
Pb	208	41	-10	61990.2
U	238	41	-10	135673

End Time: 6/25/2021 11:53:52 AM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/25/2021 11:56:02 AM
End Time: 6/25/2021 11:57:08 AM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.992; Intercept = -14.04

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/25/2021 11:56:02 AM

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.992; Intercept = -14.04

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	38892.9
Mg	24	41	-14	53287.2
In	115	41	-12	130106
Ce	140	41	-12	151839
Pb	208	41	-11	90377
U	238	41	-10.5	177532

End Time: 6/25/2021 11:57:08 AM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/25/2021 11:59:59 AM
End Time: 6/25/2021 12:02:04 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 10242.74
Obtained Intensity (In 115): 121054.75
Obtained Intensity (U 238): 182612.51
Obtained Intensity (Bkgd 220): 0.90
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1472.48 / 142868.77)
Obtained Formula (CeO 156 / Ce 140): 0.019 (=2770.27 / 142868.77)
Obtained RSD (Be 9): 0.0120
Obtained RSD (In 115): 0.0064
Obtained RSD (U 238): 0.0060

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/25/2021 11:59:59 AM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 10242.74
		Obtained Intensity (In 115): 121054.75
		Obtained Intensity (U 238): 182612.51
		Obtained Intensity (Bkgd 220): 0.90
		Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1472.48 / 142868.77)
		Obtained Formula (CeO 156 / Ce 140): 0.019 (=2770.27 / 142868.77)
		Obtained RSD (Be 9): 0.0120
		Obtained RSD (In 115): 0.0064
		Obtained RSD (U 238): 0.0060

[Passed] Optimum value(s): N/A

End Time: 6/25/2021 12:02:04 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Friday, June 25, 2021 11:59:59
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11070
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	10242.7	10242.738	122.503	1.2	Standard
	In	114.9	121054.8	121054.752	778.869	0.6	Standard
	U	238.1	182612.5	182612.510	1096.569	0.6	Standard
⌈	CeO	155.9	2770.3	0.019	0.000	1.8	Standard
| >	Ce	139.9	142868.8	142868.771	1434.120	1.0	Standard
⌊	Ce++	70.0	1472.5	0.010	0.000	1.0	Standard
	Bkgd	220.0	0.9	0.900	0.480	53.4	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:39:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				28724	1	Standard
	Cl	**37**		ug/L				7945752	0	Standard
⎡>	**Sc**	**45**		ug/L				1771523	1	Standard
⎢	**Cr**	**52**		ug/L				20753	1	Standard
⎢	**Cr**	**53**		ug/L				175	7	Standard
⎣	**Mn**	**55**		ug/L				907	0	Standard
⎡>	**Ge**	**72**		ug/L				106438	4	KED
⎢	**Ni**	**60**		ug/L				32	38	KED
⎢	**Ni**	**62**		ug/L				8	44	KED
⎢	**Cu**	**63**		ug/L				102	24	KED
⎢	**Cu**	**65**		ug/L				38	22	KED
⎢	**Zn**	**66**		ug/L				75	10	KED
⎢	**Zn**	**67**		ug/L				13	28	KED
⎢	**As**	**75**		ug/L				2	86	KED
⎣	**Se**	**78**		ug/L				12	11	KED
	Y	**89**		ug/L				885368	2	Standard
	Kr	**83**		ug/L				323	4	Standard
⎡>	**In-1**	**115**		ug/L				32288	1	KED
⎢	**Mo**	**98**		ug/L				3	96	KED
⎢	**Cd**	**111**		ug/L				4	58	KED
⎣	**Cd**	**114**		ug/L				2	116	KED
⎡>	**In**	**115**		ug/L				1802478	0	Standard
⎢	**Ag**	**107**		ug/L				66	9	Standard
⎢	**Sb**	**121**		ug/L				107	10	Standard
⎣	**Sb**	**123**		ug/L				97	29	Standard
⎡>	**Tb**	**159**		ug/L				3135538	1	Standard
⎣	**Pb**	**208**		ug/L				325	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:44:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	26920	0	Standard
	Cl	**37**		ug/L			7945752	7917559	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1784070	0	Standard
⎢	**Cr**	**52**	**0.500**	ug/L	0.021	4	20753	35606	1	Standard
⎢	**Cr**	**53**	**0.500**	ug/L	0.008	1	175	2016	1	Standard
⎣	**Mn**	**55**	**0.500**	ug/L	0.009	1	907	25413	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	115830	0	KED
⎢	**Ni**	**60**	**0.500**	ug/L	0.019	3	32	946	3	KED
⎢	**Ni**	**62**	**0.500**	ug/L	0.078	15	8	165	14	KED
⎢	**Cu**	**63**	**0.500**	ug/L	0.023	4	102	2734	3	KED
⎢	**Cu**	**65**	**0.500**	ug/L	0.026	5	38	1404	5	KED
⎢	**Zn**	**66**	**6.000**	ug/L	0.229	3	75	5055	4	KED
⎢	**Zn**	**67**	**6.000**	ug/L	0.274	4	13	791	4	KED
⎢	**As**	**75**	**0.200**	ug/L	0.029	14	2	76	13	KED
⎣	**Se**	**78**	**0.500**	ug/L	0.067	13	12	35	7	KED
	Y	**89**		ug/L			885368	883352	1	Standard
	Kr	**83**		ug/L			323	354	4	Standard
⎡>	**In-1**	**115**		ug/L			32288	32779	2	KED
⎢	**Mo**	**98**	**0.200**	ug/L	0.013	6	3	387	4	KED
⎢	**Cd**	**111**	**0.100**	ug/L	0.008	7	4	48	5	KED
⎣	**Cd**	**114**	**0.100**	ug/L	0.011	10	2	116	8	KED
⎡>	**In**	**115**		ug/L			1802478	1769981	1	Standard
⎢	**Ag**	**107**	**0.200**	ug/L	0.008	4	66	4588	3	Standard
⎢	**Sb**	**121**	**0.200**	ug/L	0.005	2	107	4983	2	Standard
⎣	**Sb**	**123**	**0.200**	ug/L	0.004	2	97	3947	2	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3127446	0	Standard
⎣	**Pb**	**208**	**0.100**	ug/L	0.002	2	325	14132	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:48:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31714	1	Standard
	Cl	**37**		ug/L			7945752	8203967	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1811278	1	Standard
|	**Cr**	**52**	**10.002**	ug/L	0.125	1	20753	340626	0	Standard
|	**Cr**	**53**	**10.000**	ug/L	0.202	2	175	37893	2	Standard
⌊	**Mn**	**55**	**10.000**	ug/L	0.152	1	907	504704	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	116820	0	KED
|	**Ni**	**60**	**10.000**	ug/L	0.068	0	32	18496	0	KED
|	**Ni**	**62**	**9.999**	ug/L	0.433	4	8	3027	3	KED
|	**Cu**	**63**	**10.001**	ug/L	0.031	0	102	54789	0	KED
|	**Cu**	**65**	**10.000**	ug/L	0.062	0	38	27529	1	KED
|	**Zn**	**66**	**9.997**	ug/L	0.116	1	75	8432	1	KED
|	**Zn**	**67**	**10.120**	ug/L	0.366	3	13	1381	3	KED
|	**As**	**75**	**10.000**	ug/L	0.265	2	2	3867	2	KED
⌊	**Se**	**78**	**10.000**	ug/L	0.283	2	12	468	2	KED
	Y	**89**		ug/L			885368	890050	0	Standard
	Kr	**83**		ug/L			323	345	2	Standard
⌈>	**In-1**	**115**		ug/L			32288	33029	1	KED
|	**Mo**	**98**	**10.000**	ug/L	0.163	1	3	19069	0	KED
|	**Cd**	**111**	**10.000**	ug/L	0.133	1	4	4726	0	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.124	1	2	12056	2	KED
⌈>	**In**	**115**		ug/L			1802478	1809540	0	Standard
|	**Ag**	**107**	**10.000**	ug/L	0.072	0	66	228315	0	Standard
|	**Sb**	**121**	**10.000**	ug/L	0.312	3	107	251003	2	Standard
⌊	**Sb**	**123**	**10.000**	ug/L	0.166	1	97	200102	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3141830	1	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.202	2	325	1347649	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:52:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	30424	1	Standard
	Cl	**37**		ug/L			7945752	8277823	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1815354	2	Standard
⎢	**Cr**	**52**	**19.961**	ug/L	0.361	1	20753	655113	0	Standard
⎢	**Cr**	**53**	**19.943**	ug/L	0.353	1	175	74694	0	Standard
⎣	**Mn**	**55**	**19.932**	ug/L	0.378	1	907	993713	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	115398	0	KED
⎢	**Ni**	**60**	**19.999**	ug/L	0.231	1	32	36500	1	KED
⎢	**Ni**	**62**	**20.082**	ug/L	0.129	0	8	6097	0	KED
⎢	**Cu**	**63**	**19.954**	ug/L	0.091	0	102	106884	0	KED
⎢	**Cu**	**65**	**19.959**	ug/L	0.322	1	38	53795	1	KED
⎢	**Zn**	**66**	**19.967**	ug/L	0.421	2	75	16475	2	KED
⎢	**Zn**	**67**	**20.105**	ug/L	0.566	2	13	2738	2	KED
⎢	**As**	**75**	**20.015**	ug/L	0.385	1	2	7666	1	KED
⎣	**Se**	**78**	**20.102**	ug/L	0.321	1	12	934	1	KED
	Y	**89**		ug/L			885368	892308	0	Standard
	Kr	**83**		ug/L			323	332	4	Standard
⎡>	**In-1**	**115**		ug/L			32288	32744	0	KED
⎢	**Mo**	**98**	**20.030**	ug/L	0.127	0	3	38097	1	KED
⎢	**Cd**	**111**	**20.027**	ug/L	0.151	0	4	9432	0	KED
⎣	**Cd**	**114**	**19.958**	ug/L	0.098	0	2	23651	1	KED
⎡>	**In**	**115**		ug/L			1802478	1797940	1	Standard
⎢	**Ag**	**107**	**20.019**	ug/L	0.302	1	66	455881	2	Standard
⎢	**Sb**	**121**	**20.034**	ug/L	0.118	0	107	503035	0	Standard
⎣	**Sb**	**123**	**19.920**	ug/L	0.293	1	97	389684	0	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3183357	0	Standard
⎣	**Pb**	**208**	**19.921**	ug/L	0.030	0	325	2677911	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:57:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31867	2	Standard
	Cl	**37**		ug/L			7945752	8241637	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1757616	0	Standard
|	**Cr**	**52**	**50.219**	ug/L	0.934	1	20753	1599503	1	Standard
|	**Cr**	**53**	**50.265**	ug/L	0.741	1	175	187002	0	Standard
⌊	**Mn**	**55**	**50.560**	ug/L	0.366	0	907	2584205	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	114674	0	KED
|	**Ni**	**60**	**50.066**	ug/L	0.235	0	32	91352	0	KED
|	**Ni**	**62**	**49.806**	ug/L	1.263	2	8	14730	2	KED
|	**Cu**	**63**	**49.953**	ug/L	0.626	1	102	264485	1	KED
|	**Cu**	**65**	**49.854**	ug/L	1.014	2	38	131551	2	KED
|	**Zn**	**66**	**49.754**	ug/L	0.365	0	75	39762	0	KED
|	**Zn**	**67**	**49.929**	ug/L	0.793	1	13	6691	1	KED
|	**As**	**75**	**50.076**	ug/L	0.276	0	2	19204	0	KED
⌊	**Se**	**78**	**50.083**	ug/L	0.422	0	12	2314	1	KED
	Y	**89**		ug/L			885368	873048	1	Standard
	Kr	**83**		ug/L			323	356	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	32744	1	KED
|	**Mo**	**98**	**50.146**	ug/L	1.031	2	3	96764	1	KED
|	**Cd**	**111**	**49.858**	ug/L	0.670	1	4	23145	0	KED
⌊	**Cd**	**114**	**50.123**	ug/L	0.475	0	2	60132	0	KED
⌈>	**In**	**115**		ug/L			1802478	1757513	1	Standard
|	**Ag**	**107**	**50.065**	ug/L	1.024	2	66	1121406	2	Standard
|	**Sb**	**121**	**50.294**	ug/L	1.607	3	107	1271358	1	Standard
⌊	**Sb**	**123**	**50.274**	ug/L	0.825	1	97	988216	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3183267	0	Standard
⌊	**Pb**	**208**	**50.307**	ug/L	0.718	1	325	6975456	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:04:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	32174	0	Standard
	Cl	**37**		ug/L			7945752	8350286	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1769872	1	Standard
|	**Cr**	**52**	**100.241**	ug/L	1.497	1	20753	3219588	0	Standard
|	**Cr**	**53**	**99.312**	ug/L	1.030	1	175	363513	1	Standard
⌊	**Mn**	**55**	**99.027**	ug/L	1.026	1	907	4935337	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	109992	0	KED
|	**Ni**	**60**	**100.196**	ug/L	0.894	0	32	176466	0	KED
|	**Ni**	**62**	**100.262**	ug/L	1.275	1	8	28678	0	KED
|	**Cu**	**63**	**100.063**	ug/L	1.473	1	102	509094	0	KED
|	**Cu**	**65**	**100.073**	ug/L	0.330	0	38	253863	0	KED
|	**Zn**	**66**	**100.258**	ug/L	0.528	0	75	77432	1	KED
|	**Zn**	**67**	**99.916**	ug/L	0.786	0	13	12795	1	KED
|	**As**	**75**	**100.384**	ug/L	0.330	0	2	37401	0	KED
⌊	**Se**	**78**	**100.093**	ug/L	1.971	1	12	4438	2	KED
	Y	**89**		ug/L			885368	864750	0	Standard
	Kr	**83**		ug/L			323	371	14	Standard
⌈>	**In-1**	**115**		ug/L			32288	31857	1	KED
|	**Mo**	**98**	**100.137**	ug/L	1.110	1	3	188864	0	KED
|	**Cd**	**111**	**99.788**	ug/L	1.328	1	4	44749	0	KED
⌊	**Cd**	**114**	**99.580**	ug/L	0.948	0	2	114636	2	KED
⌈>	**In**	**115**		ug/L			1802478	1716529	3	Standard
|	**Ag**	**107**	**100.633**	ug/L	4.517	4	66	2246536	0	Standard
|	**Sb**	**121**	**100.913**	ug/L	3.613	3	107	2568172	1	Standard
⌊	**Sb**	**123**	**99.776**	ug/L	4.406	4	97	1899477	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3223353	1	Standard
⌊	**Pb**	**208**	**99.656**	ug/L	2.151	2	325	13830988	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:11:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	28962	0	Standard
	Cl	**37**		ug/L			7945752	8078008	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1798825	0	Standard
|	**Cr**	**52**	**-0.015**	ug/L	0.013	83	20753	20580	1	Standard
|	**Cr**	**53**	**-0.005**	ug/L	0.005	106	175	160	11	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	498	907	929	5	Standard
⌈>	**Ge**	**72**		ug/L			106438	113931	1	KED
|	**Ni**	**60**	**0.003**	ug/L	0.005	202	32	39	24	KED
|	**Ni**	**62**	**-0.013**	ug/L	0.006	47	8	5	33	KED
|	**Cu**	**63**	**0.002**	ug/L	0.003	173	102	118	11	KED
|	**Cu**	**65**	**0.005**	ug/L	0.006	141	38	52	31	KED
|	**Zn**	**66**	**0.005**	ug/L	0.012	225	75	85	11	KED
|	**Zn**	**67**	**0.016**	ug/L	0.061	378	13	17	48	KED
|	**As**	**75**	**0.005**	ug/L	0.003	50	2	4	24	KED
⌊	**Se**	**78**	**0.012**	ug/L	0.036	298	12	13	11	KED
	Y	**89**		ug/L			885368	865340	0	Standard
	Kr	**83**		ug/L			323	344	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	32488	0	KED
|	**Mo**	**98**	**0.011**	ug/L	0.003	23	3	24	20	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.001	55	4	3	17	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.000	5	2	1	1	KED
⌈>	**In**	**115**		ug/L			1802478	1739839	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	25	66	104	10	Standard
|	**Sb**	**121**	**0.108**	ug/L	0.002	2	107	2901	2	Standard
⌊	**Sb**	**123**	**0.110**	ug/L	0.003	2	97	2219	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3115933	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	22	325	513	9	Standard

Sample Information

Sample Date/Time: Friday, June 25, 2021 14:04:05
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Cr	52	**1.0000**	0.018	0.50	10	20	50	100
Cr	53	**0.9999**	0.002	0.50	10	20	50	100
Mn	55	**0.9998**	0.028	0.50	10	20	50	100
Ge	72							
Ni	60	**1.0000**	0.016	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.046	0.50	10	20	50	100
Cu	65	**1.0000**	0.023	0.50	10	20	50	100
Zn	66	**1.0000**	0.007	6.00	10	20	50	100
Zn	67	**1.0000**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.003	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**1.0000**	0.059	0.20	10	20	50	100
Cd	111	**1.0000**	0.014	0.10	10	20	50	100
Cd	114	**1.0000**	0.036	0.10	10	20	50	100
In	115							
Ag	107	**0.9999**	0.013	0.20	10	20	50	100
Sb	121	**0.9998**	0.015	0.20	10	20	50	100
Sb	123	**1.0000**	0.011	0.20	10	20	50	100
Tb	159							
Pb	208	**1.0000**	0.043	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:18:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31733	0	Standard
	Cl	**37**		ug/L			7945752	8474032	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1799764	2	Standard
⎢	**Cr**	**52**	**48.282**	ug/L	0.722	1	20753	1587965	1	Standard
⎢	**Cr**	**53**	**49.445**	ug/L	0.533	1	175	184129	0	Standard
⎣	**Mn**	**55**	**49.857**	ug/L	0.755	1	907	2527055	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	112829	0	KED
⎢	**Ni**	**60**	**50.008**	ug/L	0.554	1	32	90370	1	KED
⎢	**Ni**	**62**	**50.311**	ug/L	0.812	1	8	14766	1	KED
⎢	**Cu**	**63**	**49.333**	ug/L	0.159	0	102	257540	0	KED
⎢	**Cu**	**65**	**49.943**	ug/L	0.382	0	38	129979	0	KED
⎢	**Zn**	**66**	**48.049**	ug/L	0.299	0	75	38108	1	KED
⎢	**Zn**	**67**	**49.018**	ug/L	0.506	1	13	6446	0	KED
⎢	**As**	**75**	**48.457**	ug/L	0.291	0	2	18522	1	KED
⎣	**Se**	**78**	**75.383**	ug/L	0.035	0	12	3432	0	KED
	Y	**89**		ug/L			885368	870828	1	Standard
	Kr	**83**		ug/L			323	347	4	Standard
⎡>	**In-1**	**115**		ug/L			32288	32461	1	KED
⎢	**Mo**	**98**	**49.550**	ug/L	0.534	1	3	95225	0	KED
⎢	**Cd**	**111**	**49.758**	ug/L	0.942	1	4	22739	2	KED
⎣	**Cd**	**114**	**49.723**	ug/L	1.364	2	2	58306	1	KED
⎡>	**In**	**115**		ug/L			1802478	1728694	0	Standard
⎢	**Ag**	**107**	**48.290**	ug/L	0.338	0	66	1086884	0	Standard
⎢	**Sb**	**121**	**48.391**	ug/L	0.338	0	107	1241335	0	Standard
⎣	**Sb**	**123**	**49.938**	ug/L	0.259	0	97	958548	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3195364	1	Standard
⎣	**Pb**	**208**	**49.375**	ug/L	0.724	1	325	6794007	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:25:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29107	0	Standard
	Cl	**37**		ug/L			7945752	7922079	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1742767	1	Standard
|	**Cr**	**52**	**-0.000**	ug/L	0.020	29862	20753	20409	1	Standard
|	**Cr**	**53**	**-0.006**	ug/L	0.006	97	175	150	14	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	34	907	908	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	112637	1	KED
|	**Ni**	**60**	**-0.001**	ug/L	0.006	799	32	33	33	KED
|	**Ni**	**62**	**-0.006**	ug/L	0.011	175	8	7	43	KED
|	**Cu**	**63**	**0.001**	ug/L	0.002	170	102	115	10	KED
|	**Cu**	**65**	**0.005**	ug/L	0.005	104	38	53	25	KED
|	**Zn**	**66**	**0.014**	ug/L	0.012	86	75	90	9	KED
|	**Zn**	**67**	**0.013**	ug/L	0.046	338	13	16	35	KED
|	**As**	**75**	**0.008**	ug/L	0.003	37	2	5	22	KED
⌊	**Se**	**78**	**0.024**	ug/L	0.029	121	12	13	10	KED
	Y	**89**		ug/L			885368	864381	1	Standard
	Kr	**83**		ug/L			323	337	13	Standard
⌈>	**In-1**	**115**		ug/L			32288	33193	1	KED
|	**Mo**	**98**	**0.009**	ug/L	0.002	18	3	21	17	KED
|	**Cd**	**111**	**-0.008**	ug/L	0.001	15	4	0	86	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.001	55	2	4	23	KED
⌈>	**In**	**115**		ug/L			1802478	1722086	2	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	7	66	89	0	Standard
|	**Sb**	**121**	**0.030**	ug/L	0.001	2	107	870	2	Standard
⌊	**Sb**	**123**	**0.032**	ug/L	0.003	8	97	706	7	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3053767	2	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	28	325	435	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:29:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	30925	0	Standard
	Cl	**37**		ug/L			7945752	8358849	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1738412	0	Standard
|	**Cr**	**52**	**49.878**	ug/L	0.382	0	20753	1584096	1	Standard
|	**Cr**	**53**	**51.399**	ug/L	0.267	0	175	184894	0	Standard
⌊	**Mn**	**55**	**51.445**	ug/L	0.382	0	907	2519141	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	111742	1	KED
|	**Ni**	**60**	**50.031**	ug/L	0.787	1	32	89524	0	KED
|	**Ni**	**62**	**50.789**	ug/L	0.624	1	8	14763	1	KED
|	**Cu**	**63**	**49.750**	ug/L	0.117	0	102	257208	1	KED
|	**Cu**	**65**	**50.483**	ug/L	0.838	1	38	130098	0	KED
|	**Zn**	**66**	**50.671**	ug/L	0.550	1	75	39793	1	KED
|	**Zn**	**67**	**50.219**	ug/L	0.697	1	13	6541	2	KED
|	**As**	**75**	**49.715**	ug/L	0.431	0	2	18817	0	KED
⌊	**Se**	**78**	**49.632**	ug/L	0.907	1	12	2242	1	KED
	Y	**89**		ug/L			885368	861878	0	Standard
	Kr	**83**		ug/L			323	314	7	Standard
⌈>	**In-1**	**115**		ug/L			32288	31808	1	KED
|	**Mo**	**98**	**49.789**	ug/L	1.193	2	3	93743	0	KED
|	**Cd**	**111**	**50.990**	ug/L	0.286	0	4	22834	1	KED
⌊	**Cd**	**114**	**51.810**	ug/L	0.497	0	2	59542	1	KED
⌈>	**In**	**115**		ug/L			1802478	1697889	2	Standard
|	**Ag**	**107**	**50.155**	ug/L	0.858	1	66	1108532	0	Standard
|	**Sb**	**121**	**49.832**	ug/L	1.241	2	107	1255161	1	Standard
⌊	**Sb**	**123**	**51.629**	ug/L	1.763	3	97	972875	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3111186	1	Standard
⌊	**Pb**	**208**	**50.720**	ug/L	0.392	0	325	6795778	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:36:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	28789	2	Standard
	Cl	**37**		ug/L			7945752	8073514	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1747976	0	Standard
|	**Cr**	**52**	**0.007**	ug/L	0.004	54	20753	20701	0	Standard
|	**Cr**	**53**	**-0.002**	ug/L	0.003	221	175	167	6	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	26	907	919	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	114168	0	KED
|	**Ni**	**60**	**0.000**	ug/L	0.003	3492	32	34	17	KED
|	**Ni**	**62**	**-0.006**	ug/L	0.011	169	8	7	43	KED
|	**Cu**	**63**	**0.001**	ug/L	0.000	55	102	113	0	KED
|	**Cu**	**65**	**0.008**	ug/L	0.002	20	38	62	8	KED
|	**Zn**	**66**	**0.020**	ug/L	0.017	83	75	97	13	KED
|	**Zn**	**67**	**-0.022**	ug/L	0.043	194	13	12	48	KED
|	**As**	**75**	**0.006**	ug/L	0.002	34	2	4	15	KED
⌊	**Se**	**78**	**0.009**	ug/L	0.069	721	12	13	23	KED
	Y	**89**		ug/L			885368	862662	0	Standard
	Kr	**83**		ug/L			323	342	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	32516	1	KED
|	**Mo**	**98**	**0.010**	ug/L	0.003	27	3	22	24	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.001	21	4	1	34	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	120	2	5	67	KED
⌈>	**In**	**115**		ug/L			1802478	1735650	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	22	66	100	9	Standard
|	**Sb**	**121**	**0.062**	ug/L	0.002	3	107	1711	2	Standard
⌊	**Sb**	**123**	**0.067**	ug/L	0.002	3	97	1387	2	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3056257	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	15	325	474	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:42:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	39564	1	Standard
	Cl	**37**		ug/L			7945752	8002522	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1773028	0	Standard
|	**Cr**	**52**	**0.501**	ug/L	0.023	4	20753	36801	1	Standard
|	**Cr**	**53**	**0.510**	ug/L	0.013	2	175	2043	2	Standard
⌊	**Mn**	**55**	**0.509**	ug/L	0.006	1	907	26296	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	110941	5	KED
|	**Ni**	**60**	**0.513**	ug/L	0.014	2	32	944	4	KED
|	**Ni**	**62**	**0.448**	ug/L	0.007	1	8	138	6	KED
|	**Cu**	**63**	**0.522**	ug/L	0.032	6	102	2781	3	KED
|	**Cu**	**65**	**0.522**	ug/L	0.015	2	38	1374	3	KED
|	**Zn**	**66**	**6.237**	ug/L	0.377	6	75	4921	0	KED
|	**Zn**	**67**	**5.655**	ug/L	0.510	9	13	742	6	KED
|	**As**	**75**	**0.204**	ug/L	0.009	4	2	78	1	KED
⌊	**Se**	**78**	**0.515**	ug/L	0.078	15	12	35	12	KED
	Y	**89**		ug/L			885368	865052	0	Standard
	Kr	**83**		ug/L			323	348	13	Standard
⌈>	**In-1**	**115**		ug/L			32288	32949	0	KED
|	**Mo**	**98**	**0.199**	ug/L	0.020	9	3	392	10	KED
|	**Cd**	**111**	**0.102**	ug/L	0.025	24	4	51	22	KED
⌊	**Cd**	**114**	**0.119**	ug/L	0.023	19	2	143	19	KED
⌈>	**In**	**115**		ug/L			1802478	1742647	1	Standard
|	**Ag**	**107**	**0.197**	ug/L	0.011	5	66	4525	5	Standard
|	**Sb**	**121**	**0.209**	ug/L	0.002	0	107	5507	1	Standard
⌊	**Sb**	**123**	**0.218**	ug/L	0.002	0	97	4310	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3123358	0	Standard
⌊	**Pb**	**208**	**0.103**	ug/L	0.001	1	325	14233	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:46:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	174595	1	Standard
	Cl	**37**		ug/L			7945752	17624692	3	Standard
>	**Sc**	**45**		ug/L			1771523	1793198	1	Standard
	Cr	**52**	**0.505**	ug/L	0.022	4	20753	37320	1	Standard
	Cr	**53**	**7.096**	ug/L	0.028	0	175	26482	0	Standard
	Mn	**55**	**0.097**	ug/L	0.002	2	907	5797	0	Standard
>	**Ge**	**72**		ug/L			106438	108486	1	KED
	Ni	**60**	**0.068**	ug/L	0.007	9	32	150	9	KED
	Ni	**62**	**0.159**	ug/L	0.040	25	8	53	22	KED
	Cu	**63**	**0.071**	ug/L	0.009	12	102	458	8	KED
	Cu	**65**	**0.084**	ug/L	0.011	13	38	248	10	KED
	Zn	**66**	**0.433**	ug/L	0.057	13	75	406	12	KED
	Zn	**67**	**0.451**	ug/L	0.064	14	13	71	10	KED
	As	**75**	**0.025**	ug/L	0.002	8	2	11	6	KED
	Se	**78**	**0.033**	ug/L	0.042	126	12	13	12	KED
	Y	**89**		ug/L			885368	856423	1	Standard
	Kr	**83**		ug/L			323	436	7	Standard
>	**In-1**	**115**		ug/L			32288	31972	1	KED
	Mo	**98**	**406.333**	ug/L	5.612	1	3	769121	0	KED
	Cd	**111**	**0.066**	ug/L	0.009	13	4	33	12	KED
	Cd	**114**	**0.065**	ug/L	0.007	10	2	77	10	KED
>	**In**	**115**		ug/L			1802478	1719654	1	Standard
	Ag	**107**	**0.005**	ug/L	0.001	12	66	179	7	Standard
	Sb	**121**	**0.019**	ug/L	0.001	7	107	594	4	Standard
	Sb	**123**	**0.020**	ug/L	0.001	4	97	469	2	Standard
>	**Tb**	**159**		ug/L			3135538	3345382	0	Standard
	Pb	**208**	**0.017**	ug/L	0.001	7	325	2790	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:51:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	176909	0	Standard
	Cl	**37**		ug/L			7945752	17872184	2	Standard
>	**Sc**	**45**		ug/L			1771523	1772869	1	Standard
	Cr	**52**	**20.435**	ug/L	0.275	1	20753	674034	0	Standard
	Cr	**53**	**27.821**	ug/L	0.525	1	175	102125	0	Standard
	Mn	**55**	**20.098**	ug/L	0.426	2	907	1004006	1	Standard
>	**Ge**	**72**		ug/L			106438	110102	1	KED
	Ni	**60**	**20.384**	ug/L	0.268	1	32	35961	0	KED
	Ni	**62**	**20.283**	ug/L	0.091	0	8	5815	0	KED
	Cu	**63**	**19.727**	ug/L	0.165	0	102	100553	0	KED
	Cu	**65**	**19.752**	ug/L	0.293	1	38	50182	0	KED
	Zn	**66**	**19.000**	ug/L	0.286	1	75	14750	0	KED
	Zn	**67**	**18.116**	ug/L	0.439	2	13	2334	2	KED
	As	**75**	**19.754**	ug/L	0.043	0	2	7369	1	KED
	Se	**78**	**0.038**	ug/L	0.049	127	12	14	16	KED
	Y	**89**		ug/L			885368	849834	1	Standard
	Kr	**83**		ug/L			323	454	4	Standard
>	**In-1**	**115**		ug/L			32288	31379	1	KED
	Mo	**98**	**393.676**	ug/L	10.148	2	3	731535	3	KED
	Cd	**111**	**19.107**	ug/L	0.468	2	4	8445	3	KED
	Cd	**114**	**19.372**	ug/L	0.321	1	2	21969	2	KED
>	**In**	**115**		ug/L			1802478	1722363	1	Standard
	Ag	**107**	**18.146**	ug/L	0.584	3	66	406892	2	Standard
	Sb	**121**	**0.016**	ug/L	0.001	9	107	506	6	Standard
	Sb	**123**	**0.015**	ug/L	0.003	18	97	370	12	Standard
>	**Tb**	**159**		ug/L			3135538	3348292	0	Standard
	Pb	**208**	**0.016**	ug/L	0.000	2	325	2659	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:55:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	40571	0	Standard
	Cl	**37**		ug/L			7945752	8592768	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1657912	0	Standard
|	**Cr**	**52**	**203.481**	ug/L	1.181	0	20753	6103322	0	Standard
|	**Cr**	**53**	**203.044**	ug/L	0.588	0	175	696103	0	Standard
⌊	**Mn**	**55**	**202.376**	ug/L	0.325	0	907	9448288	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	105280	1	KED
|	**Ni**	**60**	**194.665**	ug/L	2.813	1	32	328121	0	KED
|	**Ni**	**62**	**196.485**	ug/L	3.046	1	8	53784	0	KED
|	**Cu**	**63**	**193.669**	ug/L	1.787	0	102	943039	0	KED
|	**Cu**	**65**	**193.822**	ug/L	2.933	1	38	470544	0	KED
|	**Zn**	**66**	**191.492**	ug/L	1.755	0	75	141482	0	KED
|	**Zn**	**67**	**188.403**	ug/L	1.808	0	13	23079	0	KED
|	**As**	**75**	**196.462**	ug/L	1.169	0	2	70059	0	KED
⌊	**Se**	**78**	**191.384**	ug/L	1.761	0	12	8111	0	KED
	Y	**89**		ug/L			885368	822743	0	Standard
	Kr	**83**		ug/L			323	423	9	Standard
⌈>	**In-1**	**115**		ug/L			32288	30065	0	KED
|	**Mo**	**98**	**203.537**	ug/L	0.671	0	3	362319	0	KED
|	**Cd**	**111**	**198.470**	ug/L	1.681	0	4	83998	0	KED
⌊	**Cd**	**114**	**198.561**	ug/L	1.936	0	2	215705	0	KED
⌈>	**In**	**115**		ug/L			1802478	1626263	1	Standard
|	**Ag**	**107**	**198.866**	ug/L	5.418	2	66	4210000	1	Standard
|	**Sb**	**121**	**206.336**	ug/L	2.329	1	107	4979175	1	Standard
⌊	**Sb**	**123**	**215.120**	ug/L	2.020	0	97	3884112	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3183656	1	Standard
⌊	**Pb**	**208**	**192.932**	ug/L	2.834	1	325	26449535	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:59:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	40092	2	Standard
	Cl	**37**		ug/L			7945752	8430689	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1583996	0	Standard
⎢	**Cr**	**52**	**312.378**	ug/L	2.073	0	20753	8941668	0	Standard
⎢	**Cr**	**53**	**309.577**	ug/L	1.425	0	175	1013955	0	Standard
⎣	**Mn**	**55**	**309.645**	ug/L	3.673	1	907	13811067	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	101344	0	KED
⎢	**Ni**	**60**	**300.189**	ug/L	1.207	0	32	487086	0	KED
⎢	**Ni**	**62**	**301.672**	ug/L	1.467	0	8	79496	1	KED
⎢	**Cu**	**63**	**289.800**	ug/L	2.295	0	102	1358379	0	KED
⎢	**Cu**	**65**	**291.249**	ug/L	2.799	0	38	680649	0	KED
⎢	**Zn**	**66**	**283.505**	ug/L	3.239	1	75	201616	1	KED
⎢	**Zn**	**67**	**282.269**	ug/L	2.231	0	13	33282	1	KED
⎢	**As**	**75**	**300.863**	ug/L	1.070	0	2	103283	1	KED
⎣	**Se**	**78**	**290.233**	ug/L	0.451	0	12	11836	0	KED
	Y	**89**		ug/L			885368	775630	0	Standard
	Kr	**83**		ug/L			323	502	3	Standard
⎡>	**In-1**	**115**		ug/L			32288	29113	1	KED
⎢	**Mo**	**98**	**307.299**	ug/L	6.884	2	3	529587	1	KED
⎢	**Cd**	**111**	**301.945**	ug/L	5.184	1	4	123726	0	KED
⎣	**Cd**	**114**	**305.921**	ug/L	5.375	1	2	321767	0	KED
⎡>	**In**	**115**		ug/L			1802478	1552102	1	Standard
⎢	**Ag**	**107**	**291.500**	ug/L	1.374	0	66	5890562	1	Standard
⎢	**Sb**	**121**	**301.094**	ug/L	1.675	0	107	6934110	0	Standard
⎣	**Sb**	**123**	**309.835**	ug/L	2.586	0	97	5339058	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3091949	0	Standard
⎣	**Pb**	**208**	**290.923**	ug/L	2.535	0	325	38736916	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:06:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	36419	2	Standard
	Cl	**37**		ug/L			7945752	8300064	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1722062	1	Standard
|	**Cr**	**52**	**0.027**	ug/L	0.008	29	20753	21004	1	Standard
|	**Cr**	**53**	**0.087**	ug/L	0.003	3	175	482	2	Standard
⌊	**Mn**	**55**	**0.011**	ug/L	0.001	7	907	1412	2	Standard
⌈>	**Ge**	**72**		ug/L			106438	108131	7	KED
|	**Ni**	**60**	**0.014**	ug/L	0.006	42	32	57	23	KED
|	**Ni**	**62**	**0.008**	ug/L	0.018	234	8	11	50	KED
|	**Cu**	**63**	**0.014**	ug/L	0.001	9	102	175	5	KED
|	**Cu**	**65**	**0.020**	ug/L	0.004	19	38	88	10	KED
|	**Zn**	**66**	**0.175**	ug/L	0.030	16	75	208	4	KED
|	**Zn**	**67**	**0.194**	ug/L	0.024	12	13	38	15	KED
|	**As**	**75**	**0.017**	ug/L	0.010	55	2	8	34	KED
⌊	**Se**	**78**	**0.021**	ug/L	0.024	112	12	13	15	KED
	Y	**89**		ug/L			885368	841235	0	Standard
	Kr	**83**		ug/L			323	314	4	Standard
⌈>	**In-1**	**115**		ug/L			32288	31707	1	KED
|	**Mo**	**98**	**0.036**	ug/L	0.006	15	3	70	14	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.004	155	4	2	66	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	106	2	5	64	KED
⌈>	**In**	**115**		ug/L			1802478	1711008	1	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	20	66	164	14	Standard
|	**Sb**	**121**	**0.202**	ug/L	0.003	1	107	5233	3	Standard
⌊	**Sb**	**123**	**0.206**	ug/L	0.011	5	97	4015	6	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3064320	0	Standard
⌊	**Pb**	**208**	**0.016**	ug/L	0.000	0	325	2409	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:13:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	35989	2	Standard
	Cl	**37**		ug/L			7945752	8192648	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1722969	1	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.009	37	20753	20941	0	Standard
|	**Cr**	**53**	**0.073**	ug/L	0.003	3	175	430	3	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.001	10	907	1372	4	Standard
⌈>	**Ge**	**72**		ug/L			106438	113640	1	KED
|	**Ni**	**60**	**0.015**	ug/L	0.003	21	32	61	9	KED
|	**Ni**	**62**	**0.009**	ug/L	0.003	38	8	12	9	KED
|	**Cu**	**63**	**0.015**	ug/L	0.002	15	102	190	7	KED
|	**Cu**	**65**	**0.020**	ug/L	0.002	10	38	93	5	KED
|	**Zn**	**66**	**0.185**	ug/L	0.008	4	75	227	4	KED
|	**Zn**	**67**	**0.151**	ug/L	0.096	63	13	34	37	KED
|	**As**	**75**	**0.009**	ug/L	0.009	93	2	6	57	KED
⌊	**Se**	**78**	**0.043**	ug/L	0.021	49	12	14	7	KED
	Y	**89**		ug/L			885368	860961	1	Standard
	Kr	**83**		ug/L			323	318	8	Standard
⌈>	**In-1**	**115**		ug/L			32288	32430	1	KED
|	**Mo**	**98**	**0.013**	ug/L	0.004	32	3	28	27	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.003	89	4	2	57	KED
⌊	**Cd**	**114**	**0.006**	ug/L	0.002	26	2	9	21	KED
⌈>	**In**	**115**		ug/L			1802478	1708182	2	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	47	66	90	12	Standard
|	**Sb**	**121**	**0.070**	ug/L	0.002	3	107	1880	0	Standard
⌊	**Sb**	**123**	**0.076**	ug/L	0.004	5	97	1528	3	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3037890	1	Standard
⌊	**Pb**	**208**	**0.014**	ug/L	0.001	4	325	2193	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:19:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31903	0	Standard
	Cl	**37**		ug/L			7945752	8722412	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1729095	0	Standard
⎢	**Cr**	**52**	**49.987**	ug/L	0.617	1	20753	1578889	0	Standard
⎢	**Cr**	**53**	**51.351**	ug/L	1.404	2	175	183717	2	Standard
⎣	**Mn**	**55**	**51.799**	ug/L	0.637	1	907	2522688	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	111620	0	KED
⎢	**Ni**	**60**	**50.502**	ug/L	0.271	0	32	90285	1	KED
⎢	**Ni**	**62**	**50.391**	ug/L	0.973	1	8	14631	1	KED
⎢	**Cu**	**63**	**50.180**	ug/L	0.225	0	102	259154	0	KED
⎢	**Cu**	**65**	**50.596**	ug/L	0.392	0	38	130271	1	KED
⎢	**Zn**	**66**	**50.786**	ug/L	0.046	0	75	39843	0	KED
⎢	**Zn**	**67**	**49.717**	ug/L	0.793	1	13	6468	2	KED
⎢	**As**	**75**	**49.850**	ug/L	0.211	0	2	18849	0	KED
⎣	**Se**	**78**	**50.539**	ug/L	0.313	0	12	2280	1	KED
	Y	**89**		ug/L			885368	857459	0	Standard
	Kr	**83**		ug/L			323	311	16	Standard
⎡>	**In-1**	**115**		ug/L			32288	32136	1	KED
⎢	**Mo**	**98**	**49.493**	ug/L	0.436	0	3	94170	0	KED
⎢	**Cd**	**111**	**50.466**	ug/L	0.937	1	4	22830	0	KED
⎣	**Cd**	**114**	**51.038**	ug/L	0.608	1	2	59263	0	KED
⎡>	**In**	**115**		ug/L			1802478	1691674	2	Standard
⎢	**Ag**	**107**	**49.098**	ug/L	0.819	1	66	1081263	1	Standard
⎢	**Sb**	**121**	**48.459**	ug/L	1.251	2	107	1216081	0	Standard
⎣	**Sb**	**123**	**50.603**	ug/L	0.630	1	97	950362	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3143540	1	Standard
⎣	**Pb**	**208**	**49.845**	ug/L	0.512	1	325	6747708	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:26:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29126	1	Standard
	Cl	**37**		ug/L			7945752	8222882	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1740673	0	Standard
|	**Cr**	**52**	**-0.002**	ug/L	0.002	74	20753	20316	0	Standard
|	**Cr**	**53**	**0.040**	ug/L	0.003	6	175	315	3	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	109	907	917	2	Standard
⌈>	**Ge**	**72**		ug/L			106438	111814	0	KED
|	**Ni**	**60**	**0.002**	ug/L	0.007	325	32	38	35	KED
|	**Ni**	**62**	**-0.015**	ug/L	0.010	69	8	5	57	KED
|	**Cu**	**63**	**0.002**	ug/L	0.002	95	102	119	9	KED
|	**Cu**	**65**	**0.006**	ug/L	0.003	42	38	56	11	KED
|	**Zn**	**66**	**0.010**	ug/L	0.025	256	75	86	21	KED
|	**Zn**	**67**	**-0.015**	ug/L	0.042	273	13	12	43	KED
|	**As**	**75**	**0.007**	ug/L	0.004	64	2	4	33	KED
⌊	**Se**	**78**	**-0.001**	ug/L	0.032	2376	12	12	11	KED
	Y	**89**		ug/L			885368	861482	0	Standard
	Kr	**83**		ug/L			323	337	8	Standard
⌈>	**In-1**	**115**		ug/L			32288	32042	0	KED
|	**Mo**	**98**	**0.011**	ug/L	0.002	14	3	24	13	KED
|	**Cd**	**111**	**0.002**	ug/L	0.001	52	4	5	10	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	148	2	3	52	KED
⌈>	**In**	**115**		ug/L			1802478	1717525	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	40	66	100	13	Standard
|	**Sb**	**121**	**0.074**	ug/L	0.004	5	107	1989	6	Standard
⌊	**Sb**	**123**	**0.079**	ug/L	0.004	5	97	1594	7	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3085237	0	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	6	325	682	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:33:21

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	44567	2	Standard
	Cl	**37**		ug/L			7945752	8006883	0	Standard
>	**Sc**	**45**		ug/L			1771523	1732125	1	Standard
	Cr	**52**	**0.098**	ug/L	0.009	8	20753	23356	0	Standard
	Cr	**53**	**0.124**	ug/L	0.006	4	175	615	2	Standard
	Mn	**55**	**0.311**	ug/L	0.001	0	907	16054	1	Standard
>	**Ge**	**72**		ug/L			106438	113336	2	KED
	Ni	**60**	**0.015**	ug/L	0.012	79	32	62	33	KED
	Ni	**62**	**0.045**	ug/L	0.011	24	8	22	16	KED
	Cu	**63**	**0.029**	ug/L	0.003	10	102	260	4	KED
	Cu	**65**	**0.033**	ug/L	0.007	20	38	126	15	KED
	Zn	**66**	**0.369**	ug/L	0.018	4	75	373	4	KED
	Zn	**67**	**0.297**	ug/L	0.077	25	13	53	18	KED
	As	**75**	**0.003**	ug/L	0.003	100	2	3	28	KED
	Se	**78**	**0.028**	ug/L	0.050	180	12	14	13	KED
	Y	**89**		ug/L			885368	850157	1	Standard
	Kr	**83**		ug/L			323	331	4	Standard
>	**In-1**	**115**		ug/L			32288	32307	1	KED
	Mo	**98**	**0.017**	ug/L	0.004	24	3	36	23	KED
	Cd	**111**	**-0.001**	ug/L	0.003	230	4	3	41	KED
	Cd	**114**	**0.002**	ug/L	0.004	166	2	4	85	KED
>	**In**	**115**		ug/L			1802478	1702496	1	Standard
	Ag	**107**	**0.002**	ug/L	0.000	15	66	99	6	Standard
	Sb	**121**	**0.043**	ug/L	0.001	2	107	1177	0	Standard
	Sb	**123**	**0.044**	ug/L	0.001	1	97	915	2	Standard
>	**Tb**	**159**		ug/L			3135538	3013569	0	Standard
	Pb	**208**	**0.005**	ug/L	0.001	11	325	909	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-05
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:40:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	47805	0	Standard
	Cl	37		ug/L			7945752	7981275	0	Standard
>	Sc	45		ug/L			1771523	1758973	2	Standard
	Cr	52	0.138	ug/L	0.011	8	20753	24969	1	Standard
	Cr	53	0.171	ug/L	0.007	3	175	797	0	Standard
	Mn	55	0.154	ug/L	0.005	3	907	8515	0	Standard
>	Ge	72		ug/L			106438	112344	1	KED
	Ni	60	0.033	ug/L	0.003	8	32	93	4	KED
	Ni	62	0.022	ug/L	0.008	35	8	15	13	KED
	Cu	63	0.050	ug/L	0.004	7	102	370	5	KED
	Cu	65	0.059	ug/L	0.008	14	38	193	10	KED
	Zn	66	0.230	ug/L	0.019	8	75	260	3	KED
	Zn	67	0.251	ug/L	0.057	22	13	47	17	KED
	As	75	0.004	ug/L	0.003	66	2	3	27	KED
	Se	78	-0.044	ug/L	0.038	84	12	10	13	KED
	Y	89		ug/L			885368	863841	0	Standard
	Kr	83		ug/L			323	349	4	Standard
>	In-1	115		ug/L			32288	32500	0	KED
	Mo	98	0.016	ug/L	0.001	7	3	33	6	KED
	Cd	111	-0.002	ug/L	0.005	242	4	3	75	KED
	Cd	114	-0.001	ug/L	0.001	175	2	1	67	KED
>	In	115		ug/L			1802478	1770908	1	Standard
	Ag	107	0.001	ug/L	0.001	77	66	81	15	Standard
	Sb	121	0.060	ug/L	0.001	1	107	1679	1	Standard
	Sb	123	0.063	ug/L	0.004	6	97	1327	5	Standard
>	Tb	159		ug/L			3135538	3097214	0	Standard
	Pb	208	0.003	ug/L	0.000	3	325	704	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-10
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:46:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	53603	1	Standard
	Cl	37		ug/L			7945752	8414320	0	Standard
>	Sc	45		ug/L			1771523	1815308	0	Standard
	Cr	52	0.306	ug/L	0.018	6	20753	31280	1	Standard
	Cr	53	0.587	ug/L	0.013	2	175	2381	3	Standard
	Mn	55	4.268	ug/L	0.005	0	907	219111	0	Standard
>	Ge	72		ug/L			106438	102833	2	KED
	Ni	60	0.477	ug/L	0.006	1	32	817	2	KED
	Ni	62	0.424	ug/L	0.026	6	8	121	6	KED
	Cu	63	0.804	ug/L	0.022	2	102	3923	3	KED
	Cu	65	0.814	ug/L	0.018	2	38	1965	1	KED
	Zn	66	0.618	ug/L	0.048	7	75	518	4	KED
	Zn	67	2.935	ug/L	0.361	12	13	365	13	KED
	As	75	1.390	ug/L	0.038	2	2	486	1	KED
	Se	78	0.090	ug/L	0.028	31	12	15	7	KED
	Y	89		ug/L			885368	818263	1	Standard
	Kr	83		ug/L			323	302	2	Standard
>	In-1	115		ug/L			32288	29959	1	KED
	Mo	98	6.819	ug/L	0.156	2	3	12098	1	KED
	Cd	111	0.011	ug/L	0.004	32	4	8	19	KED
	Cd	114	0.012	ug/L	0.007	54	2	15	46	KED
>	In	115		ug/L			1802478	1616828	1	Standard
	Ag	107	0.002	ug/L	0.000	18	66	98	6	Standard
	Sb	121	1.025	ug/L	0.025	2	107	24680	1	Standard
	Sb	123	1.064	ug/L	0.019	1	97	19177	0	Standard
>	Tb	159		ug/L			3135538	3042555	1	Standard
	Pb	208	0.027	ug/L	0.001	4	325	3885	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-12
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:52:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	53713	1	Standard
	Cl	**37**		ug/L			7945752	8539789	0	Standard
>	**Sc**	**45**		ug/L			1771523	1841837	0	Standard
	Cr	**52**	**0.568**	ug/L	0.006	1	20753	40434	0	Standard
	Cr	**53**	**0.895**	ug/L	0.010	1	175	3589	1	Standard
	Mn	**55**	**1.777**	ug/L	0.021	1	907	93101	0	Standard
>	**Ge**	**72**		ug/L			106438	100537	0	KED
	Ni	**60**	**0.507**	ug/L	0.018	3	32	845	2	KED
	Ni	**62**	**0.475**	ug/L	0.080	16	8	132	16	KED
	Cu	**63**	**0.800**	ug/L	0.039	4	102	3815	5	KED
	Cu	**65**	**0.817**	ug/L	0.014	1	38	1930	1	KED
	Zn	**66**	**0.694**	ug/L	0.042	6	75	560	5	KED
	Zn	**67**	**3.091**	ug/L	0.088	2	13	374	3	KED
	As	**75**	**1.249**	ug/L	0.022	1	2	427	2	KED
	Se	**78**	**0.147**	ug/L	0.121	82	12	17	28	KED
	Y	**89**		ug/L			885368	818026	0	Standard
	Kr	**83**		ug/L			323	342	2	Standard
>	**In-1**	**115**		ug/L			32288	29755	0	KED
	Mo	**98**	**6.797**	ug/L	0.059	0	3	11978	1	KED
	Cd	**111**	**0.004**	ug/L	0.006	149	4	5	44	KED
	Cd	**114**	**0.008**	ug/L	0.003	41	2	11	34	KED
>	**In**	**115**		ug/L			1802478	1636179	0	Standard
	Ag	**107**	**0.002**	ug/L	0.000	24	66	95	8	Standard
	Sb	**121**	**1.076**	ug/L	0.024	2	107	26211	1	Standard
	Sb	**123**	**1.113**	ug/L	0.012	1	97	20301	0	Standard
>	**Tb**	**159**		ug/L			3135538	3057180	0	Standard
	Pb	**208**	**0.058**	ug/L	0.001	1	325	7947	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-14
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:58:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	54648	1	Standard
	Cl	**37**		ug/L			7945752	8630729	1	Standard
>	**Sc**	**45**		ug/L			1771523	1845738	1	Standard
	Cr	**52**	**0.520**	ug/L	0.012	2	20753	38945	1	Standard
	Cr	**53**	**0.846**	ug/L	0.015	1	175	3409	0	Standard
	Mn	**55**	**1.569**	ug/L	0.017	1	907	82488	0	Standard
>	**Ge**	**72**		ug/L			106438	101241	0	KED
	Ni	**60**	**0.444**	ug/L	0.018	4	32	749	4	KED
	Ni	**62**	**0.436**	ug/L	0.032	7	8	123	5	KED
	Cu	**63**	**0.811**	ug/L	0.015	1	102	3897	1	KED
	Cu	**65**	**0.833**	ug/L	0.027	3	38	1981	3	KED
	Zn	**66**	**0.671**	ug/L	0.037	5	75	548	5	KED
	Zn	**67**	**2.784**	ug/L	0.109	3	13	340	2	KED
	As	**75**	**1.212**	ug/L	0.047	3	2	417	4	KED
	Se	**78**	**0.112**	ug/L	0.149	133	12	16	38	KED
	Y	**89**		ug/L			885368	831700	0	Standard
	Kr	**83**		ug/L			323	307	8	Standard
>	**In-1**	**115**		ug/L			32288	29995	0	KED
	Mo	**98**	**6.905**	ug/L	0.036	0	3	12265	0	KED
	Cd	**111**	**0.007**	ug/L	0.006	88	4	6	37	KED
	Cd	**114**	**0.005**	ug/L	0.004	77	2	7	55	KED
>	**In**	**115**		ug/L			1802478	1707073	1	Standard
	Ag	**107**	**0.001**	ug/L	0.000	22	66	81	4	Standard
	Sb	**121**	**1.063**	ug/L	0.019	1	107	27019	1	Standard
	Sb	**123**	**1.100**	ug/L	0.014	1	97	20942	0	Standard
>	**Tb**	**159**		ug/L			3135538	3115941	0	Standard
	Pb	**208**	**0.055**	ug/L	0.001	2	325	7689	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-18
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:03:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	57337	1	Standard
	Cl	37		ug/L			7945752	8420483	0	Standard
>	Sc	45		ug/L			1771523	1933343	1	Standard
	Cr	52	0.056	ug/L	0.016	28	20753	24598	1	Standard
	Cr	53	0.285	ug/L	0.014	4	175	1330	2	Standard
	Mn	55	49.957	ug/L	0.586	1	907	2720285	0	Standard
>	Ge	72		ug/L			106438	102815	0	KED
	Ni	60	1.325	ug/L	0.029	2	32	2212	2	KED
	Ni	62	1.285	ug/L	0.165	12	8	352	13	KED
	Cu	63	0.333	ug/L	0.013	3	102	1683	4	KED
	Cu	65	0.336	ug/L	0.008	2	38	832	3	KED
	Zn	66	0.548	ug/L	0.026	4	75	467	4	KED
	Zn	67	0.710	ug/L	0.066	9	13	98	7	KED
	As	75	0.228	ug/L	0.014	6	2	81	5	KED
	Se	78	0.038	ug/L	0.062	164	12	13	18	KED
	Y	89		ug/L			885368	849417	0	Standard
	Kr	83		ug/L			323	341	6	Standard
>	In-1	115		ug/L			32288	29906	1	KED
	Mo	98	0.044	ug/L	0.003	6	3	80	7	KED
	Cd	111	0.008	ug/L	0.006	70	4	7	32	KED
	Cd	114	0.009	ug/L	0.004	46	2	12	38	KED
>	In	115		ug/L			1802478	1719992	1	Standard
	Ag	107	-0.000	ug/L	0.000	388	66	60	19	Standard
	Sb	121	0.052	ug/L	0.001	2	107	1418	0	Standard
	Sb	123	0.054	ug/L	0.004	6	97	1122	4	Standard
>	Tb	159		ug/L			3135538	3089624	1	Standard
	Pb	208	0.006	ug/L	0.001	9	325	1156	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:09:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	53769	2	Standard
	Cl	37		ug/L			7945752	8411576	0	Standard
>	Sc	45		ug/L			1771523	1980691	5	Standard
	Cr	52	0.126	ug/L	0.055	43	20753	27638	1	Standard
	Cr	53	0.374	ug/L	0.021	5	175	1725	0	Standard
	Mn	55	48.626	ug/L	2.869	5	907	2706796	0	Standard
>	Ge	72		ug/L			106438	104122	1	KED
	Ni	60	1.378	ug/L	0.024	1	32	2328	1	KED
	Ni	62	1.279	ug/L	0.050	3	8	354	3	KED
	Cu	63	0.332	ug/L	0.009	2	102	1700	2	KED
	Cu	65	0.363	ug/L	0.015	4	38	907	5	KED
	Zn	66	0.589	ug/L	0.069	11	75	503	8	KED
	Zn	67	0.909	ug/L	0.097	10	13	123	11	KED
	As	75	0.214	ug/L	0.018	8	2	77	7	KED
	Se	78	0.062	ug/L	0.017	26	12	14	6	KED
	Y	89		ug/L			885368	842017	1	Standard
	Kr	83		ug/L			323	306	0	Standard
>	In-1	115		ug/L			32288	30565	0	KED
	Mo	98	0.060	ug/L	0.014	23	3	111	22	KED
	Cd	111	0.009	ug/L	0.004	51	4	7	25	KED
	Cd	114	0.017	ug/L	0.005	32	2	21	28	KED
>	In	115		ug/L			1802478	1717209	0	Standard
	Ag	107	0.001	ug/L	0.000	69	66	76	12	Standard
	Sb	121	0.067	ug/L	0.002	2	107	1802	3	Standard
	Sb	123	0.070	ug/L	0.001	1	97	1429	1	Standard
>	Tb	159		ug/L			3135538	3155960	0	Standard
	Pb	208	0.007	ug/L	0.000	4	325	1215	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:15:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	53600	1	Standard
Cl	37		ug/L			7945752	8480779	1	Standard
> Sc	45		ug/L			1771523	1931018	0	Standard
Cr	52	21.928	ug/L	0.513	2	20753	786137	1	Standard
Cr	53	22.778	ug/L	0.334	1	175	91117	0	Standard
Mn	55	72.068	ug/L	1.881	2	907	3918927	1	Standard
> Ge	72		ug/L			106438	104147	1	KED
Ni	60	26.892	ug/L	0.402	1	32	44866	0	KED
Ni	62	26.709	ug/L	0.712	2	8	7239	2	KED
Cu	63	25.578	ug/L	0.338	1	102	123290	0	KED
Cu	65	25.282	ug/L	0.411	1	38	60746	0	KED
Zn	66	77.987	ug/L	1.350	1	75	57043	1	KED
Zn	67	72.773	ug/L	1.146	1	13	8826	1	KED
As	75	25.482	ug/L	0.168	0	2	8991	1	KED
Se	78	79.056	ug/L	0.965	1	12	3321	1	KED
Y	89		ug/L			885368	852453	1	Standard
Kr	83		ug/L			323	283	7	Standard
> In-1	115		ug/L			32288	30962	1	KED
Mo	98	0.063	ug/L	0.008	12	3	119	12	KED
Cd	111	25.185	ug/L	0.549	2	4	10979	1	KED
Cd	114	25.690	ug/L	0.333	1	2	28741	0	KED
> In	115		ug/L			1802478	1739505	1	Standard
Ag	107	24.388	ug/L	0.488	2	66	552366	2	Standard
Sb	121	0.043	ug/L	0.002	3	107	1201	4	Standard
Sb	123	0.045	ug/L	0.002	5	97	971	5	Standard
> Tb	159		ug/L			3135538	3129988	0	Standard
Pb	208	24.693	ug/L	0.133	0	325	3328791	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:22:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	54744	0	Standard
	Cl	37		ug/L			7945752	8436163	0	Standard
>	Sc	45		ug/L			1771523	1949688	0	Standard
	Cr	52	22.371	ug/L	0.196	0	20753	809404	0	Standard
	Cr	53	23.107	ug/L	0.099	0	175	93331	0	Standard
	Mn	55	73.959	ug/L	0.585	0	907	4061166	0	Standard
>	Ge	72		ug/L			106438	105345	2	KED
	Ni	60	26.347	ug/L	0.079	0	32	44470	2	KED
	Ni	62	26.722	ug/L	0.421	1	8	7326	1	KED
	Cu	63	25.170	ug/L	0.340	1	102	122712	1	KED
	Cu	65	25.139	ug/L	0.219	0	38	61113	3	KED
	Zn	66	78.068	ug/L	0.527	0	75	57766	2	KED
	Zn	67	73.513	ug/L	1.675	2	13	9019	3	KED
	As	75	25.549	ug/L	0.450	1	2	9120	3	KED
	Se	78	78.494	ug/L	0.233	0	12	3336	2	KED
	Y	89		ug/L			885368	852361	0	Standard
	Kr	83		ug/L			323	328	9	Standard
>	In-1	115		ug/L			32288	30893	0	KED
	Mo	98	0.050	ug/L	0.007	14	3	94	13	KED
	Cd	111	25.372	ug/L	0.329	1	4	11037	1	KED
	Cd	114	25.561	ug/L	0.419	1	2	28536	1	KED
>	In	115		ug/L			1802478	1745496	1	Standard
	Ag	107	24.730	ug/L	1.001	4	66	562042	3	Standard
	Sb	121	0.035	ug/L	0.001	2	107	1017	3	Standard
	Sb	123	0.037	ug/L	0.002	5	97	802	5	Standard
>	Tb	159		ug/L			3135538	3143473	0	Standard
	Pb	208	24.978	ug/L	0.294	1	325	3381506	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:30:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	32306	1	Standard
	Cl	**37**		ug/L			7945752	9095970	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1768507	1	Standard
⎢	**Cr**	**52**	**-0.003**	ug/L	0.013	482	20753	20628	1	Standard
⎢	**Cr**	**53**	**0.032**	ug/L	0.003	9	175	293	3	Standard
⎣	**Mn**	**55**	**-0.001**	ug/L	0.001	60	907	850	3	Standard
⎡>	**Ge**	**72**		ug/L			106438	110415	0	KED
⎢	**Ni**	**60**	**0.007**	ug/L	0.007	97	32	46	27	KED
⎢	**Ni**	**62**	**0.006**	ug/L	0.004	75	8	10	10	KED
⎢	**Cu**	**63**	**-0.005**	ug/L	0.008	173	102	82	52	KED
⎢	**Cu**	**65**	**0.001**	ug/L	0.001	84	38	42	5	KED
⎢	**Zn**	**66**	**0.014**	ug/L	0.016	107	75	89	12	KED
⎢	**Zn**	**67**	**0.026**	ug/L	0.009	36	13	17	6	KED
⎢	**As**	**75**	**0.004**	ug/L	0.004	106	2	3	39	KED
⎣	**Se**	**78**	**-0.034**	ug/L	0.040	116	12	10	15	KED
	Y	**89**		ug/L			885368	870937	2	Standard
	Kr	**83**		ug/L			323	342	6	Standard
⎡>	**In-1**	**115**		ug/L			32288	31671	1	KED
⎢	**Mo**	**98**	**0.001**	ug/L	0.001	180	3	5	56	KED
⎢	**Cd**	**111**	**-0.006**	ug/L	0.001	21	4	1	34	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.004	377	2	3	135	KED
⎡>	**In**	**115**		ug/L			1802478	1765836	1	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	144	66	78	25	Standard
⎢	**Sb**	**121**	**0.002**	ug/L	0.001	32	107	146	8	Standard
⎣	**Sb**	**123**	**0.001**	ug/L	0.000	49	97	115	7	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3098219	0	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.001	27	325	573	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:34:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31474	2	Standard
	Cl	**37**		ug/L			7945752	9156584	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1761882	1	Standard
⎢	**Cr**	**52**	**49.802**	ug/L	1.159	2	20753	1602752	1	Standard
⎢	**Cr**	**53**	**51.265**	ug/L	0.148	0	175	186902	0	Standard
⎣	**Mn**	**55**	**52.181**	ug/L	1.109	2	907	2589269	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	111673	0	KED
⎢	**Ni**	**60**	**50.306**	ug/L	0.608	1	32	89975	1	KED
⎢	**Ni**	**62**	**50.698**	ug/L	1.000	1	8	14728	1	KED
⎢	**Cu**	**63**	**50.879**	ug/L	0.791	1	102	262886	1	KED
⎢	**Cu**	**65**	**50.505**	ug/L	0.389	0	38	130096	0	KED
⎢	**Zn**	**66**	**51.495**	ug/L	0.648	1	75	40417	1	KED
⎢	**Zn**	**67**	**49.810**	ug/L	0.918	1	13	6483	1	KED
⎢	**As**	**75**	**49.912**	ug/L	0.580	1	2	18882	1	KED
⎣	**Se**	**78**	**50.132**	ug/L	0.752	1	12	2263	1	KED
	Y	**89**		ug/L			885368	874812	1	Standard
	Kr	**83**		ug/L			323	322	9	Standard
⎡>	**In-1**	**115**		ug/L			32288	32516	0	KED
⎢	**Mo**	**98**	**49.135**	ug/L	0.765	1	3	94595	1	KED
⎢	**Cd**	**111**	**50.668**	ug/L	0.405	0	4	23195	0	KED
⎣	**Cd**	**114**	**51.286**	ug/L	0.325	0	2	60259	0	KED
⎡>	**In**	**115**		ug/L			1802478	1743924	1	Standard
⎢	**Ag**	**107**	**51.627**	ug/L	1.166	2	66	1171983	0	Standard
⎢	**Sb**	**121**	**49.572**	ug/L	1.028	2	107	1282628	1	Standard
⎣	**Sb**	**123**	**51.429**	ug/L	0.831	1	97	995682	0	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3196091	0	Standard
⎣	**Pb**	**208**	**50.681**	ug/L	0.215	0	325	6975905	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:41:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	28975	3	Standard
	Cl	**37**		ug/L			7945752	8846874	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1722019	1	Standard
|	**Cr**	**52**	**-0.023**	ug/L	0.006	24	20753	19461	0	Standard
|	**Cr**	**53**	**0.028**	ug/L	0.005	17	175	270	6	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.000	57	907	841	3	Standard
⌈>	**Ge**	**72**		ug/L			106438	111003	2	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.001	59	32	31	7	KED
|	**Ni**	**62**	**-0.006**	ug/L	0.013	228	8	7	50	KED
|	**Cu**	**63**	**0.000**	ug/L	0.001	255	102	109	3	KED
|	**Cu**	**65**	**0.006**	ug/L	0.005	80	38	56	25	KED
|	**Zn**	**66**	**0.023**	ug/L	0.013	57	75	97	11	KED
|	**Zn**	**67**	**0.060**	ug/L	0.025	42	13	22	13	KED
|	**As**	**75**	**0.004**	ug/L	0.001	28	2	3	13	KED
⌊	**Se**	**78**	**-0.048**	ug/L	0.006	12	12	10	3	KED
	Y	**89**		ug/L			885368	859403	0	Standard
	Kr	**83**		ug/L			323	337	8	Standard
⌈>	**In-1**	**115**		ug/L			32288	32426	0	KED
|	**Mo**	**98**	**0.007**	ug/L	0.002	26	3	17	21	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.001	21	4	1	34	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	182	2	2	34	KED
⌈>	**In**	**115**		ug/L			1802478	1753429	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	39	66	80	8	Standard
|	**Sb**	**121**	**0.055**	ug/L	0.000	0	107	1528	2	Standard
⌊	**Sb**	**123**	**0.056**	ug/L	0.002	3	97	1188	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3024278	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	4	325	587	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:52:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	43252	1	Standard
	Cl	37		ug/L			7945752	8698408	0	Standard
>	Sc	45		ug/L			1771523	1760106	1	Standard
	Cr	52	0.036	ug/L	0.008	22	20753	21774	0	Standard
	Cr	53	0.104	ug/L	0.009	8	175	552	6	Standard
	Mn	55	0.120	ug/L	0.004	3	907	6835	3	Standard
>	Ge	72		ug/L			106438	105738	11	KED
	Ni	60	0.026	ug/L	0.006	23	32	76	23	KED
	Ni	62	0.037	ug/L	0.031	82	8	18	31	KED
	Cu	63	0.031	ug/L	0.005	15	102	251	5	KED
	Cu	65	0.034	ug/L	0.007	19	38	120	1	KED
	Zn	66	0.418	ug/L	0.051	12	75	383	11	KED
	Zn	67	0.413	ug/L	0.012	2	13	64	12	KED
	As	75	0.004	ug/L	0.005	109	2	3	41	KED
	Se	78	-0.042	ug/L	0.123	294	12	10	55	KED
	Y	89		ug/L			885368	862984	1	Standard
	Kr	83		ug/L			323	333	4	Standard
>	In-1	115		ug/L			32288	31867	1	KED
	Mo	98	0.009	ug/L	0.002	25	3	19	20	KED
	Cd	111	-0.003	ug/L	0.003	97	4	2	57	KED
	Cd	114	0.001	ug/L	0.002	320	2	3	88	KED
>	In	115		ug/L			1802478	1776380	0	Standard
	Ag	107	0.001	ug/L	0.000	80	66	78	13	Standard
	Sb	121	0.025	ug/L	0.000	0	107	760	1	Standard
	Sb	123	0.027	ug/L	0.003	10	97	624	7	Standard
>	Tb	159		ug/L			3135538	3076117	0	Standard
	Pb	208	0.005	ug/L	0.000	2	325	926	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 16:58:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	39949	2	Standard
Cl	37		ug/L			7945752	8766988	0	Standard
Sc	45		ug/L			1771523	1810687	0	Standard
Cr	52	-0.010	ug/L	0.014	131	20753	20873	1	Standard
Cr	53	0.045	ug/L	0.010	22	175	347	11	Standard
Mn	55	0.017	ug/L	0.001	4	907	1778	2	Standard
Ge	72		ug/L			106438	114033	1	KED
Ni	60	0.005	ug/L	0.003	51	32	44	10	KED
Ni	62	-0.004	ug/L	0.004	100	8	8	13	KED
Cu	63	0.017	ug/L	0.003	19	102	198	8	KED
Cu	65	0.019	ug/L	0.002	12	38	90	6	KED
Zn	66	0.405	ug/L	0.021	5	75	405	3	KED
Zn	67	0.351	ug/L	0.036	10	13	61	9	KED
As	75	0.003	ug/L	0.004	136	2	3	43	KED
Se	78	0.013	ug/L	0.026	211	12	13	10	KED
Y	89		ug/L			885368	875539	1	Standard
Kr	83		ug/L			323	338	7	Standard
In-1	115		ug/L			32288	33686	0	KED
Mo	98	0.002	ug/L	0.001	40	3	7	20	KED
Cd	111	-0.004	ug/L	0.002	52	4	2	49	KED
Cd	114	-0.001	ug/L	0.001	68	2	0	115	KED
In	115		ug/L			1802478	1804876	0	Standard
Ag	107	0.000	ug/L	0.000	488	66	67	12	Standard
Sb	121	0.008	ug/L	0.000	5	107	318	3	Standard
Sb	123	0.008	ug/L	0.000	3	97	263	2	Standard
Tb	159		ug/L			3135538	3117388	1	Standard
Pb	208	0.006	ug/L	0.001	11	325	1148	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 17:02:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	37612	1	Standard
	Cl	37		ug/L			7945752	8901841	0	Standard
>	Sc	45		ug/L			1771523	1747267	1	Standard
	Cr	52	25.267	ug/L	0.246	0	20753	816682	2	Standard
	Cr	53	26.149	ug/L	0.228	0	175	94631	1	Standard
	Mn	55	25.453	ug/L	0.214	0	907	1253051	0	Standard
>	Ge	72		ug/L			106438	115407	0	KED
	Ni	60	25.555	ug/L	0.552	2	32	47250	1	KED
	Ni	62	25.409	ug/L	0.385	1	8	7633	1	KED
	Cu	63	25.904	ug/L	0.478	1	102	138367	1	KED
	Cu	65	25.989	ug/L	0.518	1	38	69200	1	KED
	Zn	66	79.637	ug/L	1.715	2	75	64549	2	KED
	Zn	67	76.432	ug/L	2.486	3	13	10272	2	KED
	As	75	24.270	ug/L	0.100	0	2	9489	0	KED
	Se	78	77.896	ug/L	1.684	2	12	3627	1	KED
	Y	89		ug/L			885368	860456	0	Standard
	Kr	83		ug/L			323	342	4	Standard
>	In-1	115		ug/L			32288	32938	2	KED
	Mo	98	0.003	ug/L	0.002	56	3	9	34	KED
	Cd	111	26.169	ug/L	0.571	2	4	12134	0	KED
	Cd	114	25.971	ug/L	0.661	2	2	30901	0	KED
>	In	115		ug/L			1802478	1766882	1	Standard
	Ag	107	26.187	ug/L	0.256	0	66	602416	1	Standard
	Sb	121	0.004	ug/L	0.001	14	107	206	8	Standard
	Sb	123	0.005	ug/L	0.000	8	97	184	5	Standard
>	Tb	159		ug/L			3135538	3014259	1	Standard
	Pb	208	26.665	ug/L	0.487	1	325	3460973	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 17:06:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	39982	1	Standard
	Cl	37		ug/L			7945752	8960520	0	Standard
⌈>	Sc	45		ug/L			1771523	1766662	2	Standard
|	Cr	52	0.007	ug/L	0.006	83	20753	20911	1	Standard
|	Cr	53	0.039	ug/L	0.005	11	175	316	7	Standard
⌊	Mn	55	0.008	ug/L	0.000	4	907	1292	3	Standard
⌈>	Ge	72		ug/L			106438	109164	0	KED
|	Ni	60	0.021	ug/L	0.008	38	32	70	21	KED
|	Ni	62	0.022	ug/L	0.014	64	8	15	25	KED
|	Cu	63	0.005	ug/L	0.003	62	102	131	11	KED
|	Cu	65	0.015	ug/L	0.002	15	38	76	7	KED
|	Zn	66	0.226	ug/L	0.017	7	75	250	5	KED
|	Zn	67	0.273	ug/L	0.073	26	13	48	17	KED
|	As	75	0.008	ug/L	0.002	26	2	5	15	KED
⌊	Se	78	-0.027	ug/L	0.037	136	12	11	14	KED
	Y	89		ug/L			885368	871302	0	Standard
	Kr	83		ug/L			323	315	8	Standard
⌈>	In-1	115		ug/L			32288	32746	1	KED
|	Mo	98	-0.000	ug/L	0.001	458	3	3	76	KED
|	Cd	111	0.001	ug/L	0.003	434	4	4	24	KED
⌊	Cd	114	0.003	ug/L	0.003	130	2	5	71	KED
⌈>	In	115		ug/L			1802478	1766970	0	Standard
|	Ag	107	0.001	ug/L	0.001	79	66	97	26	Standard
|	Sb	121	0.002	ug/L	0.001	44	107	163	16	Standard
⌊	Sb	123	0.003	ug/L	0.000	14	97	148	5	Standard
⌈>	Tb	159		ug/L			3135538	3086369	1	Standard
⌊	Pb	208	0.005	ug/L	0.000	7	325	971	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 17:11:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	37870	1	Standard
Cl	37		ug/L			7945752	8938822	0	Standard
> Sc	45		ug/L			1771523	1756077	4	Standard
Cr	52	23.957	ug/L	0.782	3	20753	778554	1	Standard
Cr	53	24.604	ug/L	0.875	3	175	89410	1	Standard
Mn	55	24.280	ug/L	1.049	4	907	1200069	1	Standard
> Ge	72		ug/L			106438	112557	1	KED
Ni	60	24.263	ug/L	0.301	1	32	43753	0	KED
Ni	62	24.717	ug/L	0.307	1	8	7243	2	KED
Cu	63	24.953	ug/L	0.519	2	102	130018	3	KED
Cu	65	25.024	ug/L	0.129	0	38	64986	1	KED
Zn	66	77.392	ug/L	0.820	1	75	61181	1	KED
Zn	67	72.524	ug/L	0.777	1	13	9507	1	KED
As	75	23.428	ug/L	0.164	0	2	8934	1	KED
Se	78	75.052	ug/L	0.636	0	12	3408	1	KED
Y	89		ug/L			885368	860368	3	Standard
Kr	83		ug/L			323	321	9	Standard
> In-1	115		ug/L			32288	32446	2	KED
Mo	98	23.080	ug/L	0.338	1	3	44338	2	KED
Cd	111	24.587	ug/L	0.318	1	4	11232	0	KED
Cd	114	25.151	ug/L	0.385	1	2	29484	1	KED
> In	115		ug/L			1802478	1786230	3	Standard
Ag	107	24.999	ug/L	0.490	1	66	581185	1	Standard
Sb	121	22.921	ug/L	0.396	1	107	607362	1	Standard
Sb	123	23.964	ug/L	0.655	2	97	475033	1	Standard
> Tb	159		ug/L			3135538	3095954	2	Standard
Pb	208	24.664	ug/L	0.463	1	325	3287534	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-16
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:22:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	60618	0	Standard
Cl	37		ug/L			7945752	8556583	0	Standard
> Sc	45		ug/L			1771523	1678020	1	Standard
Cr	52	0.134	ug/L	0.010	7	20753	23713	0	Standard
Cr	53	0.478	ug/L	0.010	2	175	1825	1	Standard
Mn	55	974.756	ug/L	23.475	2	907	46047607	1	Standard
> Ge	72		ug/L			106438	96991	3	KED
Ni	60	1.868	ug/L	0.032	1	32	2929	1	KED
Ni	62	2.021	ug/L	0.151	7	8	516	4	KED
Cu	63	1.650	ug/L	0.038	2	102	7493	3	KED
Cu	65	1.678	ug/L	0.017	1	38	3787	2	KED
Zn	66	0.756	ug/L	0.086	11	75	582	6	KED
Zn	67	5.325	ug/L	0.566	10	13	612	7	KED
As	75	6.484	ug/L	0.110	1	2	2131	2	KED
Se	78	0.252	ug/L	0.091	36	12	20	19	KED
Y	89		ug/L			885368	773981	1	Standard
Kr	83		ug/L			323	334	20	Standard
> In-1	115		ug/L			32288	28894	0	KED
Mo	98	32.674	ug/L	0.509	1	3	55900	1	KED
Cd	111	0.025	ug/L	0.015	58	4	13	43	KED
Cd	114	0.025	ug/L	0.002	7	2	28	7	KED
> In	115		ug/L			1802478	1508362	0	Standard
Ag	107	0.005	ug/L	0.000	9	66	153	6	Standard
Sb	121	1.635	ug/L	0.006	0	107	36683	0	Standard
Sb	123	1.712	ug/L	0.014	0	97	28750	0	Standard
> Tb	159		ug/L			3135538	2952190	1	Standard
Pb	208	0.204	ug/L	0.005	2	325	26183	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-20
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:28:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	53748	0	Standard
	Cl	**37**		ug/L			7945752	8258312	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1701039	0	Standard
|	**Cr**	**52**	**0.577**	ug/L	0.008	1	20753	37636	0	Standard
|	**Cr**	**53**	**1.074**	ug/L	0.014	1	175	3946	1	Standard
⌊	**Mn**	**55**	**6.465**	ug/L	0.013	0	907	310538	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	94866	1	KED
|	**Ni**	**60**	**0.497**	ug/L	0.002	0	32	783	0	KED
|	**Ni**	**62**	**0.544**	ug/L	0.022	4	8	142	4	KED
|	**Cu**	**63**	**1.530**	ug/L	0.036	2	102	6801	1	KED
|	**Cu**	**65**	**1.574**	ug/L	0.052	3	38	3476	2	KED
|	**Zn**	**66**	**0.568**	ug/L	0.026	4	75	445	4	KED
|	**Zn**	**67**	**6.557**	ug/L	0.369	5	13	735	5	KED
|	**As**	**75**	**2.615**	ug/L	0.063	2	2	842	3	KED
⌊	**Se**	**78**	**0.238**	ug/L	0.043	17	12	19	8	KED
	Y	**89**		ug/L			885368	774281	1	Standard
	Kr	**83**		ug/L			323	292	3	Standard
⌈>	**In-1**	**115**		ug/L			32288	28199	0	KED
|	**Mo**	**98**	**69.827**	ug/L	0.354	0	3	116588	0	KED
|	**Cd**	**111**	**0.030**	ug/L	0.001	4	4	15	3	KED
⌊	**Cd**	**114**	**0.014**	ug/L	0.008	52	2	16	46	KED
⌈>	**In**	**115**		ug/L			1802478	1495049	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	45	66	92	19	Standard
|	**Sb**	**121**	**3.360**	ug/L	0.021	0	107	74621	0	Standard
⌊	**Sb**	**123**	**3.488**	ug/L	0.007	0	97	57976	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	2971472	1	Standard
⌊	**Pb**	**208**	**0.063**	ug/L	0.001	1	325	8311	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-22
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:34:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	53805	1	Standard
Cl	37		ug/L			7945752	7137639	0	Standard
> Sc	45		ug/L			1771523	1334678	1	Standard
Cr	52	1.677	ug/L	0.017	1	20753	55999	0	Standard
Cr	53	2.483	ug/L	0.036	1	175	6982	0	Standard
Mn	55	4.682	ug/L	0.036	0	907	176633	1	Standard
> Ge	72		ug/L			106438	79717	1	KED
Ni	60	1.188	ug/L	0.038	3	32	1540	4	KED
Ni	62	1.232	ug/L	0.099	7	8	262	9	KED
Cu	63	4.069	ug/L	0.055	1	102	15075	0	KED
Cu	65	4.226	ug/L	0.018	0	38	7796	1	KED
Zn	66	0.423	ug/L	0.047	11	75	293	10	KED
Zn	67	9.303	ug/L	0.157	1	13	873	3	KED
As	75	5.034	ug/L	0.064	1	2	1361	1	KED
Se	78	0.671	ug/L	0.097	14	12	30	11	KED
Y	89		ug/L			885368	647478	0	Standard
Kr	83		ug/L			323	352	13	Standard
> In-1	115		ug/L			32288	24275	2	KED
Mo	98	381.798	ug/L	5.201	1	3	548676	1	KED
Cd	111	0.090	ug/L	0.014	15	4	33	11	KED
Cd	114	0.087	ug/L	0.015	17	2	77	16	KED
> In	115		ug/L			1802478	1147141	1	Standard
Ag	107	0.016	ug/L	0.001	9	66	277	7	Standard
Sb	121	9.390	ug/L	0.191	2	107	159863	0	Standard
Sb	123	9.733	ug/L	0.184	1	97	123988	0	Standard
> Tb	159		ug/L			3135538	2574155	0	Standard
Pb	208	0.094	ug/L	0.000	0	325	10668	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 17:40:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	57719	0	Standard
	Cl	**37**		ug/L			7945752	8574357	0	Standard
>	**Sc**	**45**		ug/L			1771523	2019308	6	Standard
	Cr	**52**	**18.425**	ug/L	1.094	5	20753	692951	0	Standard
	Cr	**53**	**19.342**	ug/L	1.087	5	175	80757	0	Standard
	Mn	**55**	**256.701**	ug/L	16.826	6	907	14556831	0	Standard
>	**Ge**	**72**		ug/L			106438	117012	1	KED
	Ni	**60**	**21.773**	ug/L	0.397	1	32	40816	0	KED
	Ni	**62**	**22.263**	ug/L	0.480	2	8	6781	1	KED
	Cu	**63**	**15.079**	ug/L	0.076	0	102	81712	1	KED
	Cu	**65**	**15.083**	ug/L	0.061	0	38	40738	1	KED
	Zn	**66**	**30.060**	ug/L	0.047	0	75	24756	1	KED
	Zn	**67**	**31.228**	ug/L	0.500	1	13	4264	0	KED
	As	**75**	**3.571**	ug/L	0.088	2	2	1417	0	KED
	Se	**78**	**0.540**	ug/L	0.081	14	12	38	11	KED
	Y	**89**		ug/L			885368	1201958	3	Standard
	Kr	**83**		ug/L			323	485	5	Standard
>	**In-1**	**115**		ug/L			32288	33331	1	KED
	Mo	**98**	**0.176**	ug/L	0.014	7	3	352	9	KED
	Cd	**111**	**0.107**	ug/L	0.016	15	4	54	12	KED
	Cd	**114**	**0.110**	ug/L	0.010	8	2	134	7	KED
>	**In**	**115**		ug/L			1802478	1694707	2	Standard
	Ag	**107**	**0.049**	ug/L	0.003	5	66	1134	3	Standard
	Sb	**121**	**0.011**	ug/L	0.001	11	107	382	6	Standard
	Sb	**123**	**0.010**	ug/L	0.002	19	97	279	12	Standard
>	**Tb**	**159**		ug/L			3135538	3241945	1	Standard
	Pb	**208**	**5.352**	ug/L	0.139	2	325	747287	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:50:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31864	1	Standard
	Cl	**37**		ug/L			7945752	8208328	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1768884	3	Standard
⎢	**Cr**	**52**	**-0.017**	ug/L	0.021	120	20753	20163	1	Standard
⎢	**Cr**	**53**	**0.006**	ug/L	0.002	34	175	197	5	Standard
⎣	**Mn**	**55**	**0.022**	ug/L	0.002	6	907	2014	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	110031	2	KED
⎢	**Ni**	**60**	**0.012**	ug/L	0.002	19	32	54	10	KED
⎢	**Ni**	**62**	**-0.006**	ug/L	0.006	112	8	7	25	KED
⎢	**Cu**	**63**	**0.002**	ug/L	0.005	271	102	114	20	KED
⎢	**Cu**	**65**	**0.002**	ug/L	0.001	25	38	44	4	KED
⎢	**Zn**	**66**	**0.024**	ug/L	0.020	82	75	96	14	KED
⎢	**Zn**	**67**	**0.007**	ug/L	0.018	278	13	15	12	KED
⎢	**As**	**75**	**0.004**	ug/L	0.001	34	2	3	12	KED
⎣	**Se**	**78**	**0.003**	ug/L	0.029	1112	12	12	9	KED
	Y	**89**		ug/L			885368	846873	0	Standard
	Kr	**83**		ug/L			323	339	16	Standard
⎡>	**In-1**	**115**		ug/L			32288	32194	2	KED
⎢	**Mo**	**98**	**0.001**	ug/L	0.001	87	3	5	34	KED
⎢	**Cd**	**111**	**-0.001**	ug/L	0.003	216	4	3	41	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.003	260	2	3	90	KED
⎡>	**In**	**115**		ug/L			1802478	1700863	1	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.001	220	66	53	35	Standard
⎢	**Sb**	**121**	**0.000**	ug/L	0.001	528	107	104	17	Standard
⎣	**Sb**	**123**	**-0.001**	ug/L	0.001	211	97	80	28	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3028178	2	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	13	325	496	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:55:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31980	1	Standard
	Cl	**37**		ug/L			7945752	8964576	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1810388	1	Standard
⎢	**Cr**	**52**	**49.265**	ug/L	0.381	0	20753	1629519	0	Standard
⎢	**Cr**	**53**	**50.919**	ug/L	0.316	0	175	190751	1	Standard
⎣	**Mn**	**55**	**51.607**	ug/L	0.539	1	907	2631383	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	116276	0	KED
⎢	**Ni**	**60**	**49.790**	ug/L	0.181	0	32	92724	1	KED
⎢	**Ni**	**62**	**49.945**	ug/L	1.332	2	8	15105	1	KED
⎢	**Cu**	**63**	**49.571**	ug/L	0.315	0	102	266679	0	KED
⎢	**Cu**	**65**	**49.532**	ug/L	0.108	0	38	132849	0	KED
⎢	**Zn**	**66**	**50.627**	ug/L	0.406	0	75	41377	1	KED
⎢	**Zn**	**67**	**51.287**	ug/L	1.391	2	13	6950	2	KED
⎢	**As**	**75**	**49.514**	ug/L	0.294	0	2	19503	0	KED
⎣	**Se**	**78**	**50.001**	ug/L	0.692	1	12	2350	0	KED
	Y	**89**		ug/L			885368	893658	2	Standard
	Kr	**83**		ug/L			323	354	14	Standard
⎡>	**In-1**	**115**		ug/L			32288	33749	0	KED
⎢	**Mo**	**98**	**48.984**	ug/L	0.268	0	3	97883	0	KED
⎢	**Cd**	**111**	**50.607**	ug/L	0.682	1	4	24046	1	KED
⎣	**Cd**	**114**	**50.515**	ug/L	0.858	1	2	61602	1	KED
⎡>	**In**	**115**		ug/L			1802478	1760115	1	Standard
⎢	**Ag**	**107**	**49.050**	ug/L	1.436	2	66	1123802	1	Standard
⎢	**Sb**	**121**	**48.705**	ug/L	1.039	2	107	1271906	1	Standard
⎣	**Sb**	**123**	**50.158**	ug/L	1.126	2	97	980067	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3186356	1	Standard
⎣	**Pb**	**208**	**50.812**	ug/L	0.724	1	325	6972078	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:02:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29582	1	Standard
	Cl	**37**		ug/L			7945752	8583238	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1772861	0	Standard
|	**Cr**	**52**	**-0.012**	ug/L	0.010	80	20753	20380	1	Standard
|	**Cr**	**53**	**0.006**	ug/L	0.003	47	175	196	4	Standard
⌊	**Mn**	**55**	**0.015**	ug/L	0.005	33	907	1675	15	Standard
⌈>	**Ge**	**72**		ug/L			106438	115415	2	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.009	559	32	32	52	KED
|	**Ni**	**62**	**-0.005**	ug/L	0.013	287	8	8	48	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.005	377	102	104	21	KED
|	**Cu**	**65**	**0.010**	ug/L	0.004	36	38	69	16	KED
|	**Zn**	**66**	**0.019**	ug/L	0.021	110	75	97	15	KED
|	**Zn**	**67**	**-0.014**	ug/L	0.055	385	13	13	57	KED
|	**As**	**75**	**0.003**	ug/L	0.006	200	2	3	61	KED
⌊	**Se**	**78**	**0.002**	ug/L	0.028	1211	12	13	9	KED
	Y	**89**		ug/L			885368	873663	0	Standard
	Kr	**83**		ug/L			323	299	4	Standard
⌈>	**In-1**	**115**		ug/L			32288	33688	0	KED
|	**Mo**	**98**	**0.008**	ug/L	0.001	6	3	20	4	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.001	49	4	3	17	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	387	2	3	69	KED
⌈>	**In**	**115**		ug/L			1802478	1743242	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	4	66	78	0	Standard
|	**Sb**	**121**	**0.053**	ug/L	0.001	1	107	1484	2	Standard
⌊	**Sb**	**123**	**0.055**	ug/L	0.002	2	97	1168	3	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3071467	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	14	325	629	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:08:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	39384	0	Standard
	Cl	37		ug/L			7945752	8429245	1	Standard
>	Sc	45		ug/L			1771523	1792635	1	Standard
	Cr	52	0.143	ug/L	0.004	2	20753	25619	1	Standard
	Cr	53	0.162	ug/L	0.007	4	175	778	4	Standard
	Mn	55	0.232	ug/L	0.002	0	907	12612	1	Standard
>	Ge	72		ug/L			106438	114978	3	KED
	Ni	60	0.016	ug/L	0.004	25	32	64	12	KED
	Ni	62	0.021	ug/L	0.008	39	8	15	18	KED
	Cu	63	0.008	ug/L	0.003	32	102	155	7	KED
	Cu	65	0.016	ug/L	0.003	16	38	83	12	KED
	Zn	66	0.291	ug/L	0.022	7	75	316	7	KED
	Zn	67	0.201	ug/L	0.070	34	13	41	22	KED
	As	75	0.002	ug/L	0.002	134	2	3	24	KED
	Se	78	-0.043	ug/L	0.010	23	12	11	7	KED
	Y	89		ug/L			885368	893809	2	Standard
	Kr	83		ug/L			323	339	7	Standard
>	In-1	115		ug/L			32288	32850	1	KED
	Mo	98	0.010	ug/L	0.003	33	3	23	28	KED
	Cd	111	-0.004	ug/L	0.002	66	4	2	43	KED
	Cd	114	0.001	ug/L	0.003	472	2	3	113	KED
>	In	115		ug/L			1802478	1777884	0	Standard
	Ag	107	0.000	ug/L	0.000	205	66	69	13	Standard
	Sb	121	0.027	ug/L	0.001	4	107	829	4	Standard
	Sb	123	0.027	ug/L	0.002	6	97	634	5	Standard
>	Tb	159		ug/L			3135538	3083054	2	Standard
	Pb	208	0.003	ug/L	0.000	5	325	651	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:12:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	40576	2	Standard
	Cl	37		ug/L			7945752	8597301	0	Standard
>	Sc	45		ug/L			1771523	1796945	1	Standard
	Cr	52	25.854	ug/L	0.141	0	20753	858866	1	Standard
	Cr	53	26.520	ug/L	0.145	0	175	98705	2	Standard
	Mn	55	26.401	ug/L	0.315	1	907	1336831	2	Standard
>	Ge	72		ug/L			106438	115363	0	KED
	Ni	60	26.673	ug/L	0.119	0	32	49298	0	KED
	Ni	62	26.592	ug/L	0.970	3	8	7985	3	KED
	Cu	63	26.424	ug/L	0.232	0	102	141097	0	KED
	Cu	65	26.880	ug/L	0.630	2	38	71548	2	KED
	Zn	66	86.248	ug/L	0.588	0	75	69876	0	KED
	Zn	67	80.750	ug/L	1.164	1	13	10848	1	KED
	As	75	25.661	ug/L	0.316	1	2	10029	1	KED
	Se	78	83.338	ug/L	0.752	0	12	3878	1	KED
	Y	89		ug/L			885368	887195	0	Standard
	Kr	83		ug/L			323	335	5	Standard
>	In-1	115		ug/L			32288	32403	3	KED
	Mo	98	0.009	ug/L	0.001	16	3	20	9	KED
	Cd	111	27.246	ug/L	0.412	1	4	12429	3	KED
	Cd	114	27.761	ug/L	0.557	2	2	32492	2	KED
>	In	115		ug/L			1802478	1781386	1	Standard
	Ag	107	26.835	ug/L	0.810	3	66	622480	3	Standard
	Sb	121	0.020	ug/L	0.001	5	107	636	3	Standard
	Sb	123	0.019	ug/L	0.001	3	97	464	2	Standard
>	Tb	159		ug/L			3135538	3078374	1	Standard
	Pb	208	27.122	ug/L	0.385	1	325	3595710	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0350-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 18:17:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	36363	1	Standard
	Cl	**37**		ug/L			7945752	8967426	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1777971	1	Standard
|	**Cr**	**52**	**0.033**	ug/L	0.004	10	20753	21902	0	Standard
|	**Cr**	**53**	**0.045**	ug/L	0.004	9	175	341	3	Standard
⌊	**Mn**	**55**	**0.484**	ug/L	0.005	1	907	25133	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	116066	1	KED
|	**Ni**	**60**	**0.034**	ug/L	0.010	29	32	99	20	KED
|	**Ni**	**62**	**0.027**	ug/L	0.012	46	8	17	22	KED
|	**Cu**	**63**	**2.372**	ug/L	0.038	1	102	12845	1	KED
|	**Cu**	**65**	**2.399**	ug/L	0.042	1	38	6461	1	KED
|	**Zn**	**66**	**3.320**	ug/L	0.055	1	75	2785	0	KED
|	**Zn**	**67**	**3.331**	ug/L	0.042	1	13	464	1	KED
|	**As**	**75**	**0.044**	ug/L	0.004	8	2	19	6	KED
⌊	**Se**	**78**	**0.072**	ug/L	0.141	195	12	16	40	KED
	Y	**89**		ug/L			885368	878933	0	Standard
	Kr	**83**		ug/L			323	352	7	Standard
⌈>	**In-1**	**115**		ug/L			32288	33342	0	KED
|	**Mo**	**98**	**0.072**	ug/L	0.008	11	3	144	11	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	187	4	3	41	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.003	1007	2	2	129	KED
⌈>	**In**	**115**		ug/L			1802478	1772292	1	Standard
|	**Ag**	**107**	**0.503**	ug/L	0.019	3	66	11679	2	Standard
|	**Sb**	**121**	**0.015**	ug/L	0.001	5	107	503	5	Standard
⌊	**Sb**	**123**	**0.015**	ug/L	0.002	11	97	399	7	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3112333	1	Standard
⌊	**Pb**	**208**	**0.030**	ug/L	0.001	2	325	4298	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0350-01
Sample Dil Factor: 100
Comments:
Sample Date/Time: Friday, June 25, 2021 18:24:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	132505	1	Standard
	Cl	**37**		ug/L			7945752	7756276	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1850771	0	Standard
|	**Cr**	**52**	**8.490**	ug/L	0.072	0	20753	305040	1	Standard
|	**Cr**	**53**	**8.644**	ug/L	0.067	0	175	33258	1	Standard
⌊	**Mn**	**55**	**150.266**	ug/L	1.160	0	907	7831519	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	107596	2	KED
|	**Ni**	**60**	**0.257**	ug/L	0.005	1	32	475	3	KED
|	**Ni**	**62**	**0.279**	ug/L	0.027	9	8	86	6	KED
|	**Cu**	**63**	**0.027**	ug/L	0.005	17	102	238	10	KED
|	**Cu**	**65**	**0.029**	ug/L	0.006	22	38	109	17	KED
|	**Zn**	**66**	**3.700**	ug/L	0.090	2	75	2868	3	KED
|	**Zn**	**67**	**3.408**	ug/L	0.136	4	13	440	4	KED
|	**As**	**75**	**0.019**	ug/L	0.002	8	2	9	7	KED
⌊	**Se**	**78**	**0.689**	ug/L	0.163	23	12	42	19	KED
	Y	**89**		ug/L			885368	897177	0	Standard
	Kr	**83**		ug/L			323	393	7	Standard
⌈>	**In-1**	**115**		ug/L			32288	31839	1	KED
|	**Mo**	**98**	**0.057**	ug/L	0.004	6	3	110	5	KED
|	**Cd**	**111**	**0.001**	ug/L	0.005	664	4	4	53	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	202	2	1	71	KED
⌈>	**In**	**115**		ug/L			1802478	1861038	2	Standard
|	**Ag**	**107**	**0.400**	ug/L	0.013	3	66	9757	1	Standard
|	**Sb**	**121**	**0.053**	ug/L	0.003	6	107	1561	4	Standard
⌊	**Sb**	**123**	**0.048**	ug/L	0.002	4	97	1083	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3512635	1	Standard
⌊	**Pb**	**208**	**0.047**	ug/L	0.001	2	325	7485	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0342-03
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:31:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	48985	0	Standard
	Cl	37		ug/L			7945752	9243972	0	Standard
>	Sc	45		ug/L			1771523	1914520	1	Standard
	Cr	52	0.581	ug/L	0.024	4	20753	42475	1	Standard
	Cr	53	1.406	ug/L	0.032	2	175	5754	1	Standard
	Mn	55	1.805	ug/L	0.021	1	907	98296	0	Standard
>	Ge	72		ug/L			106438	110880	1	KED
	Ni	60	2.385	ug/L	0.026	1	32	4267	1	KED
	Ni	62	2.345	ug/L	0.167	7	8	685	6	KED
	Cu	63	1.626	ug/L	0.045	2	102	8443	1	KED
	Cu	65	1.647	ug/L	0.011	0	38	4252	2	KED
	Zn	66	2.625	ug/L	0.079	2	75	2120	3	KED
	Zn	67	2.618	ug/L	0.143	5	13	352	6	KED
	As	75	0.035	ug/L	0.009	26	2	15	20	KED
	Se	78	0.070	ug/L	0.068	97	12	15	18	KED
	Y	89		ug/L			885368	904825	1	Standard
	Kr	83		ug/L			323	365	6	Standard
>	In-1	115		ug/L			32288	33164	0	KED
	Mo	98	7.157	ug/L	0.137	1	3	14058	2	KED
	Cd	111	0.006	ug/L	0.001	21	4	6	7	KED
	Cd	114	0.000	ug/L	0.001	296	2	3	57	KED
>	In	115		ug/L			1802478	1864875	2	Standard
	Ag	107	0.001	ug/L	0.001	70	66	92	16	Standard
	Sb	121	0.350	ug/L	0.014	4	107	9798	1	Standard
	Sb	123	0.368	ug/L	0.009	2	97	7713	0	Standard
>	Tb	159		ug/L			3135538	3313126	0	Standard
	Pb	208	0.044	ug/L	0.001	2	325	6624	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0338-01
Sample Dil Factor: 10
Comments:
Sample Date/Time: Friday, June 25, 2021 18:38:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	36274	1	Standard
	Cl	37		ug/L			7945752	9053263	0	Standard
⌈>	Sc	45		ug/L			1771523	1778920	1	Standard
|	Cr	52	0.030	ug/L	0.010	32	20753	21793	1	Standard
|	Cr	53	0.029	ug/L	0.007	25	175	283	9	Standard
⌊	Mn	55	0.015	ug/L	0.000	1	907	1682	2	Standard
⌈>	Ge	72		ug/L			106438	107328	1	KED
|	Ni	60	0.009	ug/L	0.004	37	32	48	13	KED
|	Ni	62	-0.002	ug/L	0.014	589	8	8	48	KED
|	Cu	63	0.011	ug/L	0.006	54	102	158	19	KED
|	Cu	65	0.014	ug/L	0.007	48	38	72	21	KED
|	Zn	66	0.196	ug/L	0.016	8	75	223	4	KED
|	Zn	67	0.187	ug/L	0.037	19	13	37	12	KED
|	As	75	0.005	ug/L	0.002	29	2	4	13	KED
⌊	Se	78	0.016	ug/L	0.046	289	12	12	16	KED
	Y	89		ug/L			885368	884404	0	Standard
	Kr	83		ug/L			323	349	3	Standard
⌈>	In-1	115		ug/L			32288	33027	0	KED
|	Mo	98	0.006	ug/L	0.000	2	3	14	2	KED
|	Cd	111	-0.004	ug/L	0.003	72	4	2	65	KED
⌊	Cd	114	-0.000	ug/L	0.002	3093	2	2	97	KED
⌈>	In	115		ug/L			1802478	1803759	2	Standard
|	Ag	107	-0.000	ug/L	0.000	40	66	59	3	Standard
|	Sb	121	0.002	ug/L	0.000	18	107	165	4	Standard
⌊	Sb	123	0.001	ug/L	0.001	139	97	116	23	Standard
⌈>	Tb	159		ug/L			3135538	3148527	0	Standard
⌊	Pb	208	0.007	ug/L	0.000	5	325	1238	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0339-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:47:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	751595	0	Standard
	Cl	37		ug/L			7945752	8739392	0	Standard
>	Sc	45		ug/L			1771523	1772281	1	Standard
	Cr	52	7.173	ug/L	0.074	1	20753	250000	1	Standard
	Cr	53	6.720	ug/L	0.076	1	175	24796	1	Standard
	Mn	55	14.781	ug/L	0.149	1	907	738464	0	Standard
>	Ge	72		ug/L			106438	94738	3	KED
	Ni	60	6.660	ug/L	0.264	3	32	10124	2	KED
	Ni	62	6.491	ug/L	0.384	5	8	1605	4	KED
	Cu	63	0.637	ug/L	0.025	3	102	2881	0	KED
	Cu	65	0.661	ug/L	0.022	3	38	1478	6	KED
	Zn	66	5.379	ug/L	0.159	2	75	3642	4	KED
	Zn	67	7.075	ug/L	0.336	4	13	791	2	KED
	As	75	0.476	ug/L	0.018	3	2	154	6	KED
	Se	78	0.183	ug/L	0.017	9	12	17	6	KED
	Y	89		ug/L			885368	834133	1	Standard
	Kr	83		ug/L			323	325	4	Standard
>	In-1	115		ug/L			32288	29669	0	KED
	Mo	98	1.693	ug/L	0.041	2	3	2976	1	KED
	Cd	111	0.030	ug/L	0.007	22	4	16	17	KED
	Cd	114	0.025	ug/L	0.015	60	2	29	56	KED
>	In	115		ug/L			1802478	1650669	1	Standard
	Ag	107	0.006	ug/L	0.001	15	66	180	9	Standard
	Sb	121	0.695	ug/L	0.006	0	107	17123	1	Standard
	Sb	123	0.727	ug/L	0.007	0	97	13421	1	Standard
>	Tb	159		ug/L			3135538	3253637	1	Standard
	Pb	208	0.119	ug/L	0.001	0	325	16942	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0373-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:53:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	376474	0	Standard
	Cl	37		ug/L			7945752	8296101	0	Standard
>	Sc	45		ug/L			1771523	2067622	3	Standard
	Cr	52	21.669	ug/L	0.715	3	20753	831548	0	Standard
	Cr	53	22.738	ug/L	0.895	3	175	97307	0	Standard
	Mn	55	37.232	ug/L	0.866	2	907	2167479	1	Standard
>	Ge	72		ug/L			106438	110148	0	KED
	Ni	60	7.172	ug/L	0.049	0	32	12681	1	KED
	Ni	62	7.141	ug/L	0.239	3	8	2054	3	KED
	Cu	63	20.474	ug/L	0.166	0	102	104402	0	KED
	Cu	65	20.321	ug/L	0.188	0	38	51652	0	KED
	Zn	66	201.408	ug/L	0.971	0	75	155698	1	KED
	Zn	67	187.939	ug/L	0.951	0	13	24089	1	KED
	As	75	0.783	ug/L	0.023	2	2	294	3	KED
	Se	78	0.064	ug/L	0.032	49	12	15	9	KED
	Y	89		ug/L			885368	926856	0	Standard
	Kr	83		ug/L			323	331	6	Standard
>	In-1	115		ug/L			32288	32633	0	KED
	Mo	98	1.611	ug/L	0.072	4	3	3116	4	KED
	Cd	111	15.107	ug/L	0.097	0	4	6943	0	KED
	Cd	114	15.046	ug/L	0.224	1	2	17744	1	KED
>	In	115		ug/L			1802478	1857412	2	Standard
	Ag	107	0.113	ug/L	0.006	4	66	2802	3	Standard
	Sb	121	1.077	ug/L	0.022	2	107	29793	0	Standard
	Sb	123	1.108	ug/L	0.009	0	97	22950	1	Standard
>	Tb	159		ug/L			3135538	3388116	1	Standard
	Pb	208	1.333	ug/L	0.019	1	325	194795	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0375-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, June 25, 2021 18:59:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	902117	2	Standard
	Cl	37		ug/L			7945752	8759724	0	Standard
>	Sc	45		ug/L			1771523	1850700	1	Standard
	Cr	52	40.136	ug/L	0.343	0	20753	1361128	1	Standard
	Cr	53	39.735	ug/L	0.023	0	175	152213	1	Standard
	Mn	55	64.769	ug/L	0.695	1	907	3375678	0	Standard
>	Ge	72		ug/L			106438	99944	0	KED
	Ni	60	5.244	ug/L	0.083	1	32	8422	1	KED
	Ni	62	5.148	ug/L	0.098	1	8	1346	2	KED
	Cu	63	1.607	ug/L	0.028	1	102	7525	2	KED
	Cu	65	1.631	ug/L	0.030	1	38	3794	2	KED
	Zn	66	50.372	ug/L	0.483	0	75	35383	0	KED
	Zn	67	47.438	ug/L	1.525	3	13	5526	2	KED
	As	75	0.644	ug/L	0.020	3	2	220	3	KED
	Se	78	0.134	ug/L	0.015	11	12	16	4	KED
	Y	89		ug/L			885368	872079	1	Standard
	Kr	83		ug/L			323	327	5	Standard
>	In-1	115		ug/L			32288	30620	1	KED
	Mo	98	5.553	ug/L	0.156	2	3	10070	2	KED
	Cd	111	0.203	ug/L	0.021	10	4	91	10	KED
	Cd	114	0.195	ug/L	0.030	15	2	217	14	KED
>	In	115		ug/L			1802478	1791773	1	Standard
	Ag	107	0.026	ug/L	0.002	8	66	676	8	Standard
	Sb	121	0.642	ug/L	0.003	0	107	17170	1	Standard
	Sb	123	0.665	ug/L	0.010	1	97	13320	0	Standard
>	Tb	159		ug/L			3135538	3355034	1	Standard
	Pb	208	0.232	ug/L	0.005	2	325	33821	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 19:04:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	41409	0	Standard
	Cl	**37**		ug/L			7945752	9630056	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1864200	0	Standard
⎢	**Cr**	**52**	**0.001**	ug/L	0.008	678	20753	21878	0	Standard
⎢	**Cr**	**53**	**0.011**	ug/L	0.003	22	175	227	3	Standard
⎣	**Mn**	**55**	**0.003**	ug/L	0.001	25	907	1125	3	Standard
⎡>	**Ge**	**72**		ug/L			106438	107444	1	KED
⎢	**Ni**	**60**	**0.005**	ug/L	0.006	138	32	40	27	KED
⎢	**Ni**	**62**	**0.002**	ug/L	0.014	673	8	9	40	KED
⎢	**Cu**	**63**	**-0.001**	ug/L	0.002	118	102	97	7	KED
⎢	**Cu**	**65**	**0.004**	ug/L	0.007	171	38	48	33	KED
⎢	**Zn**	**66**	**0.021**	ug/L	0.023	109	75	92	19	KED
⎢	**Zn**	**67**	**0.014**	ug/L	0.033	228	13	15	24	KED
⎢	**As**	**75**	**0.005**	ug/L	0.001	16	2	4	6	KED
⎣	**Se**	**78**	**0.076**	ug/L	0.033	43	12	15	8	KED
	Y	**89**		ug/L			885368	879069	0	Standard
	Kr	**83**		ug/L			323	378	2	Standard
⎡>	**In-1**	**115**		ug/L			32288	30672	2	KED
⎢	**Mo**	**98**	**0.000**	ug/L	0.002	6295	3	3	107	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.003	62	4	1	91	KED
⎣	**Cd**	**114**	**-0.000**	ug/L	0.002	330	2	1	104	KED
⎡>	**In**	**115**		ug/L			1802478	1846139	2	Standard
⎢	**Ag**	**107**	**-0.001**	ug/L	0.001	62	66	46	31	Standard
⎢	**Sb**	**121**	**-0.001**	ug/L	0.001	93	107	94	16	Standard
⎣	**Sb**	**123**	**-0.001**	ug/L	0.001	126	97	86	18	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3221410	1	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	32	325	474	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 19:10:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	35071	1	Standard
	Cl	**37**		ug/L			7945752	9016018	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1814245	0	Standard
⎢	**Cr**	**52**	**49.310**	ug/L	0.220	0	20753	1634574	0	Standard
⎢	**Cr**	**53**	**51.041**	ug/L	0.283	0	175	191615	0	Standard
⎣	**Mn**	**55**	**52.155**	ug/L	0.401	0	907	2665230	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	109442	3	KED
⎢	**Ni**	**60**	**49.474**	ug/L	1.211	2	32	86682	1	KED
⎢	**Ni**	**62**	**50.095**	ug/L	1.444	2	8	14256	2	KED
⎢	**Cu**	**63**	**50.074**	ug/L	0.440	0	102	253525	2	KED
⎢	**Cu**	**65**	**50.279**	ug/L	1.102	2	38	126877	1	KED
⎢	**Zn**	**66**	**50.760**	ug/L	1.017	2	75	39029	1	KED
⎢	**Zn**	**67**	**49.414**	ug/L	0.860	1	13	6301	1	KED
⎢	**As**	**75**	**49.915**	ug/L	1.152	2	2	18500	2	KED
⎣	**Se**	**78**	**49.387**	ug/L	1.159	2	12	2184	1	KED
	Y	**89**		ug/L			885368	899421	2	Standard
	Kr	**83**		ug/L			323	350	12	Standard
⎡>	**In-1**	**115**		ug/L			32288	32188	2	KED
⎢	**Mo**	**98**	**49.021**	ug/L	0.533	1	3	93412	1	KED
⎢	**Cd**	**111**	**50.498**	ug/L	0.604	1	4	22880	1	KED
⎣	**Cd**	**114**	**51.270**	ug/L	0.831	1	2	59617	0	KED
⎡>	**In**	**115**		ug/L			1802478	1800226	2	Standard
⎢	**Ag**	**107**	**50.076**	ug/L	0.331	0	66	1173823	2	Standard
⎢	**Sb**	**121**	**49.522**	ug/L	0.946	1	107	1322605	0	Standard
⎣	**Sb**	**123**	**51.595**	ug/L	0.742	1	97	1031199	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3277614	0	Standard
⎣	**Pb**	**208**	**51.065**	ug/L	0.431	0	325	7208064	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 19:17:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31132	2	Standard
	Cl	**37**		ug/L			7945752	8712842	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1763551	0	Standard
|	**Cr**	**52**	**-0.026**	ug/L	0.007	27	20753	19818	0	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.002	38	175	189	3	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	23	907	1171	4	Standard
⌈>	**Ge**	**72**		ug/L			106438	108076	4	KED
|	**Ni**	**60**	**0.004**	ug/L	0.006	170	32	39	27	KED
|	**Ni**	**62**	**-0.021**	ug/L	0.004	20	8	3	34	KED
|	**Cu**	**63**	**0.003**	ug/L	0.001	30	102	118	4	KED
|	**Cu**	**65**	**0.009**	ug/L	0.004	46	38	60	14	KED
|	**Zn**	**66**	**0.021**	ug/L	0.035	166	75	92	28	KED
|	**Zn**	**67**	**0.004**	ug/L	0.087	2193	13	14	71	KED
|	**As**	**75**	**0.004**	ug/L	0.002	38	2	3	12	KED
⌊	**Se**	**78**	**0.095**	ug/L	0.084	88	12	16	19	KED
	Y	**89**		ug/L			885368	882217	1	Standard
	Kr	**83**		ug/L			323	322	8	Standard
⌈>	**In-1**	**115**		ug/L			32288	32180	1	KED
|	**Mo**	**98**	**0.009**	ug/L	0.003	36	3	20	29	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.004	154	4	2	66	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.002	19186	2	2	119	KED
⌈>	**In**	**115**		ug/L			1802478	1784960	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	98	66	88	24	Standard
|	**Sb**	**121**	**0.052**	ug/L	0.004	7	107	1492	7	Standard
⌊	**Sb**	**123**	**0.052**	ug/L	0.002	2	97	1126	2	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3123261	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	17	325	646	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:24:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	49464	1	Standard
	Cl	37		ug/L			7945752	8401648	0	Standard
>	Sc	45		ug/L			1771523	2127704	0	Standard
	Cr	52	15.723	ug/L	0.047	0	20753	628243	0	Standard
	Cr	53	16.341	ug/L	0.126	0	175	72088	0	Standard
	Mn	55	247.830	ug/L	2.613	1	907	14848241	0	Standard
>	Ge	72		ug/L			106438	112988	1	KED
	Ni	60	19.830	ug/L	0.207	1	32	35908	2	KED
	Ni	62	20.216	ug/L	0.364	1	8	5947	1	KED
	Cu	63	19.184	ug/L	0.113	0	102	100355	1	KED
	Cu	65	19.003	ug/L	0.085	0	38	49552	1	KED
	Zn	66	32.812	ug/L	0.417	1	75	26081	0	KED
	Zn	67	33.906	ug/L	0.668	1	13	4469	1	KED
	As	75	4.107	ug/L	0.081	1	2	1574	2	KED
	Se	78	0.487	ug/L	0.136	27	12	34	18	KED
	Y	89		ug/L			885368	1217902	1	Standard
	Kr	83		ug/L			323	453	7	Standard
>	In-1	115		ug/L			32288	32824	2	KED
	Mo	98	0.106	ug/L	0.006	5	3	209	4	KED
	Cd	111	0.102	ug/L	0.012	11	4	51	12	KED
	Cd	114	0.112	ug/L	0.002	1	2	135	1	KED
>	In	115		ug/L			1802478	1814724	2	Standard
	Ag	107	0.059	ug/L	0.002	3	66	1461	4	Standard
	Sb	121	0.021	ug/L	0.002	8	107	662	5	Standard
	Sb	123	0.022	ug/L	0.002	10	97	541	8	Standard
>	Tb	159		ug/L			3135538	3362684	0	Standard
	Pb	208	7.331	ug/L	0.067	0	325	1061903	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:29:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	49471	2	Standard
	Cl	37		ug/L			7945752	8368869	1	Standard
>	Sc	45		ug/L			1771523	2070938	4	Standard
	Cr	52	14.482	ug/L	0.363	2	20753	564756	1	Standard
	Cr	53	14.896	ug/L	0.439	2	175	63933	2	Standard
	Mn	55	276.019	ug/L	7.225	2	907	16084917	1	Standard
>	Ge	72		ug/L			106438	115907	0	KED
	Ni	60	18.786	ug/L	0.187	0	32	34896	1	KED
	Ni	62	18.889	ug/L	0.156	0	8	5701	0	KED
	Cu	63	19.039	ug/L	0.153	0	102	102165	0	KED
	Cu	65	19.048	ug/L	0.105	0	38	50950	0	KED
	Zn	66	37.336	ug/L	0.175	0	75	30437	0	KED
	Zn	67	38.060	ug/L	0.755	1	13	5145	2	KED
	As	75	5.191	ug/L	0.047	0	2	2040	0	KED
	Se	78	0.423	ug/L	0.093	21	12	32	13	KED
	Y	89		ug/L			885368	1244848	1	Standard
	Kr	83		ug/L			323	466	3	Standard
>	In-1	115		ug/L			32288	33810	0	KED
	Mo	98	0.158	ug/L	0.004	2	3	320	1	KED
	Cd	111	0.120	ug/L	0.022	18	4	61	17	KED
	Cd	114	0.123	ug/L	0.013	10	2	153	11	KED
>	In	115		ug/L			1802478	1779830	0	Standard
	Ag	107	0.052	ug/L	0.002	4	66	1261	4	Standard
	Sb	121	0.033	ug/L	0.001	4	107	979	3	Standard
	Sb	123	0.035	ug/L	0.001	2	97	779	1	Standard
>	Tb	159		ug/L			3135538	3356467	1	Standard
	Pb	208	8.977	ug/L	0.056	0	325	1297839	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:34:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	52270	1	Standard
	Cl	37		ug/L			7945752	8184523	1	Standard
>	Sc	45		ug/L			1771523	2078172	3	Standard
	Cr	52	19.609	ug/L	0.490	2	20753	758849	2	Standard
	Cr	53	20.053	ug/L	0.489	2	175	86310	1	Standard
	Mn	55	287.097	ug/L	10.401	3	907	16785782	0	Standard
>	Ge	72		ug/L			106438	115233	0	KED
	Ni	60	25.799	ug/L	0.211	0	32	47631	0	KED
	Ni	62	26.263	ug/L	0.439	1	8	7877	1	KED
	Cu	63	19.638	ug/L	0.172	0	102	104769	1	KED
	Cu	65	19.766	ug/L	0.382	1	38	52563	1	KED
	Zn	66	33.114	ug/L	0.604	1	75	26848	1	KED
	Zn	67	34.721	ug/L	0.118	0	13	4668	0	KED
	As	75	3.601	ug/L	0.052	1	2	1408	1	KED
	Se	78	0.475	ug/L	0.044	9	12	35	5	KED
	Y	89		ug/L			885368	1275381	1	Standard
	Kr	83		ug/L			323	502	4	Standard
>	In-1	115		ug/L			32288	34030	0	KED
	Mo	98	0.112	ug/L	0.018	15	3	229	15	KED
	Cd	111	0.068	ug/L	0.008	12	4	36	10	KED
	Cd	114	0.089	ug/L	0.013	14	2	112	14	KED
>	In	115		ug/L			1802478	1797981	1	Standard
	Ag	107	0.049	ug/L	0.003	5	66	1203	3	Standard
	Sb	121	0.009	ug/L	0.001	13	107	353	8	Standard
	Sb	123	0.010	ug/L	0.000	4	97	291	3	Standard
>	Tb	159		ug/L			3135538	3347925	1	Standard
	Pb	208	5.609	ug/L	0.057	1	325	808917	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:38:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	51591	1	Standard
	Cl	37		ug/L			7945752	8195763	0	Standard
>	Sc	45		ug/L			1771523	2136900	0	Standard
	Cr	52	11.050	ug/L	0.158	1	20753	450828	0	Standard
	Cr	53	11.446	ug/L	0.235	2	175	50773	1	Standard
	Mn	55	212.659	ug/L	3.406	1	907	12795860	0	Standard
>	Ge	72		ug/L			106438	118784	2	KED
	Ni	60	16.238	ug/L	0.131	0	32	30913	1	KED
	Ni	62	16.262	ug/L	0.184	1	8	5032	3	KED
	Cu	63	15.832	ug/L	0.226	1	102	87074	1	KED
	Cu	65	15.969	ug/L	0.248	1	38	43777	1	KED
	Zn	66	27.928	ug/L	0.052	0	75	23354	2	KED
	Zn	67	28.566	ug/L	0.543	1	13	3961	2	KED
	As	75	3.277	ug/L	0.088	2	2	1320	2	KED
	Se	78	0.455	ug/L	0.120	26	12	35	17	KED
	Y	89		ug/L			885368	1180632	1	Standard
	Kr	83		ug/L			323	462	6	Standard
>	In-1	115		ug/L			32288	34359	1	KED
	Mo	98	0.127	ug/L	0.002	1	3	262	1	KED
	Cd	111	0.079	ug/L	0.008	10	4	42	7	KED
	Cd	114	0.075	ug/L	0.008	10	2	95	9	KED
>	In	115		ug/L			1802478	1779129	0	Standard
	Ag	107	0.038	ug/L	0.002	5	66	939	4	Standard
	Sb	121	0.007	ug/L	0.001	21	107	284	12	Standard
	Sb	123	0.005	ug/L	0.001	13	97	203	5	Standard
>	Tb	159		ug/L			3135538	3319568	0	Standard
	Pb	208	5.801	ug/L	0.091	1	325	829578	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:42:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	49061	1	Standard
	Cl	**37**		ug/L			7945752	8195683	0	Standard
>	**Sc**	**45**		ug/L			1771523	2057328	3	Standard
	Cr	**52**	**15.001**	ug/L	0.720	4	20753	580097	1	Standard
	Cr	**53**	**15.438**	ug/L	0.559	3	175	65815	0	Standard
	Mn	**55**	**284.471**	ug/L	10.867	3	907	16466977	1	Standard
>	**Ge**	**72**		ug/L			106438	116147	1	KED
	Ni	**60**	**22.722**	ug/L	0.133	0	32	42287	1	KED
	Ni	**62**	**22.896**	ug/L	0.433	1	8	6924	3	KED
	Cu	**63**	**19.929**	ug/L	0.164	0	102	107158	0	KED
	Cu	**65**	**19.874**	ug/L	0.041	0	38	53271	1	KED
	Zn	**66**	**34.515**	ug/L	0.391	1	75	28202	1	KED
	Zn	**67**	**35.424**	ug/L	0.606	1	13	4800	3	KED
	As	**75**	**3.522**	ug/L	0.074	2	2	1388	3	KED
	Se	**78**	**0.493**	ug/L	0.092	18	12	36	10	KED
	Y	**89**		ug/L			885368	1229255	0	Standard
	Kr	**83**		ug/L			323	542	3	Standard
>	**In-1**	**115**		ug/L			32288	33059	2	KED
	Mo	**98**	**0.159**	ug/L	0.009	5	3	314	3	KED
	Cd	**111**	**0.075**	ug/L	0.019	25	4	39	21	KED
	Cd	**114**	**0.070**	ug/L	0.002	2	2	85	2	KED
>	**In**	**115**		ug/L			1802478	1737981	0	Standard
	Ag	**107**	**0.041**	ug/L	0.002	4	66	993	4	Standard
	Sb	**121**	**0.005**	ug/L	0.000	4	107	233	2	Standard
	Sb	**123**	**0.004**	ug/L	0.001	23	97	165	10	Standard
>	**Tb**	**159**		ug/L			3135538	3293866	1	Standard
	Pb	**208**	**5.660**	ug/L	0.013	0	325	803165	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0182-13
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:48:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	53066	0	Standard
	Cl	37		ug/L			7945752	8037819	0	Standard
>	Sc	45		ug/L			1771523	1913198	1	Standard
	Cr	52	17.397	ug/L	0.079	0	20753	622656	1	Standard
	Cr	53	18.045	ug/L	0.263	1	175	71557	0	Standard
	Mn	55	76.728	ug/L	0.217	0	907	4134427	1	Standard
>	Ge	72		ug/L			106438	115313	3	KED
	Ni	60	11.973	ug/L	0.014	0	32	22140	3	KED
	Ni	62	12.268	ug/L	0.287	2	8	3686	2	KED
	Cu	63	6.089	ug/L	0.122	2	102	32571	1	KED
	Cu	65	6.136	ug/L	0.083	1	38	16353	2	KED
	Zn	66	26.977	ug/L	0.250	0	75	21899	2	KED
	Zn	67	26.507	ug/L	0.171	0	13	3569	2	KED
	As	75	3.277	ug/L	0.014	0	2	1282	2	KED
	Se	78	0.456	ug/L	0.063	13	12	34	6	KED
	Y	89		ug/L			885368	1057351	0	Standard
	Kr	83		ug/L			323	433	5	Standard
>	In-1	115		ug/L			32288	33101	2	KED
	Mo	98	0.173	ug/L	0.018	10	3	342	7	KED
	Cd	111	0.080	ug/L	0.015	18	4	41	15	KED
	Cd	114	0.075	ug/L	0.013	16	2	92	18	KED
>	In	115		ug/L			1802478	1743797	0	Standard
	Ag	107	0.037	ug/L	0.002	5	66	909	4	Standard
	Sb	121	0.003	ug/L	0.000	14	107	177	6	Standard
	Sb	123	0.001	ug/L	0.001	76	97	123	17	Standard
>	Tb	159		ug/L			3135538	3275117	0	Standard
	Pb	208	3.230	ug/L	0.005	0	325	455850	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:52:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	52606	1	Standard
	Cl	37		ug/L			7945752	8022603	0	Standard
>	Sc	45		ug/L			1771523	1935992	2	Standard
	Cr	52	16.879	ug/L	0.749	4	20753	611538	1	Standard
	Cr	53	17.488	ug/L	0.791	4	175	70135	2	Standard
	Mn	55	73.723	ug/L	3.601	4	907	4016478	2	Standard
>	Ge	72		ug/L			106438	114516	1	KED
	Ni	60	12.151	ug/L	0.154	1	32	22311	1	KED
	Ni	62	11.851	ug/L	0.416	3	8	3536	2	KED
	Cu	63	6.229	ug/L	0.069	1	102	33098	0	KED
	Cu	65	6.292	ug/L	0.074	1	38	16657	1	KED
	Zn	66	28.751	ug/L	0.158	0	75	23176	1	KED
	Zn	67	26.320	ug/L	0.353	1	13	3520	2	KED
	As	75	3.216	ug/L	0.029	0	2	1249	0	KED
	Se	78	0.527	ug/L	0.110	20	12	37	13	KED
	Y	89		ug/L			885368	1073532	1	Standard
	Kr	83		ug/L			323	391	10	Standard
>	In-1	115		ug/L			32288	33513	1	KED
	Mo	98	0.156	ug/L	0.009	5	3	312	5	KED
	Cd	111	0.075	ug/L	0.009	11	4	39	9	KED
	Cd	114	0.068	ug/L	0.009	13	2	85	11	KED
>	In	115		ug/L			1802478	1791303	4	Standard
	Ag	107	0.034	ug/L	0.005	14	66	848	9	Standard
	Sb	121	0.001	ug/L	0.001	89	107	142	18	Standard
	Sb	123	0.001	ug/L	0.001	117	97	111	11	Standard
>	Tb	159		ug/L			3135538	3308191	3	Standard
	Pb	208	3.139	ug/L	0.176	5	325	446975	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:57:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	51964	2	Standard
	Cl	37		ug/L			7945752	8218879	0	Standard
>	Sc	45		ug/L			1771523	1918102	0	Standard
	Cr	52	39.288	ug/L	0.695	1	20753	1381353	1	Standard
	Cr	53	40.003	ug/L	0.707	1	175	158809	1	Standard
	Mn	55	96.104	ug/L	1.611	1	907	5190955	0	Standard
>	Ge	72		ug/L			106438	115211	1	KED
	Ni	60	34.429	ug/L	0.307	0	32	63541	1	KED
	Ni	62	34.660	ug/L	0.496	1	8	10392	2	KED
	Cu	63	28.293	ug/L	0.106	0	102	150870	1	KED
	Cu	65	28.740	ug/L	0.140	0	38	76394	1	KED
	Zn	66	98.168	ug/L	0.714	0	75	79422	2	KED
	Zn	67	94.694	ug/L	2.329	2	13	12705	3	KED
	As	75	24.847	ug/L	0.263	1	2	9699	2	KED
	Se	78	70.223	ug/L	1.161	1	12	3266	3	KED
	Y	89		ug/L			885368	1065399	0	Standard
	Kr	83		ug/L			323	390	2	Standard
>	In-1	115		ug/L			32288	33070	2	KED
	Mo	98	15.751	ug/L	0.391	2	3	30833	0	KED
	Cd	111	23.629	ug/L	0.579	2	4	10999	0	KED
	Cd	114	23.646	ug/L	0.287	1	2	28253	1	KED
>	In	115		ug/L			1802478	1765624	1	Standard
	Ag	107	17.163	ug/L	0.479	2	66	394479	1	Standard
	Sb	121	0.403	ug/L	0.005	1	107	10662	2	Standard
	Sb	123	0.404	ug/L	0.018	4	97	8004	3	Standard
>	Tb	159		ug/L			3135538	3249145	1	Standard
	Pb	208	25.588	ug/L	0.141	0	325	3580593	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:01:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	57847	1	Standard
	Cl	**37**		ug/L			7945752	8173137	1	Standard
>	**Sc**	**45**		ug/L			1771523	1912743	0	Standard
	Cr	**52**	**38.012**	ug/L	1.207	3	20753	1333615	3	Standard
	Cr	**53**	**38.865**	ug/L	1.360	3	175	153870	3	Standard
	Mn	**55**	**95.293**	ug/L	1.803	1	907	5133243	1	Standard
>	**Ge**	**72**		ug/L			106438	115071	1	KED
	Ni	**60**	**35.097**	ug/L	0.606	1	32	64683	1	KED
	Ni	**62**	**35.191**	ug/L	1.191	3	8	10533	1	KED
	Cu	**63**	**28.936**	ug/L	0.206	0	102	154106	1	KED
	Cu	**65**	**29.306**	ug/L	0.464	1	38	77789	0	KED
	Zn	**66**	**99.345**	ug/L	1.419	1	75	80255	0	KED
	Zn	**67**	**94.320**	ug/L	0.387	0	13	12636	1	KED
	As	**75**	**25.687**	ug/L	0.497	1	2	10012	0	KED
	Se	**78**	**72.537**	ug/L	0.948	1	12	3368	1	KED
	Y	**89**		ug/L			885368	1070299	1	Standard
	Kr	**83**		ug/L			323	425	0	Standard
>	**In-1**	**115**		ug/L			32288	33344	1	KED
	Mo	**98**	**22.396**	ug/L	0.567	2	3	44215	2	KED
	Cd	**111**	**23.077**	ug/L	0.228	0	4	10835	0	KED
	Cd	**114**	**23.452**	ug/L	0.306	1	2	28256	1	KED
>	**In**	**115**		ug/L			1802478	1751660	1	Standard
	Ag	**107**	**22.233**	ug/L	1.164	5	66	506836	3	Standard
	Sb	**121**	**21.590**	ug/L	1.114	5	107	560911	3	Standard
	Sb	**123**	**22.579**	ug/L	1.218	5	97	438895	3	Standard
>	**Tb**	**159**		ug/L			3135538	3277066	0	Standard
	Pb	**208**	**24.606**	ug/L	0.523	2	325	3472990	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 20:06:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	32393	0	Standard
	Cl	**37**		ug/L			7945752	7833803	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1670758	6	Standard
|	**Cr**	**52**	**-0.017**	ug/L	0.031	182	20753	19026	1	Standard
|	**Cr**	**53**	**0.009**	ug/L	0.007	77	175	195	7	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	21	907	1100	4	Standard
⌈>	**Ge**	**72**		ug/L			106438	113448	1	KED
|	**Ni**	**60**	**0.007**	ug/L	0.002	22	32	47	6	KED
|	**Ni**	**62**	**0.002**	ug/L	0.009	417	8	10	28	KED
|	**Cu**	**63**	**0.001**	ug/L	0.001	166	102	113	5	KED
|	**Cu**	**65**	**0.001**	ug/L	0.005	355	38	44	30	KED
|	**Zn**	**66**	**0.047**	ug/L	0.012	25	75	118	9	KED
|	**Zn**	**67**	**0.008**	ug/L	0.066	871	13	15	54	KED
|	**As**	**75**	**0.006**	ug/L	0.006	92	2	4	45	KED
⌊	**Se**	**78**	**-0.005**	ug/L	0.088	1774	12	12	33	KED
	Y	**89**		ug/L			885368	826595	6	Standard
	Kr	**83**		ug/L			323	337	13	Standard
⌈>	**In-1**	**115**		ug/L			32288	33745	1	KED
|	**Mo**	**98**	**0.003**	ug/L	0.000	14	3	10	10	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.005	176	4	2	88	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	293	2	3	91	KED
⌈>	**In**	**115**		ug/L			1802478	1644607	7	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	71	66	55	12	Standard
|	**Sb**	**121**	**0.002**	ug/L	0.001	42	107	151	13	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.001	79	97	106	8	Standard
⌈>	**Tb**	**159**		ug/L			3135538	2900247	5	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	2	325	939	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 20:11:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31946	1	Standard
	Cl	**37**		ug/L			7945752	8569652	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1717657	0	Standard
|	**Cr**	**52**	**50.860**	ug/L	0.399	0	20753	1595622	1	Standard
|	**Cr**	**53**	**51.907**	ug/L	0.271	0	175	184497	0	Standard
⌊	**Mn**	**55**	**53.300**	ug/L	0.834	1	907	2578594	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	112965	2	KED
|	**Ni**	**60**	**49.925**	ug/L	0.271	0	32	90320	1	KED
|	**Ni**	**62**	**49.643**	ug/L	0.390	0	8	14589	2	KED
|	**Cu**	**63**	**50.081**	ug/L	0.553	1	102	261769	2	KED
|	**Cu**	**65**	**49.968**	ug/L	0.539	1	38	130184	1	KED
|	**Zn**	**66**	**50.582**	ug/L	0.516	1	75	40156	1	KED
|	**Zn**	**67**	**50.395**	ug/L	0.746	1	13	6634	1	KED
|	**As**	**75**	**50.007**	ug/L	0.215	0	2	19135	1	KED
⌊	**Se**	**78**	**50.245**	ug/L	0.611	1	12	2294	3	KED
	Y	**89**		ug/L			885368	846286	2	Standard
	Kr	**83**		ug/L			323	346	11	Standard
⌈>	**In-1**	**115**		ug/L			32288	32695	1	KED
|	**Mo**	**98**	**49.765**	ug/L	0.408	0	3	96331	0	KED
|	**Cd**	**111**	**50.940**	ug/L	1.001	1	4	23443	0	KED
⌊	**Cd**	**114**	**51.451**	ug/L	0.628	1	2	60780	1	KED
⌈>	**In**	**115**		ug/L			1802478	1721649	1	Standard
|	**Ag**	**107**	**48.843**	ug/L	0.580	1	66	1094972	2	Standard
|	**Sb**	**121**	**47.355**	ug/L	0.542	1	107	1209712	0	Standard
⌊	**Sb**	**123**	**49.812**	ug/L	0.779	1	97	952103	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3085829	0	Standard
⌊	**Pb**	**208**	**50.700**	ug/L	0.278	0	325	6737792	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 20:18:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29732	1	Standard
	Cl	**37**		ug/L			7945752	8087697	1	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1710085	0	Standard
⎢	**Cr**	**52**	**-0.003**	ug/L	0.007	210	20753	19932	1	Standard
⎢	**Cr**	**53**	**0.002**	ug/L	0.000	21	175	175	0	Standard
⎣	**Mn**	**55**	**0.004**	ug/L	0.000	9	907	1068	2	Standard
⎡>	**Ge**	**72**		ug/L			106438	111586	4	KED
⎢	**Ni**	**60**	**0.001**	ug/L	0.000	23	32	36	5	KED
⎢	**Ni**	**62**	**0.014**	ug/L	0.012	85	8	13	24	KED
⎢	**Cu**	**63**	**0.001**	ug/L	0.003	194	102	114	8	KED
⎢	**Cu**	**65**	**0.008**	ug/L	0.012	143	38	62	54	KED
⎢	**Zn**	**66**	**0.023**	ug/L	0.013	56	75	97	14	KED
⎢	**Zn**	**67**	**0.032**	ug/L	0.079	243	13	19	55	KED
⎢	**As**	**75**	**0.007**	ug/L	0.001	14	2	4	11	KED
⎣	**Se**	**78**	**-0.001**	ug/L	0.034	5166	12	12	7	KED
	Y	**89**		ug/L			885368	840612	1	Standard
	Kr	**83**		ug/L			323	352	10	Standard
⎡>	**In-1**	**115**		ug/L			32288	32924	2	KED
⎢	**Mo**	**98**	**0.009**	ug/L	0.001	16	3	20	15	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.000	2	4	1		KED
⎣	**Cd**	**114**	**0.000**	ug/L	0.002	535	2	2	98	KED
⎡>	**In**	**115**		ug/L			1802478	1697573	1	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	56	66	72	9	Standard
⎢	**Sb**	**121**	**0.051**	ug/L	0.001	2	107	1377	3	Standard
⎣	**Sb**	**123**	**0.049**	ug/L	0.001	1	97	1020	0	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3008596	1	Standard
⎣	**Pb**	**208**	**0.003**	ug/L	0.000	2	325	736	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0182-17
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:24:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	48795	1	Standard
	Cl	37		ug/L			7945752	8099030	0	Standard
>	Sc	45		ug/L			1771523	1904729	0	Standard
	Cr	52	14.696	ug/L	0.042	0	20753	527109	0	Standard
	Cr	53	15.277	ug/L	0.124	0	175	60344	0	Standard
	Mn	55	73.670	ug/L	0.074	0	907	3952126	0	Standard
>	Ge	72		ug/L			106438	115084	3	KED
	Ni	60	9.854	ug/L	0.192	1	32	18183	1	KED
	Ni	62	10.009	ug/L	0.483	4	8	3001	1	KED
	Cu	63	5.148	ug/L	0.025	0	102	27512	2	KED
	Cu	65	5.189	ug/L	0.078	1	38	13808	2	KED
	Zn	66	24.607	ug/L	0.109	0	75	19944	2	KED
	Zn	67	23.781	ug/L	0.181	0	13	3197	2	KED
	As	75	2.307	ug/L	0.049	2	2	901	3	KED
	Se	78	0.351	ug/L	0.132	37	12	29	18	KED
	Y	89		ug/L			885368	1038627	0	Standard
	Kr	83		ug/L			323	366	6	Standard
>	In-1	115		ug/L			32288	33550	1	KED
	Mo	98	0.133	ug/L	0.012	8	3	267	7	KED
	Cd	111	0.042	ug/L	0.005	10	4	24	8	KED
	Cd	114	0.040	ug/L	0.005	13	2	50	12	KED
>	In	115		ug/L			1802478	1735888	0	Standard
	Ag	107	0.032	ug/L	0.001	4	66	781	4	Standard
	Sb	121	0.018	ug/L	0.001	8	107	558	7	Standard
	Sb	123	0.019	ug/L	0.001	7	97	453	5	Standard
>	Tb	159		ug/L			3135538	3227493	0	Standard
	Pb	208	2.907	ug/L	0.040	1	325	404433	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0182-21
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:28:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	51322	1	Standard
	Cl	37		ug/L			7945752	8103298	0	Standard
>	Sc	45		ug/L			1771523	1914210	1	Standard
	Cr	52	19.367	ug/L	0.247	1	20753	690925	0	Standard
	Cr	53	19.944	ug/L	0.168	0	175	79116	1	Standard
	Mn	55	96.616	ug/L	1.625	1	907	5208102	1	Standard
>	Ge	72		ug/L			106438	114623	1	KED
	Ni	60	14.735	ug/L	0.062	0	32	27074	1	KED
	Ni	62	14.692	ug/L	0.371	2	8	4386	1	KED
	Cu	63	8.122	ug/L	0.130	1	102	43165	1	KED
	Cu	65	8.126	ug/L	0.231	2	38	21513	1	KED
	Zn	66	30.255	ug/L	0.770	2	75	24411	3	KED
	Zn	67	29.118	ug/L	1.943	6	13	3894	5	KED
	As	75	3.662	ug/L	0.131	3	2	1423	2	KED
	Se	78	0.398	ug/L	0.072	18	12	31	9	KED
	Y	89		ug/L			885368	1064888	0	Standard
	Kr	83		ug/L			323	451	16	Standard
>	In-1	115		ug/L			32288	33390	1	KED
	Mo	98	0.187	ug/L	0.007	3	3	372	3	KED
	Cd	111	0.088	ug/L	0.008	8	4	45	9	KED
	Cd	114	0.073	ug/L	0.003	4	2	90	5	KED
>	In	115		ug/L			1802478	1740297	1	Standard
	Ag	107	0.045	ug/L	0.001	1	66	1077	1	Standard
	Sb	121	0.008	ug/L	0.001	8	107	299	4	Standard
	Sb	123	0.009	ug/L	0.001	9	97	267	5	Standard
>	Tb	159		ug/L			3135538	3264339	0	Standard
	Pb	208	3.805	ug/L	0.012	0	325	535237	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0182-22
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:32:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	39346	0	Standard
	Cl	37		ug/L			7945752	8037554	0	Standard
>	Sc	45		ug/L			1771523	1832452	1	Standard
	Cr	52	5.869	ug/L	0.077	1	20753	215411	0	Standard
	Cr	53	6.093	ug/L	0.051	0	175	23263	0	Standard
	Mn	55	31.905	ug/L	0.477	1	907	1647068	1	Standard
>	Ge	72		ug/L			106438	116335	1	KED
	Ni	60	4.379	ug/L	0.055	1	32	8190	2	KED
	Ni	62	4.522	ug/L	0.254	5	8	1377	6	KED
	Cu	63	1.248	ug/L	0.048	3	102	6830	4	KED
	Cu	65	1.278	ug/L	0.017	1	38	3468	0	KED
	Zn	66	9.333	ug/L	0.143	1	75	7699	2	KED
	Zn	67	8.639	ug/L	0.601	6	13	1183	6	KED
	As	75	3.403	ug/L	0.061	1	2	1343	0	KED
	Se	78	0.285	ug/L	0.090	31	12	26	15	KED
	Y	89		ug/L			885368	977027	1	Standard
	Kr	83		ug/L			323	361	8	Standard
>	In-1	115		ug/L			32288	33340	0	KED
	Mo	98	0.056	ug/L	0.006	11	3	115	11	KED
	Cd	111	0.014	ug/L	0.003	21	4	10	13	KED
	Cd	114	0.016	ug/L	0.006	38	2	22	33	KED
>	In	115		ug/L			1802478	1779985	1	Standard
	Ag	107	0.015	ug/L	0.001	5	66	422	4	Standard
	Sb	121	0.004	ug/L	0.000	5	107	200	3	Standard
	Sb	123	0.004	ug/L	0.001	39	97	170	17	Standard
>	Tb	159		ug/L			3135538	3211436	0	Standard
	Pb	208	1.465	ug/L	0.021	1	325	202917	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-19
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:37:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	45954	1	Standard
	Cl	**37**		ug/L			7945752	8073329	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	2023376	3	Standard
⎢	**Cr**	**52**	**11.598**	ug/L	0.291	2	20753	446645	1	Standard
⎢	**Cr**	**53**	**12.036**	ug/L	0.512	4	175	50497	1	Standard
⎣	**Mn**	**55**	**341.796**	ug/L	10.866	3	907	19461722	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	113003	0	KED
⎢	**Ni**	**60**	**10.728**	ug/L	0.140	1	32	19443	1	KED
⎢	**Ni**	**62**	**10.860**	ug/L	0.279	2	8	3199	1	KED
⎢	**Cu**	**63**	**16.948**	ug/L	0.256	1	102	88686	1	KED
⎢	**Cu**	**65**	**17.067**	ug/L	0.224	1	38	44516	1	KED
⎢	**Zn**	**66**	**42.892**	ug/L	0.626	1	75	34077	1	KED
⎢	**Zn**	**67**	**43.905**	ug/L	0.511	1	13	5784	1	KED
⎢	**As**	**75**	**2.123**	ug/L	0.038	1	2	814	1	KED
⎣	**Se**	**78**	**0.622**	ug/L	0.060	9	12	41	6	KED
	Y	**89**		ug/L			885368	1256793	1	Standard
	Kr	**83**		ug/L			323	429	10	Standard
⎡>	**In-1**	**115**		ug/L			32288	32653	0	KED
⎢	**Mo**	**98**	**0.076**	ug/L	0.010	13	3	151	12	KED
⎢	**Cd**	**111**	**0.119**	ug/L	0.021	17	4	58	16	KED
⎣	**Cd**	**114**	**0.113**	ug/L	0.019	16	2	136	16	KED
⎡>	**In**	**115**		ug/L			1802478	1751136	0	Standard
⎢	**Ag**	**107**	**0.080**	ug/L	0.006	7	66	1897	7	Standard
⎢	**Sb**	**121**	**0.004**	ug/L	0.001	23	107	220	11	Standard
⎣	**Sb**	**123**	**0.005**	ug/L	0.001	17	97	187	9	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3287319	0	Standard
⎣	**Pb**	**208**	**4.368**	ug/L	0.028	0	325	618762	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-20
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:41:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	45949	1	Standard
	Cl	**37**		ug/L			7945752	8007214	1	Standard
⎡>	**Sc**	**45**		ug/L			1771523	2115751	1	Standard
⎢	**Cr**	**52**	**11.933**	ug/L	0.042	0	20753	480087	0	Standard
⎢	**Cr**	**53**	**12.405**	ug/L	0.246	1	175	54462	0	Standard
⎣	**Mn**	**55**	**363.936**	ug/L	3.221	0	907	21682734	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	115987	1	KED
⎢	**Ni**	**60**	**11.463**	ug/L	0.097	0	32	21320	1	KED
⎢	**Ni**	**62**	**11.513**	ug/L	0.269	2	8	3482	3	KED
⎢	**Cu**	**63**	**17.864**	ug/L	0.269	1	102	95929	1	KED
⎢	**Cu**	**65**	**17.941**	ug/L	0.162	0	38	48027	1	KED
⎢	**Zn**	**66**	**42.935**	ug/L	0.223	0	75	35014	1	KED
⎢	**Zn**	**67**	**44.265**	ug/L	0.695	1	13	5986	2	KED
⎢	**As**	**75**	**2.200**	ug/L	0.074	3	2	866	2	KED
⎣	**Se**	**78**	**0.698**	ug/L	0.057	8	12	45	7	KED
	Y	**89**		ug/L			885368	1274285	0	Standard
	Kr	**83**		ug/L			323	461	4	Standard
⎡>	**In-1**	**115**		ug/L			32288	32862	1	KED
⎢	**Mo**	**98**	**0.091**	ug/L	0.004	4	3	181	2	KED
⎢	**Cd**	**111**	**0.103**	ug/L	0.017	16	4	51	13	KED
⎣	**Cd**	**114**	**0.117**	ug/L	0.020	16	2	142	17	KED
⎡>	**In**	**115**		ug/L			1802478	1719497	0	Standard
⎢	**Ag**	**107**	**0.082**	ug/L	0.003	3	66	1898	3	Standard
⎢	**Sb**	**121**	**0.003**	ug/L	0.001	29	107	189	13	Standard
⎣	**Sb**	**123**	**0.003**	ug/L	0.000	9	97	145	4	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3294691	1	Standard
⎣	**Pb**	**208**	**4.539**	ug/L	0.083	1	325	644304	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-21
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:46:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	46709	0	Standard
	Cl	**37**		ug/L			7945752	8059849	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1982959	4	Standard
|	**Cr**	**52**	**10.861**	ug/L	0.514	4	20753	411076	0	Standard
|	**Cr**	**53**	**11.261**	ug/L	0.345	3	175	46318	1	Standard
⌊	**Mn**	**55**	**283.921**	ug/L	12.171	4	907	15833311	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	117752	2	KED
|	**Ni**	**60**	**9.675**	ug/L	0.153	1	32	18272	2	KED
|	**Ni**	**62**	**9.956**	ug/L	0.099	0	8	3057	2	KED
|	**Cu**	**63**	**15.393**	ug/L	0.200	1	102	83934	2	KED
|	**Cu**	**65**	**15.683**	ug/L	0.174	1	38	42634	3	KED
|	**Zn**	**66**	**38.424**	ug/L	0.458	1	75	31814	1	KED
|	**Zn**	**67**	**39.698**	ug/L	0.395	0	13	5452	3	KED
|	**As**	**75**	**1.955**	ug/L	0.038	1	2	782	4	KED
⌊	**Se**	**78**	**0.482**	ug/L	0.047	9	12	36	7	KED
	Y	**89**		ug/L			885368	1191416	2	Standard
	Kr	**83**		ug/L			323	441	9	Standard
⌈>	**In-1**	**115**		ug/L			32288	34033	0	KED
|	**Mo**	**98**	**0.062**	ug/L	0.014	22	3	129	21	KED
|	**Cd**	**111**	**0.086**	ug/L	0.018	21	4	45	18	KED
⌊	**Cd**	**114**	**0.111**	ug/L	0.013	12	2	138	11	KED
⌈>	**In**	**115**		ug/L			1802478	1717751	0	Standard
|	**Ag**	**107**	**0.068**	ug/L	0.000	0	66	1576	0	Standard
|	**Sb**	**121**	**0.002**	ug/L	0.001	52	107	165	19	Standard
⌊	**Sb**	**123**	**0.002**	ug/L	0.001	76	97	125	20	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3227605	2	Standard
⌊	**Pb**	**208**	**4.024**	ug/L	0.062	1	325	559463	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-22
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:50:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	48434	2	Standard
	Cl	**37**		ug/L			7945752	7946203	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	2113123	0	Standard
|	**Cr**	**52**	**14.165**	ug/L	0.188	1	20753	564544	1	Standard
|	**Cr**	**53**	**14.607**	ug/L	0.200	1	175	64024	1	Standard
⌊	**Mn**	**55**	**286.927**	ug/L	1.423	0	907	17073639	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	116787	0	KED
|	**Ni**	**60**	**13.720**	ug/L	0.042	0	32	25688	1	KED
|	**Ni**	**62**	**13.828**	ug/L	0.550	3	8	4207	3	KED
|	**Cu**	**63**	**19.872**	ug/L	0.215	1	102	107447	1	KED
|	**Cu**	**65**	**20.001**	ug/L	0.087	0	38	53904	0	KED
|	**Zn**	**66**	**51.689**	ug/L	0.116	0	75	42426	0	KED
|	**Zn**	**67**	**52.130**	ug/L	0.438	0	13	7095	1	KED
|	**As**	**75**	**2.490**	ug/L	0.041	1	2	987	1	KED
⌊	**Se**	**78**	**0.683**	ug/L	0.126	18	12	45	12	KED
	Y	**89**		ug/L			885368	1310460	0	Standard
	Kr	**83**		ug/L			323	468	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	33872	1	KED
|	**Mo**	**98**	**0.094**	ug/L	0.003	2	3	193	3	KED
|	**Cd**	**111**	**0.122**	ug/L	0.014	11	4	62	9	KED
⌊	**Cd**	**114**	**0.117**	ug/L	0.006	4	2	145	3	KED
⌈>	**In**	**115**		ug/L			1802478	1698550	3	Standard
|	**Ag**	**107**	**0.112**	ug/L	0.005	4	66	2535	8	Standard
|	**Sb**	**121**	**0.001**	ug/L	0.000	31	107	135	11	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.000	65	97	106	9	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3280989	1	Standard
⌊	**Pb**	**208**	**5.577**	ug/L	0.119	2	325	788303	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-23
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:54:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	49332	0	Standard
	Cl	**37**		ug/L			7945752	7993018	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	2135254	0	Standard
|	**Cr**	**52**	**14.142**	ug/L	0.213	1	20753	569571	1	Standard
|	**Cr**	**53**	**14.685**	ug/L	0.035	0	175	65038	0	Standard
⌊	**Mn**	**55**	**322.051**	ug/L	1.182	0	907	19363865	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	114168	1	KED
|	**Ni**	**60**	**14.036**	ug/L	0.080	0	32	25692	2	KED
|	**Ni**	**62**	**14.542**	ug/L	0.287	1	8	4325	0	KED
|	**Cu**	**63**	**19.384**	ug/L	0.169	0	102	102453	1	KED
|	**Cu**	**65**	**19.484**	ug/L	0.376	1	38	51324	0	KED
|	**Zn**	**66**	**47.207**	ug/L	0.980	2	75	37890	3	KED
|	**Zn**	**67**	**48.563**	ug/L	0.681	1	13	6461	0	KED
|	**As**	**75**	**2.125**	ug/L	0.060	2	2	824	4	KED
⌊	**Se**	**78**	**0.667**	ug/L	0.136	20	12	43	13	KED
	Y	**89**		ug/L			885368	1332915	0	Standard
	Kr	**83**		ug/L			323	464	4	Standard
⌈>	**In-1**	**115**		ug/L			32288	33372	2	KED
|	**Mo**	**98**	**0.076**	ug/L	0.009	12	3	153	12	KED
|	**Cd**	**111**	**0.077**	ug/L	0.011	14	4	40	10	KED
⌊	**Cd**	**114**	**0.085**	ug/L	0.006	7	2	104	5	KED
⌈>	**In**	**115**		ug/L			1802478	1694091	1	Standard
|	**Ag**	**107**	**0.116**	ug/L	0.005	4	66	2626	3	Standard
|	**Sb**	**121**	**0.001**	ug/L	0.001	39	107	136	10	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.001	180	97	104	22	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3319350	0	Standard
⌊	**Pb**	**208**	**5.649**	ug/L	0.080	1	325	807830	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:59:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	41410	3	Standard
Cl	37		ug/L			7945752	8391734	0	Standard
> Sc	45		ug/L			1771523	1858913	1	Standard
Cr	52	133.597	ug/L	1.786	1	20753	4500072	0	Standard
Cr	53	133.215	ug/L	0.956	0	175	512125	0	Standard
Mn	55	258.873	ug/L	1.760	0	907	13550409	0	Standard
> Ge	72		ug/L			106438	114798	1	KED
Ni	60	115.917	ug/L	1.143	0	32	213060	0	KED
Ni	62	116.782	ug/L	2.466	2	8	34858	1	KED
Cu	63	91.860	ug/L	1.660	1	102	487756	0	KED
Cu	65	93.056	ug/L	1.761	1	38	246353	1	KED
Zn	66	200.860	ug/L	2.728	1	75	161812	1	KED
Zn	67	202.149	ug/L	6.217	3	13	26995	1	KED
As	75	88.882	ug/L	1.299	1	2	34561	1	KED
Se	78	87.080	ug/L	0.330	0	12	4031	1	KED
Y	89		ug/L			885368	1254007	0	Standard
Kr	83		ug/L			323	427	10	Standard
> In-1	115		ug/L			32288	33564	0	KED
Mo	98	57.049	ug/L	0.980	1	3	113363	1	KED
Cd	111	111.351	ug/L	1.170	1	4	52610	0	KED
Cd	114	111.615	ug/L	1.956	1	2	135353	0	KED
> In	115		ug/L			1802478	1738328	0	Standard
Ag	107	28.632	ug/L	0.249	0	66	648099	1	Standard
Sb	121	2.638	ug/L	0.012	0	107	68144	0	Standard
Sb	123	2.732	ug/L	0.031	1	97	52812	0	Standard
> Tb	159		ug/L			3135538	3214773	2	Standard
Pb	208	102.560	ug/L	2.169	2	325	14195133	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 21:08:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29530	0	Standard
	Cl	**37**		ug/L			7945752	7885006	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1775995	1	Standard
|	**Cr**	**52**	**-0.057**	ug/L	0.004	7	20753	18987	1	Standard
|	**Cr**	**53**	**-0.002**	ug/L	0.002	107	175	169	4	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	92	907	960	3	Standard
⌈>	**Ge**	**72**		ug/L			106438	114225	3	KED
|	**Ni**	**60**	**0.002**	ug/L	0.006	303	32	38	25	KED
|	**Ni**	**62**	**-0.004**	ug/L	0.016	383	8	8	58	KED
|	**Cu**	**63**	**-0.005**	ug/L	0.002	43	102	84	14	KED
|	**Cu**	**65**	**0.003**	ug/L	0.003	78	38	49	11	KED
|	**Zn**	**66**	**0.018**	ug/L	0.005	28	75	95	2	KED
|	**Zn**	**67**	**0.006**	ug/L	0.020	305	13	15	18	KED
|	**As**	**75**	**0.009**	ug/L	0.000	4	2	5	4	KED
⌊	**Se**	**78**	**0.021**	ug/L	0.090	430	12	13	31	KED
	Y	**89**		ug/L			885368	866311	2	Standard
	Kr	**83**		ug/L			323	316	9	Standard
⌈>	**In-1**	**115**		ug/L			32288	33948	2	KED
|	**Mo**	**98**	**0.007**	ug/L	0.006	77	3	18	61	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.002	68	4	2	33	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	92	2	4	45	KED
⌈>	**In**	**115**		ug/L			1802478	1719024	2	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	36	66	49	7	Standard
|	**Sb**	**121**	**0.000**	ug/L	0.000	272	107	105	5	Standard
⌊	**Sb**	**123**	**-0.001**	ug/L	0.001	202	97	81	26	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3077414	1	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	9	325	523	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 21:12:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	30523	2	Standard
	Cl	**37**		ug/L			7945752	8577220	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1745688	1	Standard
|	**Cr**	**52**	**49.973**	ug/L	0.664	1	20753	1593449	0	Standard
|	**Cr**	**53**	**50.896**	ug/L	1.060	2	175	183814	0	Standard
⌊	**Mn**	**55**	**51.600**	ug/L	0.372	0	907	2537104	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	115034	0	KED
|	**Ni**	**60**	**49.837**	ug/L	0.538	1	32	91813	0	KED
|	**Ni**	**62**	**50.076**	ug/L	0.924	1	8	14984	1	KED
|	**Cu**	**63**	**49.795**	ug/L	0.592	1	102	265013	0	KED
|	**Cu**	**65**	**50.068**	ug/L	0.527	1	38	132847	0	KED
|	**Zn**	**66**	**49.995**	ug/L	0.633	1	75	40420	0	KED
|	**Zn**	**67**	**50.508**	ug/L	0.336	0	13	6771	0	KED
|	**As**	**75**	**49.514**	ug/L	0.452	0	2	19294	0	KED
⌊	**Se**	**78**	**49.936**	ug/L	1.437	2	12	2322	2	KED
	Y	**89**		ug/L			885368	857430	0	Standard
	Kr	**83**		ug/L			323	339	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	32826	0	KED
|	**Mo**	**98**	**49.329**	ug/L	1.043	2	3	95867	1	KED
|	**Cd**	**111**	**50.529**	ug/L	0.760	1	4	23350	0	KED
⌊	**Cd**	**114**	**50.670**	ug/L	0.357	0	2	60101	0	KED
⌈>	**In**	**115**		ug/L			1802478	1700613	0	Standard
|	**Ag**	**107**	**49.785**	ug/L	1.286	2	66	1102291	2	Standard
|	**Sb**	**121**	**48.829**	ug/L	0.257	0	107	1232207	0	Standard
⌊	**Sb**	**123**	**50.349**	ug/L	0.075	0	97	950729	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3142063	0	Standard
⌊	**Pb**	**208**	**50.108**	ug/L	0.247	0	325	6780743	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 21:21:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	28666	0	Standard
	Cl	**37**		ug/L			7945752	8034082	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1717877	1	Standard
|	**Cr**	**52**	**-0.008**	ug/L	0.014	174	20753	19876	1	Standard
|	**Cr**	**53**	**-0.003**	ug/L	0.001	34	175	159	3	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	46	907	945	3	Standard
⌈>	**Ge**	**72**		ug/L			106438	112003	2	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.005	216	32	29	32	KED
|	**Ni**	**62**	**-0.015**	ug/L	0.003	23	8	5	21	KED
|	**Cu**	**63**	**0.002**	ug/L	0.003	168	102	118	14	KED
|	**Cu**	**65**	**0.005**	ug/L	0.004	82	38	52	21	KED
|	**Zn**	**66**	**0.018**	ug/L	0.030	164	75	93	22	KED
|	**Zn**	**67**	**0.033**	ug/L	0.022	66	13	19	17	KED
|	**As**	**75**	**0.006**	ug/L	0.004	66	2	4	30	KED
⌊	**Se**	**78**	**0.062**	ug/L	0.012	19	12	15	1	KED
	Y	**89**		ug/L			885368	847226	2	Standard
	Kr	**83**		ug/L			323	351	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	34058	2	KED
|	**Mo**	**98**	**0.006**	ug/L	0.001	16	3	15	14	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.002	128	4	3	31	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	335	2	3	103	KED
⌈>	**In**	**115**		ug/L			1802478	1654626	4	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	312	66	66	28	Standard
|	**Sb**	**121**	**0.050**	ug/L	0.002	4	107	1331	6	Standard
⌊	**Sb**	**123**	**0.049**	ug/L	0.001	1	97	995	3	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3005416	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	22	325	523	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-27
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:27:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	45797	0	Standard
	Cl	**37**		ug/L			7945752	7993535	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	2075240	4	Standard
|	**Cr**	**52**	**15.732**	ug/L	0.422	2	20753	612661	1	Standard
|	**Cr**	**53**	**16.490**	ug/L	0.593	3	175	70882	1	Standard
⌊	**Mn**	**55**	**301.362**	ug/L	8.061	2	907	17597787	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	114874	2	KED
|	**Ni**	**60**	**15.668**	ug/L	0.164	1	32	28850	2	KED
|	**Ni**	**62**	**15.825**	ug/L	0.420	2	8	4737	5	KED
|	**Cu**	**63**	**23.599**	ug/L	0.215	0	102	125473	1	KED
|	**Cu**	**65**	**23.620**	ug/L	0.125	0	38	62604	1	KED
|	**Zn**	**66**	**87.006**	ug/L	0.184	0	75	70191	2	KED
|	**Zn**	**67**	**86.634**	ug/L	1.835	2	13	11589	3	KED
|	**As**	**75**	**2.405**	ug/L	0.026	1	2	938	1	KED
⌊	**Se**	**78**	**0.738**	ug/L	0.114	15	12	47	12	KED
	Y	**89**		ug/L			885368	1344393	1	Standard
	Kr	**83**		ug/L			323	482	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	33521	1	KED
|	**Mo**	**98**	**0.114**	ug/L	0.005	4	3	229	3	KED
|	**Cd**	**111**	**0.211**	ug/L	0.018	8	4	103	8	KED
⌊	**Cd**	**114**	**0.220**	ug/L	0.023	10	2	269	9	KED
⌈>	**In**	**115**		ug/L			1802478	1728297	1	Standard
|	**Ag**	**107**	**0.198**	ug/L	0.005	2	66	4513	2	Standard
|	**Sb**	**121**	**0.016**	ug/L	0.001	6	107	515	6	Standard
⌊	**Sb**	**123**	**0.016**	ug/L	0.002	10	97	394	6	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3324383	1	Standard
⌊	**Pb**	**208**	**20.977**	ug/L	0.415	1	325	3002795	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-28
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:32:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	45822	1	Standard
	Cl	37		ug/L			7945752	7982335	0	Standard
>	Sc	45		ug/L			1771523	1963712	1	Standard
	Cr	52	13.781	ug/L	0.237	1	20753	510953	0	Standard
	Cr	53	14.146	ug/L	0.049	0	175	57623	1	Standard
	Mn	55	249.549	ug/L	1.013	0	907	13798917	1	Standard
>	Ge	72		ug/L			106438	117628	0	KED
	Ni	60	12.988	ug/L	0.120	0	32	24493	0	KED
	Ni	62	13.190	ug/L	0.385	2	8	4043	2	KED
	Cu	63	15.516	ug/L	0.241	1	102	84521	1	KED
	Cu	65	15.392	ug/L	0.342	2	38	41789	1	KED
	Zn	66	41.387	ug/L	0.458	1	75	34232	1	KED
	Zn	67	41.830	ug/L	0.903	2	13	5737	1	KED
	As	75	1.844	ug/L	0.039	2	2	737	1	KED
	Se	78	0.564	ug/L	0.081	14	12	39	9	KED
	Y	89		ug/L			885368	1234753	1	Standard
	Kr	83		ug/L			323	446	6	Standard
>	In-1	115		ug/L			32288	34117	1	KED
	Mo	98	0.058	ug/L	0.006	10	3	120	10	KED
	Cd	111	0.057	ug/L	0.006	9	4	31	7	KED
	Cd	114	0.055	ug/L	0.012	22	2	69	22	KED
>	In	115		ug/L			1802478	1709926	0	Standard
	Ag	107	0.071	ug/L	0.002	2	66	1653	1	Standard
	Sb	121	0.006	ug/L	0.001	15	107	262	10	Standard
	Sb	123	0.007	ug/L	0.002	24	97	226	13	Standard
>	Tb	159		ug/L			3135538	3269492	1	Standard
	Pb	208	4.469	ug/L	0.063	1	325	629527	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:37:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	43879	1	Standard
	Cl	37		ug/L			7945752	7941975	1	Standard
>	Sc	45		ug/L			1771523	1915412	0	Standard
	Cr	52	16.871	ug/L	0.368	2	20753	605139	1	Standard
	Cr	53	17.432	ug/L	0.251	1	175	69213	0	Standard
	Mn	55	235.628	ug/L	4.727	2	907	12707795	1	Standard
>	Ge	72		ug/L			106438	114828	1	KED
	Ni	60	17.817	ug/L	0.073	0	32	32788	1	KED
	Ni	62	18.043	ug/L	0.747	4	8	5394	3	KED
	Cu	63	15.022	ug/L	0.176	1	102	79878	1	KED
	Cu	65	14.968	ug/L	0.122	0	38	39677	2	KED
	Zn	66	31.262	ug/L	0.209	0	75	25261	1	KED
	Zn	67	32.094	ug/L	0.397	1	13	4300	2	KED
	As	75	3.236	ug/L	0.101	3	2	1261	4	KED
	Se	78	0.385	ug/L	0.150	38	12	30	21	KED
	Y	89		ug/L			885368	1166337	1	Standard
	Kr	83		ug/L			323	406	5	Standard
>	In-1	115		ug/L			32288	33596	2	KED
	Mo	98	0.134	ug/L	0.005	3	3	269	4	KED
	Cd	111	0.077	ug/L	0.015	19	4	40	17	KED
	Cd	114	0.076	ug/L	0.005	6	2	94	4	KED
>	In	115		ug/L			1802478	1686311	1	Standard
	Ag	107	0.039	ug/L	0.003	8	66	921	7	Standard
	Sb	121	0.012	ug/L	0.001	6	107	396	3	Standard
	Sb	123	0.011	ug/L	0.003	31	97	298	20	Standard
>	Tb	159		ug/L			3135538	3238773	1	Standard
	Pb	208	8.332	ug/L	0.155	1	325	1162154	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:42:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	43103	0	Standard
	Cl	37		ug/L			7945752	7903602	1	Standard
>	Sc	45		ug/L			1771523	1910244	0	Standard
	Cr	52	13.634	ug/L	0.096	0	20753	492054	0	Standard
	Cr	53	14.070	ug/L	0.140	0	175	55753	0	Standard
	Mn	55	251.802	ug/L	3.431	1	907	13544981	1	Standard
>	Ge	72		ug/L			106438	115582	0	KED
	Ni	60	23.854	ug/L	0.131	0	32	44175	0	KED
	Ni	62	23.634	ug/L	0.675	2	8	7110	1	KED
	Cu	63	21.698	ug/L	0.199	0	102	116094	0	KED
	Cu	65	21.730	ug/L	0.127	0	38	57959	1	KED
	Zn	66	36.607	ug/L	0.555	1	75	29758	0	KED
	Zn	67	37.768	ug/L	0.710	1	13	5092	2	KED
	As	75	4.230	ug/L	0.081	1	2	1658	1	KED
	Se	78	0.549	ug/L	0.013	2	12	38	1	KED
	Y	89		ug/L			885368	1178493	0	Standard
	Kr	83		ug/L			323	450	6	Standard
>	In-1	115		ug/L			32288	33059	1	KED
	Mo	98	0.153	ug/L	0.015	9	3	303	10	KED
	Cd	111	0.114	ug/L	0.009	8	4	57	7	KED
	Cd	114	0.117	ug/L	0.006	5	2	142	6	KED
>	In	115		ug/L			1802478	1652593	0	Standard
	Ag	107	0.047	ug/L	0.004	7	66	1075	7	Standard
	Sb	121	0.012	ug/L	0.002	12	107	394	9	Standard
	Sb	123	0.011	ug/L	0.001	6	97	295	5	Standard
>	Tb	159		ug/L			3135538	3163670	1	Standard
	Pb	208	8.319	ug/L	0.075	0	325	1133624	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:46:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	46080	0	Standard
	Cl	37		ug/L			7945752	7826248	0	Standard
>	Sc	45		ug/L			1771523	1931861	1	Standard
	Cr	52	15.571	ug/L	0.384	2	20753	564997	1	Standard
	Cr	53	15.916	ug/L	0.360	2	175	63744	1	Standard
	Mn	55	276.091	ug/L	9.420	3	907	15014000	1	Standard
>	Ge	72		ug/L			106438	115994	0	KED
	Ni	60	22.860	ug/L	0.592	2	32	42482	1	KED
	Ni	62	22.934	ug/L	0.855	3	8	6924	3	KED
	Cu	63	24.720	ug/L	0.267	1	102	132720	0	KED
	Cu	65	24.689	ug/L	0.363	1	38	66074	1	KED
	Zn	66	40.800	ug/L	0.311	0	75	33277	0	KED
	Zn	67	40.658	ug/L	0.510	1	13	5499	0	KED
	As	75	4.216	ug/L	0.052	1	2	1658	0	KED
	Se	78	0.558	ug/L	0.038	6	12	39	5	KED
	Y	89		ug/L			885368	1269744	2	Standard
	Kr	83		ug/L			323	486	4	Standard
>	In-1	115		ug/L			32288	33471	0	KED
	Mo	98	0.148	ug/L	0.020	13	3	297	12	KED
	Cd	111	0.091	ug/L	0.010	11	4	46	10	KED
	Cd	114	0.093	ug/L	0.004	4	2	115	3	KED
>	In	115		ug/L			1802478	1673408	1	Standard
	Ag	107	0.055	ug/L	0.001	1	66	1253	2	Standard
	Sb	121	0.009	ug/L	0.002	19	107	317	13	Standard
	Sb	123	0.011	ug/L	0.001	6	97	286	4	Standard
>	Tb	159		ug/L			3135538	3268704	0	Standard
	Pb	208	8.119	ug/L	0.094	1	325	1143195	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-SRL1
Sample Dil Factor: 100
Comments:
Sample Date/Time: Friday, June 25, 2021 21:51:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	34481	0	Standard
	Cl	37		ug/L			7945752	7663254	0	Standard
>	Sc	45		ug/L			1771523	1798455	1	Standard
	Cr	52	3.404	ug/L	0.027	0	20753	131480	1	Standard
	Cr	53	3.613	ug/L	0.051	1	175	13611	1	Standard
	Mn	55	62.097	ug/L	0.235	0	907	3145458	1	Standard
>	Ge	72		ug/L			106438	115314	2	KED
	Ni	60	4.744	ug/L	0.102	2	32	8791	2	KED
	Ni	62	4.861	ug/L	0.140	2	8	1467	5	KED
	Cu	63	5.200	ug/L	0.025	0	102	27840	2	KED
	Cu	65	5.176	ug/L	0.065	1	38	13804	2	KED
	Zn	66	8.635	ug/L	0.052	0	75	7065	2	KED
	Zn	67	9.072	ug/L	0.199	2	13	1231	3	KED
	As	75	0.855	ug/L	0.013	1	2	336	3	KED
	Se	78	0.129	ug/L	0.010	8	12	19	3	KED
	Y	89		ug/L			885368	960404	1	Standard
	Kr	83		ug/L			323	328	12	Standard
>	In-1	115		ug/L			32288	33579	1	KED
	Mo	98	0.031	ug/L	0.004	12	3	66	12	KED
	Cd	111	0.016	ug/L	0.010	66	4	11	41	KED
	Cd	114	0.018	ug/L	0.004	23	2	24	20	KED
>	In	115		ug/L			1802478	1698837	2	Standard
	Ag	107	0.010	ug/L	0.000	3	66	274	2	Standard
	Sb	121	0.002	ug/L	0.000	21	107	156	9	Standard
	Sb	123	0.002	ug/L	0.001	45	97	132	13	Standard
>	Tb	159		ug/L			3135538	3132793	0	Standard
	Pb	208	1.737	ug/L	0.027	1	325	234694	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:56:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	57244	1	Standard
	Cl	37		ug/L			7945752	7772672	0	Standard
>	Sc	45		ug/L			1771523	1923789	1	Standard
	Cr	52	18.798	ug/L	0.341	1	20753	674596	1	Standard
	Cr	53	19.310	ug/L	0.152	0	175	76985	0	Standard
	Mn	55	284.199	ug/L	4.385	1	907	15393891	1	Standard
>	Ge	72		ug/L			106438	116728	0	KED
	Ni	60	22.340	ug/L	0.186	0	32	41784	0	KED
	Ni	62	22.648	ug/L	0.010	0	8	6882	0	KED
	Cu	63	16.143	ug/L	0.127	0	102	87259	0	KED
	Cu	65	16.101	ug/L	0.405	2	38	43380	2	KED
	Zn	66	30.006	ug/L	0.252	0	75	24651	0	KED
	Zn	67	31.187	ug/L	0.371	1	13	4248	1	KED
	As	75	4.225	ug/L	0.015	0	2	1672	0	KED
	Se	78	0.693	ug/L	0.066	9	12	45	6	KED
	Y	89		ug/L			885368	1147183	0	Standard
	Kr	83		ug/L			323	460	5	Standard
>	In-1	115		ug/L			32288	33302	0	KED
	Mo	98	0.176	ug/L	0.016	9	3	350	9	KED
	Cd	111	0.067	ug/L	0.006	8	4	35	8	KED
	Cd	114	0.085	ug/L	0.003	3	2	105	2	KED
>	In	115		ug/L			1802478	1678699	2	Standard
	Ag	107	0.049	ug/L	0.003	6	66	1132	4	Standard
	Sb	121	0.008	ug/L	0.001	18	107	290	14	Standard
	Sb	123	0.009	ug/L	0.001	5	97	261	6	Standard
>	Tb	159		ug/L			3135538	3197141	2	Standard
	Pb	208	5.800	ug/L	0.039	0	325	798881	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 22:01:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	59096	0	Standard
	Cl	37		ug/L			7945752	7933531	0	Standard
>	Sc	45		ug/L			1771523	1931106	2	Standard
	Cr	52	37.215	ug/L	0.596	1	20753	1318276	1	Standard
	Cr	53	38.284	ug/L	0.672	1	175	152999	1	Standard
	Mn	55	348.773	ug/L	9.297	2	907	18956304	0	Standard
>	Ge	72		ug/L			106438	116663	2	KED
	Ni	60	43.703	ug/L	0.261	0	32	81669	2	KED
	Ni	62	43.715	ug/L	1.785	4	8	13260	1	KED
	Cu	63	41.327	ug/L	0.779	1	102	223032	0	KED
	Cu	65	41.296	ug/L	0.681	1	38	111121	1	KED
	Zn	66	106.673	ug/L	2.126	1	75	87360	1	KED
	Zn	67	105.679	ug/L	0.918	0	13	14351	1	KED
	As	75	25.691	ug/L	0.554	2	2	10152	1	KED
	Se	78	69.808	ug/L	1.365	1	12	3286	1	KED
	Y	89		ug/L			885368	1214296	2	Standard
	Kr	83		ug/L			323	509	4	Standard
>	In-1	115		ug/L			32288	33627	1	KED
	Mo	98	0.243	ug/L	0.015	6	3	488	8	KED
	Cd	111	23.338	ug/L	0.653	2	4	11047	1	KED
	Cd	114	23.258	ug/L	0.406	1	2	28256	0	KED
>	In	115		ug/L			1802478	1728609	2	Standard
	Ag	107	20.603	ug/L	0.739	3	66	463660	3	Standard
	Sb	121	0.011	ug/L	0.001	6	107	391	2	Standard
	Sb	123	0.012	ug/L	0.001	4	97	318	4	Standard
>	Tb	159		ug/L			3135538	3224140	1	Standard
	Pb	208	28.773	ug/L	0.103	0	325	3995329	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 22:06:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	49294	1	Standard
Cl	37		ug/L			7945752	7953612	0	Standard
> Sc	45		ug/L			1771523	1950676	1	Standard
Cr	52	36.153	ug/L	0.170	0	20753	1294718	1	Standard
Cr	53	36.911	ug/L	0.331	0	175	149047	1	Standard
Mn	55	296.683	ug/L	1.109	0	907	16297080	1	Standard
> Ge	72		ug/L			106438	116389	0	KED
Ni	60	46.688	ug/L	0.453	0	32	87031	0	KED
Ni	62	46.735	ug/L	0.632	1	8	14151	0	KED
Cu	63	48.374	ug/L	0.384	0	102	260500	0	KED
Cu	65	48.588	ug/L	0.401	0	38	130442	0	KED
Zn	66	113.827	ug/L	1.664	1	75	93012	1	KED
Zn	67	110.479	ug/L	1.070	0	13	14969	1	KED
As	75	27.099	ug/L	0.366	1	2	10685	1	KED
Se	78	74.789	ug/L	0.989	1	12	3512	0	KED
Y	89		ug/L			885368	1254023	0	Standard
Kr	83		ug/L			323	486	4	Standard
> In-1	115		ug/L			32288	33814	0	KED
Mo	98	0.143	ug/L	0.013	8	3	290	9	KED
Cd	111	23.053	ug/L	0.406	1	4	10976	1	KED
Cd	114	23.264	ug/L	0.450	1	2	28424	1	KED
> In	115		ug/L			1802478	1696183	1	Standard
Ag	107	22.170	ug/L	0.206	0	66	489621	0	Standard
Sb	121	0.018	ug/L	0.001	4	107	552	2	Standard
Sb	123	0.019	ug/L	0.002	8	97	452	5	Standard
> Tb	159		ug/L			3135538	3280434	0	Standard
Pb	208	29.852	ug/L	0.291	0	325	4217743	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:10:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	30095	0	Standard
	Cl	**37**		ug/L			7945752	7549290	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1732216	1	Standard
|	**Cr**	**52**	**-0.037**	ug/L	0.006	17	20753	19122	1	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.003	62	175	187	6	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	13	907	1127	3	Standard
⌈>	**Ge**	**72**		ug/L			106438	112252	1	KED
|	**Ni**	**60**	**-0.004**	ug/L	0.005	133	32	27	32	KED
|	**Ni**	**62**	**-0.015**	ug/L	0.007	49	8	5	43	KED
|	**Cu**	**63**	**0.001**	ug/L	0.003	397	102	112	14	KED
|	**Cu**	**65**	**0.010**	ug/L	0.005	45	38	66	16	KED
|	**Zn**	**66**	**0.050**	ug/L	0.031	63	75	118	21	KED
|	**Zn**	**67**	**0.037**	ug/L	0.096	255	13	19	64	KED
|	**As**	**75**	**0.005**	ug/L	0.004	74	2	4	33	KED
⌊	**Se**	**78**	**-0.009**	ug/L	0.049	553	12	12	17	KED
	Y	**89**		ug/L			885368	853264	2	Standard
	Kr	**83**		ug/L			323	337	3	Standard
⌈>	**In-1**	**115**		ug/L			32288	33116	2	KED
|	**Mo**	**98**	**0.000**	ug/L	0.001	488	3	4	68	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	148	4	3	45	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.005	131	2	7	88	KED
⌈>	**In**	**115**		ug/L			1802478	1627009	2	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	284	66	64	21	Standard
|	**Sb**	**121**	**-0.001**	ug/L	0.000	15	107	62	6	Standard
⌊	**Sb**	**123**	**-0.002**	ug/L	0.001	28	97	47	22	Standard
⌈>	**Tb**	**159**		ug/L			3135538	2955205	1	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	10	325	522	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:14:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29877	2	Standard
	Cl	**37**		ug/L			7945752	8403119	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1699392	0	Standard
⎢	**Cr**	**52**	**50.793**	ug/L	0.536	1	20753	1576533	0	Standard
⎢	**Cr**	**53**	**51.670**	ug/L	0.984	1	175	181695	1	Standard
⎣	**Mn**	**55**	**52.005**	ug/L	0.366	0	907	2489330	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	114788	1	KED
⎢	**Ni**	**60**	**49.259**	ug/L	0.869	1	32	90548	1	KED
⎢	**Ni**	**62**	**49.515**	ug/L	1.353	2	8	14782	1	KED
⎢	**Cu**	**63**	**49.123**	ug/L	0.808	1	102	260844	0	KED
⎢	**Cu**	**65**	**49.005**	ug/L	0.564	1	38	129745	1	KED
⎢	**Zn**	**66**	**50.042**	ug/L	0.252	0	75	40373	1	KED
⎢	**Zn**	**67**	**49.928**	ug/L	1.379	2	13	6677	0	KED
⎢	**As**	**75**	**49.666**	ug/L	0.506	1	2	19311	1	KED
⎣	**Se**	**78**	**49.211**	ug/L	0.958	1	12	2284	3	KED
	Y	**89**		ug/L			885368	833810	0	Standard
	Kr	**83**		ug/L			323	304	7	Standard
⎡>	**In-1**	**115**		ug/L			32288	32993	2	KED
⎢	**Mo**	**98**	**48.781**	ug/L	0.887	1	3	95269	0	KED
⎢	**Cd**	**111**	**50.399**	ug/L	1.201	2	4	23403	0	KED
⎣	**Cd**	**114**	**50.144**	ug/L	1.429	2	2	59764	2	KED
⎡>	**In**	**115**		ug/L			1802478	1644330	0	Standard
⎢	**Ag**	**107**	**48.742**	ug/L	0.525	1	66	1043531	1	Standard
⎢	**Sb**	**121**	**48.607**	ug/L	0.958	1	107	1185914	1	Standard
⎣	**Sb**	**123**	**50.272**	ug/L	1.492	2	97	917729	2	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3051038	1	Standard
⎣	**Pb**	**208**	**50.258**	ug/L	0.419	0	325	6603522	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:21:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	27943	0	Standard
	Cl	**37**		ug/L			7945752	7868795	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1757171	0	Standard
⎢	**Cr**	**52**	**-0.001**	ug/L	0.006	629	20753	20556	1	Standard
⎢	**Cr**	**53**	**-0.002**	ug/L	0.006	273	175	166	13	Standard
⎣	**Mn**	**55**	**0.000**	ug/L	0.000	87	907	921	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	112587	3	KED
⎢	**Ni**	**60**	**0.001**	ug/L	0.002	169	32	36	13	KED
⎢	**Ni**	**62**	**-0.004**	ug/L	0.010	256	8	8	35	KED
⎢	**Cu**	**63**	**0.000**	ug/L	0.002	1113	102	109	11	KED
⎢	**Cu**	**65**	**0.008**	ug/L	0.002	20	38	62	4	KED
⎢	**Zn**	**66**	**0.040**	ug/L	0.011	26	75	111	4	KED
⎢	**Zn**	**67**	**0.033**	ug/L	0.031	92	13	19	17	KED
⎢	**As**	**75**	**0.002**	ug/L	0.004	174	2	3	45	KED
⎣	**Se**	**78**	**-0.016**	ug/L	0.029	184	12	12	11	KED
	Y	**89**		ug/L			885368	858310	0	Standard
	Kr	**83**		ug/L			323	304	2	Standard
⎡>	**In-1**	**115**		ug/L			32288	33904	1	KED
⎢	**Mo**	**98**	**0.006**	ug/L	0.004	61	3	16	48	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.002	63	4	2	33	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.001	167	2	3	50	KED
⎡>	**In**	**115**		ug/L			1802478	1653388	1	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	82	66	74	16	Standard
⎢	**Sb**	**121**	**0.048**	ug/L	0.002	4	107	1275	2	Standard
⎣	**Sb**	**123**	**0.048**	ug/L	0.003	5	97	973	6	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3033503	1	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	7	325	493	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:26:08

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				28448	0	Standard
	Cl	**37**		ug/L				7747992	0	Standard
>	**Sc**	**45**		ug/L				1714902	1	Standard
	Cr	**52**		ug/L				20470	1	Standard
	Cr	**53**		ug/L				171	3	Standard
	Mn	**55**		ug/L				899	3	Standard
>	**Ge**	**72**		ug/L				112412	1	KED
	Ni	**60**		ug/L				25	22	KED
	Ni	**62**		ug/L				5	33	KED
	Cu	**63**		ug/L				107	20	KED
	Cu	**65**		ug/L				48	47	KED
	Zn	**66**		ug/L				92	25	KED
	Zn	**67**		ug/L				10	53	KED
	As	**75**		ug/L				3	17	KED
	Se	**78**		ug/L				11	29	KED
	Y	**89**		ug/L				836014	0	Standard
	Kr	**83**		ug/L				316	3	Standard
>	**In-1**	**115**		ug/L				33237	2	KED
	Mo	**98**		ug/L				8	35	KED
	Cd	**111**		ug/L				3	45	KED
	Cd	**114**		ug/L				3	95	KED
>	**In**	**115**		ug/L				1657839	0	Standard
	Ag	**107**		ug/L				47	13	Standard
	Sb	**121**		ug/L				406	8	Standard
	Sb	**123**		ug/L				347	13	Standard
>	**Tb**	**159**		ug/L				2980787	2	Standard
	Pb	**208**		ug/L				489	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:30:29

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	30136	1	Standard
	Cl	**37**		ug/L			7747992	8545144	1	Standard
>	**Sc**	**45**		ug/L			1714902	1745573	1	Standard
	Cr	**52**	**49.284**	ug/L	0.736	1	20470	1572221	2	Standard
	Cr	**53**	**50.537**	ug/L	0.219	0	171	182550	1	Standard
	Mn	**55**	**51.240**	ug/L	0.513	1	899	2519153	1	Standard
>	**Ge**	**72**		ug/L			112412	116146	0	KED
	Ni	**60**	**49.249**	ug/L	0.417	0	25	91600	0	KED
	Ni	**62**	**50.015**	ug/L	0.693	1	5	15108	1	KED
	Cu	**63**	**49.908**	ug/L	0.359	0	107	268190	0	KED
	Cu	**65**	**49.593**	ug/L	0.398	0	48	132870	0	KED
	Zn	**66**	**50.089**	ug/L	0.446	0	92	40901	0	KED
	Zn	**67**	**50.194**	ug/L	0.864	1	10	6791	2	KED
	As	**75**	**49.637**	ug/L	0.371	0	3	19530	0	KED
	Se	**78**	**50.343**	ug/L	1.150	2	11	2362	1	KED
	Y	**89**		ug/L			836014	852470	1	Standard
	Kr	**83**		ug/L			316	347	6	Standard
>	**In-1**	**115**		ug/L			33237	34132	4	KED
	Mo	**98**	**45.593**	ug/L	3.895	8	8	91952	5	KED
	Cd	**111**	**46.808**	ug/L	4.260	9	3	22443	5	KED
	Cd	**114**	**47.151**	ug/L	4.905	10	3	58001	7	KED
>	**In**	**115**		ug/L			1657839	1687146	2	Standard
	Ag	**107**	**48.226**	ug/L	0.976	2	47	1059235	2	Standard
	Sb	**121**	**48.367**	ug/L	0.301	0	406	1211290	2	Standard
	Sb	**123**	**49.863**	ug/L	0.670	1	347	934336	2	Standard
>	**Tb**	**159**		ug/L			2980787	3103281	0	Standard
	Pb	**208**	**50.130**	ug/L	0.404	0	489	6700206	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:38:04

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	27774	1	Standard
	Cl	**37**		ug/L			7747992	7916075	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1673125	1	Standard
|	**Cr**	**52**	**0.009**	ug/L	0.012	137	20470	20224	0	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.001	23	171	154	2	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	99	899	905	2	Standard
⌈>	**Ge**	**72**		ug/L			112412	109574	6	KED
|	**Ni**	**60**	**0.007**	ug/L	0.006	90	25	36	22	KED
|	**Ni**	**62**	**0.005**	ug/L	0.009	193	5	6	41	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.002	6745	107	104	1	KED
|	**Cu**	**65**	**0.001**	ug/L	0.004	277	48	50	24	KED
|	**Zn**	**66**	**-0.000**	ug/L	0.019	6917	92	90	17	KED
|	**Zn**	**67**	**0.037**	ug/L	0.037	102	10	15	33	KED
|	**As**	**75**	**0.006**	ug/L	0.006	99	3	5	36	KED
⌊	**Se**	**78**	**0.004**	ug/L	0.056	1484	11	11	24	KED
	Y	**89**		ug/L			836014	830559	0	Standard
	Kr	**83**		ug/L			316	333	8	Standard
⌈>	**In-1**	**115**		ug/L			33237	33896	1	KED
|	**Mo**	**98**	**0.009**	ug/L	0.002	25	8	27	17	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	145	3	2	65	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	54	3	1	103	KED
⌈>	**In**	**115**		ug/L			1657839	1655471	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	24	47	85	11	Standard
|	**Sb**	**121**	**0.052**	ug/L	0.004	7	406	1690	5	Standard
⌊	**Sb**	**123**	**0.052**	ug/L	0.002	3	347	1299	1	Standard
⌈>	**Tb**	**159**		ug/L			2980787	2940978	2	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	54	489	558	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 22:42:25

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	47263	1	Standard
	Cl	**37**		ug/L			7747992	7846421	2	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1895145	5	Standard
|	**Cr**	**52**	**16.890**	ug/L	0.256	1	20470	599670	4	Standard
|	**Cr**	**53**	**17.491**	ug/L	0.238	1	171	68728	6	Standard
⌊	**Mn**	**55**	**404.476**	ug/L	3.934	0	899	21579412	5	Standard
⌈>	**Ge**	**72**		ug/L			112412	114420	1	KED
|	**Ni**	**60**	**20.475**	ug/L	0.079	0	25	37535	2	KED
|	**Ni**	**62**	**20.705**	ug/L	0.468	2	5	6166	3	KED
|	**Cu**	**63**	**18.218**	ug/L	0.121	0	107	96519	2	KED
|	**Cu**	**65**	**18.203**	ug/L	0.296	1	48	48082	3	KED
|	**Zn**	**66**	**52.737**	ug/L	0.543	1	92	42415	0	KED
|	**Zn**	**67**	**52.544**	ug/L	0.168	0	10	7002	2	KED
|	**As**	**75**	**4.259**	ug/L	0.078	1	3	1653	0	KED
⌊	**Se**	**78**	**0.617**	ug/L	0.059	9	11	40	8	KED
	Y	**89**		ug/L			836014	1192144	4	Standard
	Kr	**83**		ug/L			316	434	9	Standard
⌈>	**In-1**	**115**		ug/L			33237	33792	2	KED
|	**Mo**	**98**	**0.185**	ug/L	0.004	1	8	378	0	KED
|	**Cd**	**111**	**0.089**	ug/L	0.005	5	3	45	4	KED
⌊	**Cd**	**114**	**0.092**	ug/L	0.014	15	3	116	17	KED
⌈>	**In**	**115**		ug/L			1657839	1634661	5	Standard
|	**Ag**	**107**	**0.051**	ug/L	0.002	4	47	1130	5	Standard
|	**Sb**	**121**	**0.022**	ug/L	0.001	2	406	923	6	Standard
⌊	**Sb**	**123**	**0.021**	ug/L	0.001	5	347	723	4	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3146982	5	Standard
⌊	**Pb**	**208**	**10.818**	ug/L	0.108	0	489	1466093	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 22:46:45

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	47351	1	Standard
	Cl	**37**		ug/L			7747992	7857052	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1938451	1	Standard
|	**Cr**	**52**	**13.165**	ug/L	0.264	2	20470	483311	1	Standard
|	**Cr**	**53**	**13.701**	ug/L	0.215	1	171	55093	0	Standard
⌊	**Mn**	**55**	**256.806**	ug/L	2.361	0	899	14017270	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	119394	1	KED
|	**Ni**	**60**	**20.756**	ug/L	0.418	2	25	39698	1	KED
|	**Ni**	**62**	**20.717**	ug/L	0.093	0	5	6437	1	KED
|	**Cu**	**63**	**18.656**	ug/L	0.179	0	107	103122	0	KED
|	**Cu**	**65**	**18.628**	ug/L	0.203	1	48	51333	0	KED
|	**Zn**	**66**	**35.385**	ug/L	0.775	2	92	29728	1	KED
|	**Zn**	**67**	**35.029**	ug/L	0.530	1	10	4875	2	KED
|	**As**	**75**	**3.130**	ug/L	0.033	1	3	1269	0	KED
⌊	**Se**	**78**	**0.534**	ug/L	0.125	23	11	38	14	KED
	Y	**89**		ug/L			836014	1203528	1	Standard
	Kr	**83**		ug/L			316	466	5	Standard
⌈>	**In-1**	**115**		ug/L			33237	34179	1	KED
|	**Mo**	**98**	**0.140**	ug/L	0.006	4	8	291	3	KED
|	**Cd**	**111**	**0.088**	ug/L	0.007	8	3	45	5	KED
⌊	**Cd**	**114**	**0.093**	ug/L	0.004	4	3	118	2	KED
⌈>	**In**	**115**		ug/L			1657839	1697709	1	Standard
|	**Ag**	**107**	**0.046**	ug/L	0.002	5	47	1059	3	Standard
|	**Sb**	**121**	**0.007**	ug/L	0.002	28	406	597	9	Standard
⌊	**Sb**	**123**	**0.005**	ug/L	0.002	39	347	444	8	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3265712	0	Standard
⌊	**Pb**	**208**	**8.235**	ug/L	0.037	0	489	1158652	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-06

Sample Dil Factor: 20

DEL

Comments:

Sample Date/Time: Friday, June 25, 2021 22:51:06

Number of Replicates: 3

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	51696	2	Standard
	Cl	**37**		ug/L			7747992	7878816	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1935463	1	Standard
|	**Cr**	**52**	**16.150**	ug/L	0.174	1	20470	586764	0	Standard
|	**Cr**	**53**	**16.709**	ug/L	0.170	1	171	67044	0	Standard
⌊	**Mn**	**55**	**245.408**	ug/L	4.322	1	899	13373295	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	120273	1	KED
|	**Ni**	**60**	**20.381**	ug/L	0.045	0	25	39271	1	KED
|	**Ni**	**62**	**20.637**	ug/L	0.472	2	5	6457	1	KED
|	**Cu**	**63**	**16.766**	ug/L	0.288	1	107	93376	2	KED
|	**Cu**	**65**	**16.577**	ug/L	0.151	0	48	46024	1	KED
|	**Zn**	**66**	**33.035**	ug/L	0.175	0	92	27968	1	KED
|	**Zn**	**67**	**34.577**	ug/L	0.530	1	10	4847	0	KED
|	**As**	**75**	**3.312**	ug/L	0.097	2	3	1353	4	KED
⌊	**Se**	**78**	**0.572**	ug/L	0.046	8	11	40	5	KED
	Y	**89**		ug/L			836014	1183131	0	Standard
	Kr	**83**		ug/L			316	441	4	Standard
⌈>	**In-1**	**115**		ug/L			33237	34526	2	KED
|	**Mo**	**98**	**0.170**	ug/L	0.010	6	8	356	5	KED
|	**Cd**	**111**	**0.072**	ug/L	0.015	20	3	38	17	KED
⌊	**Cd**	**114**	**0.064**	ug/L	0.012	19	3	83	16	KED
⌈>	**In**	**115**		ug/L			1657839	1737427	0	Standard
|	**Ag**	**107**	**0.044**	ug/L	0.001	2	47	1052	2	Standard
|	**Sb**	**121**	**0.001**	ug/L	0.002	118	406	461	9	Standard
⌊	**Sb**	**123**	**-0.002**	ug/L	0.000	17	347	332	1	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3255077	0	Standard
⌊	**Pb**	**208**	**9.389**	ug/L	0.056	0	489	1316677	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-04
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:56:50

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	64778	0	Standard
	Cl	**37**		ug/L			7747992	7920555	1	Standard
>	**Sc**	**45**		ug/L			1714902	1737940	1	Standard
	Cr	**52**	**14.715**	ug/L	0.080	0	20470	481947	1	Standard
	Cr	**53**	**15.683**	ug/L	0.052	0	171	56523	1	Standard
	Mn	**55**	**5.685**	ug/L	0.061	1	899	279083	0	Standard
>	**Ge**	**72**		ug/L			112412	96243	2	KED
	Ni	**60**	**1.122**	ug/L	0.019	1	25	1750	1	KED
	Ni	**62**	**1.204**	ug/L	0.094	7	5	306	6	KED
	Cu	**63**	**6.507**	ug/L	0.092	1	107	29054	1	KED
	Cu	**65**	**6.510**	ug/L	0.114	1	48	14485	1	KED
	Zn	**66**	**12.248**	ug/L	0.200	1	92	8347	2	KED
	Zn	**67**	**11.091**	ug/L	0.245	2	10	1250	3	KED
	As	**75**	**0.071**	ug/L	0.008	11	3	26	11	KED
	Se	**78**	**0.077**	ug/L	0.056	72	11	13	16	KED
	Y	**89**		ug/L			836014	813563	1	Standard
	Kr	**83**		ug/L			316	330	4	Standard
>	**In-1**	**115**		ug/L			33237	28704	1	KED
	Mo	**98**	**13.334**	ug/L	0.271	2	8	22662	0	KED
	Cd	**111**	**0.003**	ug/L	0.001	34	3	4	13	KED
	Cd	**114**	**0.003**	ug/L	0.002	55	3	5	31	KED
>	**In**	**115**		ug/L			1657839	1663242	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	50	47	76	19	Standard
	Sb	**121**	**0.204**	ug/L	0.002	1	406	5449	1	Standard
	Sb	**123**	**0.208**	ug/L	0.008	3	347	4184	3	Standard
>	**Tb**	**159**		ug/L			2980787	3104234	0	Standard
	Pb	**208**	**0.007**	ug/L	0.000	2	489	1475	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-03
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:01:11

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	65192	1	Standard
	Cl	**37**		ug/L			7747992	8112390	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1751342	0	Standard
|	**Cr**	**52**	**16.228**	ug/L	0.145	0	20470	533414	0	Standard
|	**Cr**	**53**	**17.658**	ug/L	0.142	0	171	64107	0	Standard
⌊	**Mn**	**55**	**5.834**	ug/L	0.060	1	899	288607	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	98802	0	KED
|	**Ni**	**60**	**1.120**	ug/L	0.048	4	25	1793	3	KED
|	**Ni**	**62**	**1.221**	ug/L	0.035	2	5	318	3	KED
|	**Cu**	**63**	**6.687**	ug/L	0.108	1	107	30652	1	KED
|	**Cu**	**65**	**6.787**	ug/L	0.067	0	48	15506	1	KED
|	**Zn**	**66**	**5.673**	ug/L	0.219	3	92	4012	3	KED
|	**Zn**	**67**	**5.229**	ug/L	0.677	12	10	610	12	KED
|	**As**	**75**	**0.075**	ug/L	0.015	20	3	27	18	KED
⌊	**Se**	**78**	**0.137**	ug/L	0.034	25	11	15	8	KED
	Y	**89**		ug/L			836014	825231	0	Standard
	Kr	**83**		ug/L			316	337	8	Standard
⌈>	**In-1**	**115**		ug/L			33237	29189	1	KED
|	**Mo**	**98**	**15.692**	ug/L	0.139	0	8	27125	0	KED
|	**Cd**	**111**	**0.013**	ug/L	0.010	71	3	8	46	KED
⌊	**Cd**	**114**	**0.009**	ug/L	0.004	37	3	12	30	KED
⌈>	**In**	**115**		ug/L			1657839	1682118	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	19	47	86	8	Standard
|	**Sb**	**121**	**0.190**	ug/L	0.004	2	406	5165	2	Standard
⌊	**Sb**	**123**	**0.197**	ug/L	0.002	0	347	4034	0	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3094034	0	Standard
⌊	**Pb**	**208**	**0.020**	ug/L	0.000	1	489	3176	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-02
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:05:31

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	66476	0	Standard
	Cl	**37**		ug/L			7747992	8708521	1	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1759423	0	Standard
|	**Cr**	**52**	**27.731**	ug/L	0.243	0	20470	900838	0	Standard
|	**Cr**	**53**	**30.069**	ug/L	0.134	0	171	109550	1	Standard
⌊	**Mn**	**55**	**6.666**	ug/L	0.024	0	899	331145	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	99571	0	KED
|	**Ni**	**60**	**0.967**	ug/L	0.060	6	25	1564	5	KED
|	**Ni**	**62**	**1.072**	ug/L	0.085	7	5	282	7	KED
|	**Cu**	**63**	**6.840**	ug/L	0.010	0	107	31596	0	KED
|	**Cu**	**65**	**6.901**	ug/L	0.089	1	48	15887	1	KED
|	**Zn**	**66**	**6.654**	ug/L	0.219	3	92	4729	3	KED
|	**Zn**	**67**	**6.294**	ug/L	0.316	5	10	738	5	KED
|	**As**	**75**	**0.086**	ug/L	0.016	18	3	31	16	KED
⌊	**Se**	**78**	**0.166**	ug/L	0.047	28	11	17	10	KED
	Y	**89**		ug/L			836014	814747	2	Standard
	Kr	**83**		ug/L			316	340	0	Standard
⌈>	**In-1**	**115**		ug/L			33237	28601	1	KED
|	**Mo**	**98**	**17.825**	ug/L	0.070	0	8	30192	1	KED
|	**Cd**	**111**	**0.011**	ug/L	0.004	31	3	7	19	KED
⌊	**Cd**	**114**	**0.016**	ug/L	0.003	20	3	19	16	KED
⌈>	**In**	**115**		ug/L			1657839	1669404	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	13	47	97	7	Standard
|	**Sb**	**121**	**0.198**	ug/L	0.006	3	406	5312	3	Standard
⌊	**Sb**	**123**	**0.209**	ug/L	0.001	0	347	4227	0	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3076814	0	Standard
⌊	**Pb**	**208**	**0.017**	ug/L	0.000	1	489	2779	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:09:52

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	67203	0	Standard
	Cl	**37**		ug/L			7747992	8236866	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1749419	0	Standard
|	**Cr**	**52**	**13.796**	ug/L	0.106	0	20470	456127	0	Standard
|	**Cr**	**53**	**15.315**	ug/L	0.021	0	171	55564	0	Standard
⌊	**Mn**	**55**	**5.016**	ug/L	0.063	1	899	248011	1	Standard
⌈>	**Ge**	**72**		ug/L			112412	100702	1	KED
|	**Ni**	**60**	**0.685**	ug/L	0.017	2	25	1127	3	KED
|	**Ni**	**62**	**0.662**	ug/L	0.042	6	5	178	6	KED
|	**Cu**	**63**	**6.896**	ug/L	0.063	0	107	32212	0	KED
|	**Cu**	**65**	**6.950**	ug/L	0.141	2	48	16178	0	KED
|	**Zn**	**66**	**5.082**	ug/L	0.065	1	92	3672	0	KED
|	**Zn**	**67**	**4.969**	ug/L	0.271	5	10	591	6	KED
|	**As**	**75**	**0.069**	ug/L	0.010	13	3	26	11	KED
⌊	**Se**	**78**	**0.187**	ug/L	0.047	25	11	18	12	KED
	Y	**89**		ug/L			836014	825608	0	Standard
	Kr	**83**		ug/L			316	361	3	Standard
⌈>	**In-1**	**115**		ug/L			33237	29632	1	KED
|	**Mo**	**98**	**16.649**	ug/L	0.225	1	8	29220	2	KED
|	**Cd**	**111**	**0.004**	ug/L	0.003	67	3	4	24	KED
⌊	**Cd**	**114**	**0.012**	ug/L	0.001	6	3	15	6	KED
⌈>	**In**	**115**		ug/L			1657839	1696157	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	35	47	71	10	Standard
|	**Sb**	**121**	**0.252**	ug/L	0.007	2	406	6762	1	Standard
⌊	**Sb**	**123**	**0.266**	ug/L	0.006	2	347	5373	3	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3092804	0	Standard
⌊	**Pb**	**208**	**0.010**	ug/L	0.000	2	489	1822	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-DUP1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Friday, June 25, 2021 23:14:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	64043	1	Standard
	Cl	**37**		ug/L			7747992	8287432	1	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1794834	1	Standard
|	**Cr**	**52**	**13.077**	ug/L	0.121	0	20470	444665	0	Standard
|	**Cr**	**53**	**14.460**	ug/L	0.267	1	171	53828	1	Standard
⌊	**Mn**	**55**	**4.810**	ug/L	0.097	2	899	243986	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	101371	1	KED
|	**Ni**	**60**	**35.111**	ug/L	0.063	0	25	57007	1	KED
|	**Ni**	**62**	**35.852**	ug/L	0.352	0	5	9454	1	KED
|	**Cu**	**63**	**6.655**	ug/L	0.088	1	107	31293	0	KED
|	**Cu**	**65**	**6.795**	ug/L	0.090	1	48	15926	0	KED
|	**Zn**	**66**	**5.116**	ug/L	0.121	2	92	3721	2	KED
|	**Zn**	**67**	**4.958**	ug/L	0.165	3	10	594	3	KED
|	**As**	**75**	**0.073**	ug/L	0.006	8	3	27	6	KED
⌊	**Se**	**78**	**0.138**	ug/L	0.023	16	11	16	4	KED
	Y	**89**		ug/L			836014	835655	0	Standard
	Kr	**83**		ug/L			316	360	11	Standard
⌈>	**In-1**	**115**		ug/L			33237	29703	2	KED
|	**Mo**	**98**	**16.264**	ug/L	0.300	1	8	28602	1	KED
|	**Cd**	**111**	**0.011**	ug/L	0.010	90	3	7	54	KED
⌊	**Cd**	**114**	**0.018**	ug/L	0.009	49	3	21	46	KED
⌈>	**In**	**115**		ug/L			1657839	1728569	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	28	47	66	7	Standard
|	**Sb**	**121**	**0.206**	ug/L	0.003	1	406	5710	1	Standard
⌊	**Sb**	**123**	**0.213**	ug/L	0.001	0	347	4453	0	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3138785	0	Standard
⌊	**Pb**	**208**	**0.010**	ug/L	0.000	4	489	1916	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:20:21

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	68361	2	Standard
	Cl	**37**		ug/L			7747992	8259266	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1778368	0	Standard
|	**Cr**	**52**	**37.007**	ug/L	0.374	1	20470	1208035	0	Standard
|	**Cr**	**53**	**39.448**	ug/L	0.528	1	171	145219	2	Standard
⌊	**Mn**	**55**	**28.748**	ug/L	0.097	0	899	1440501	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	101438	1	KED
|	**Ni**	**60**	**26.222**	ug/L	0.294	1	25	42611	2	KED
|	**Ni**	**62**	**26.028**	ug/L	0.392	1	5	6868	0	KED
|	**Cu**	**63**	**31.751**	ug/L	0.339	1	107	149047	0	KED
|	**Cu**	**65**	**31.664**	ug/L	0.437	1	48	74110	1	KED
|	**Zn**	**66**	**78.663**	ug/L	0.994	1	92	56059	2	KED
|	**Zn**	**67**	**73.617**	ug/L	1.183	1	10	8694	2	KED
|	**As**	**75**	**25.525**	ug/L	0.235	0	3	8773	1	KED
⌊	**Se**	**78**	**78.601**	ug/L	2.092	2	11	3216	3	KED
	Y	**89**		ug/L			836014	832933	0	Standard
	Kr	**83**		ug/L			316	344	2	Standard
⌈>	**In-1**	**115**		ug/L			33237	29686	0	KED
|	**Mo**	**98**	**16.839**	ug/L	0.141	0	8	29605	0	KED
|	**Cd**	**111**	**24.634**	ug/L	0.242	0	3	10297	1	KED
⌊	**Cd**	**114**	**24.379**	ug/L	0.273	1	3	26153	0	KED
⌈>	**In**	**115**		ug/L			1657839	1714406	0	Standard
|	**Ag**	**107**	**23.346**	ug/L	0.403	1	47	521116	1	Standard
|	**Sb**	**121**	**0.244**	ug/L	0.003	1	406	6614	0	Standard
⌊	**Sb**	**123**	**0.256**	ug/L	0.003	1	347	5229	1	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3118551	0	Standard
⌊	**Pb**	**208**	**23.674**	ug/L	0.059	0	489	3179946	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:28:06

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	31730	2	Standard
	Cl	**37**		ug/L			7747992	8904877	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1873558	2	Standard
|	**Cr**	**52**	**0.156**	ug/L	0.017	11	20470	27612	0	Standard
|	**Cr**	**53**	**0.057**	ug/L	0.002	3	171	407	4	Standard
⌊	**Mn**	**55**	**0.012**	ug/L	0.001	9	899	1624	4	Standard
⌈>	**Ge**	**72**		ug/L			112412	118476	2	KED
|	**Ni**	**60**	**0.010**	ug/L	0.003	35	25	45	13	KED
|	**Ni**	**62**	**0.019**	ug/L	0.009	44	5	12	24	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.002	377	107	110	12	KED
|	**Cu**	**65**	**-0.003**	ug/L	0.003	111	48	43	22	KED
|	**Zn**	**66**	**0.029**	ug/L	0.004	13	92	121	5	KED
|	**Zn**	**67**	**0.046**	ug/L	0.034	73	10	17	26	KED
|	**As**	**75**	**-0.002**	ug/L	0.002	113	3	2	39	KED
⌊	**Se**	**78**	**0.016**	ug/L	0.047	287	11	13	18	KED
	Y	**89**		ug/L			836014	891924	2	Standard
	Kr	**83**		ug/L			316	349	13	Standard
⌈>	**In-1**	**115**		ug/L			33237	35014	1	KED
|	**Mo**	**98**	**-0.002**	ug/L	0.002	160	8	5	93	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.005	213	3	2	107	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	120	3	2	47	KED
⌈>	**In**	**115**		ug/L			1657839	1879182	4	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.000	160	47	59	12	Standard
|	**Sb**	**121**	**-0.012**	ug/L	0.001	6	406	126	12	Standard
⌊	**Sb**	**123**	**-0.015**	ug/L	0.000	1	347	83	2	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3205893	2	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	1477	489	529	9	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EF00079
Instrument: ICPMS1
Calibration Date: 06/28/2021 14:16

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Calcium-44	0	0	50	1625.32	1000	1298.914	2000	1284.349	5000	1247.274	10000	1200.115
Iron-54	0	0	36	5631.278	1000	3090.132	2000	2982.757	5000	2897.48	10000	2780.145
Iron-57	0	0	36	1749.806	1000	1071.227	2000	1071.318	5000	1037.276	10000	991.2698
Potassium-39	0	0	20	86544.05	1000	32496.72	2000	31397.2	5000	30926.98	10000	29822.73
Magnesium-24	0	0	20	31374.45	1000	32551.54	2000	32221.33	5000	31439.5	10000	30138.86
Manganese-55	0	0	0.5	47168	10	46713.2	20	45847.4	50	44781.7	100	43127.14
Sodium-23	0	0	100	26689.18	1000	27477.22	2000	26483.78	5000	26244.7	10000	25575.05
Lead-208	0	0	0.1	153210	10	141963	20	140562.7	50	134893.1	100	127917.5
Aluminum-27, Dissolved	0	0	20	29597.95	1000	30100.2	2000	29182.91	5000	28733.1	10000	28047.46
Calcium-44, Dissolved	0	0	50	1625.32	1000	1298.914	2000	1284.349	5000	1247.274	10000	1200.115
Iron-54, Dissolved	0	0	36	5631.278	1000	3090.132	2000	2982.757	5000	2897.48	10000	2780.145
Iron-57, Dissolved	0	0	36	1749.806	1000	1071.227	2000	1071.318	5000	1037.276	10000	991.2698
Potassium-39, Dissolved	0	0	20	86544.05	1000	32496.72	2000	31397.2	5000	30926.98	10000	29822.73
Magnesium-24, Dissolved	0	0	20	31374.45	1000	32551.54	2000	32221.33	5000	31439.5	10000	30138.86
Manganese-55, Dissolved	0	0	0.5	47168	10	46713.2	20	45847.4	50	44781.7	100	43127.14
Sodium-23, Dissolved	0	0	100	26689.18	1000	27477.22	2000	26483.78	5000	26244.7	10000	25575.05
Lead-208, Dissolved	0	0	0.1	153210	10	141963	20	140562.7	50	134893.1	100	127917.5

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00079	Instrument:	ICPMS1
Calibration Date:	06/28/2021 14:16		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Calcium-44	1109.329	50.8	0.9996		0.998	
Iron-54	2896.965	61.6	0.9996		0.998	
Iron-57	986.8161	56.8	0.9995		0.998	
Potassium-39	35197.95	79.8	0.9997		0.998	
Magnesium-24	26287.61	49.1	0.9995		0.998	
Manganese-55	37939.57	49.1	0.9996		0.998	
Sodium-23	22078.32	49.1	0.9998		0.998	
Lead-208	116424.4	49.5	0.9991		0.998	
Aluminum-27, Dissolved	24276.94	49.1	0.9998		0.998	
Calcium-44, Dissolved	1109.329	50.8	0.9996		0.998	
Iron-54, Dissolved	2896.965	61.6	0.9996		0.998	
Iron-57, Dissolved	986.8161	56.8	0.9995		0.998	
Potassium-39, Dissolved	35197.95	79.8	0.9997		0.998	
Magnesium-24, Dissolved	26287.61	49.1	0.9995		0.998	
Manganese-55, Dissolved	37939.57	49.1	0.9996		0.998	
Sodium-23, Dissolved	22078.32	49.1	0.9998		0.998	
Lead-208, Dissolved	116424.4	49.5	0.9991		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 4/28/21 **Analyst:** MS **Sequence:** 5JF0401 **Cal:** EF000079

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	SEQ-CAL1			
		-CAL2			
		-CAL3			
		-CAL4			
		-CAL5			
		-CAL6			Ge noisy
	↓	-IBL1	—		
		SEQ-CAL1	J6715		
		-CAL2	J6763		
		-CAL3	J6764		
		-CAL4	J6765		
		-CAL5	J6716		
		-CAL6	J6766		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J6715		
		-CCV1	J6716		
		-CCB1	J6715		
		-CRL1	J6763		
		-IFA1	J576b		V-1, Cr^{53}↑
	✓	-IFB1	—		↓/K↓
		-HCV1	J6678		Ag, Ba^{137}↓ - Ag, Ba < 100
		-HCV2	J6294		↓
		-IBL2	—		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted. MB 6/28/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-~~IB~~IFB1	J5761		V-1, Cr53 ↑
		-IBL&3	—		
		-IBL4	—		
		-CCV2			Ba137 ↓ - No Ba all run
		-CCB2			
		BJF0520-BLK2	REN		Ca, K, Mg, Na only
		-BS2			↓
		BJF0556-BLK2			Al, Ca, K, Mg, Na only
		-BS2			↓
		21F0359-01			Zn ↑ Zn NR
		21F0242-01			
		21F0379-01			Zn ↑ Zn NR
		-0IRE1		5	Zn only
		21F0359-0IRE1	↓	↓	↓
		SEQ-IBL5			(In+ noisy)
		-CCV3			
		-CCB3			
		BJF0654-BLK2	REN		Ca, Fe, K, Mg, ~~Na~~ only
		-BS2			↓
		BJF0655-BLK3			
		-BS3			
		21F0123-19			Li, Sc, In, Tb SI. noisy %R + Analytes OK
		-05			Ca ↑ Al, K, Mg only
		BJF0556-DUP2	↓		↓ ↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJFΦ556-MS2	REN		Ca↑/(Mg %R↓ (74.8 %R)) Al, K, Mg only
		↓ -MSD2	↓		↓ ↓
		SEQ-IBL6			
		-CCV4			Na, Ba↓
		-CCB4			
	✓	-CAL1			
		-CCV5			Na, Ba↓
		↓ -CCB5			
		21FΦ346-Φ4	REN	2	In↓ -Not Needed
		-Φ1			Sc, Ge, In^{+1}, In↓ Pb only
		↓ -Φ2			↓ ↓
		21FΦ344-Φ4			Li↑ -Not Needed
		-Φ3			
		-Φ2			
		↓ -Φ1			Mo NR/No Ni, Mn
		BJFΦ657-DUP1			/Ni 0.4 SD
		↓ -MS1	↓		↓ ↓ ↓
		SEQ-IBL7			(Fe^{+7}↑)
		-CCV6			Na, Mg, Al, K, Ca, Fe^{54}, Mn, Ba↓
		↓ -CCB6			
	✓	21FΦ130-4Φ	REN		
	✓	21FΦ123-2Φ			
	✓	-36			
	✓	↓ -41	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	21FΦ123-42	REN		Ca↑
	✓	21FΦ139-Φ2	↓	5	
	✓	BJFΦ52Φ-DUP3	↓	↓	
	✓	↓ -MS3	↓	↓	
	✓	↓ -MSD3	↓	↓	
		SEQ-IBL8			
		↓ -CCV7			Na, Mg, Al, Ba ↓
		↓ -CCB7			
		21FΦ13Φ-Φ8	REN		Ca, Fe, K only
		↓ -12	↓		↓
		-23	↓		
		-25	↓		
		-27	↓		
		↓ -Φ5	↓	5	Ca, K, Mn only
		BJFΦ52Φ-DUP4	↓	↑	↓
		↓ -MS4	↓	↓	Mn STL ↓
		↓ -MSD4	↓	↓	↓
		SEQ-IBL9			
		↓ -CCV8			Na, Mg, Al, Ba ↓
		↓ -CCB8			
		21FΦ13Φ-31	REN		Ca, Fe, K only
		↓ -37	↓		↓
		↓ -54	↓		↓
		↓ -43	↓	2	Ca, Fe, Mn, Zn ↑ / Cd, Cu, K Pb only / Ca, Fe, Zn NR

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLA			
		21FΦ123-Φ1	REN		Ca, Fe, K only
		BJFΦ655-DUP2	↓		↓
		-MS2	↓		↓
		-MSD2	↓		↓
		SEQ-IBLB			
		-CCV9			Na, Mg, Al, Ba ↓
		-CCB9			
		21FΦ123-22	REN		Ca, Fe, K only
		-25	↓		Ca ↑ Fe, K only
		-28	↓		↓ ↓
		-29	↓		Ca, Fe, K only
		-3Φ	↓		↓
		-31	↓		↓
		-32	↓		Ca ↑ Fe, K only
		-33	↓		Ca, Fe, K only
		-35	↓		↓
		SEQ-IBLC			
		-CCVA			Na, Mg, Al, Ba ↓
		-CCBA			
	✓	-CAL1			
		-CCVB			Na, Mg, Al, Ba ↓
		-CCBB			
	✓	21FΦ123-37	REN		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MS **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	21FΦ123-38	REN		
		-39			
		-4Φ			
		-Φ3			Ca↑
		-Φ4			↓
		-Φ6			
		-Φ7			
		-Φ8			
		SEQ-IBLD			AS Error - Break in analysis
		-CAL1			Multiple analytes removed from method
		-CCVE			Na↓
		-CCBC			
		21FΦ123-Φ9	REN		Ca,K,Fe only
		-1Φ			Ca↑ K,Fe only
		-13			↓ ↓
		-11		10	Ca,K,Fe,Zn only
		-14			Ca,K,Fe only
		-18			Ca,K,Fe,Zn only
		BJFΦ654-DUP2			
		-MS2			Fe,Zn STL
		-MSD2			↓ ↓
		SEQ-IBLE			
		-CCVD			Na,Mg,Al,Mn↓
		-CCBD			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MS **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21F0123-34	REN	2	Ca↑ Fe,K only
		-21	↓	↓	Ca,Fe,K,Zn only
		-23	↓	↓	Ca,Mn,Zn↑/ Fe,K only / Ca NR
		SEQ-IBLF			
		21FΦ123-Φ2	REN	5	Ca,Fe,K,Zn only
		-12	↓	↓	Ca,Fe,K only
		-16	↓	↓	↓
		-24	↓	↓	↓
		-15	↓	10	Ca,Fe,K,Zn only
		SEQ-IBLG			
		-CCVE			Na,Mg,Al,Mn↓/Pb↑
		-CCBE			
		21FΦ123-17	REN	10	Sc noisy Cd,Cu,Zn only
		-26	↓	↓	Ca,Fe,K only
		-27	↓	↓	↓
		-23RE1	↓	50	Ca only
		21FΦ13Φ-43RE1	↓	20	Ca,Fe,Zn only
		21FΦ245-Φ4	SWN	↓	Cd,Pb only
		-Φ5	↓	↓	↓
		-Φ6	↓	↓	In noisy/In↓ Pb only
		SEQ-IBLH			
		-CCVF			Na,Al,Mn↓/Pb↑
		-CCBF			
		Rinse/DI			

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, June 28, 2021 12:30:28
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11071
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	12154.0	12153.968	114.939	0.9	Standard
	In	114.9	164792.6	-1493046.769	827.826	0.1	Standard
	U	238.1	217985.4	217985.400	6459.098	3.0	Standard
⌈	CeO	155.9	3827.1	0.021	0.000	2.0	Standard
| >	Ce	139.9	184623.8	184623.778	1868.933	1.0	Standard
⌊	Ce++	70.0	2333.1	0.013	0.000	1.7	Standard
	Bkgd	220.0	1.4	1.400	1.146	81.9	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, June 28, 2021 12:39:35
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11078
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	11488.2	11488.153	258.292	2.2	Standard
	In	114.9	159853.2	159853.214	1908.837	1.2	Standard
	U	238.1	234619.3	234619.337	1678.055	0.7	Standard
⌈	CeO	155.9	4192.7	0.022	0.001	2.3	Standard
| >	Ce	139.9	190720.8	190720.754	950.242	0.5	Standard
⌊	Ce++	70.0	2356.6	0.012	0.000	1.6	Standard
	Bkgd	220.0	0.9	0.933	0.303	32.4	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/28/2021 12:30:26 PM
End Time: 6/28/2021 12:41:39 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 12153.97
Obtained Intensity (In 115): 164792.58
Obtained Intensity (U 238): 217985.40
Obtained Intensity (Bkgd 220): 1.40
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2333.06 / 184623.78)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=3827.11 / 184623.78)
Obtained RSD (Be 9): 0.0095
Obtained RSD (In 115): 0.0006
Obtained RSD (U 238): 0.0296

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.76 mm	-0.33 mm	176506.72

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.96
Obtained Intensity (In 115): 173804.89
Obtained Formula (CeO 156 / Ce 140): 0.0229 (=4481.70 / 196010.54)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.691)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.709)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.705)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.998; Intercept = -13.19

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -13.69

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 11488.15
Obtained Intensity (In 115): 159853.21
Obtained Intensity (U 238): 234619.34
Obtained Intensity (Bkgd 220): 0.93
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=2356.59 / 190720.75)
Obtained Formula (CeO 156 / Ce 140): 0.022 (=4192.75 / 190720.75)
Obtained RSD (Be 9): 0.0225
Obtained RSD (In 115): 0.0119
Obtained RSD (U 238): 0.0072

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/28/2021 12:30:26 PM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 12153.97
		Obtained Intensity (In 115): 164792.58
		Obtained Intensity (U 238): 217985.40
		Obtained Intensity (Bkgd 220): 1.40
		Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2333.06 / 184623.78)
		Obtained Formula (CeO 156 / Ce 140): 0.021 (=3827.11 / 184623.78)
		Obtained RSD (Be 9): 0.0095
		Obtained RSD (In 115): 0.0006
		Obtained RSD (U 238): 0.0296

[Passed] Optimum value(s): N/A

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:
		Vertical	Horizontal	Intensity
[Passed]	2.76 mm	-0.33 mm	176506.72

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.95/0.99/0.005.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.023

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 173804.89
		Obtained Formula (CeO 156 / Ce 140): 0.0229 (=4481.70 / 196010.54)
[Passed] Optimum value(s): 0.96

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.693)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.692)
		Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.698)
		Target/Obtained mass (238.05/238.125), Target/Obtained resolution (0.7/0.706) - <Target not achieved>
		[Failed]
	Retry 1
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.691)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.709)
		Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
		Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.705)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.998; Intercept = -13.19

	Analyte	Mass	Points	DAC	MaxIntensity

		Li	7	41	-13.5	42033.7
		Mg	24	41	-14	58543.7
		In	115	41	-12	173507
		Ce	140	41	-11.5	195703
		Pb	208	41	-10.5	129896
		U	238	41	-10.5	247929

KED Mode QID
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.999; Intercept = -13.69

	Analyte	Mass	Points	DAC	MaxIntensity

		Li	7	41	-13.5	28592.6
		Mg	24	41	-13	59503.7
		In	115	41	-11	166998
		Ce	140	41	-10.5	143093
		Pb	208	41	-10	81616.5
		U	238	41	-10	166679

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 11488.15
		Obtained Intensity (In 115): 159853.21
		Obtained Intensity (U 238): 234619.34
		Obtained Intensity (Bkgd 220): 0.93
		Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=2356.59 / 190720.75)
		Obtained Formula (CeO 156 / Ce 140): 0.022 (=4192.75 / 190720.75)
		Obtained RSD (Be 9): 0.0225
		Obtained RSD (In 115): 0.0119
		Obtained RSD (U 238): 0.0072

[Passed] Optimum value(s): N/A

End Time: 6/28/2021 12:41:39 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 13:32:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L				1335457	1	Standard
	Be	9		ug/L				2	114	Standard
	C	13		ug/L				27070	2	Standard
	Cl	37		ug/L				8432373	0	Standard
>	Sc	45		ug/L				1480691	1	Standard
	Na	23		ug/L				19280	1	Standard
	Mg	24		ug/L				4910	2	Standard
	Al	27		ug/L				32817	4	Standard
	K	39		ug/L				1087342	1	Standard
	Ca	44		ug/L				24378	0	Standard
	V	51		ug/L				7706	1	Standard
	V-1	51		ug/L				600	1	Standard
	Cr	52		ug/L				23373	0	Standard
	Cr	53		ug/L				368	9	Standard
	Fe	54		ug/L				110438	1	Standard
	Fe	57		ug/L				29397	0	Standard
	Mn	55		ug/L				1566	6	Standard
>	Ge	72		ug/L				107671	2	KED
	Co	59		ug/L				9	52	KED
	Ni	60		ug/L				328	3	KED
	Ni	62		ug/L				48	6	KED
	Cu	63		ug/L				175	10	KED
	Cu	65		ug/L				86	20	KED
	Zn	66		ug/L				292	5	KED
	Zn	67		ug/L				45	21	KED
	As	75		ug/L				4	12	KED
	Se	78		ug/L				16	19	KED
	Y	89		ug/L				836428	0	Standard
	Kr	83		ug/L				363	7	Standard
>	In-1	115		ug/L				35495	0	KED
	Mo	98		ug/L				34	16	KED
	Cd	111		ug/L				2	66	KED
	Cd	114		ug/L				3	53	KED
>	In	115		ug/L				1478885	1	Standard
	Ag	107		ug/L				157	3	Standard
	Ba	135		ug/L				107	17	Standard
	Ba	137		ug/L				184	9	Standard
>	Tb	159		ug/L				2862808	0	Standard
	Tl	205		ug/L				113	3	Standard
	Pb	208		ug/L				1222	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 13:36:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1335457	1320072	1	Standard
	Be	**9**	**0.200**	ug/L	0.002	1	2	1635	1	Standard
	C	**13**		ug/L			27070	29590	1	Standard
	Cl	**37**		ug/L			8432373	8409415	0	Standard
>	**Sc**	**45**		ug/L			1480691	1453064	1	Standard
	Na	**23**	**100.000**	ug/L	0.442	0	19280	2749469	0	Standard
	Mg	**24**	**20.000**	ug/L	0.265	1	4910	641823	2	Standard
	Al	**27**	**20.000**	ug/L	0.191	0	32817	596966	1	Standard
	K	**39**	**20.000**	ug/L	0.724	3	1087342	1700148	0	Standard
	Ca	**44**	**50.000**	ug/L	0.596	1	24378	87283	1	Standard
	V	**51**	**0.200**	ug/L	0.000	0	7706	14229	1	Standard
	V-1	**51**	**0.200**	ug/L	0.001	0	600	7507	0	Standard
	Cr	**52**	**0.500**	ug/L	0.010	2	23373	37283	1	Standard
	Cr	**53**	**0.500**	ug/L	0.007	1	368	2063	2	Standard
	Fe	**54**	**36.000**	ug/L	0.530	1	110438	212303	1	Standard
	Fe	**57**	**36.000**	ug/L	1.112	3	29397	65292	2	Standard
	Mn	**55**	**0.500**	ug/L	0.007	1	1566	24354	2	Standard
>	**Ge**	**72**		ug/L			107671	110851	1	KED
	Co	**59**	**0.200**	ug/L	0.010	5	9	1393	4	KED
	Ni	**60**	**0.500**	ug/L	0.020	3	328	1044	2	KED
	Ni	**62**	**0.500**	ug/L	0.063	12	48	194	8	KED
	Cu	**63**	**0.500**	ug/L	0.014	2	175	3035	2	KED
	Cu	**65**	**0.500**	ug/L	0.028	5	86	1549	6	KED
	Zn	**66**	**6.000**	ug/L	0.121	2	292	5468	0	KED
	Zn	**67**	**6.000**	ug/L	0.288	4	45	831	3	KED
	As	**75**	**0.200**	ug/L	0.005	2	4	88	2	KED
	Se	**78**	**0.500**	ug/L	0.036	7	16	42	5	KED
	Y	**89**		ug/L			836428	825112	1	Standard
	Kr	**83**		ug/L			363	396	1	Standard
>	**In-1**	**115**		ug/L			35495	33563	0	KED
	Mo	**98**	**0.200**	ug/L	0.012	6	34	444	5	KED
	Cd	**111**	**0.100**	ug/L	0.013	12	2	53	12	KED
	Cd	**114**	**0.100**	ug/L	0.018	17	3	152	17	KED
>	**In**	**115**		ug/L			1478885	1442126	2	Standard
	Ag	**107**	**0.200**	ug/L	0.003	1	157	4495	3	Standard
	Ba	**135**	**0.500**	ug/L	0.029	5	107	4326	4	Standard
	Ba	**137**	**0.500**	ug/L	0.027	5	184	7796	2	Standard
>	**Tb**	**159**		ug/L			2862808	2843848	2	Standard
	Tl	**205**	**0.200**	ug/L	0.001	0	113	21692	1	Standard
	Pb	**208**	**0.100**	ug/L	0.001	1	1222	15958	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 13:41:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1335457	1324931	2	Standard
	Be	9	10.000	ug/L	0.294	2	2	83251	3	Standard
	C	13		ug/L			27070	34533	0	Standard
	Cl	37		ug/L			8432373	8809549	1	Standard
>	Sc	45		ug/L			1480691	1484723	1	Standard
	Na	23	999.997	ug/L	1.908	0	19280	27912916	1	Standard
	Mg	24	1000.008	ug/L	5.495	0	4910	33252957	1	Standard
	Al	27	1000.026	ug/L	14.530	1	32817	30875523	1	Standard
	K	39	999.997	ug/L	21.122	2	1087342	33207646	2	Standard
	Ca	44	1000.044	ug/L	7.489	0	24378	1342688	1	Standard
	V	51	10.000	ug/L	0.088	0	7706	361839	1	Standard
	V-1	51	10.000	ug/L	0.086	0	600	360201	1	Standard
	Cr	52	10.001	ug/L	0.098	0	23373	334740	0	Standard
	Cr	53	10.001	ug/L	0.088	0	368	37301	2	Standard
	Fe	54	1000.086	ug/L	6.433	0	110438	3269877	0	Standard
	Fe	57	1000.076	ug/L	5.415	0	29397	1128174	1	Standard
	Mn	55	10.001	ug/L	0.039	0	1566	485649	1	Standard
>	Ge	72		ug/L			107671	110867	1	KED
	Co	59	10.000	ug/L	0.130	1	9	70771	0	KED
	Ni	60	10.008	ug/L	0.095	0	328	20696	2	KED
	Ni	62	10.003	ug/L	0.263	2	48	3376	3	KED
	Cu	63	10.001	ug/L	0.090	0	175	59918	1	KED
	Cu	65	10.001	ug/L	0.021	0	86	30031	1	KED
	Zn	66	10.072	ug/L	0.191	1	292	9155	0	KED
	Zn	67	10.325	ug/L	0.496	4	45	1531	3	KED
	As	75	10.000	ug/L	0.130	1	4	4302	0	KED
	Se	78	10.000	ug/L	0.312	3	16	537	4	KED
	Y	89		ug/L			836428	841063	1	Standard
	Kr	83		ug/L			363	370	6	Standard
>	In-1	115		ug/L			35495	33260	0	KED
	Mo	98	10.000	ug/L	0.069	0	34	21415	0	KED
	Cd	111	10.000	ug/L	0.097	0	2	5350	0	KED
	Cd	114	10.000	ug/L	0.172	1	3	13783	2	KED
>	In	115		ug/L			1478885	1463226	2	Standard
	Ag	107	10.000	ug/L	0.050	0	157	230905	1	Standard
	Ba	135	10.001	ug/L	0.086	0	107	88508	3	Standard
	Ba	137	10.001	ug/L	0.044	0	184	159241	2	Standard
>	Tb	159		ug/L			2862808	2895012	1	Standard
	Tl	205	10.000	ug/L	0.045	0	113	1114951	2	Standard
	Pb	208	10.000	ug/L	0.132	1	1222	1480774	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 13:46:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1335457	1350378	1	Standard
⌊	**Be**	**9**	**19.863**	ug/L	0.136	0	2	164063	1	Standard
	C	**13**		ug/L			27070	33224	1	Standard
	Cl	**37**		ug/L			8432373	9141805	0	Standard
⌈>	**Sc**	**45**		ug/L			1480691	1495117	1	Standard
⌈	**Na**	**23**	**1984.243**	ug/L	30.349	1	19280	54059026	0	Standard
⌊	**Mg**	**24**	**1999.266**	ug/L	50.220	2	4910	66823482	0	Standard
⌈	**Al**	**27**	**1986.267**	ug/L	28.774	1	32817	60065876	1	Standard
⌊	**K**	**39**	**1987.692**	ug/L	26.449	1	1087342	63828942	1	Standard
⌈	**Ca**	**44**	**1995.467**	ug/L	36.410	1	24378	2649283	1	Standard
⌊	**V**	**51**	**19.942**	ug/L	0.334	1	7706	710741	1	Standard
⌈	**V-1**	**51**	**19.916**	ug/L	0.257	1	600	709875	1	Standard
⌊	**Cr**	**52**	**19.952**	ug/L	0.084	0	23373	643172	2	Standard
⌈	**Cr**	**53**	**19.870**	ug/L	0.261	1	368	72401	2	Standard
⌈	**Fe**	**54**	**1986.065**	ug/L	11.371	0	110438	6258091	1	Standard
⌊	**Fe**	**57**	**1995.897**	ug/L	9.728	0	29397	2219838	2	Standard
⌊	**Mn**	**55**	**19.865**	ug/L	0.064	0	1566	944391	1	Standard
⌈>	**Ge**	**72**		ug/L			107671	108410	0	KED
⌈	**Co**	**59**	**19.971**	ug/L	0.119	0	9	137397	0	KED
⌊	**Ni**	**60**	**20.026**	ug/L	0.081	0	328	40366	0	KED
⌈	**Ni**	**62**	**20.007**	ug/L	0.418	2	48	6564	2	KED
⌊	**Cu**	**63**	**19.981**	ug/L	0.168	0	175	116446	0	KED
⌈	**Cu**	**65**	**19.977**	ug/L	0.183	0	86	58307	0	KED
⌈	**Zn**	**66**	**20.228**	ug/L	0.561	2	292	18287	2	KED
⌊	**Zn**	**67**	**20.336**	ug/L	0.561	2	45	3054	2	KED
⌈	**As**	**75**	**20.000**	ug/L	0.461	2	4	8411	2	KED
⌊	**Se**	**78**	**19.874**	ug/L	0.506	2	16	1002	2	KED
	Y	**89**		ug/L			836428	827701	1	Standard
	Kr	**83**		ug/L			363	398	4	Standard
⌈>	**In-1**	**115**		ug/L			35495	32052	0	KED
⌈	**Mo**	**98**	**20.037**	ug/L	0.075	0	34	41628	0	KED
⌊	**Cd**	**111**	**19.972**	ug/L	0.074	0	2	10238	0	KED
⌊	**Cd**	**114**	**20.017**	ug/L	0.253	1	3	26674	0	KED
⌈>	**In**	**115**		ug/L			1478885	1477479	3	Standard
⌈	**Ag**	**107**	**19.821**	ug/L	0.474	2	157	445845	0	Standard
⌊	**Ba**	**135**	**19.913**	ug/L	0.958	4	107	174639	3	Standard
⌊	**Ba**	**137**	**19.851**	ug/L	0.543	2	184	309630	1	Standard
⌈>	**Tb**	**159**		ug/L			2862808	2873187	1	Standard
⌈	**Tl**	**205**	**19.904**	ug/L	0.145	0	113	2160797	1	Standard
⌊	**Pb**	**208**	**19.957**	ug/L	0.274	1	1222	2907118	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments: DEL
Sample Date/Time: Monday, June 28, 2021 13:51:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1335457	1295030	1	Standard
	Be	9	50.229	ug/L	0.381	0	2	407203	1	Standard
	C	13		ug/L			27070	27780	1	Standard
	Cl	37		ug/L			8432373	9314593	1	Standard
>	Sc	45		ug/L			1480691	1442304	0	Standard
	Na	23	5019.234	ug/L	45.801	0	19280	134480782	0	Standard
	Mg	24	4994.865	ug/L	112.354	2	4910	160244818	1	Standard
	Al	27	5009.392	ug/L	28.661	0	32817	147491822	1	Standard
	K	39	5004.662	ug/L	142.727	2	1087342	154130210	1	Standard
	Ca	44	5012.584	ug/L	71.392	1	24378	6465504	0	Standard
	V	51	50.199	ug/L	0.035	0	7706	1749308	0	Standard
	V-1	51	50.189	ug/L	0.215	0	600	1758308	1	Standard
	Cr	52	50.142	ug/L	0.781	1	23373	1546159	0	Standard
	Cr	53	50.114	ug/L	0.181	0	368	177594	0	Standard
	Fe	54	4989.017	ug/L	52.522	1	110438	14840695	0	Standard
	Fe	57	4993.636	ug/L	18.831	0	29397	5280969	0	Standard
	Mn	55	50.106	ug/L	0.250	0	1566	2320168	1	Standard
>	Ge	72		ug/L			107671	107042	1	KED
	Co	59	50.018	ug/L	0.830	1	9	340358	1	KED
	Ni	60	49.913	ug/L	0.465	0	328	98015	2	KED
	Ni	62	49.744	ug/L	1.135	2	48	15644	2	KED
	Cu	63	49.791	ug/L	0.181	0	175	280394	0	KED
	Cu	65	49.699	ug/L	0.523	1	86	138935	2	KED
	Zn	66	49.699	ug/L	0.173	0	292	42752	1	KED
	Zn	67	49.413	ug/L	0.508	1	45	6889	1	KED
	As	75	49.891	ug/L	0.484	0	4	20485	0	KED
	Se	78	49.845	ug/L	1.027	2	16	2421	1	KED
	Y	89		ug/L			836428	815462	0	Standard
	Kr	83		ug/L			363	336	1	Standard
>	In-1	115		ug/L			35495	31328	1	KED
	Mo	98	50.181	ug/L	0.560	1	34	103725	0	KED
	Cd	111	50.019	ug/L	0.580	1	2	25103	0	KED
	Cd	114	49.896	ug/L	1.525	3	3	64305	2	KED
>	In	115		ug/L			1478885	1441286	1	Standard
	Ag	107	49.891	ug/L	0.861	1	157	1083389	3	Standard
	Ba	135	49.991	ug/L	0.593	1	107	427470	1	Standard
	Ba	137	50.075	ug/L	0.357	0	184	767792	1	Standard
>	Tb	159		ug/L			2862808	2825924	0	Standard
	Tl	205	49.682	ug/L	0.698	1	113	5141472	1	Standard
	Pb	208	49.769	ug/L	0.535	1	1222	6968111	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 13:58:46

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1335457	1283628	1	Standard
	Be	9	99.919	ug/L	1.111	1	2	800695	1	Standard
	C	13		ug/L			27070	32645	0	Standard
	Cl	37		ug/L			8432373	9306256	0	Standard
>	Sc	45		ug/L			1480691	1393699	0	Standard
	Na	23	10041.818	ug/L	320.575	3	19280	263649307	3	Standard
	Mg	24	10008.938	ug/L	100.835	1	4910	311247486	0	Standard
	Al	27	10025.271	ug/L	274.063	2	32817	287612676	2	Standard
	K	39	10014.509	ug/L	213.443	2	1087342	298486211	2	Standard
	Ca	44	9979.678	ug/L	56.631	0	24378	12333304	0	Standard
	V	51	100.286	ug/L	1.798	1	7706	3402033	1	Standard
	V-1	51	100.305	ug/L	1.607	1	600	3429794	1	Standard
	Cr	52	100.181	ug/L	1.101	1	23373	2981133	1	Standard
	Cr	53	100.244	ug/L	0.278	0	368	345745	0	Standard
	Fe	54	10008.350	ug/L	90.570	0	110438	28744621	0	Standard
	Fe	57	10034.359	ug/L	152.337	1	29397	10344473	1	Standard
	Mn	55	99.667	ug/L	0.728	0	1566	4409073	0	Standard
>	Ge	72		ug/L			107671	95470	12	KED
	Co	59	102.134	ug/L	12.433	12	9	660773	1	KED
	Ni	60	101.802	ug/L	12.668	12	328	187422	1	KED
	Ni	62	102.013	ug/L	12.371	12	48	30318	1	KED
	Cu	63	101.681	ug/L	12.963	12	175	535242	0	KED
	Cu	65	101.441	ug/L	12.750	12	86	262865	0	KED
	Zn	66	101.547	ug/L	11.758	11	292	81023	1	KED
	Zn	67	101.328	ug/L	13.100	12	45	12993	1	KED
	As	75	102.177	ug/L	12.509	12	4	39941	1	KED
	Se	78	101.895	ug/L	12.213	11	16	4651	1	KED
	Y	89		ug/L			836428	784190	1	Standard
	Kr	83		ug/L			363	349	13	Standard
>	In-1	115		ug/L			35495	29788	0	KED
	Mo	98	100.860	ug/L	1.321	1	34	204053	0	KED
	Cd	111	100.406	ug/L	1.582	1	2	48570	0	KED
	Cd	114	100.642	ug/L	1.611	1	3	126038	0	KED
>	In	115		ug/L			1478885	1357727	0	Standard
	Ag	107	100.113	ug/L	2.165	2	157	2055182	1	Standard
	Ba	135	101.345	ug/L	0.801	0	107	854635	0	Standard
	Ba	137	101.214	ug/L	0.800	0	184	1523446	0	Standard
>	Tb	159		ug/L			2862808	2744461	1	Standard
	Tl	205	100.079	ug/L	0.858	0	113	10083830	0	Standard
	Pb	208	99.431	ug/L	1.414	1	1222	13265629	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 14:06:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1335457	1342237	1	Standard
	Be	**9**	**0.000**	ug/L	0.000	60	2	5	33	Standard
	C	**13**		ug/L			27070	27008	1	Standard
	Cl	**37**		ug/L			8432373	8789309	0	Standard
>	**Sc**	**45**		ug/L			1480691	1450777	3	Standard
	Na	**23**	**0.120**	ug/L	0.034	28	19280	22143	1	Standard
	Mg	**24**	**-0.050**	ug/L	0.004	7	4910	3179	1	Standard
	Al	**27**	**-0.926**	ug/L	0.005	0	32817	4498	4	Standard
	K	**39**	**3.271**	ug/L	0.953	29	1087342	1165875	1	Standard
	Ca	**44**	**-2.790**	ug/L	0.616	22	24378	20287	1	Standard
	V	**51**	**-0.013**	ug/L	0.000	3	7706	7086	3	Standard
	V-1	**51**	**-0.003**	ug/L	0.001	34	600	493	8	Standard
	Cr	**52**	**-0.064**	ug/L	0.004	6	23373	20925	2	Standard
	Cr	**53**	**-0.029**	ug/L	0.000	0	368	256	3	Standard
	Fe	**54**	**-2.999**	ug/L	0.995	33	110438	99217	1	Standard
	Fe	**57**	**-5.839**	ug/L	0.617	10	29397	22539	1	Standard
	Mn	**55**	**-0.017**	ug/L	0.001	5	1566	763	2	Standard
>	**Ge**	**72**		ug/L			107671	105181	1	KED
	Co	**59**	**0.000**	ug/L	0.001	3374	9	9	72	KED
	Ni	**60**	**-0.151**	ug/L	0.001	0	328	11	16	KED
	Ni	**62**	**-0.123**	ug/L	0.009	7	48	6	45	KED
	Cu	**63**	**-0.014**	ug/L	0.004	28	175	91	26	KED
	Cu	**65**	**-0.015**	ug/L	0.002	15	86	41	16	KED
	Zn	**66**	**-0.283**	ug/L	0.008	2	292	35	20	KED
	Zn	**67**	**-0.242**	ug/L	0.067	27	45	10	94	KED
	As	**75**	**0.003**	ug/L	0.004	121	4	5	30	KED
	Se	**78**	**0.018**	ug/L	0.050	280	16	16	13	KED
	Y	**89**		ug/L			836428	815593	1	Standard
	Kr	**83**		ug/L			363	369	6	Standard
>	**In-1**	**115**		ug/L			35495	31359	0	KED
	Mo	**98**	**0.046**	ug/L	0.008	18	34	128	13	KED
	Cd	**111**	**0.004**	ug/L	0.004	101	2	4	44	KED
	Cd	**114**	**0.000**	ug/L	0.003	4759	3	3	98	KED
>	**In**	**115**		ug/L			1478885	1446790	3	Standard
	Ag	**107**	**-0.000**	ug/L	0.002	458	157	146	18	Standard
	Ba	**135**	**-0.008**	ug/L	0.001	8	107	30	16	Standard
	Ba	**137**	**-0.008**	ug/L	0.001	8	184	50	25	Standard
>	**Tb**	**159**		ug/L			2862808	2763743	0	Standard
	Tl	**205**	**0.003**	ug/L	0.000	13	113	415	10	Standard
	Pb	**208**	**-0.004**	ug/L	0.000	8	1222	659	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:16:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L				1302100	2	Standard
	Be	9		ug/L				5	57	Standard
	C	13		ug/L				26820	1	Standard
	Cl	37		ug/L				8490587	0	Standard
>	Sc	45		ug/L				1401124	2	Standard
	Na	23		ug/L				14812	0	Standard
	Mg	24		ug/L				2714	2	Standard
	Al	27		ug/L				4093	4	Standard
	K	39		ug/L				1124156	1	Standard
	Ca	44		ug/L				18718	1	Standard
	V	51		ug/L				7142	0	Standard
	V-1	51		ug/L				449	3	Standard
	Cr	52		ug/L				21146	0	Standard
	Cr	53		ug/L				248	7	Standard
	Fe	54		ug/L				98444	0	Standard
	Fe	57		ug/L				26183	1	Standard
	Mn	55		ug/L				711	1	Standard
>	Ge	72		ug/L				104395	3	KED
	Co	59		ug/L				3	132	KED
	Ni	60		ug/L				19	55	KED
	Ni	62		ug/L				3	34	KED
	Cu	63		ug/L				76	21	KED
	Cu	65		ug/L				36	43	KED
	Zn	66		ug/L				35	56	KED
	Zn	67		ug/L				9	0	KED
	As	75		ug/L				5	47	KED
	Se	78		ug/L				17	25	KED
	Y	89		ug/L				797774	2	Standard
	Kr	83		ug/L				368	8	Standard
>	In-1	115		ug/L				31030	0	KED
	Mo	98		ug/L				32	25	KED
	Cd	111		ug/L				3	50	KED
	Cd	114		ug/L				3	1	KED
>	In	115		ug/L				1398199	2	Standard
	Ag	107		ug/L				89	17	Standard
	Ba	135		ug/L				25	17	Standard
	Ba	137		ug/L				38	21	Standard
>	Tb	159		ug/L				2712647	0	Standard
	Tl	205		ug/L				160	22	Standard
	Pb	208		ug/L				501	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:21:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1333637	1	Standard
⌊	**Be**	**9**	**0.200**	ug/L	0.007	3	5	1619	2	Standard
	C	**13**		ug/L			26820	29264	0	Standard
	Cl	**37**		ug/L			8490587	8522597	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1419305	1	Standard
⌈	**Na**	**23**	**100.000**	ug/L	1.317	1	14812	2668918	0	Standard
⌈	**Mg**	**24**	**20.000**	ug/L	0.123	0	2714	627489	1	Standard
⌈	**Al**	**27**	**20.000**	ug/L	0.291	1	4093	591959	0	Standard
⌈	**K**	**39**	**20.000**	ug/L	0.995	4	1124156	1730881	2	Standard
⌈	**Ca**	**44**	**50.000**	ug/L	0.143	0	18718	81266	1	Standard
⌈	**V**	**51**	**0.200**	ug/L	0.004	2	7142	13866	1	Standard
⌈	**V-1**	**51**	**0.200**	ug/L	0.003	1	449	7299	2	Standard
⌈	**Cr**	**52**	**0.500**	ug/L	0.006	1	21146	36257	1	Standard
⌈	**Cr**	**53**	**0.500**	ug/L	0.008	1	248	1996	1	Standard
⌈	**Fe**	**54**	**36.000**	ug/L	0.605	1	98444	202726	1	Standard
⌈	**Fe**	**57**	**36.000**	ug/L	0.351	0	26183	62993	1	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.004	0	711	23584	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	107207	0	KED
⌈	**Co**	**59**	**0.200**	ug/L	0.008	4	3	1317	4	KED
⌈	**Ni**	**60**	**0.500**	ug/L	0.025	5	19	976	5	KED
⌈	**Ni**	**62**	**0.500**	ug/L	0.094	18	3	178	18	KED
⌈	**Cu**	**63**	**0.500**	ug/L	0.011	2	76	2954	2	KED
⌈	**Cu**	**65**	**0.500**	ug/L	0.006	1	36	1420	0	KED
⌈	**Zn**	**66**	**6.000**	ug/L	0.086	1	35	5236	1	KED
⌈	**Zn**	**67**	**6.000**	ug/L	0.229	3	9	815	4	KED
⌈	**As**	**75**	**0.200**	ug/L	0.008	3	5	87	4	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.030	6	17	31	3	KED
	Y	**89**		ug/L			797774	804035	2	Standard
	Kr	**83**		ug/L			368	360	4	Standard
⌈>	**In-1**	**115**		ug/L			31030	31309	1	KED
⌈	**Mo**	**98**	**0.200**	ug/L	0.013	6	32	426	7	KED
⌈	**Cd**	**111**	**0.100**	ug/L	0.015	14	3	51	14	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.006	6	3	130	8	KED
⌈>	**In**	**115**		ug/L			1398199	1417244	2	Standard
⌈	**Ag**	**107**	**0.200**	ug/L	0.005	2	89	4347	1	Standard
⌈	**Ba**	**135**	**0.500**	ug/L	0.011	2	25	4226	2	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.007	1	38	7581	1	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2733256	1	Standard
⌈	**Tl**	**205**	**0.200**	ug/L	0.002	1	160	20611	2	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.001	1	501	15321	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:25:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1367942	0	Standard
⌊	**Be**	**9**	**10.000**	ug/L	0.265	2	5	84084	3	Standard
	C	**13**		ug/L			26820	32797	0	Standard
	Cl	**37**		ug/L			8490587	8960175	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1445772	1	Standard
⌈	**Na**	**23**	**1000.153**	ug/L	8.578	0	14812	27477215	2	Standard
⌈	**Mg**	**24**	**1000.009**	ug/L	13.835	1	2714	32551545	0	Standard
⌈	**Al**	**27**	**1000.002**	ug/L	6.798	0	4093	30100198	1	Standard
⌈	**K**	**39**	**1000.015**	ug/L	12.752	1	1124156	32496720	2	Standard
⌈	**Ca**	**44**	**1000.020**	ug/L	6.380	0	18718	1298914	0	Standard
⌈	**V**	**51**	**10.000**	ug/L	0.112	1	7142	350382	1	Standard
⌈	**V-1**	**51**	**10.000**	ug/L	0.072	0	449	348635	1	Standard
⌈	**Cr**	**52**	**10.000**	ug/L	0.056	0	21146	325768	0	Standard
⌈	**Cr**	**53**	**10.000**	ug/L	0.107	1	248	36253	1	Standard
⌈	**Fe**	**54**	**1000.032**	ug/L	8.460	0	98444	3090132	1	Standard
⌈	**Fe**	**57**	**1000.015**	ug/L	2.931	0	26183	1071227	1	Standard
⌊	**Mn**	**55**	**10.000**	ug/L	0.023	0	711	467132	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	106741	0	KED
⌈	**Co**	**59**	**10.000**	ug/L	0.057	0	3	68859	1	KED
⌈	**Ni**	**60**	**10.001**	ug/L	0.074	0	19	19765	0	KED
⌈	**Ni**	**62**	**9.998**	ug/L	0.292	2	3	3202	3	KED
⌈	**Cu**	**63**	**10.000**	ug/L	0.048	0	76	57278	1	KED
⌈	**Cu**	**65**	**10.001**	ug/L	0.081	0	36	28959	0	KED
⌈	**Zn**	**66**	**10.026**	ug/L	0.214	2	35	8750	1	KED
⌈	**Zn**	**67**	**10.155**	ug/L	0.714	7	9	1429	7	KED
⌈	**As**	**75**	**10.000**	ug/L	0.159	1	5	4143	0	KED
⌊	**Se**	**78**	**10.012**	ug/L	0.177	1	17	522	1	KED
	Y	**89**		ug/L			797774	825554	2	Standard
	Kr	**83**		ug/L			368	338	9	Standard
⌈>	**In-1**	**115**		ug/L			31030	31247	0	KED
⌈	**Mo**	**98**	**10.000**	ug/L	0.087	0	32	20553	1	KED
⌈	**Cd**	**111**	**10.000**	ug/L	0.227	2	3	5050	1	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.224	2	3	13078	2	KED
⌈>	**In**	**115**		ug/L			1398199	1442448	1	Standard
⌈	**Ag**	**107**	**10.000**	ug/L	0.090	0	89	221927	0	Standard
⌈	**Ba**	**135**	**9.999**	ug/L	0.162	1	25	83835	0	Standard
⌊	**Ba**	**137**	**9.999**	ug/L	0.075	0	38	150174	0	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2790585	0	Standard
⌈	**Tl**	**205**	**10.000**	ug/L	0.119	1	160	1071854	0	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.123	1	501	1419630	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:30:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1336713	2	Standard
	Be	**9**	**20.033**	ug/L	0.278	1	5	165640	1	Standard
	C	**13**		ug/L			26820	31910	1	Standard
	Cl	**37**		ug/L			8490587	9017211	0	Standard
>	**Sc**	**45**		ug/L			1401124	1441274	0	Standard
	Na	**23**	**1986.480**	ug/L	25.131	1	14812	52967548	1	Standard
	Mg	**24**	**1997.143**	ug/L	17.427	0	2714	64442659	0	Standard
	Al	**27**	**1988.815**	ug/L	27.691	1	4093	58365820	1	Standard
	K	**39**	**1994.591**	ug/L	16.919	0	1124156	62794405	1	Standard
	Ca	**44**	**1999.715**	ug/L	32.513	1	18718	2568699	1	Standard
	V	**51**	**19.973**	ug/L	0.147	0	7142	686593	0	Standard
	V-1	**51**	**19.959**	ug/L	0.127	0	449	687582	0	Standard
	Cr	**52**	**19.972**	ug/L	0.151	0	21146	623609	0	Standard
	Cr	**53**	**19.930**	ug/L	0.115	0	248	70784	0	Standard
	Fe	**54**	**1993.610**	ug/L	28.702	1	98444	5965514	1	Standard
	Fe	**57**	**2006.417**	ug/L	19.750	0	26183	2142637	0	Standard
	Mn	**55**	**19.940**	ug/L	0.089	0	711	916948	0	Standard
>	**Ge**	**72**		ug/L			104395	105686	0	KED
	Co	**59**	**19.995**	ug/L	0.292	1	3	136184	1	KED
	Ni	**60**	**19.948**	ug/L	0.225	1	19	38610	0	KED
	Ni	**62**	**20.054**	ug/L	0.416	2	3	6425	1	KED
	Cu	**63**	**19.941**	ug/L	0.161	0	76	111692	0	KED
	Cu	**65**	**19.882**	ug/L	0.221	1	36	55658	1	KED
	Zn	**66**	**20.107**	ug/L	0.275	1	35	17615	1	KED
	Zn	**67**	**20.210**	ug/L	0.587	2	9	2896	3	KED
	As	**75**	**19.951**	ug/L	0.121	0	5	8100	0	KED
	Se	**78**	**19.764**	ug/L	0.262	1	17	960	1	KED
	Y	**89**		ug/L			797774	807629	1	Standard
	Kr	**83**		ug/L			368	383	6	Standard
>	**In-1**	**115**		ug/L			31030	30889	1	KED
	Mo	**98**	**19.953**	ug/L	0.566	2	32	40127	2	KED
	Cd	**111**	**19.981**	ug/L	0.137	0	3	9933	0	KED
	Cd	**114**	**19.955**	ug/L	0.430	2	3	25557	1	KED
>	**In**	**115**		ug/L			1398199	1407183	0	Standard
	Ag	**107**	**19.958**	ug/L	0.172	0	89	428470	1	Standard
	Ba	**135**	**20.136**	ug/L	0.095	0	25	169296	0	Standard
	Ba	**137**	**20.101**	ug/L	0.181	0	38	300521	0	Standard
>	**Tb**	**159**		ug/L			2712647	2768430	0	Standard
	Tl	**205**	**19.910**	ug/L	0.171	0	160	2079515	0	Standard
	Pb	**208**	**19.993**	ug/L	0.195	0	501	2811254	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:36:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1302100	1307923	1	Standard
	Be	9	50.084	ug/L	0.449	0	5	408672	0	Standard
	C	13		ug/L			26820	27357	1	Standard
	Cl	37		ug/L			8490587	9227961	0	Standard
>	Sc	45		ug/L			1401124	1400571	1	Standard
	Na	23	5010.846	ug/L	54.414	1	14812	131223518	0	Standard
	Mg	24	5002.368	ug/L	95.436	1	2714	157197457	0	Standard
	Al	27	5006.356	ug/L	54.059	1	4093	143665498	0	Standard
	K	39	5018.304	ug/L	81.063	1	1124156	154634892	2	Standard
	Ca	44	5003.193	ug/L	70.665	1	18718	6236369	0	Standard
	V	51	50.279	ug/L	0.626	1	7142	1716390	1	Standard
	V-1	51	50.257	ug/L	0.506	1	449	1725993	0	Standard
	Cr	52	50.091	ug/L	0.732	1	21146	1501392	1	Standard
	Cr	53	50.027	ug/L	0.833	1	248	172728	0	Standard
	Fe	54	5005.671	ug/L	47.097	0	98444	14487400	0	Standard
	Fe	57	5005.987	ug/L	29.202	0	26183	5186380	0	Standard
	Mn	55	50.022	ug/L	0.371	0	711	2239085	0	Standard
>	Ge	72		ug/L			104395	103810	0	KED
	Co	59	49.957	ug/L	0.539	1	3	332788	0	KED
	Ni	60	49.964	ug/L	0.269	0	19	94625	0	KED
	Ni	62	49.904	ug/L	0.550	1	3	15552	0	KED
	Cu	63	49.959	ug/L	0.244	0	76	273619	0	KED
	Cu	65	49.839	ug/L	0.360	0	36	134817	0	KED
	Zn	66	49.671	ug/L	0.488	0	35	41426	1	KED
	Zn	67	49.601	ug/L	0.747	1	9	6717	1	KED
	As	75	50.026	ug/L	0.395	0	5	19995	0	KED
	Se	78	50.108	ug/L	0.521	1	17	2390	1	KED
	Y	89		ug/L			797774	794096	0	Standard
	Kr	83		ug/L			368	363	11	Standard
>	In-1	115		ug/L			31030	29962	1	KED
	Mo	98	50.314	ug/L	0.806	1	32	101276	0	KED
	Cd	111	50.151	ug/L	0.856	1	3	24545	0	KED
	Cd	114	50.098	ug/L	0.757	1	3	62852	0	KED
>	In	115		ug/L			1398199	1385516	2	Standard
	Ag	107	49.956	ug/L	0.746	1	89	1050988	0	Standard
	Ba	135	50.035	ug/L	0.404	0	25	415577	1	Standard
	Ba	137	50.032	ug/L	0.936	1	38	738657	0	Standard
>	Tb	159		ug/L			2712647	2712467	0	Standard
	Tl	205	49.806	ug/L	0.747	1	160	4999777	1	Standard
	Pb	208	49.824	ug/L	0.740	1	501	6744657	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:42:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1274701	0	Standard
	Be	**9**	**100.233**	ug/L	0.790	0	5	803385	1	Standard
	C	**13**		ug/L			26820	32083	1	Standard
	Cl	**37**		ug/L			8490587	9158850	0	Standard
>	**Sc**	**45**		ug/L			1401124	1354934	2	Standard
	Na	**23**	**10022.229**	ug/L	164.148	1	14812	255750464	0	Standard
	Mg	**24**	**9979.949**	ug/L	122.459	1	2714	301388576	1	Standard
	Al	**27**	**10024.277**	ug/L	248.953	2	4093	280474632	0	Standard
	K	**39**	**10009.357**	ug/L	25.547	0	1124156	298227330	2	Standard
	Ca	**44**	**9992.735**	ug/L	183.078	1	18718	12001154	0	Standard
	V	**51**	**100.012**	ug/L	1.126	1	7142	3297101	1	Standard
	V-1	**51**	**100.004**	ug/L	1.235	1	449	3322373	1	Standard
	Cr	**52**	**100.220**	ug/L	0.762	0	21146	2906605	1	Standard
	Cr	**53**	**100.189**	ug/L	1.008	1	248	336528	1	Standard
	Fe	**54**	**9992.061**	ug/L	229.309	2	98444	27801454	0	Standard
	Fe	**57**	**9980.511**	ug/L	118.341	1	26183	9912698	1	Standard
	Mn	**55**	**99.909**	ug/L	0.380	0	711	4312714	1	Standard
>	**Ge**	**72**		ug/L			104395	99568	1	KED
	Co	**59**	**100.121**	ug/L	0.753	0	3	642297	1	KED
	Ni	**60**	**99.980**	ug/L	0.793	0	19	181480	1	KED
	Ni	**62**	**99.609**	ug/L	1.564	1	3	29392	2	KED
	Cu	**63**	**99.736**	ug/L	1.448	1	76	519348	2	KED
	Cu	**65**	**99.901**	ug/L	0.789	0	36	258306	1	KED
	Zn	**66**	**99.675**	ug/L	2.503	2	35	78869	3	KED
	Zn	**67**	**99.859**	ug/L	3.886	3	9	12903	4	KED
	As	**75**	**100.419**	ug/L	1.514	1	5	39040	2	KED
	Se	**78**	**99.599**	ug/L	2.287	2	17	4481	3	KED
	Y	**89**		ug/L			797774	767548	0	Standard
	Kr	**83**		ug/L			368	347	4	Standard
>	**In-1**	**115**		ug/L			31030	29281	0	KED
	Mo	**98**	**100.396**	ug/L	0.491	0	32	200132	0	KED
	Cd	**111**	**99.660**	ug/L	0.617	0	3	47139	0	KED
	Cd	**114**	**100.047**	ug/L	1.187	1	3	122871	1	KED
>	**In**	**115**		ug/L			1398199	1339540	3	Standard
	Ag	**107**	**99.758**	ug/L	1.772	1	89	2012401	1	Standard
	Ba	**135**	**100.707**	ug/L	2.780	2	25	827758	0	Standard
	Ba	**137**	**100.923**	ug/L	3.619	3	38	1485554	1	Standard
>	**Tb**	**159**		ug/L			2712647	2715062	0	Standard
	Tl	**205**	**99.452**	ug/L	0.344	0	160	9814201	0	Standard
	Pb	**208**	**98.650**	ug/L	0.429	0	501	12791753	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:50:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1306642	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	176	5	6	31	Standard
	C	**13**		ug/L			26820	26239	2	Standard
	Cl	**37**		ug/L			8490587	8720252	1	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1388868	0	Standard
⌈	**Na**	**23**	**0.367**	ug/L	0.017	4	14812	24284	1	Standard
⌈	**Mg**	**24**	**0.033**	ug/L	0.001	3	2714	3706	0	Standard
⌈	**Al**	**27**	**0.036**	ug/L	0.008	22	4093	5090	4	Standard
⌈	**K**	**39**	**2.213**	ug/L	0.638	28	1124156	1181583	1	Standard
⌈	**Ca**	**44**	**-1.703**	ug/L	0.189	11	18718	16460	1	Standard
⌈	**V**	**51**	**-0.004**	ug/L	0.001	15	7142	6928	0	Standard
⌈	**V-1**	**51**	**0.000**	ug/L	0.000	313	449	448	2	Standard
⌈	**Cr**	**52**	**-0.018**	ug/L	0.006	34	21146	20416	1	Standard
⌈	**Cr**	**53**	**-0.004**	ug/L	0.007	184	248	234	9	Standard
⌈	**Fe**	**54**	**-0.139**	ug/L	0.556	399	98444	97180	0	Standard
⌈	**Fe**	**57**	**-5.561**	ug/L	0.542	9	26183	20306	2	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	46	711	734	2	Standard
⌈>	**Ge**	**72**		ug/L			104395	102614	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	102	3	1	100	KED
⌈	**Ni**	**60**	**-0.003**	ug/L	0.004	111	19	13	49	KED
⌈	**Ni**	**62**	**0.006**	ug/L	0.013	200	3	5	78	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.004	131	76	90	21	KED
⌈	**Cu**	**65**	**0.007**	ug/L	0.002	29	36	54	11	KED
⌈	**Zn**	**66**	**0.007**	ug/L	0.011	158	35	40	21	KED
⌈	**Zn**	**67**	**-0.027**	ug/L	0.029	107	9	5	66	KED
⌈	**As**	**75**	**0.007**	ug/L	0.006	86	5	7	30	KED
⌊	**Se**	**78**	**-0.042**	ug/L	0.054	127	17	15	15	KED
	Y	**89**		ug/L			797774	784026	1	Standard
	Kr	**83**		ug/L			368	375	4	Standard
⌈>	**In-1**	**115**		ug/L			31030	30342	0	KED
⌈	**Mo**	**98**	**0.042**	ug/L	0.002	5	32	119	3	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.003	123	3	2	57	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	162	3	4	48	KED
⌈>	**In**	**115**		ug/L			1398199	1381791	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	40	89	130	12	Standard
⌈	**Ba**	**135**	**0.000**	ug/L	0.001	241	25	28	29	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.000	54	38	48	12	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2651096	0	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	17	160	419	11	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	33	501	669	9	Standard

Sample Information

Sample Date/Time: Monday, June 28, 2021 14:42:50
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**1.0000**	0.006	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
Na	23	**1.0000**	0.019	100.00	1000	2000	5000	10000
Mg	24	**1.0000**	0.022	20.00	1000	2000	5000	10000
Al	27	**1.0000**	0.021	20.00	1000	2000	5000	10000
K	39	**1.0000**	0.022	20.00	1000	2000	5000	10000
Ca	44	**1.0000**	0.001	50.00	1000	2000	5000	10000
V	51	**1.0000**	0.024	0.20	10	20	50	100
V-1	51	**1.0000**	0.025	0.20	10	20	50	100
Cr	52	**1.0000**	0.021	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Fe	54	**1.0000**	0.002	36.00	1000	2000	5000	10000
Fe	57	**1.0000**	0.001	36.00	1000	2000	5000	10000
Mn	55	**1.0000**	0.032	0.50	10	20	50	100
Ge	72							
Co	59	**1.0000**	0.064	0.20	10	20	50	100
Ni	60	**1.0000**	0.018	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.052	0.50	10	20	50	100
Cu	65	**1.0000**	0.026	0.50	10	20	50	100
Zn	66	**1.0000**	0.008	6.00	10	20	50	100
Zn	67	**1.0000**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.004	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**1.0000**	0.068	0.20	10	20	50	100
Cd	111	**1.0000**	0.016	0.10	10	20	50	100
Cd	114	**1.0000**	0.042	0.10	10	20	50	100
In	115							
Ag	107	**1.0000**	0.015	0.20	10	20	50	100
Ba	135	**0.9999**	0.006	0.50	10	20	50	100
Ba	137	**0.9999**	0.011	0.50	10	20	50	100
Tb	159							
Tl	205	**0.9999**	0.036	0.20	10	20	50	100
Pb	208	**0.9997**	0.048	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:56:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1334615	0	Standard
⌊	**Be**	**9**	**47.604**	ug/L	0.537	1	5	399479	0	Standard
	C	**13**		ug/L			26820	30465	1	Standard
	Cl	**37**		ug/L			8490587	9179104	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1423692	0	Standard
⌈	**Na**	**23**	**4794.696**	ug/L	32.306	0	14812	128606259	1	Standard
⌈	**Mg**	**24**	**4769.766**	ug/L	65.905	1	2714	151372457	1	Standard
⌈	**Al**	**27**	**4811.335**	ug/L	45.662	0	4093	141510707	1	Standard
⌈	**K**	**39**	**4758.848**	ug/L	32.639	0	1124156	149582533	1	Standard
⌈	**Ca**	**44**	**4723.518**	ug/L	30.251	0	18718	5972305	1	Standard
⌈	**V**	**51**	**48.671**	ug/L	0.427	0	7142	1690009	1	Standard
⌈	**V-1**	**51**	**48.785**	ug/L	0.120	0	449	1703505	1	Standard
⌈	**Cr**	**52**	**48.689**	ug/L	0.940	1	21146	1495102	2	Standard
⌈	**Cr**	**53**	**49.049**	ug/L	0.237	0	248	173262	0	Standard
⌈	**Fe**	**54**	**4827.200**	ug/L	49.429	1	98444	14169893	1	Standard
⌈	**Fe**	**57**	**4793.334**	ug/L	38.373	0	26183	5017125	1	Standard
⌊	**Mn**	**55**	**49.158**	ug/L	0.290	0	711	2230051	0	Standard
⌈>	**Ge**	**72**		ug/L			104395	101370	1	KED
⌈	**Co**	**59**	**50.852**	ug/L	0.935	1	3	332065	0	KED
⌈	**Ni**	**60**	**50.616**	ug/L	1.106	2	19	93519	0	KED
⌈	**Ni**	**62**	**50.327**	ug/L	0.609	1	3	15117	0	KED
⌈	**Cu**	**63**	**51.129**	ug/L	0.649	1	76	271028	0	KED
⌈	**Cu**	**65**	**50.923**	ug/L	0.566	1	36	134056	1	KED
⌈	**Zn**	**66**	**49.039**	ug/L	0.049	0	35	39516	1	KED
⌈	**Zn**	**67**	**49.575**	ug/L	0.674	1	9	6525	2	KED
⌈	**As**	**75**	**48.837**	ug/L	0.071	0	5	19331	1	KED
⌊	**Se**	**78**	**77.894**	ug/L	0.875	1	17	3570	0	KED
	Y	**89**		ug/L			797774	786342	1	Standard
	Kr	**83**		ug/L			368	374	14	Standard
⌈>	**In-1**	**115**		ug/L			31030	29933	0	KED
⌈	**Mo**	**98**	**48.649**	ug/L	0.242	0	32	99153	0	KED
⌈	**Cd**	**111**	**49.052**	ug/L	0.562	1	3	23720	1	KED
⌊	**Cd**	**114**	**48.930**	ug/L	0.266	0	3	61432	0	KED
⌈>	**In**	**115**		ug/L			1398199	1347355	2	Standard
⌈	**Ag**	**107**	**50.398**	ug/L	0.659	1	89	1022893	1	Standard
⌈	**Ba**	**135**	**49.519**	ug/L	1.120	2	25	409528	0	Standard
⌊	**Ba**	**137**	**49.243**	ug/L	0.278	0	38	729578	1	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2706512	1	Standard
⌈	**Tl**	**205**	**50.021**	ug/L	0.125	0	160	4920807	1	Standard
⌊	**Pb**	**208**	**51.238**	ug/L	0.653	1	501	6622468	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:04:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1309732	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	234	5	6	41	Standard
	C	**13**		ug/L			26820	26117	1	Standard
	Cl	**37**		ug/L			8490587	8621398	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1379542	0	Standard
⌈	**Na**	**23**	**0.131**	ug/L	0.011	8	14812	17984	1	Standard
⌈	**Mg**	**24**	**0.016**	ug/L	0.001	9	2714	3161	1	Standard
⌈	**Al**	**27**	**0.018**	ug/L	0.005	27	4093	4533	3	Standard
⌈	**K**	**39**	**1.875**	ug/L	0.332	17	1124156	1163530	1	Standard
⌈	**Ca**	**44**	**-2.513**	ug/L	0.125	4	18718	15360	0	Standard
⌈	**V**	**51**	**-0.006**	ug/L	0.004	63	7142	6839	1	Standard
⌈	**V-1**	**51**	**0.001**	ug/L	0.001	130	449	460	4	Standard
⌈	**Cr**	**52**	**-0.025**	ug/L	0.007	29	21146	20083	1	Standard
⌈	**Cr**	**53**	**-0.005**	ug/L	0.008	165	248	229	11	Standard
⌈	**Fe**	**54**	**-0.552**	ug/L	0.322	58	98444	95366	0	Standard
⌈	**Fe**	**57**	**-5.377**	ug/L	0.198	3	26183	20356	1	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	127	711	708	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	102459	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.000	115	3	6	45	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.003	220	19	16	40	KED
⌈	**Ni**	**62**	**0.002**	ug/L	0.011	504	3	3	86	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.002	283	76	78	13	KED
⌈	**Cu**	**65**	**-0.000**	ug/L	0.005	30043	36	36	41	KED
⌈	**Zn**	**66**	**0.009**	ug/L	0.025	280	35	41	46	KED
⌈	**Zn**	**67**	**-0.018**	ug/L	0.023	130	9	6	41	KED
⌈	**As**	**75**	**0.003**	ug/L	0.003	85	5	6	17	KED
⌊	**Se**	**78**	**-0.071**	ug/L	0.032	45	17	13	8	KED
	Y	**89**		ug/L			797774	778425	0	Standard
	Kr	**83**		ug/L			368	355	9	Standard
⌈>	**In-1**	**115**		ug/L			31030	30734	0	KED
⌈	**Mo**	**98**	**0.020**	ug/L	0.009	44	32	72	24	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.001	146	3	4	13	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	84	3	2	50	KED
⌈>	**In**	**115**		ug/L			1398199	1347671	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	69	89	103	14	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	169	25	29	26	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.000	135	38	38	5	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2664513	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	15	160	369	9	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	15	501	537	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:08:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1317287	1	Standard
	Be	**9**	**49.121**	ug/L	0.278	0	5	406888	1	Standard
	C	**13**		ug/L			26820	26025	1	Standard
	Cl	**37**		ug/L			8490587	9118954	0	Standard
>	**Sc**	**45**		ug/L			1401124	1383353	0	Standard
	Na	**23**	**4958.164**	ug/L	31.866	0	14812	129215561	0	Standard
	Mg	**24**	**4920.671**	ug/L	50.169	1	2714	151744335	1	Standard
	Al	**27**	**4916.357**	ug/L	96.918	1	4093	140494755	1	Standard
	K	**39**	**4899.197**	ug/L	142.792	2	1124156	149587276	2	Standard
	Ca	**44**	**4890.044**	ug/L	43.302	0	18718	6007018	0	Standard
	V	**51**	**50.094**	ug/L	0.709	1	7142	1689845	1	Standard
	V-1	**51**	**49.915**	ug/L	0.717	1	449	1693566	1	Standard
	Cr	**52**	**49.443**	ug/L	0.439	0	21146	1474763	0	Standard
	Cr	**53**	**48.898**	ug/L	0.473	0	248	167838	0	Standard
	Fe	**54**	**4935.401**	ug/L	41.700	0	98444	14073936	0	Standard
	Fe	**57**	**4886.009**	ug/L	71.212	1	26183	4968590	1	Standard
	Mn	**55**	**49.390**	ug/L	0.556	1	711	2177177	1	Standard
>	**Ge**	**72**		ug/L			104395	101005	2	KED
	Co	**59**	**50.313**	ug/L	1.543	3	3	327258	1	KED
	Ni	**60**	**50.896**	ug/L	1.628	3	19	93669	0	KED
	Ni	**62**	**50.643**	ug/L	1.647	3	3	15151	1	KED
	Cu	**63**	**51.167**	ug/L	1.482	2	76	270184	1	KED
	Cu	**65**	**50.812**	ug/L	1.398	2	36	133233	0	KED
	Zn	**66**	**51.303**	ug/L	1.656	3	35	41167	0	KED
	Zn	**67**	**50.820**	ug/L	0.585	1	9	6663	1	KED
	As	**75**	**50.096**	ug/L	1.678	3	5	19746	0	KED
	Se	**78**	**50.040**	ug/L	0.672	1	17	2291	2	KED
	Y	**89**		ug/L			797774	781990	0	Standard
	Kr	**83**		ug/L			368	372	3	Standard
>	**In-1**	**115**		ug/L			31030	29628	2	KED
	Mo	**98**	**49.410**	ug/L	1.200	2	32	99641	0	KED
	Cd	**111**	**49.480**	ug/L	1.316	2	3	23673	0	KED
	Cd	**114**	**49.368**	ug/L	0.650	1	3	61338	1	KED
>	**In**	**115**		ug/L			1398199	1343560	1	Standard
	Ag	**107**	**51.305**	ug/L	1.558	3	89	1038263	1	Standard
	Ba	**135**	**49.079**	ug/L	1.153	2	25	404809	1	Standard
	Ba	**137**	**49.571**	ug/L	1.408	2	38	732274	1	Standard
>	**Tb**	**159**		ug/L			2712647	2665480	1	Standard
	Tl	**205**	**49.841**	ug/L	0.562	1	160	4828284	1	Standard
	Pb	**208**	**51.469**	ug/L	0.309	0	501	6551830	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:16:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1338237	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	366	5	5	57	Standard
	C	**13**		ug/L			26820	26580	0	Standard
	Cl	**37**		ug/L			8490587	8621279	1	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1379109	2	Standard
⌈	**Na**	**23**	**0.106**	ug/L	0.016	15	14812	17322	0	Standard
⌈	**Mg**	**24**	**0.011**	ug/L	0.002	16	2714	3021	2	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.004	24	4093	4462	4	Standard
⌈	**K**	**39**	**1.506**	ug/L	0.820	54	1124156	1151559	0	Standard
⌈	**Ca**	**44**	**-3.201**	ug/L	0.355	11	18718	14508	0	Standard
⌈	**V**	**51**	**-0.011**	ug/L	0.007	64	7142	6653	1	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	43	449	415	0	Standard
⌈	**Cr**	**52**	**-0.042**	ug/L	0.025	59	21146	19574	1	Standard
⌈	**Cr**	**53**	**-0.008**	ug/L	0.003	41	248	217	4	Standard
⌈	**Fe**	**54**	**-0.496**	ug/L	0.620	124	98444	95474	1	Standard
⌈	**Fe**	**57**	**-5.318**	ug/L	0.443	8	26183	20402	1	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	158	711	712	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	100738	1	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	2453	3	3	86	KED
⌈	**Ni**	**60**	**-0.003**	ug/L	0.004	144	19	13	51	KED
⌈	**Ni**	**62**	**0.007**	ug/L	0.024	352	3	5	141	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.001	55	76	83	6	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.001	34	36	41	4	KED
⌈	**Zn**	**66**	**0.004**	ug/L	0.013	312	35	37	26	KED
⌈	**Zn**	**67**	**-0.017**	ug/L	0.018	104	9	6	31	KED
⌈	**As**	**75**	**0.000**	ug/L	0.003	527	5	5	18	KED
⌊	**Se**	**78**	**-0.013**	ug/L	0.060	461	17	16	15	KED
	Y	**89**		ug/L			797774	782031	0	Standard
	Kr	**83**		ug/L			368	349	4	Standard
⌈>	**In-1**	**115**		ug/L			31030	30052	0	KED
⌈	**Mo**	**98**	**0.024**	ug/L	0.007	30	32	80	18	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.010	281	3	5	88	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	84	3	5	34	KED
⌈>	**In**	**115**		ug/L			1398199	1364828	2	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	171	89	91	5	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	115	25	29	18	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.000	23	38	32	5	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2619559	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	5	160	392	3	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	81	501	538	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:25:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1344111	0	Standard
	Be	**9**	**0.188**	ug/L	0.009	4	5	1594	5	Standard
	C	**13**		ug/L			26820	32292	0	Standard
	Cl	**37**		ug/L			8490587	8462355	0	Standard
>	**Sc**	**45**		ug/L			1401124	1397743	1	Standard
	Na	**23**	**96.724**	ug/L	1.384	1	14812	2561675	2	Standard
	Mg	**24**	**19.614**	ug/L	0.180	0	2714	613814	1	Standard
	Al	**27**	**19.605**	ug/L	0.077	0	4093	570145	0	Standard
	K	**39**	**20.154**	ug/L	0.715	3	1124156	1738612	1	Standard
	Ca	**44**	**45.045**	ug/L	0.486	1	18718	74408	1	Standard
	V	**51**	**0.189**	ug/L	0.005	2	7142	13534	2	Standard
	V-1	**51**	**0.191**	ug/L	0.002	1	449	7011	2	Standard
	Cr	**52**	**0.467**	ug/L	0.002	0	21146	34978	1	Standard
	Cr	**53**	**0.467**	ug/L	0.018	3	248	1866	3	Standard
	Fe	**54**	**34.547**	ug/L	0.194	0	98444	197056	1	Standard
	Fe	**57**	**31.263**	ug/L	0.101	0	26183	58074	1	Standard
	Mn	**55**	**0.502**	ug/L	0.004	0	711	23084	2	Standard
>	**Ge**	**72**		ug/L			104395	102579	3	KED
	Co	**59**	**0.197**	ug/L	0.009	4	3	1303	3	KED
	Ni	**60**	**0.480**	ug/L	0.026	5	19	916	2	KED
	Ni	**62**	**0.439**	ug/L	0.021	4	3	136	4	KED
	Cu	**63**	**0.500**	ug/L	0.010	1	76	2758	3	KED
	Cu	**65**	**0.503**	ug/L	0.012	2	36	1376	2	KED
	Zn	**66**	**5.850**	ug/L	0.289	4	35	4802	6	KED
	Zn	**67**	**5.592**	ug/L	0.255	4	9	752	1	KED
	As	**75**	**0.183**	ug/L	0.019	10	5	78	10	KED
	Se	**78**	**0.391**	ug/L	0.039	9	17	35	2	KED
	Y	**89**		ug/L			797774	793512	1	Standard
	Kr	**83**		ug/L			368	321	8	Standard
>	**In-1**	**115**		ug/L			31030	30729	1	KED
	Mo	**98**	**0.194**	ug/L	0.014	6	32	438	6	KED
	Cd	**111**	**0.092**	ug/L	0.007	8	3	49	6	KED
	Cd	**114**	**0.101**	ug/L	0.006	5	3	133	5	KED
>	**In**	**115**		ug/L			1398199	1401252	0	Standard
	Ag	**107**	**0.202**	ug/L	0.008	4	89	4353	4	Standard
	Ba	**135**	**0.460**	ug/L	0.006	1	25	3983	0	Standard
	Ba	**137**	**0.461**	ug/L	0.011	2	38	7138	2	Standard
>	**Tb**	**159**		ug/L			2712647	2661521	0	Standard
	Tl	**205**	**0.205**	ug/L	0.001	0	160	19986	0	Standard
	Pb	**208**	**0.107**	ug/L	0.001	0	501	14058	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:30:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1410318	0	Standard
	Be	**9**	**-0.000**	ug/L	0.001	526	5	5	114	Standard
	C	**13**		ug/L			26820	175281	1	Standard
	Cl	**37**		ug/L			8490587	18924145	2	Standard
>	**Sc**	**45**		ug/L			1401124	1600178	0	Standard
	Na	**23**	**18790.414**	ug/L	200.397	1	14812	566437610	1	Standard
	Mg	**24**	**18546.174**	ug/L	206.307	1	2714	661533595	0	Standard
	Al	**27**	**18957.213**	ug/L	187.418	0	4093	626627571	0	Standard
	K	**39**	**17009.394**	ug/L	91.777	0	1124156	597616366	1	Standard
	Ca	**44**	**19426.687**	ug/L	234.690	1	18718	27540070	0	Standard
	V	**51**	**-0.020**	ug/L	0.013	65	7142	7363	6	Standard
	V-1	**51**	**3.109**	ug/L	0.040	1	449	122513	1	Standard
	Cr	**52**	**0.536**	ug/L	0.029	5	21146	42398	2	Standard
	Cr	**53**	**10.425**	ug/L	0.116	1	248	41615	1	Standard
	Fe	**54**	**19882.678**	ug/L	72.311	0	98444	65243646	0	Standard
	Fe	**57**	**20921.098**	ug/L	108.752	0	26183	24511757	1	Standard
	Mn	**55**	**0.119**	ug/L	0.004	3	711	6892	3	Standard
>	**Ge**	**72**		ug/L			104395	98905	1	KED
	Co	**59**	**0.039**	ug/L	0.002	6	3	254	4	KED
	Ni	**60**	**0.066**	ug/L	0.010	14	19	137	14	KED
	Ni	**62**	**0.177**	ug/L	0.049	27	3	54	24	KED
	Cu	**63**	**0.066**	ug/L	0.003	4	76	415	1	KED
	Cu	**65**	**0.078**	ug/L	0.008	10	36	234	9	KED
	Zn	**66**	**0.424**	ug/L	0.017	4	35	366	3	KED
	Zn	**67**	**0.256**	ug/L	0.074	28	9	41	22	KED
	As	**75**	**0.019**	ug/L	0.004	21	5	12	11	KED
	Se	**78**	**0.048**	ug/L	0.087	180	17	18	19	KED
	Y	**89**		ug/L			797774	821913	1	Standard
	Kr	**83**		ug/L			368	449	6	Standard
>	**In-1**	**115**		ug/L			31030	29270	0	KED
	Mo	**98**	**393.217**	ug/L	5.134	1	32	783432	0	KED
	Cd	**111**	**0.078**	ug/L	0.006	8	3	40	7	KED
	Cd	**114**	**0.070**	ug/L	0.004	5	3	89	6	KED
>	**In**	**115**		ug/L			1398199	1484387	2	Standard
	Ag	**107**	**0.004**	ug/L	0.001	15	89	175	6	Standard
	Ba	**135**	**0.043**	ug/L	0.005	11	25	419	8	Standard
	Ba	**137**	**0.041**	ug/L	0.002	4	38	711	4	Standard
>	**Tb**	**159**		ug/L			2712647	2822219	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	5	160	389	1	Standard
	Pb	**208**	**0.019**	ug/L	0.000	2	501	3094	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 15:35:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1394942	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	30	5	13	15	Standard
	C	**13**		ug/L			26820	173621	1	Standard
	Cl	**37**		ug/L			8490587	18524714	1	Standard
[>	**Sc**	**45**		ug/L			1401124	1644675	0	Standard
[	**Na**	**23**	**18094.799**	ug/L	165.604	0	14812	560596912	0	Standard
[	**Mg**	**24**	**18179.856**	ug/L	45.357	0	2714	666524197	0	Standard
[	**Al**	**27**	**18237.428**	ug/L	212.993	1	4093	619622121	1	Standard
[	**K**	**39**	**15971.956**	ug/L	535.185	3	1124156	576881628	3	Standard
[	**Ca**	**44**	**19160.830**	ug/L	21.012	0	18718	27919550	0	Standard
[	**V**	**51**	**-0.162**	ug/L	0.143	88	7142	1916	298	Standard
[	**V-1**	**51**	**3.078**	ug/L	0.031	1	449	124658	1	Standard
[	**Cr**	**52**	**19.806**	ug/L	0.410	2	21146	717265	2	Standard
[	**Cr**	**53**	**29.452**	ug/L	0.452	1	248	120303	1	Standard
[	**Fe**	**54**	**19530.414**	ug/L	200.952	1	98444	65873611	1	Standard
[	**Fe**	**57**	**20801.554**	ug/L	240.919	1	26183	25049660	1	Standard
[	**Mn**	**55**	**19.850**	ug/L	0.183	0	711	1040840	1	Standard
[>	**Ge**	**72**		ug/L			104395	95033	0	KED
[	**Co**	**59**	**20.609**	ug/L	0.133	0	3	126188	0	KED
[	**Ni**	**60**	**20.728**	ug/L	0.349	1	19	35924	1	KED
[	**Ni**	**62**	**20.270**	ug/L	0.172	0	3	5710	0	KED
[	**Cu**	**63**	**19.984**	ug/L	0.167	0	76	99367	0	KED
[	**Cu**	**65**	**20.118**	ug/L	0.123	0	36	49676	0	KED
[	**Zn**	**66**	**19.660**	ug/L	0.389	1	35	14871	2	KED
[	**Zn**	**67**	**17.996**	ug/L	0.567	3	9	2226	3	KED
[	**As**	**75**	**19.443**	ug/L	0.251	1	5	7218	1	KED
[	**Se**	**78**	**0.059**	ug/L	0.086	146	17	18	20	KED
	Y	**89**		ug/L			797774	813727	0	Standard
	Kr	**83**		ug/L			368	476	3	Standard
[>	**In-1**	**115**		ug/L			31030	28372	1	KED
[	**Mo**	**98**	**398.941**	ug/L	3.933	0	32	770406	1	KED
[	**Cd**	**111**	**19.582**	ug/L	0.651	3	3	8973	1	KED
[	**Cd**	**114**	**19.453**	ug/L	0.319	1	3	23147	0	KED
[>	**In**	**115**		ug/L			1398199	1510095	1	Standard
[	**Ag**	**107**	**17.802**	ug/L	0.130	0	89	405064	0	Standard
[	**Ba**	**135**	**0.039**	ug/L	0.002	5	25	390	4	Standard
[	**Ba**	**137**	**0.041**	ug/L	0.004	10	38	718	8	Standard
[>	**Tb**	**159**		ug/L			2712647	2848505	1	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	21	160	365	10	Standard
[	**Pb**	**208**	**0.016**	ug/L	0.000	1	501	2754	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:40:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1245235	2	Standard
[	Be	9	198.977	ug/L	4.201	2	5	1557475	0	Standard
	C	13		ug/L			26820	35054	1	Standard
	Cl	37		ug/L			8490587	9219080	0	Standard
[>	Sc	45		ug/L			1401124	1415002	0	Standard
[	Na	23	18262.048	ug/L	161.017	0	14812	486790011	1	Standard
[	Mg	24	18191.564	ug/L	274.779	1	2714	573795226	1	Standard
[	Al	27	18654.401	ug/L	212.876	1	4093	545270648	1	Standard
[	K	39	18247.343	ug/L	697.294	3	1124156	566769802	3	Standard
[	Ca	44	19214.986	ug/L	91.571	0	18718	24088424	0	Standard
[	V	51	185.447	ug/L	2.354	1	7142	6379226	1	Standard
[	V-1	51	188.409	ug/L	2.679	1	449	6537255	1	Standard
[	Cr	52	184.518	ug/L	1.055	0	21146	5571310	0	Standard
[	Cr	53	193.922	ug/L	1.171	0	248	680095	0	Standard
[	Fe	54	19112.589	ug/L	145.437	0	98444	55462314	0	Standard
[	Fe	57	20099.097	ug/L	321.764	1	26183	20824295	1	Standard
[	Mn	55	186.685	ug/L	0.739	0	711	8415615	0	Standard
[>	Ge	72		ug/L			104395	89168	1	KED
[	Co	59	201.733	ug/L	2.884	1	3	1158866	0	KED
[	Ni	60	196.729	ug/L	2.849	1	19	319732	0	KED
[	Ni	62	197.579	ug/L	3.522	1	3	52199	1	KED
[	Cu	63	194.725	ug/L	1.913	0	76	907885	1	KED
[	Cu	65	195.493	ug/L	1.608	0	36	452627	0	KED
[	Zn	66	191.089	ug/L	0.913	0	35	135354	0	KED
[	Zn	67	190.631	ug/L	1.768	0	9	22050	1	KED
[	As	75	194.806	ug/L	0.629	0	5	67814	0	KED
[	Se	78	193.290	ug/L	0.240	0	17	7773	1	KED
	Y	89		ug/L			797774	735414	0	Standard
	Kr	83		ug/L			368	443	4	Standard
[>	In-1	115		ug/L			31030	26904	1	KED
[	Mo	98	195.391	ug/L	1.660	0	32	357832	0	KED
[	Cd	111	192.516	ug/L	1.418	0	3	83659	0	KED
[	Cd	114	191.137	ug/L	0.976	0	3	215685	1	KED
[>	In	115		ug/L			1398199	1382435	2	Standard
[	Ag	107	174.902	ug/L	2.078	1	89	3642116	1	Standard
[	Ba	135	181.001	ug/L	3.307	1	25	1535863	1	Standard
[	Ba	137	170.514	ug/L	3.938	2	38	2591196	0	Standard
[>	Tb	159		ug/L			2712647	2554656	0	Standard
[	Tl	205	195.568	ug/L	1.116	0	160	18158951	0	Standard
[	Pb	208	195.399	ug/L	1.428	0	501	23839302	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:44:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1222881	1	Standard
[	Be	9	282.580	ug/L	4.025	1	5	2172536	1	Standard
	C	13		ug/L			26820	35101	1	Standard
	Cl	37		ug/L			8490587	8902968	0	Standard
[>	Sc	45		ug/L			1401124	1337872	1	Standard
[	Na	23	28095.294	ug/L	398.433	1	14812	707976290	0	Standard
[	Mg	24	27335.301	ug/L	377.062	1	2714	815125924	0	Standard
[	Al	27	28613.720	ug/L	415.775	1	4093	790681185	0	Standard
[	K	39	27731.390	ug/L	238.432	0	1124156	813918531	1	Standard
[	Ca	44	28826.237	ug/L	754.838	2	18718	34150755	1	Standard
[	V	51	279.881	ug/L	3.249	1	7142	9098611	0	Standard
[	V-1	51	285.046	ug/L	2.807	0	449	9350280	0	Standard
[	Cr	52	280.079	ug/L	3.561	1	21146	7984257	0	Standard
[	Cr	53	296.420	ug/L	2.655	0	248	982703	0	Standard
[	Fe	54	28552.688	ug/L	571.435	2	98444	78278793	0	Standard
[	Fe	57	29925.631	ug/L	492.189	1	26183	29297939	0	Standard
[	Mn	55	281.098	ug/L	3.665	1	711	11978879	0	Standard
[>	Ge	72		ug/L			104395	85842	1	KED
[	Co	59	313.190	ug/L	4.591	1	3	1732016	0	KED
[	Ni	60	302.487	ug/L	2.649	0	19	473284	0	KED
[	Ni	62	298.848	ug/L	1.763	0	3	76015	1	KED
[	Cu	63	293.176	ug/L	2.817	0	76	1315831	0	KED
[	Cu	65	291.466	ug/L	2.228	0	36	649662	0	KED
[	Zn	66	282.442	ug/L	1.674	0	35	192586	0	KED
[	Zn	67	280.198	ug/L	0.631	0	9	31195	1	KED
[	As	75	295.270	ug/L	3.810	1	5	98943	0	KED
[	Se	78	291.226	ug/L	0.609	0	17	11267	1	KED
	Y	89		ug/L			797774	707285	0	Standard
	Kr	83		ug/L			368	536	1	Standard
[>	In-1	115		ug/L			31030	25702	0	KED
[	Mo	98	298.260	ug/L	3.097	1	32	521829	0	KED
[	Cd	111	293.300	ug/L	0.853	0	3	121766	0	KED
[	Cd	114	292.746	ug/L	1.149	0	3	315581	0	KED
[>	In	115		ug/L			1398199	1265759	4	Standard
[	Ag	107	262.463	ug/L	8.907	3	89	4999671	1	Standard
[	Ba	135	279.562	ug/L	11.718	4	25	2169797	0	Standard
[	Ba	137	269.449	ug/L	10.440	3	38	3746119	1	Standard
[>	Tb	159		ug/L			2712647	2425712	1	Standard
[	Tl	205	295.111	ug/L	3.080	1	160	26017106	0	Standard
[	Pb	208	292.682	ug/L	2.996	1	501	33904493	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:52:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1308700	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	47	5	17	29	Standard
	C	**13**		ug/L			26820	34037	1	Standard
	Cl	**37**		ug/L			8490587	8600986	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1417573	0	Standard
⌈	**Na**	**23**	**3.415**	ug/L	0.169	4	14812	106167	3	Standard
⌊	**Mg**	**24**	**0.257**	ug/L	0.008	3	2714	10870	2	Standard
⌈	**Al**	**27**	**0.421**	ug/L	0.011	2	4093	16462	1	Standard
⌊	**K**	**39**	**4.012**	ug/L	0.174	4	1124156	1261920	0	Standard
⌈	**Ca**	**44**	**5.211**	ug/L	0.257	4	18718	25476	1	Standard
⌊	**V**	**51**	**-0.008**	ug/L	0.003	36	7142	6957	0	Standard
⌈	**V-1**	**51**	**0.037**	ug/L	0.001	1	449	1726	1	Standard
⌊	**Cr**	**52**	**-0.023**	ug/L	0.009	37	21146	20712	1	Standard
⌈	**Cr**	**53**	**0.118**	ug/L	0.013	10	248	667	7	Standard
⌊	**Fe**	**54**	**-0.588**	ug/L	0.317	53	98444	97891	0	Standard
⌈	**Fe**	**57**	**-6.715**	ug/L	0.587	8	26183	19527	2	Standard
⌊	**Mn**	**55**	**0.024**	ug/L	0.002	7	711	1802	5	Standard
⌈>	**Ge**	**72**		ug/L			104395	94356	4	KED
⌈	**Co**	**59**	**0.002**	ug/L	0.001	48	3	17	34	KED
⌊	**Ni**	**60**	**0.104**	ug/L	0.012	11	19	196	7	KED
⌈	**Ni**	**62**	**0.133**	ug/L	0.071	53	3	40	53	KED
⌊	**Cu**	**63**	**0.036**	ug/L	0.005	13	76	245	6	KED
⌈	**Cu**	**65**	**0.031**	ug/L	0.006	21	36	107	12	KED
⌊	**Zn**	**66**	**0.722**	ug/L	0.054	7	35	572	2	KED
⌈	**Zn**	**67**	**0.678**	ug/L	0.251	37	9	90	29	KED
⌊	**As**	**75**	**0.017**	ug/L	0.010	61	5	11	38	KED
⌈	**Se**	**78**	**0.049**	ug/L	0.067	136	17	17	11	KED
⌊	**Y**	**89**		ug/L			797774	749883	1	Standard
	Kr	**83**		ug/L			368	354	3	Standard
⌈>	**In-1**	**115**		ug/L			31030	28160	0	KED
⌈	**Mo**	**98**	**0.099**	ug/L	0.007	6	32	219	4	KED
⌊	**Cd**	**111**	**0.004**	ug/L	0.005	136	3	5	43	KED
⌈	**Cd**	**114**	**0.009**	ug/L	0.006	71	3	13	54	KED
⌈>	**In**	**115**		ug/L			1398199	1370672	2	Standard
⌈	**Ag**	**107**	**0.006**	ug/L	0.001	19	89	203	9	Standard
⌊	**Ba**	**135**	**0.018**	ug/L	0.001	6	25	174	5	Standard
⌈	**Ba**	**137**	**0.017**	ug/L	0.001	6	38	295	8	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2520607	1	Standard
⌈	**Tl**	**205**	**0.025**	ug/L	0.001	4	160	2467	3	Standard
⌊	**Pb**	**208**	**0.031**	ug/L	0.001	3	501	4208	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:59:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1344557	0	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	153	5	12	82	Standard
	C	**13**		ug/L			26820	165321	1	Standard
	Cl	**37**		ug/L			8490587	17573595	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1562982	0	Standard
[	**Na**	**23**	**17971.767**	ug/L	193.375	1	14812	529130971	0	Standard
[	**Mg**	**24**	**17956.580**	ug/L	202.364	1	2714	625651167	1	Standard
[	**Al**	**27**	**18208.736**	ug/L	277.791	1	4093	587891323	1	Standard
[	**K**	**39**	**16229.556**	ug/L	695.139	4	1124156	556938400	3	Standard
[	**Ca**	**44**	**18872.894**	ug/L	251.142	1	18718	26135097	1	Standard
[	**V**	**51**	**-0.280**	ug/L	0.102	36	7142	-2670	145	Standard
[	**V-1**	**51**	**2.885**	ug/L	0.052	1	449	111067	2	Standard
[	**Cr**	**52**	**19.858**	ug/L	0.258	1	21146	683357	1	Standard
[	**Cr**	**53**	**29.260**	ug/L	0.729	2	248	113591	2	Standard
[	**Fe**	**54**	**19514.588**	ug/L	106.075	0	98444	62550759	0	Standard
[	**Fe**	**57**	**20653.231**	ug/L	202.212	0	26183	23634994	0	Standard
[	**Mn**	**55**	**19.759**	ug/L	0.294	1	711	984619	1	Standard
[>	**Ge**	**72**		ug/L			104395	89842	1	KED
[	**Co**	**59**	**20.791**	ug/L	0.394	1	3	120327	0	KED
[	**Ni**	**60**	**20.547**	ug/L	0.116	0	19	33663	1	KED
[	**Ni**	**62**	**20.414**	ug/L	0.255	1	3	5436	1	KED
[	**Cu**	**63**	**20.026**	ug/L	0.243	1	76	94146	2	KED
[	**Cu**	**65**	**19.899**	ug/L	0.131	0	36	46448	1	KED
[	**Zn**	**66**	**19.292**	ug/L	0.171	0	35	13797	2	KED
[	**Zn**	**67**	**18.097**	ug/L	0.554	3	9	2115	1	KED
[	**As**	**75**	**19.375**	ug/L	0.289	1	5	6800	2	KED
[	**Se**	**78**	**-0.035**	ug/L	0.107	310	17	13	31	KED
	Y	**89**		ug/L			797774	774024	1	Standard
	Kr	**83**		ug/L			368	462	2	Standard
[>	**In-1**	**115**		ug/L			31030	27111	1	KED
[	**Mo**	**98**	**399.897**	ug/L	6.165	1	32	737918	0	KED
[	**Cd**	**111**	**19.763**	ug/L	0.107	0	3	8657	1	KED
[	**Cd**	**114**	**19.907**	ug/L	0.174	0	3	22639	1	KED
[>	**In**	**115**		ug/L			1398199	1420597	2	Standard
[	**Ag**	**107**	**17.593**	ug/L	0.546	3	89	376421	1	Standard
[	**Ba**	**135**	**0.034**	ug/L	0.000	1	25	319	2	Standard
[	**Ba**	**137**	**0.030**	ug/L	0.002	7	38	512	8	Standard
[>	**Tb**	**159**		ug/L			2712647	2684402	1	Standard
[	**Tl**	**205**	**0.010**	ug/L	0.001	6	160	1170	4	Standard
[	**Pb**	**208**	**0.019**	ug/L	0.000	2	501	2889	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:03:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1290426	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	70	5	15	45	Standard
	C	**13**		ug/L			26820	34291	2	Standard
	Cl	**37**		ug/L			8490587	8320052	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1453386	0	Standard
⌈	**Na**	**23**	**2.281**	ug/L	0.094	4	14812	77807	2	Standard
⌈	**Mg**	**24**	**0.340**	ug/L	0.020	5	2714	13825	4	Standard
⌈	**Al**	**27**	**0.488**	ug/L	0.033	6	4093	18906	4	Standard
⌈	**K**	**39**	**0.699**	ug/L	0.187	26	1124156	1188350	1	Standard
⌈	**Ca**	**44**	**5.107**	ug/L	0.180	3	18718	25986	0	Standard
⌈	**V**	**51**	**-0.021**	ug/L	0.006	29	7142	6653	3	Standard
⌈	**V-1**	**51**	**0.157**	ug/L	0.010	6	449	6067	4	Standard
⌈	**Cr**	**52**	**-0.032**	ug/L	0.006	18	21146	20950	1	Standard
⌈	**Cr**	**53**	**0.534**	ug/L	0.052	9	248	2180	8	Standard
⌈	**Fe**	**54**	**-0.774**	ug/L	0.404	52	98444	99810	1	Standard
⌈	**Fe**	**57**	**-4.150**	ug/L	0.454	10	26183	22750	2	Standard
⌊	**Mn**	**55**	**0.026**	ug/L	0.001	3	711	1944	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	92604	0	KED
⌈	**Co**	**59**	**0.003**	ug/L	0.001	50	3	20	41	KED
⌈	**Ni**	**60**	**0.093**	ug/L	0.011	11	19	174	11	KED
⌈	**Ni**	**62**	**0.117**	ug/L	0.047	39	3	34	36	KED
⌈	**Cu**	**63**	**0.036**	ug/L	0.002	6	76	240	4	KED
⌈	**Cu**	**65**	**0.030**	ug/L	0.004	13	36	105	9	KED
⌈	**Zn**	**66**	**0.637**	ug/L	0.064	10	35	500	9	KED
⌈	**Zn**	**67**	**0.638**	ug/L	0.076	11	9	85	10	KED
⌈	**As**	**75**	**0.004**	ug/L	0.002	56	5	6	13	KED
⌊	**Se**	**78**	**-0.066**	ug/L	0.059	89	17	12	18	KED
	Y	**89**		ug/L			797774	747708	2	Standard
	Kr	**83**		ug/L			368	341	7	Standard
⌈>	**In-1**	**115**		ug/L			31030	27399	1	KED
⌈	**Mo**	**98**	**0.111**	ug/L	0.017	15	32	235	13	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.002	869	3	3	31	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	252	3	3	34	KED
⌈>	**In**	**115**		ug/L			1398199	1443184	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	278	89	101	24	Standard
⌈	**Ba**	**135**	**0.015**	ug/L	0.002	15	25	158	12	Standard
⌊	**Ba**	**137**	**0.015**	ug/L	0.002	12	38	275	11	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2513145	0	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	1	160	403	1	Standard
⌊	**Pb**	**208**	**0.032**	ug/L	0.002	5	501	4284	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:10:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1297774	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	218	5	4	65	Standard
	C	**13**		ug/L			26820	28170	1	Standard
	Cl	**37**		ug/L			8490587	8182985	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1446492	2	Standard
⌈	**Na**	**23**	**0.606**	ug/L	0.041	6	14812	31783	2	Standard
⌈	**Mg**	**24**	**0.089**	ug/L	0.011	12	2714	5666	4	Standard
⌈	**Al**	**27**	**0.738**	ug/L	0.019	2	4093	26281	0	Standard
⌈	**K**	**39**	**-0.760**	ug/L	0.826	108	1124156	1136144	1	Standard
⌈	**Ca**	**44**	**-4.367**	ug/L	0.331	7	18718	13726	0	Standard
⌈	**V**	**51**	**-0.021**	ug/L	0.003	12	7142	6629	1	Standard
⌈	**V-1**	**51**	**0.070**	ug/L	0.003	4	449	2937	2	Standard
⌈	**Cr**	**52**	**-0.050**	ug/L	0.012	23	21146	20286	0	Standard
⌈	**Cr**	**53**	**0.239**	ug/L	0.016	6	248	1111	2	Standard
⌈	**Fe**	**54**	**-2.184**	ug/L	0.425	19	98444	95153	1	Standard
⌈	**Fe**	**57**	**-3.687**	ug/L	0.490	13	26183	23125	1	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.002	17	711	1168	6	Standard
⌈>	**Ge**	**72**		ug/L			104395	91849	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	276	3	2	86	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.006	259	19	20	45	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.004	45	3	5	21	KED
⌈	**Cu**	**63**	**0.008**	ug/L	0.003	30	76	107	9	KED
⌈	**Cu**	**65**	**0.005**	ug/L	0.005	97	36	43	26	KED
⌈	**Zn**	**66**	**0.782**	ug/L	0.048	6	35	601	5	KED
⌈	**Zn**	**67**	**0.691**	ug/L	0.056	8	9	90	8	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.001	107	5	4	13	KED
⌊	**Se**	**78**	**-0.016**	ug/L	0.052	319	17	14	15	KED
	Y	**89**		ug/L			797774	742618	2	Standard
	Kr	**83**		ug/L			368	323	12	Standard
⌈>	**In-1**	**115**		ug/L			31030	26171	3	KED
⌈	**Mo**	**98**	**0.020**	ug/L	0.004	19	32	61	10	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.002	309	3	2	33	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.001	789	3	2	48	KED
⌈>	**In**	**115**		ug/L			1398199	1416619	2	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	16	89	79	2	Standard
⌈	**Ba**	**135**	**0.006**	ug/L	0.002	27	25	76	17	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.001	10	38	126	6	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2524184	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	24	160	309	12	Standard
⌊	**Pb**	**208**	**0.018**	ug/L	0.001	5	501	2607	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:21:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1310340	0	Standard
[	**Be**	**9**	**50.177**	ug/L	1.046	2	5	413409	1	Standard
	C	**13**		ug/L			26820	26775	1	Standard
	Cl	**37**		ug/L			8490587	8955125	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1432937	1	Standard
[	**Na**	**23**	**4587.763**	ug/L	13.876	0	14812	123849825	1	Standard
[	**Mg**	**24**	**4647.871**	ug/L	65.882	1	2714	148463825	1	Standard
[	**Al**	**27**	**4611.052**	ug/L	36.026	0	4093	136499994	1	Standard
[	**K**	**39**	**4759.241**	ug/L	71.928	1	1124156	150548302	1	Standard
[	**Ca**	**44**	**4886.552**	ug/L	50.677	1	18718	6217355	0	Standard
[	**V**	**51**	**49.229**	ug/L	0.165	0	7142	1720270	1	Standard
[	**V-1**	**51**	**49.182**	ug/L	0.145	0	449	1728442	0	Standard
[	**Cr**	**52**	**48.863**	ug/L	0.154	0	21146	1509952	0	Standard
[	**Cr**	**53**	**48.726**	ug/L	0.426	0	248	173237	1	Standard
[	**Fe**	**54**	**4876.147**	ug/L	52.570	1	98444	14403593	0	Standard
[	**Fe**	**57**	**5006.939**	ug/L	52.111	1	26183	5273025	0	Standard
[	**Mn**	**55**	**47.949**	ug/L	0.496	1	711	2189284	0	Standard
[>	**Ge**	**72**		ug/L			104395	91258	2	KED
[	**Co**	**59**	**50.395**	ug/L	0.343	0	3	296281	2	KED
[	**Ni**	**60**	**50.424**	ug/L	0.261	0	19	83896	2	KED
[	**Ni**	**62**	**50.094**	ug/L	0.589	1	3	13547	2	KED
[	**Cu**	**63**	**50.963**	ug/L	0.737	1	76	243178	1	KED
[	**Cu**	**65**	**50.808**	ug/L	0.090	0	36	120421	2	KED
[	**Zn**	**66**	**51.183**	ug/L	0.380	0	35	37129	2	KED
[	**Zn**	**67**	**49.841**	ug/L	0.735	1	9	5907	3	KED
[	**As**	**75**	**49.457**	ug/L	0.023	0	5	17624	2	KED
[	**Se**	**78**	**50.667**	ug/L	0.060	0	17	2096	2	KED
	Y	**89**		ug/L			797774	746977	0	Standard
	Kr	**83**		ug/L			368	337	11	Standard
[>	**In-1**	**115**		ug/L			31030	28284	2	KED
[	**Mo**	**98**	**47.707**	ug/L	1.473	3	32	91841	1	KED
[	**Cd**	**111**	**49.131**	ug/L	0.558	1	3	22446	0	KED
[	**Cd**	**114**	**48.870**	ug/L	0.526	1	3	57969	0	KED
[>	**In**	**115**		ug/L			1398199	1411934	2	Standard
[	**Ag**	**107**	**48.609**	ug/L	1.550	3	89	1033515	0	Standard
[	**Ba**	**135**	**45.445**	ug/L	0.942	2	25	393855	0	Standard
[	**Ba**	**137**	**44.171**	ug/L	0.491	1	38	685734	1	Standard
[>	**Tb**	**159**		ug/L			2712647	2574778	0	Standard
[	**Tl**	**205**	**49.684**	ug/L	0.750	1	160	4649723	1	Standard
[	**Pb**	**208**	**52.095**	ug/L	0.601	1	501	6406103	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:29:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1313164	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	44	5	10	20	Standard
	C	**13**		ug/L			26820	26085	2	Standard
	Cl	**37**		ug/L			8490587	8486028	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1427410	2	Standard
⌈	**Na**	**23**	**0.041**	ug/L	0.011	27	14812	16183	0	Standard
⌈	**Mg**	**24**	**0.010**	ug/L	0.001	7	2714	3097	1	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.002	12	4093	4625	0	Standard
⌈	**K**	**39**	**0.638**	ug/L	0.675	105	1124156	1164933	0	Standard
⌈	**Ca**	**44**	**-6.552**	ug/L	0.033	0	18718	10790	2	Standard
⌈	**V**	**51**	**-0.016**	ug/L	0.004	25	7142	6716	0	Standard
⌈	**V-1**	**51**	**0.026**	ug/L	0.002	8	449	1355	3	Standard
⌈	**Cr**	**52**	**-0.055**	ug/L	0.015	26	21146	19855	0	Standard
⌈	**Cr**	**53**	**0.078**	ug/L	0.011	13	248	529	5	Standard
⌈	**Fe**	**54**	**-1.081**	ug/L	0.182	16	98444	97125	1	Standard
⌈	**Fe**	**57**	**-4.780**	ug/L	0.223	4	26183	21685	2	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	1850	711	727	5	Standard
⌈>	**Ge**	**72**		ug/L			104395	93326	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	1087	3	3	132	KED
⌈	**Ni**	**60**	**-0.003**	ug/L	0.002	58	19	12	24	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.018	212	3	5	94	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.000	19	76	74	2	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.004	172	36	38	27	KED
⌈	**Zn**	**66**	**0.003**	ug/L	0.004	155	35	33	6	KED
⌈	**Zn**	**67**	**-0.044**	ug/L	0.009	19	9	3	34	KED
⌈	**As**	**75**	**0.000**	ug/L	0.007	3449	5	4	52	KED
⌊	**Se**	**78**	**-0.080**	ug/L	0.042	51	17	12	13	KED
	Y	**89**		ug/L			797774	738010	3	Standard
	Kr	**83**		ug/L			368	306	10	Standard
⌈>	**In-1**	**115**		ug/L			31030	27188	1	KED
⌈	**Mo**	**98**	**0.023**	ug/L	0.009	40	32	71	22	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	207	3	2	98	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.000	3	3	1	1	KED
⌈>	**In**	**115**		ug/L			1398199	1408648	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	368	89	95	19	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	163	25	18	63	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	2578	38	38	24	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2492948	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	8	160	353	4	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	46	501	537	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:37:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1302100	1335725	1	Standard
⌊	Be	9	0.001	ug/L	0.000	62	5	11	28	Standard
	C	13		ug/L			26820	47711	1	Standard
	Cl	37		ug/L			8490587	8337694	0	Standard
⌈>	Sc	45		ug/L			1401124	1418180	2	Standard
|	Na	23	1.811	ug/L	0.044	2	14812	63343	0	Standard
|	Mg	24	0.469	ug/L	0.013	2	2714	17568	0	Standard
|	Al	27	1.436	ug/L	0.031	2	4093	46192	0	Standard
|	K	39	0.766	ug/L	0.990	129	1124156	1161409	2	Standard
|	Ca	44	-3.100	ug/L	0.395	12	18718	15046	1	Standard
|	V	51	0.003	ug/L	0.009	326	7142	7325	3	Standard
|	V-1	51	0.037	ug/L	0.001	3	449	1729	1	Standard
|	Cr	52	0.086	ug/L	0.022	26	21146	23983	1	Standard
|	Cr	53	0.190	ug/L	0.007	3	248	920	3	Standard
|	Fe	54	-4.623	ug/L	1.127	24	98444	86174	1	Standard
|	Fe	57	-1.432	ug/L	0.876	61	26183	25004	1	Standard
⌊	Mn	55	0.057	ug/L	0.004	6	711	3287	3	Standard
⌈>	Ge	72		ug/L			104395	93025	3	KED
|	Co	59	-0.000	ug/L	0.000	53	3	1	86	KED
|	Ni	60	0.084	ug/L	0.005	5	19	160	7	KED
|	Ni	62	0.100	ug/L	0.026	25	3	30	25	KED
|	Cu	63	0.024	ug/L	0.002	9	76	184	4	KED
|	Cu	65	0.024	ug/L	0.003	11	36	91	7	KED
|	Zn	66	0.191	ug/L	0.025	12	35	172	8	KED
|	Zn	67	0.098	ug/L	0.029	29	9	20	19	KED
|	As	75	-0.004	ug/L	0.004	99	5	3	37	KED
⌊	Se	78	-0.072	ug/L	0.012	16	17	12	1	KED
	Y	89		ug/L			797774	729691	0	Standard
	Kr	83		ug/L			368	309	2	Standard
⌈>	In-1	115		ug/L			31030	28022	1	KED
|	Mo	98	0.017	ug/L	0.004	23	32	62	11	KED
|	Cd	111	-0.005	ug/L	0.002	38	3	0	100	KED
⌊	Cd	114	0.001	ug/L	0.001	75	3	4	24	KED
⌈>	In	115		ug/L			1398199	1403229	1	Standard
|	Ag	107	0.000	ug/L	0.001	312	89	93	11	Standard
|	Ba	135	0.024	ug/L	0.001	2	25	231	0	Standard
⌊	Ba	137	0.024	ug/L	0.001	4	38	408	5	Standard
⌈>	Tb	159		ug/L			2712647	2538284	0	Standard
|	Tl	205	0.001	ug/L	0.000	10	160	262	4	Standard
⌊	Pb	208	0.004	ug/L	0.000	8	501	939	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:42:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1291200	1	Standard
[	Be	9	26.074	ug/L	0.276	1	5	211709	1	Standard
	C	13		ug/L			26820	45470	0	Standard
	Cl	37		ug/L			8490587	8945542	0	Standard
[>	Sc	45		ug/L			1401124	1404881	0	Standard
[	Na	23	4772.322	ug/L	14.238	0	14812	126311542	1	Standard
[	Mg	24	4875.226	ug/L	35.456	0	2714	152686138	1	Standard
[	Al	27	4860.940	ug/L	77.532	1	4093	141062715	0	Standard
[	K	39	4850.000	ug/L	25.625	0	1124156	150410850	1	Standard
[	Ca	44	5137.529	ug/L	27.440	0	18718	6408112	0	Standard
[	V	51	25.075	ug/L	0.573	2	7142	862678	2	Standard
[	V-1	51	25.137	ug/L	0.302	1	449	866370	1	Standard
[	Cr	52	25.245	ug/L	0.360	1	21146	775158	2	Standard
[	Cr	53	25.434	ug/L	0.561	2	248	88773	1	Standard
[	Fe	54	5077.447	ug/L	2.714	0	98444	14701516	0	Standard
[	Fe	57	5194.884	ug/L	36.088	0	26183	5363347	1	Standard
[	Mn	55	26.140	ug/L	0.088	0	711	1170519	0	Standard
[>	Ge	72		ug/L			104395	92983	1	KED
[	Co	59	26.208	ug/L	0.178	0	3	157005	0	KED
[	Ni	60	25.651	ug/L	0.174	0	19	43494	1	KED
[	Ni	62	25.397	ug/L	0.280	1	3	6999	0	KED
[	Cu	63	25.886	ug/L	0.221	0	76	125914	0	KED
[	Cu	65	25.847	ug/L	0.370	1	36	62429	0	KED
[	Zn	66	85.893	ug/L	0.729	0	35	63461	1	KED
[	Zn	67	81.819	ug/L	0.593	0	9	9872	0	KED
[	As	75	25.718	ug/L	0.432	1	5	9339	1	KED
[	Se	78	85.988	ug/L	1.446	1	17	3614	2	KED
	Y	89		ug/L			797774	737270	1	Standard
	Kr	83		ug/L			368	342	11	Standard
[>	In-1	115		ug/L			31030	27070	0	KED
[	Mo	98	-0.001	ug/L	0.008	1134	32	26	58	KED
[	Cd	111	26.303	ug/L	0.156	0	3	11504	0	KED
[	Cd	114	26.404	ug/L	0.268	1	3	29981	0	KED
[>	In	115		ug/L			1398199	1376620	3	Standard
[	Ag	107	24.536	ug/L	0.290	1	89	508910	3	Standard
[	Ba	135	23.469	ug/L	0.521	2	25	198297	1	Standard
[	Ba	137	23.105	ug/L	0.409	1	38	349670	1	Standard
[>	Tb	159		ug/L			2712647	2516677	1	Standard
[	Tl	205	26.493	ug/L	0.263	0	160	2423250	0	Standard
[	Pb	208	27.575	ug/L	0.102	0	501	3314701	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:47:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1302100	1310725	0	Standard
⌊	Be	9	0.002	ug/L	0.001	67	5	19	47	Standard
	C	13		ug/L			26820	44319	1	Standard
	Cl	37		ug/L			8490587	8479135	0	Standard
⌈>	Sc	45		ug/L			1401124	1412579	0	Standard
⌈	Na	23	5.770	ug/L	0.189	3	14812	168471	2	Standard
⌈	Mg	24	0.573	ug/L	0.054	9	2714	20780	8	Standard
⌈	Al	27	1.043	ug/L	0.038	3	4093	34549	3	Standard
⌈	K	39	4.956	ug/L	0.560	11	1124156	1286731	1	Standard
⌈	Ca	44	-3.008	ug/L	0.148	4	18718	15110	1	Standard
⌈	V	51	0.005	ug/L	0.002	43	7142	7383	1	Standard
⌈	V-1	51	0.026	ug/L	0.001	3	449	1354	2	Standard
⌈	Cr	52	0.084	ug/L	0.006	7	21146	23850	0	Standard
⌈	Cr	53	0.147	ug/L	0.004	2	248	767	1	Standard
⌈	Fe	54	-1.998	ug/L	0.377	18	98444	93470	1	Standard
⌈	Fe	57	-4.595	ug/L	0.425	9	26183	21650	2	Standard
⌊	Mn	55	0.200	ug/L	0.004	1	711	9700	1	Standard
⌈>	Ge	72		ug/L			104395	94527	0	KED
⌈	Co	59	0.001	ug/L	0.001	83	3	8	48	KED
⌈	Ni	60	0.012	ug/L	0.007	55	19	38	29	KED
⌈	Ni	62	0.021	ug/L	0.010	47	3	8	32	KED
⌈	Cu	63	0.022	ug/L	0.009	40	76	176	24	KED
⌈	Cu	65	0.021	ug/L	0.009	42	36	85	25	KED
⌈	Zn	66	0.139	ug/L	0.031	22	35	136	16	KED
⌈	Zn	67	0.127	ug/L	0.019	14	9	24	9	KED
⌈	As	75	-0.001	ug/L	0.003	322	5	4	22	KED
⌊	Se	78	-0.089	ug/L	0.066	74	17	11	23	KED
	Y	89		ug/L			797774	735405	1	Standard
	Kr	83		ug/L			368	314	2	Standard
⌈>	In-1	115		ug/L			31030	27513	0	KED
⌈	Mo	98	-0.000	ug/L	0.002	1266	32	28	12	KED
⌈	Cd	111	-0.003	ug/L	0.003	125	3	2	65	KED
⌊	Cd	114	0.000	ug/L	0.003	972	3	3	100	KED
⌈>	In	115		ug/L			1398199	1377902	2	Standard
⌈	Ag	107	0.001	ug/L	0.000	24	89	117	4	Standard
⌈	Ba	135	0.003	ug/L	0.002	91	25	47	42	Standard
⌊	Ba	137	0.003	ug/L	0.001	29	38	80	14	Standard
⌈>	Tb	159		ug/L			2712647	2474318	1	Standard
⌈	Tl	205	0.003	ug/L	0.000	15	160	370	7	Standard
⌊	Pb	208	0.003	ug/L	0.001	19	501	780	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:52:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1319043	1	Standard
[	Be	9	25.473	ug/L	0.526	2	5	211228	0	Standard
	C	13		ug/L			26820	51588	0	Standard
	Cl	37		ug/L			8490587	8963158	0	Standard
[>	Sc	45		ug/L			1401124	1413239	0	Standard
[	Na	23	4739.745	ug/L	57.930	1	14812	126193972	1	Standard
[	Mg	24	4895.111	ug/L	49.375	1	2714	154222348	1	Standard
[	Al	27	4851.731	ug/L	63.261	1	4093	141649188	1	Standard
[	K	39	4877.765	ug/L	115.092	2	1124156	152161589	2	Standard
[	Ca	44	5019.445	ug/L	65.297	1	18718	6298259	0	Standard
[	V	51	24.702	ug/L	0.293	1	7142	854965	1	Standard
[	V-1	51	24.731	ug/L	0.299	1	449	857466	1	Standard
[	Cr	52	24.807	ug/L	0.272	1	21146	766601	1	Standard
[	Cr	53	24.896	ug/L	0.244	0	248	87425	1	Standard
[	Fe	54	5018.792	ug/L	20.787	0	98444	14619342	0	Standard
[	Fe	57	5148.427	ug/L	70.178	1	26183	5347145	1	Standard
[	Mn	55	26.016	ug/L	0.179	0	711	1171964	1	Standard
[>	Ge	72		ug/L			104395	87000	13	KED
[	Co	59	27.612	ug/L	3.898	14	3	152811	0	KED
[	Ni	60	27.561	ug/L	3.834	13	19	43174	0	KED
[	Ni	62	27.677	ug/L	3.502	12	3	7055	1	KED
[	Cu	63	27.377	ug/L	3.427	12	76	123194	2	KED
[	Cu	65	27.454	ug/L	3.389	12	36	61360	2	KED
[	Zn	66	89.470	ug/L	10.194	11	35	61217	3	KED
[	Zn	67	86.216	ug/L	10.534	12	9	9626	2	KED
[	As	75	26.883	ug/L	3.411	12	5	9030	1	KED
[	Se	78	89.668	ug/L	9.275	10	17	3493	4	KED
	Y	89		ug/L			797774	743204	1	Standard
	Kr	83		ug/L			368	353	3	Standard
[>	In-1	115		ug/L			31030	27559	1	KED
[	Mo	98	-0.002	ug/L	0.005	203	32	23	38	KED
[	Cd	111	26.280	ug/L	0.470	1	3	11700	0	KED
[	Cd	114	25.355	ug/L	0.094	0	3	29310	1	KED
[>	In	115		ug/L			1398199	1363400	1	Standard
[	Ag	107	25.117	ug/L	0.696	2	89	516095	4	Standard
[	Ba	135	23.810	ug/L	0.337	1	25	199342	2	Standard
[	Ba	137	23.264	ug/L	0.147	0	38	348827	1	Standard
[>	Tb	159		ug/L			2712647	2557281	1	Standard
[	Tl	205	26.065	ug/L	0.402	1	160	2422568	0	Standard
[	Pb	208	27.136	ug/L	0.138	0	501	3314563	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0359-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:57:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1297190	1	Standard
[	Be	9	0.001	ug/L	0.000	14	5	14	7	Standard
	C	13		ug/L			26820	52867	1	Standard
	Cl	37		ug/L			8490587	8698103	0	Standard
[>	Sc	45		ug/L			1401124	1457709	1	Standard
[	Na	23	3054.306	ug/L	62.490	2	14812	83884885	2	Standard
[	Mg	24	248.855	ug/L	4.810	1	2714	8089529	2	Standard
[	Al	27	14.538	ug/L	0.232	1	4093	442006	1	Standard
[	K	39	1021.394	ug/L	17.629	1	1124156	33785895	0	Standard
[	Ca	44	12721.931	ug/L	201.479	1	18718	16435506	1	Standard
[	V	51	0.482	ug/L	0.008	1	7142	24479	1	Standard
[	V-1	51	0.563	ug/L	0.012	2	449	20599	2	Standard
[	Cr	52	0.587	ug/L	0.017	2	21146	40178	0	Standard
[	Cr	53	0.842	ug/L	0.028	3	248	3299	3	Standard
[	Fe	54	98.000	ug/L	2.617	2	98444	394848	1	Standard
[	Fe	57	115.984	ug/L	2.886	2	26183	150880	2	Standard
[	Mn	55	22.016	ug/L	0.364	1	711	1022958	1	Standard
[>	Ge	72		ug/L			104395	92566	0	KED
[	Co	59	0.212	ug/L	0.010	4	3	1266	5	KED
[	Ni	60	0.719	ug/L	0.010	1	19	1229	2	KED
[	Ni	62	0.765	ug/L	0.121	15	3	212	16	KED
[	Cu	63	6.530	ug/L	0.098	1	76	31671	0	KED
[	Cu	65	6.586	ug/L	0.152	2	36	15862	2	KED
[	Zn	66	464.966	ug/L	3.520	0	35	341879	1	KED
[	Zn	67	439.175	ug/L	1.357	0	9	52721	1	KED
[	As	75	1.235	ug/L	0.067	5	5	451	5	KED
[	Se	78	0.000	ug/L	0.060	21520	17	15	16	KED
	Y	89		ug/L			797774	738703	1	Standard
	Kr	83		ug/L			368	321	8	Standard
[>	In-1	115		ug/L			31030	26889	1	KED
[	Mo	98	0.916	ug/L	0.044	4	32	1704	3	KED
[	Cd	111	1.291	ug/L	0.047	3	3	564	5	KED
[	Cd	114	1.295	ug/L	0.053	4	3	1462	2	KED
[>	In	115		ug/L			1398199	1395821	2	Standard
[	Ag	107	0.003	ug/L	0.001	19	89	144	8	Standard
[	Ba	135	22.991	ug/L	0.352	1	25	197010	1	Standard
[	Ba	137	22.563	ug/L	0.221	0	38	346307	1	Standard
[>	Tb	159		ug/L			2712647	2522804	0	Standard
[	Tl	205	0.010	ug/L	0.000	2	160	1037	2	Standard
[	Pb	208	0.268	ug/L	0.002	0	501	32789	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0242-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:05:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1299820	1	Standard
[	**Be**	**9**	**0.005**	ug/L	0.002	33	5	46	28	Standard
	C	**13**		ug/L			26820	67159	1	Standard
	Cl	**37**		ug/L			8490587	7867244	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1585309	1	Standard
[	**Na**	**23**	**1888.292**	ug/L	6.096	0	14812	56404102	1	Standard
[	**Mg**	**24**	**1224.228**	ug/L	13.560	1	2714	43259992	0	Standard
[	**Al**	**27**	**85.403**	ug/L	1.615	1	4093	2801248	2	Standard
[	**K**	**39**	**1111.203**	ug/L	9.472	0	1124156	39867058	2	Standard
[	**Ca**	**44**	**5718.837**	ug/L	129.376	2	18718	8044922	0	Standard
[	**V**	**51**	**0.671**	ug/L	0.002	0	7142	33901	1	Standard
[	**V-1**	**51**	**0.757**	ug/L	0.006	0	449	29916	1	Standard
[	**Cr**	**52**	**0.193**	ug/L	0.011	5	21146	30434	2	Standard
[	**Cr**	**53**	**0.479**	ug/L	0.019	3	248	2164	4	Standard
[	**Fe**	**54**	**154.547**	ug/L	1.307	0	98444	612918	1	Standard
[	**Fe**	**57**	**157.637**	ug/L	3.198	2	26183	212357	2	Standard
[	**Mn**	**55**	**21.612**	ug/L	0.146	0	711	1092185	1	Standard
[>	**Ge**	**72**		ug/L			104395	91024	3	KED
[	**Co**	**59**	**0.667**	ug/L	0.011	1	3	3913	3	KED
[	**Ni**	**60**	**1.927**	ug/L	0.040	2	19	3214	5	KED
[	**Ni**	**62**	**1.921**	ug/L	0.115	5	3	521	8	KED
[	**Cu**	**63**	**3.747**	ug/L	0.039	1	76	17893	2	KED
[	**Cu**	**65**	**3.746**	ug/L	0.024	0	36	8884	3	KED
[	**Zn**	**66**	**193.847**	ug/L	1.570	0	35	140177	3	KED
[	**Zn**	**67**	**183.087**	ug/L	2.864	1	9	21624	5	KED
[	**As**	**75**	**0.224**	ug/L	0.007	2	5	84	6	KED
[	**Se**	**78**	**-0.093**	ug/L	0.014	14	17	11	8	KED
	Y	**89**		ug/L			797774	742078	0	Standard
	Kr	**83**		ug/L			368	311	10	Standard
[>	**In-1**	**115**		ug/L			31030	27868	1	KED
[	**Mo**	**98**	**0.158**	ug/L	0.010	6	32	328	6	KED
[	**Cd**	**111**	**0.037**	ug/L	0.008	22	3	20	19	KED
[	**Cd**	**114**	**0.046**	ug/L	0.007	14	3	56	14	KED
[>	**In**	**115**		ug/L			1398199	1393420	0	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.002	84	89	134	28	Standard
[	**Ba**	**135**	**8.562**	ug/L	0.137	1	25	73276	2	Standard
[	**Ba**	**137**	**8.418**	ug/L	0.117	1	38	129027	2	Standard
[>	**Tb**	**159**		ug/L			2712647	2513354	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	20	160	262	7	Standard
[	**Pb**	**208**	**0.164**	ug/L	0.004	2	501	20206	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0379-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:12:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1311211	0	Standard
[	Be	9	0.001	ug/L	0.000	8	5	17	6	Standard
	C	13		ug/L			26820	55839	1	Standard
	Cl	37		ug/L			8490587	8392092	0	Standard
[>	Sc	45		ug/L			1401124	1439678	0	Standard
[	Na	23	3125.253	ug/L	50.032	1	14812	84773475	1	Standard
[	Mg	24	254.982	ug/L	4.462	1	2714	8185859	1	Standard
[	Al	27	15.674	ug/L	0.018	0	4093	470358	0	Standard
[	K	39	1034.902	ug/L	5.747	0	1124156	33798222	0	Standard
[	Ca	44	12962.964	ug/L	109.700	0	18718	16540667	1	Standard
[	V	51	0.501	ug/L	0.008	1	7142	24869	1	Standard
[	V-1	51	0.612	ug/L	0.006	0	449	22083	1	Standard
[	Cr	52	0.646	ug/L	0.011	1	21146	41486	1	Standard
[	Cr	53	0.993	ug/L	0.028	2	248	3797	2	Standard
[	Fe	54	92.309	ug/L	0.665	0	98444	373215	0	Standard
[	Fe	57	111.614	ug/L	1.159	1	26183	144414	1	Standard
[	Mn	55	19.989	ug/L	0.494	2	711	917518	2	Standard
[>	Ge	72		ug/L			104395	91733	2	KED
[	Co	59	0.204	ug/L	0.007	3	3	1206	2	KED
[	Ni	60	0.790	ug/L	0.013	1	19	1337	0	KED
[	Ni	62	0.820	ug/L	0.110	13	3	226	15	KED
[	Cu	63	6.976	ug/L	0.038	0	76	33523	1	KED
[	Cu	65	6.937	ug/L	0.138	1	36	16553	2	KED
[	Zn	66	480.023	ug/L	3.189	0	35	349733	1	KED
[	Zn	67	454.397	ug/L	0.703	0	9	54055	1	KED
[	As	75	1.232	ug/L	0.015	1	5	445	0	KED
[	Se	78	-0.032	ug/L	0.017	54	17	13	6	KED
	Y	89		ug/L			797774	736971	1	Standard
	Kr	83		ug/L			368	307	3	Standard
[>	In-1	115		ug/L			31030	27427	0	KED
[	Mo	98	0.895	ug/L	0.029	3	32	1698	2	KED
[	Cd	111	1.326	ug/L	0.042	3	3	590	3	KED
[	Cd	114	1.288	ug/L	0.057	4	3	1484	3	KED
[>	In	115		ug/L			1398199	1387262	1	Standard
[	Ag	107	0.001	ug/L	0.000	28	89	119	6	Standard
[	Ba	135	23.383	ug/L	0.172	0	25	199190	1	Standard
[	Ba	137	23.261	ug/L	0.282	1	38	354902	2	Standard
[>	Tb	159		ug/L			2712647	2574215	0	Standard
[	Tl	205	0.008	ug/L	0.000	2	160	935	2	Standard
[	Pb	208	0.265	ug/L	0.002	0	501	33106	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0379-01RE1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 17:21:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1296068	1	Standard
[	**Be**	**9**	**0.000**	ug/L	0.000	93	5	8	32	Standard
	C	**13**		ug/L			26820	35335	0	Standard
	Cl	**37**		ug/L			8490587	8591018	1	Standard
[>	**Sc**	**45**		ug/L			1401124	1396171	1	Standard
[	**Na**	**23**	**651.498**	ug/L	6.241	0	14812	17148749	1	Standard
[	**Mg**	**24**	**55.369**	ug/L	0.525	0	2714	1725871	0	Standard
[	**Al**	**27**	**3.410**	ug/L	0.085	2	4093	102425	1	Standard
[	**K**	**39**	**221.158**	ug/L	2.188	0	1124156	7884722	0	Standard
[	**Ca**	**44**	**2712.689**	ug/L	50.410	1	18718	3371516	2	Standard
[	**V**	**51**	**0.089**	ug/L	0.008	9	7142	10132	2	Standard
[	**V-1**	**51**	**0.138**	ug/L	0.003	2	449	5179	1	Standard
[	**Cr**	**52**	**0.088**	ug/L	0.013	15	21146	23682	1	Standard
[	**Cr**	**53**	**0.244**	ug/L	0.011	4	248	1092	2	Standard
[	**Fe**	**54**	**19.329**	ug/L	0.912	4	98444	153346	2	Standard
[	**Fe**	**57**	**13.815**	ug/L	0.319	2	26183	40194	0	Standard
[	**Mn**	**55**	**4.125**	ug/L	0.012	0	711	184164	0	Standard
[>	**Ge**	**72**		ug/L			104395	93620	3	KED
[	**Co**	**59**	**0.037**	ug/L	0.003	7	3	227	10	KED
[	**Ni**	**60**	**0.169**	ug/L	0.018	10	19	306	12	KED
[	**Ni**	**62**	**0.196**	ug/L	0.006	2	3	57	5	KED
[	**Cu**	**63**	**1.429**	ug/L	0.025	1	76	7062	1	KED
[	**Cu**	**65**	**1.411**	ug/L	0.023	1	36	3462	2	KED
[	**Zn**	**66**	**101.348**	ug/L	1.629	1	35	75364	1	KED
[	**Zn**	**67**	**95.927**	ug/L	2.287	2	9	11647	1	KED
[	**As**	**75**	**0.241**	ug/L	0.013	5	5	92	2	KED
[	**Se**	**78**	**-0.008**	ug/L	0.061	756	17	15	19	KED
	Y	**89**		ug/L			797774	724869	1	Standard
	Kr	**83**		ug/L			368	301	6	Standard
[>	**In-1**	**115**		ug/L			31030	28139	3	KED
[	**Mo**	**98**	**0.155**	ug/L	0.003	1	32	326	4	KED
[	**Cd**	**111**	**0.279**	ug/L	0.030	10	3	130	8	KED
[	**Cd**	**114**	**0.260**	ug/L	0.015	5	3	310	2	KED
[>	**In**	**115**		ug/L			1398199	1363872	0	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.000	11	89	60	4	Standard
[	**Ba**	**135**	**4.845**	ug/L	0.018	0	25	40597	0	Standard
[	**Ba**	**137**	**4.753**	ug/L	0.034	0	38	71319	1	Standard
[>	**Tb**	**159**		ug/L			2712647	2499810	2	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	15	160	276	5	Standard
[	**Pb**	**208**	**0.059**	ug/L	0.001	2	501	7546	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0359-01RE1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 17:26:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1306463	0	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	193	5	10	90	Standard
	C	**13**		ug/L			26820	34802	1	Standard
	Cl	**37**		ug/L			8490587	8726654	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1414687	0	Standard
[	**Na**	**23**	**637.690**	ug/L	14.260	2	14812	17009080	2	Standard
[	**Mg**	**24**	**54.907**	ug/L	0.823	1	2714	1734175	1	Standard
[	**Al**	**27**	**3.200**	ug/L	0.034	1	4093	97649	1	Standard
[	**K**	**39**	**216.315**	ug/L	1.153	0	1124156	7839439	0	Standard
[	**Ca**	**44**	**2700.705**	ug/L	74.898	2	18718	3401124	2	Standard
[	**V**	**51**	**0.085**	ug/L	0.005	5	7142	10133	0	Standard
[	**V-1**	**51**	**0.136**	ug/L	0.003	2	449	5169	1	Standard
[	**Cr**	**52**	**0.066**	ug/L	0.015	22	21146	23328	1	Standard
[	**Cr**	**53**	**0.228**	ug/L	0.008	3	248	1048	1	Standard
[	**Fe**	**54**	**19.913**	ug/L	0.341	1	98444	157060	0	Standard
[	**Fe**	**57**	**15.736**	ug/L	0.209	1	26183	42714	0	Standard
[	**Mn**	**55**	**4.617**	ug/L	0.066	1	711	208800	2	Standard
[>	**Ge**	**72**		ug/L			104395	95641	2	KED
[	**Co**	**59**	**0.048**	ug/L	0.002	3	3	298	2	KED
[	**Ni**	**60**	**0.145**	ug/L	0.023	15	19	271	13	KED
[	**Ni**	**62**	**0.185**	ug/L	0.030	16	3	55	13	KED
[	**Cu**	**63**	**1.355**	ug/L	0.032	2	76	6844	0	KED
[	**Cu**	**65**	**1.358**	ug/L	0.078	5	36	3404	4	KED
[	**Zn**	**66**	**97.391**	ug/L	2.360	2	35	73982	0	KED
[	**Zn**	**67**	**91.322**	ug/L	2.502	2	9	11329	1	KED
[	**As**	**75**	**0.248**	ug/L	0.012	4	5	97	5	KED
[	**Se**	**78**	**-0.129**	ug/L	0.064	49	17	10	24	KED
	Y	**89**		ug/L			797774	733242	1	Standard
	Kr	**83**		ug/L			368	333	6	Standard
[>	**In-1**	**115**		ug/L			31030	27990	0	KED
[	**Mo**	**98**	**0.157**	ug/L	0.008	4	32	327	4	KED
[	**Cd**	**111**	**0.282**	ug/L	0.013	4	3	130	4	KED
[	**Cd**	**114**	**0.253**	ug/L	0.037	14	3	299	13	KED
[>	**In**	**115**		ug/L			1398199	1375476	0	Standard
[	**Ag**	**107**	**-0.002**	ug/L	0.000	12	89	53	8	Standard
[	**Ba**	**135**	**4.723**	ug/L	0.050	1	25	39910	1	Standard
[	**Ba**	**137**	**4.639**	ug/L	0.081	1	38	70194	0	Standard
[>	**Tb**	**159**		ug/L			2712647	2536154	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	16	160	236	5	Standard
[	**Pb**	**208**	**0.058**	ug/L	0.001	1	501	7477	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:32:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1253619	1	Standard
[	**Be**	**9**	**0.000**	ug/L	0.000	87	5	7	25	Standard
	C	**13**		ug/L			26820	25347	1	Standard
	Cl	**37**		ug/L			8490587	8771799	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1342790	0	Standard
[	**Na**	**23**	**0.116**	ug/L	0.014	12	14812	17126	1	Standard
[	**Mg**	**24**	**0.044**	ug/L	0.004	10	2714	3910	3	Standard
[	**Al**	**27**	**0.166**	ug/L	0.002	1	4093	8526	0	Standard
[	**K**	**39**	**4.561**	ug/L	0.906	19	1124156	1211401	1	Standard
[	**Ca**	**44**	**-6.008**	ug/L	0.154	2	18718	10796	0	Standard
[	**V**	**51**	**-0.010**	ug/L	0.004	41	7142	6511	1	Standard
[	**V-1**	**51**	**0.014**	ug/L	0.001	4	449	888	3	Standard
[	**Cr**	**52**	**-0.046**	ug/L	0.018	39	21146	18962	1	Standard
[	**Cr**	**53**	**0.032**	ug/L	0.004	13	248	344	3	Standard
[	**Fe**	**54**	**0.159**	ug/L	0.635	399	98444	94775	1	Standard
[	**Fe**	**57**	**-10.598**	ug/L	0.518	4	26183	14683	2	Standard
[	**Mn**	**55**	**0.005**	ug/L	0.000	6	711	889	1	Standard
[>	**Ge**	**72**		ug/L			104395	92780	1	KED
[	**Co**	**59**	**-0.000**	ug/L	0.000	127	3	1	100	KED
[	**Ni**	**60**	**0.004**	ug/L	0.002	46	19	24	13	KED
[	**Ni**	**62**	**0.001**	ug/L	0.014	1155	3	3	124	KED
[	**Cu**	**63**	**0.005**	ug/L	0.003	56	76	92	13	KED
[	**Cu**	**65**	**0.007**	ug/L	0.003	39	36	50	14	KED
[	**Zn**	**66**	**0.224**	ug/L	0.027	12	35	196	11	KED
[	**Zn**	**67**	**0.178**	ug/L	0.032	17	9	29	13	KED
[	**As**	**75**	**-0.001**	ug/L	0.002	241	5	4	19	KED
[	**Se**	**78**	**-0.138**	ug/L	0.078	56	17	9	34	KED
	Y	**89**		ug/L			797774	700234	1	Standard
	Kr	**83**		ug/L			368	300	7	Standard
[>	**In-1**	**115**		ug/L			31030	22843	29	KED
[	**Mo**	**98**	**-0.011**	ug/L	0.002	18	32	6	61	KED
[	**Cd**	**111**	**0.003**	ug/L	0.006	201	3	3	41	KED
[	**Cd**	**114**	**-0.000**	ug/L	0.001	339	3	2	51	KED
[>	**In**	**115**		ug/L			1398199	1335340	1	Standard
[	**Ag**	**107**	**-0.002**	ug/L	0.001	23	89	37	28	Standard
[	**Ba**	**135**	**0.004**	ug/L	0.001	35	25	54	19	Standard
[	**Ba**	**137**	**0.004**	ug/L	0.001	29	38	92	17	Standard
[>	**Tb**	**159**		ug/L			2712647	2422742	0	Standard
[	**Tl**	**205**	**-0.001**	ug/L	0.000	22	160	77	18	Standard
[	**Pb**	**208**	**0.004**	ug/L	0.000	6	501	876	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:37:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1275773	1	Standard
⌊	**Be**	**9**	**49.787**	ug/L	0.416	0	5	399368	1	Standard
	C	**13**		ug/L			26820	25707	1	Standard
	Cl	**37**		ug/L			8490587	9235887	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1370619	1	Standard
⎢	**Na**	**23**	**4743.923**	ug/L	16.202	0	14812	122498401	1	Standard
⎢	**Mg**	**24**	**4794.128**	ug/L	104.064	2	2714	146455669	1	Standard
⎢	**Al**	**27**	**4775.776**	ug/L	63.394	1	4093	135206342	0	Standard
⎢	**K**	**39**	**4849.204**	ug/L	44.363	0	1124156	146721460	2	Standard
⎢	**Ca**	**44**	**4810.016**	ug/L	56.833	1	18718	5854110	1	Standard
⎢	**V**	**51**	**49.762**	ug/L	0.665	1	7142	1663177	1	Standard
⎢	**V-1**	**51**	**49.794**	ug/L	0.599	1	449	1673842	1	Standard
⎢	**Cr**	**52**	**49.290**	ug/L	0.794	1	21146	1456659	1	Standard
⎢	**Cr**	**53**	**49.404**	ug/L	0.579	1	248	168013	1	Standard
⎢	**Fe**	**54**	**4905.054**	ug/L	77.361	1	98444	13858139	1	Standard
⎢	**Fe**	**57**	**5061.196**	ug/L	64.837	1	26183	5098470	2	Standard
⌊	**Mn**	**55**	**48.543**	ug/L	0.701	1	711	2119858	0	Standard
⌈>	**Ge**	**72**		ug/L			104395	94137	0	KED
⎢	**Co**	**59**	**49.156**	ug/L	0.301	0	3	298143	0	KED
⎢	**Ni**	**60**	**49.338**	ug/L	0.324	0	19	84676	0	KED
⎢	**Ni**	**62**	**49.187**	ug/L	0.913	1	3	13722	1	KED
⎢	**Cu**	**63**	**49.859**	ug/L	0.419	0	76	245473	0	KED
⎢	**Cu**	**65**	**49.198**	ug/L	0.438	0	36	120286	0	KED
⎢	**Zn**	**66**	**50.224**	ug/L	0.266	0	35	37582	0	KED
⎢	**Zn**	**67**	**50.874**	ug/L	1.438	2	9	6218	2	KED
⎢	**As**	**75**	**48.614**	ug/L	0.445	0	5	17870	1	KED
⌊	**Se**	**78**	**49.285**	ug/L	1.182	2	17	2104	2	KED
	Y	**89**		ug/L			797774	713313	0	Standard
	Kr	**83**		ug/L			368	323	7	Standard
⌈>	**In-1**	**115**		ug/L			31030	27591	0	KED
⎢	**Mo**	**98**	**47.595**	ug/L	0.273	0	32	89420	1	KED
⎢	**Cd**	**111**	**49.511**	ug/L	0.417	0	3	22069	1	KED
⌊	**Cd**	**114**	**49.012**	ug/L	0.369	0	3	56724	1	KED
⌈>	**In**	**115**		ug/L			1398199	1336841	2	Standard
⎢	**Ag**	**107**	**48.136**	ug/L	1.542	3	89	969081	1	Standard
⎢	**Ba**	**135**	**45.739**	ug/L	0.304	0	25	375435	2	Standard
⌊	**Ba**	**137**	**45.737**	ug/L	0.562	1	38	672271	1	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2507835	1	Standard
⎢	**Tl**	**205**	**50.269**	ug/L	0.614	1	160	4581719	0	Standard
⌊	**Pb**	**208**	**52.097**	ug/L	0.551	1	501	6239402	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:46:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1269529	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	78	5	5	0	Standard
	C	**13**		ug/L			26820	25298	1	Standard
	Cl	**37**		ug/L			8490587	8821213	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1369218	0	Standard
⌈	**Na**	**23**	**-0.076**	ug/L	0.011	15	14812	12512	1	Standard
⌈	**Mg**	**24**	**0.010**	ug/L	0.002	22	2714	2943	2	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.002	11	4093	4412	0	Standard
⌈	**K**	**39**	**3.958**	ug/L	0.401	10	1124156	1217264	0	Standard
⌈	**Ca**	**44**	**-7.237**	ug/L	0.104	1	18718	9519	1	Standard
⌈	**V**	**51**	**-0.019**	ug/L	0.004	22	7142	6349	1	Standard
⌈	**V-1**	**51**	**0.010**	ug/L	0.001	8	449	759	3	Standard
⌈	**Cr**	**52**	**-0.070**	ug/L	0.012	17	21146	18627	1	Standard
⌈	**Cr**	**53**	**0.022**	ug/L	0.004	16	248	317	4	Standard
⌈	**Fe**	**54**	**-0.525**	ug/L	0.129	24	98444	94730	0	Standard
⌈	**Fe**	**57**	**-6.436**	ug/L	0.129	2	26183	19142	0	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	260	711	712	6	Standard
⌈>	**Ge**	**72**		ug/L			104395	90798	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	363	3	4	89	KED
⌈	**Ni**	**60**	**-0.001**	ug/L	0.006	739	19	15	61	KED
⌈	**Ni**	**62**	**0.004**	ug/L	0.007	180	3	3	50	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.002	159	76	73	14	KED
⌈	**Cu**	**65**	**0.004**	ug/L	0.005	111	36	41	27	KED
⌈	**Zn**	**66**	**0.005**	ug/L	0.018	323	35	34	37	KED
⌈	**Zn**	**67**	**-0.038**	ug/L	0.017	44	9	3	50	KED
⌈	**As**	**75**	**0.001**	ug/L	0.004	415	5	4	31	KED
⌊	**Se**	**78**	**0.032**	ug/L	0.102	320	17	16	25	KED
	Y	**89**		ug/L			797774	719147	1	Standard
	Kr	**83**		ug/L			368	352	4	Standard
⌈>	**In-1**	**115**		ug/L			31030	27528	2	KED
⌈	**Mo**	**98**	**0.021**	ug/L	0.001	4	32	66	4	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.003	698	3	3	45	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	294	3	4	72	KED
⌈>	**In**	**115**		ug/L			1398199	1356966	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	603	89	85	9	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	102	25	36	34	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	62	38	55	21	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2493533	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	35	160	232	12	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	118	501	443	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:53:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1283943	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	161	5	6	31	Standard
	C	**13**		ug/L			26820	44717	0	Standard
	Cl	**37**		ug/L			8490587	8792490	1	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1348033	1	Standard
⌈	**Na**	**23**	**3.242**	ug/L	0.103	3	14812	96555	1	Standard
⌈	**Mg**	**24**	**0.510**	ug/L	0.010	1	2714	17945	2	Standard
⌈	**Al**	**27**	**1.518**	ug/L	0.057	3	4093	46195	1	Standard
⌈	**K**	**39**	**5.538**	ug/L	0.356	6	1124156	1245136	1	Standard
⌈	**Ca**	**44**	**-1.934**	ug/L	0.221	11	18718	15698	1	Standard
⌈	**V**	**51**	**-0.002**	ug/L	0.003	148	7142	6802	2	Standard
⌈	**V-1**	**51**	**0.020**	ug/L	0.001	4	449	1077	2	Standard
⌈	**Cr**	**52**	**0.040**	ug/L	0.004	10	21146	21476	1	Standard
⌈	**Cr**	**53**	**0.107**	ug/L	0.011	10	248	595	5	Standard
⌈	**Fe**	**54**	**0.682**	ug/L	0.168	24	98444	96594	1	Standard
⌈	**Fe**	**57**	**-4.114**	ug/L	0.072	1	26183	21135	1	Standard
⌊	**Mn**	**55**	**0.216**	ug/L	0.005	2	711	9971	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	92055	3	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	268	3	2	86	KED
⌈	**Ni**	**60**	**0.027**	ug/L	0.006	22	19	62	13	KED
⌈	**Ni**	**62**	**0.025**	ug/L	0.001	4	3	9	0	KED
⌈	**Cu**	**63**	**0.031**	ug/L	0.001	3	76	217	4	KED
⌈	**Cu**	**65**	**0.033**	ug/L	0.002	6	36	110	6	KED
⌈	**Zn**	**66**	**0.408**	ug/L	0.047	11	35	328	7	KED
⌈	**Zn**	**67**	**0.403**	ug/L	0.093	23	9	56	20	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.003	75	5	3	36	KED
⌊	**Se**	**78**	**-0.095**	ug/L	0.050	52	17	11	20	KED
	Y	**89**		ug/L			797774	710459	0	Standard
	Kr	**83**		ug/L			368	292	10	Standard
⌈>	**In-1**	**115**		ug/L			31030	27007	2	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.008	202	32	34	38	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.001	467	3	3	17	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	149	3	4	46	KED
⌈>	**In**	**115**		ug/L			1398199	1338199	0	Standard
⌈	**Ag**	**107**	**-0.002**	ug/L	0.000	27	89	54	15	Standard
⌈	**Ba**	**135**	**0.007**	ug/L	0.002	33	25	83	23	Standard
⌊	**Ba**	**137**	**0.007**	ug/L	0.001	7	38	146	5	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2459393	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	194	160	137	11	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	20	501	694	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:58:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1203485	6	Standard
[	Be	9	26.050	ug/L	0.512	1	5	196982	4	Standard
	C	13		ug/L			26820	47840	1	Standard
	Cl	37		ug/L			8490587	9105169	0	Standard
[>	Sc	45		ug/L			1401124	1291629	4	Standard
[	Na	23	5031.787	ug/L	181.374	3	14812	122302766	1	Standard
[	Mg	24	5130.516	ug/L	114.109	2	2714	147617366	2	Standard
[	Al	27	5163.482	ug/L	149.984	2	4093	137646514	1	Standard
[	K	39	5259.517	ug/L	135.840	2	1124156	149758291	2	Standard
[	Ca	44	5292.142	ug/L	125.770	2	18718	6064158	2	Standard
[	V	51	25.855	ug/L	0.973	3	7142	816586	1	Standard
[	V-1	51	25.774	ug/L	0.953	3	449	815729	1	Standard
[	Cr	52	25.911	ug/L	0.860	3	21146	730154	1	Standard
[	Cr	53	25.651	ug/L	0.808	3	248	82233	1	Standard
[	Fe	54	5349.823	ug/L	211.408	3	98444	14218711	1	Standard
[	Fe	57	5409.219	ug/L	175.645	3	26183	5128221	1	Standard
[	Mn	55	26.718	ug/L	0.918	3	711	1098756	1	Standard
[>	Ge	72		ug/L			104395	92874	1	KED
[	Co	59	25.154	ug/L	0.789	3	3	150474	1	KED
[	Ni	60	25.051	ug/L	0.256	1	19	42421	0	KED
[	Ni	62	25.458	ug/L	0.959	3	3	7006	2	KED
[	Cu	63	25.000	ug/L	0.515	2	76	121448	1	KED
[	Cu	65	24.921	ug/L	0.413	1	36	60120	0	KED
[	Zn	66	80.911	ug/L	1.515	1	35	59703	0	KED
[	Zn	67	77.021	ug/L	2.261	2	9	9281	1	KED
[	As	75	24.520	ug/L	0.386	1	5	8893	1	KED
[	Se	78	79.633	ug/L	1.824	2	17	3344	1	KED
	Y	89		ug/L			797774	687825	7	Standard
	Kr	83		ug/L			368	325	5	Standard
[>	In-1	115		ug/L			31030	27151	2	KED
[	Mo	98	-0.005	ug/L	0.002	37	32	18	19	KED
[	Cd	111	25.083	ug/L	0.507	2	3	11002	1	KED
[	Cd	114	25.071	ug/L	0.322	1	3	28550	1	KED
[>	In	115		ug/L			1398199	1275640	7	Standard
[	Ag	107	25.376	ug/L	0.987	3	89	486842	3	Standard
[	Ba	135	24.360	ug/L	1.214	4	25	190354	2	Standard
[	Ba	137	24.079	ug/L	1.781	7	38	336608	0	Standard
[>	Tb	159		ug/L			2712647	2380143	5	Standard
[	Tl	205	26.976	ug/L	0.866	3	160	2331134	2	Standard
[	Pb	208	27.810	ug/L	1.175	4	501	3156882	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:03:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1303682	0	Standard
[	Be	9	0.001	ug/L	0.000	20	5	10	10	Standard
	C	13		ug/L			26820	44085	2	Standard
	Cl	37		ug/L			8490587	8791350	0	Standard
[>	Sc	45		ug/L			1401124	1357619	1	Standard
[	Na	23	2.975	ug/L	0.053	1	14812	90441	2	Standard
[	Mg	24	0.494	ug/L	0.053	10	2714	17570	8	Standard
[	Al	27	1.265	ug/L	0.027	2	4093	39426	1	Standard
[	K	39	6.301	ug/L	0.206	3	1124156	1276621	1	Standard
[	Ca	44	-2.612	ug/L	0.368	14	18718	14993	1	Standard
[	V	51	-0.001	ug/L	0.007	585	7142	6877	2	Standard
[	V-1	51	0.022	ug/L	0.001	5	449	1154	2	Standard
[	Cr	52	0.108	ug/L	0.019	17	21146	23599	1	Standard
[	Cr	53	0.177	ug/L	0.003	1	248	836	2	Standard
[	Fe	54	8.055	ug/L	0.184	2	98444	117770	0	Standard
[	Fe	57	2.368	ug/L	0.315	13	26183	27719	1	Standard
[	Mn	55	0.722	ug/L	0.009	1	711	31897	0	Standard
[>	Ge	72		ug/L			104395	92931	0	KED
[	Co	59	0.003	ug/L	0.003	74	3	24	64	KED
[	Ni	60	0.022	ug/L	0.005	21	19	55	15	KED
[	Ni	62	0.020	ug/L	0.008	40	3	8	26	KED
[	Cu	63	0.046	ug/L	0.004	8	76	289	5	KED
[	Cu	65	0.043	ug/L	0.014	32	36	137	24	KED
[	Zn	66	0.458	ug/L	0.069	14	35	370	14	KED
[	Zn	67	0.494	ug/L	0.191	38	9	67	33	KED
[	As	75	-0.003	ug/L	0.003	95	5	3	27	KED
[	Se	78	0.016	ug/L	0.039	242	17	16	9	KED
	Y	89		ug/L			797774	717679	0	Standard
	Kr	83		ug/L			368	317	4	Standard
[>	In-1	115		ug/L			31030	27483	0	KED
[	Mo	98	0.010	ug/L	0.003	31	32	46	11	KED
[	Cd	111	-0.001	ug/L	0.004	364	3	2	66	KED
[	Cd	114	-0.002	ug/L	0.003	163	3	1	271	KED
[>	In	115		ug/L			1398199	1331167	0	Standard
[	Ag	107	-0.000	ug/L	0.001	336	89	81	15	Standard
[	Ba	135	0.017	ug/L	0.002	11	25	160	10	Standard
[	Ba	137	0.016	ug/L	0.001	5	38	274	4	Standard
[>	Tb	159		ug/L			2712647	2455051	1	Standard
[	Tl	205	0.001	ug/L	0.000	20	160	237	6	Standard
[	Pb	208	0.002	ug/L	0.000	12	501	707	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BS3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:08:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1302100	1276100	1	Standard
⌊	Be	9	25.126	ug/L	0.371	1	5	201630	2	Standard
	C	13		ug/L			26820	51225	1	Standard
	Cl	37		ug/L			8490587	9103486	0	Standard
⌈>	Sc	45		ug/L			1401124	1367290	0	Standard
|	Na	23	4882.812	ug/L	83.266	1	14812	125777772	2	Standard
|	Mg	24	4887.633	ug/L	83.686	1	2714	148963214	1	Standard
|	Al	27	4959.582	ug/L	80.770	1	4093	140086328	1	Standard
|	K	39	4940.451	ug/L	97.501	1	1124156	149082167	1	Standard
|	Ca	44	5036.631	ug/L	133.096	2	18718	6114390	2	Standard
|	V	51	25.116	ug/L	0.731	2	7142	840900	3	Standard
|	V-1	51	25.088	ug/L	0.656	2	449	841579	2	Standard
|	Cr	52	25.012	ug/L	0.328	1	21146	747611	1	Standard
|	Cr	53	24.929	ug/L	0.240	0	248	84697	1	Standard
|	Fe	54	5041.951	ug/L	75.147	1	98444	14208315	1	Standard
|	Fe	57	5177.538	ug/L	105.299	2	26183	5202478	2	Standard
⌊	Mn	55	25.913	ug/L	0.328	1	711	1129394	1	Standard
⌈>	Ge	72		ug/L			104395	93127	0	KED
|	Co	59	25.311	ug/L	0.136	0	3	151869	0	KED
|	Ni	60	25.062	ug/L	0.319	1	19	42560	1	KED
|	Ni	62	25.489	ug/L	0.383	1	3	7036	1	KED
|	Cu	63	25.315	ug/L	0.281	1	76	123327	0	KED
|	Cu	65	25.137	ug/L	0.130	0	36	60814	0	KED
|	Zn	66	80.908	ug/L	0.924	1	35	59873	1	KED
|	Zn	67	78.553	ug/L	2.203	2	9	9493	2	KED
|	As	75	24.870	ug/L	0.107	0	5	9046	0	KED
⌊	Se	78	81.822	ug/L	1.651	2	17	3445	2	KED
	Y	89		ug/L			797774	719032	0	Standard
	Kr	83		ug/L			368	349	8	Standard
⌈>	In-1	115		ug/L			31030	27575	0	KED
|	Mo	98	-0.001	ug/L	0.002	137	32	26	12	KED
|	Cd	111	25.045	ug/L	0.137	0	3	11158	0	KED
⌊	Cd	114	25.212	ug/L	0.566	2	3	29160	1	KED
⌈>	In	115		ug/L			1398199	1315958	1	Standard
|	Ag	107	24.038	ug/L	0.141	0	89	476584	1	Standard
|	Ba	135	24.035	ug/L	0.524	2	25	194156	0	Standard
⌊	Ba	137	23.772	ug/L	0.179	0	38	344008	1	Standard
⌈>	Tb	159		ug/L			2712647	2484788	1	Standard
|	Tl	205	26.161	ug/L	0.426	1	160	2363145	2	Standard
⌊	Pb	208	27.164	ug/L	0.199	0	501	3224046	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-19
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:12:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1269548	6	Standard
[	Be	9	0.000	ug/L	0.000	93	5	8	35	Standard
	C	13		ug/L			26820	45849	1	Standard
	Cl	37		ug/L			8490587	8721206	0	Standard
[>	Sc	45		ug/L			1401124	1330174	6	Standard
[	Na	23	7.167	ug/L	0.455	6	14812	193133	1	Standard
[	Mg	24	1.117	ug/L	0.067	5	2714	35612	4	Standard
[	Al	27	2.746	ug/L	0.202	7	4093	79092	0	Standard
[	K	39	8.477	ug/L	3.052	36	1124156	1310253	0	Standard
[	Ca	44	-0.839	ug/L	0.915	109	18718	16734	1	Standard
[	V	51	0.008	ug/L	0.014	171	7142	7029	0	Standard
[	V-1	51	0.022	ug/L	0.003	12	449	1153	3	Standard
[	Cr	52	0.091	ug/L	0.053	58	21146	22593	1	Standard
[	Cr	53	0.133	ug/L	0.014	10	248	673	0	Standard
[	Fe	54	9.225	ug/L	3.931	42	98444	118097	2	Standard
[	Fe	57	-2.535	ug/L	1.653	65	26183	22319	0	Standard
[	Mn	55	0.340	ug/L	0.024	7	711	15043	1	Standard
[>	Ge	72		ug/L			104395	93736	1	KED
[	Co	59	0.003	ug/L	0.001	27	3	24	25	KED
[	Ni	60	0.054	ug/L	0.005	8	19	109	6	KED
[	Ni	62	0.067	ug/L	0.004	6	3	21	5	KED
[	Cu	63	0.043	ug/L	0.003	6	76	280	3	KED
[	Cu	65	0.044	ug/L	0.009	19	36	140	16	KED
[	Zn	66	0.449	ug/L	0.050	11	35	366	11	KED
[	Zn	67	0.450	ug/L	0.158	35	9	63	32	KED
[	As	75	-0.001	ug/L	0.005	422	5	4	40	KED
[	Se	78	0.004	ug/L	0.050	1186	17	15	12	KED
	Y	89		ug/L			797774	701862	6	Standard
	Kr	83		ug/L			368	314	4	Standard
[>	In-1	115		ug/L			31030	27109	1	KED
[	Mo	98	0.006	ug/L	0.002	32	32	40	8	KED
[	Cd	111	-0.001	ug/L	0.004	332	3	2	57	KED
[	Cd	114	0.000	ug/L	0.004	2140	3	3	145	KED
[>	In	115		ug/L			1398199	1306816	6	Standard
[	Ag	107	0.003	ug/L	0.004	137	89	137	48	Standard
[	Ba	135	0.020	ug/L	0.002	11	25	182	15	Standard
[	Ba	137	0.019	ug/L	0.004	23	38	306	17	Standard
[>	Tb	159		ug/L			2712647	2453289	6	Standard
[	Tl	205	0.001	ug/L	0.000	32	160	242	17	Standard
[	Pb	208	0.006	ug/L	0.001	13	501	1133	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:17:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1241784	1	Standard
[	Be	9	0.003	ug/L	0.001	26	5	27	20	Standard
	C	13		ug/L			26820	44168	1	Standard
	Cl	37		ug/L			8490587	8329543	1	Standard
[>	Sc	45		ug/L			1401124	1586562	1	Standard
[	Na	23	3817.387	ug/L	29.322	0	14812	114096077	1	Standard
[	Mg	24	8038.301	ug/L	29.502	0	2714	284280427	1	Standard
[	Al	27	6.509	ug/L	0.101	1	4093	217935	1	Standard
[	K	39	3846.162	ug/L	49.874	1	1124156	134954950	1	Standard
[	Ca	44	57591.727	ug/L	557.809	0	18718	80900425	1	Standard
[	V	51	0.363	ug/L	0.006	1	7142	22060	2	Standard
[	V-1	51	0.426	ug/L	0.004	0	449	17084	2	Standard
[	Cr	52	0.076	ug/L	0.005	6	21146	26506	2	Standard
[	Cr	53	0.285	ug/L	0.002	0	248	1403	1	Standard
[	Fe	54	10.323	ug/L	0.148	1	98444	145008	2	Standard
[	Fe	57	142.434	ug/L	1.489	1	26183	194881	1	Standard
[	Mn	55	37.735	ug/L	0.312	0	711	1908134	2	Standard
[>	Ge	72		ug/L			104395	81377	1	KED
[	Co	59	0.224	ug/L	0.010	4	3	1177	3	KED
[	Ni	60	0.127	ug/L	0.003	2	19	203	2	KED
[	Ni	62	0.145	ug/L	0.045	31	3	37	29	KED
[	Cu	63	0.227	ug/L	0.019	8	76	1025	7	KED
[	Cu	65	0.234	ug/L	0.009	3	36	523	4	KED
[	Zn	66	0.798	ug/L	0.035	4	35	543	4	KED
[	Zn	67	1.646	ug/L	0.202	12	9	180	10	KED
[	As	75	0.065	ug/L	0.011	16	5	24	12	KED
[	Se	78	0.066	ug/L	0.087	130	17	16	21	KED
	Y	89		ug/L			797774	712532	2	Standard
	Kr	83		ug/L			368	295	8	Standard
[>	In-1	115		ug/L			31030	24789	1	KED
[	Mo	98	0.706	ug/L	0.016	2	32	1216	2	KED
[	Cd	111	0.118	ug/L	0.008	6	3	50	7	KED
[	Cd	114	0.077	ug/L	0.004	4	3	83	6	KED
[>	In	115		ug/L			1398199	1385698	1	Standard
[	Ag	107	-0.000	ug/L	0.000	87	89	79	8	Standard
[	Ba	135	18.441	ug/L	0.120	0	25	156902	1	Standard
[	Ba	137	17.973	ug/L	0.124	0	38	273888	1	Standard
[>	Tb	159		ug/L			2712647	2499960	0	Standard
[	Tl	205	0.001	ug/L	0.000	11	160	202	2	Standard
[	Pb	208	0.005	ug/L	0.000	6	501	1046	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:22:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1243140	1	Standard
[	Be	9	0.002	ug/L	0.000	16	5	23	12	Standard
	C	13		ug/L			26820	48582	1	Standard
	Cl	37		ug/L			8490587	8473926	0	Standard
[>	Sc	45		ug/L			1401124	1658944	1	Standard
[	Na	23	3769.540	ug/L	53.750	1	14812	117809658	1	Standard
[	Mg	24	8084.341	ug/L	22.435	0	2714	298963082	0	Standard
[	Al	27	7.019	ug/L	0.140	1	4093	245342	0	Standard
[	K	39	3941.886	ug/L	51.865	1	1124156	144587871	0	Standard
[	Ca	44	59125.183	ug/L	974.925	1	18718	86846319	1	Standard
[	V	51	0.379	ug/L	0.005	1	7142	23743	1	Standard
[	V-1	51	0.447	ug/L	0.005	1	449	18696	2	Standard
[	Cr	52	0.195	ug/L	0.010	5	21146	31910	1	Standard
[	Cr	53	0.413	ug/L	0.006	1	248	1991	2	Standard
[	Fe	54	11.217	ug/L	0.481	4	98444	154653	1	Standard
[	Fe	57	152.031	ug/L	2.837	1	26183	215427	1	Standard
[	Mn	55	37.586	ug/L	0.509	1	711	1986928	0	Standard
[>	Ge	72		ug/L			104395	79727	0	KED
[	Co	59	0.229	ug/L	0.008	3	3	1181	4	KED
[	Ni	60	0.134	ug/L	0.014	10	19	209	8	KED
[	Ni	62	0.100	ug/L	0.045	45	3	26	41	KED
[	Cu	63	0.230	ug/L	0.003	1	76	1019	1	KED
[	Cu	65	0.252	ug/L	0.029	11	36	549	11	KED
[	Zn	66	0.772	ug/L	0.048	6	35	516	6	KED
[	Zn	67	1.446	ug/L	0.116	8	9	156	8	KED
[	As	75	0.059	ug/L	0.004	6	5	22	4	KED
[	Se	78	-0.004	ug/L	0.071	1739	17	13	19	KED
	Y	89		ug/L			797774	716569	0	Standard
	Kr	83		ug/L			368	306	13	Standard
[>	In-1	115		ug/L			31030	24651	1	KED
[	Mo	98	0.707	ug/L	0.006	0	32	1212	1	KED
[	Cd	111	0.094	ug/L	0.010	10	3	40	9	KED
[	Cd	114	0.096	ug/L	0.026	27	3	102	25	KED
[>	In	115		ug/L			1398199	1454532	0	Standard
[	Ag	107	0.000	ug/L	0.001	1175	89	95	26	Standard
[	Ba	135	18.087	ug/L	0.060	0	25	161547	0	Standard
[	Ba	137	17.469	ug/L	0.089	0	38	279464	1	Standard
[>	Tb	159		ug/L			2712647	2556643	1	Standard
[	Tl	205	0.001	ug/L	0.000	22	160	224	8	Standard
[	Pb	208	0.006	ug/L	0.000	6	501	1198	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:27:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1228868	0	Standard
[	Be	9	24.570	ug/L	0.407	1	5	189844	1	Standard
	C	13		ug/L			26820	50962	0	Standard
	Cl	37		ug/L			8490587	8114988	0	Standard
[>	Sc	45		ug/L			1401124	1672010	2	Standard
[	Na	23	7456.730	ug/L	107.669	1	14812	234819978	0	Standard
[	Mg	24	11778.255	ug/L	236.080	2	2714	438896028	1	Standard
[	Al	27	3915.789	ug/L	73.560	1	4093	135214547	0	Standard
[	K	39	8061.378	ug/L	104.731	1	1124156	296666186	3	Standard
[	Ca	44	63968.374	ug/L	1820.017	2	18718	94663336	0	Standard
[	V	51	22.281	ug/L	0.522	2	7142	912850	0	Standard
[	V-1	51	22.285	ug/L	0.541	2	449	913832	1	Standard
[	Cr	52	21.589	ug/L	0.719	3	21146	792133	1	Standard
[	Cr	53	21.622	ug/L	0.652	3	248	89825	0	Standard
[	Fe	54	4381.452	ug/L	53.425	1	98444	15112119	1	Standard
[	Fe	57	4902.707	ug/L	28.270	0	26183	6025264	1	Standard
[	Mn	55	58.661	ug/L	1.300	2	711	3124170	0	Standard
[>	Ge	72		ug/L			104395	77832	1	KED
[	Co	59	26.264	ug/L	0.478	1	3	131679	0	KED
[	Ni	60	26.296	ug/L	0.392	1	19	37313	0	KED
[	Ni	62	26.400	ug/L	0.608	2	3	6091	3	KED
[	Cu	63	24.991	ug/L	0.377	1	76	101746	1	KED
[	Cu	65	25.171	ug/L	0.613	2	36	50884	1	KED
[	Zn	66	79.491	ug/L	1.314	1	35	49160	1	KED
[	Zn	67	76.137	ug/L	1.217	1	9	7689	1	KED
[	As	75	25.553	ug/L	0.126	0	5	7767	1	KED
[	Se	78	80.175	ug/L	0.972	1	17	2821	1	KED
	Y	89		ug/L			797774	720970	0	Standard
	Kr	83		ug/L			368	371	10	Standard
[>	In-1	115		ug/L			31030	24899	0	KED
[	Mo	98	0.722	ug/L	0.011	1	32	1249	1	KED
[	Cd	111	24.845	ug/L	0.114	0	3	9995	0	KED
[	Cd	114	25.056	ug/L	0.123	0	3	26169	0	KED
[>	In	115		ug/L			1398199	1434021	1	Standard
[	Ag	107	23.875	ug/L	0.457	1	89	515772	1	Standard
[	Ba	135	39.646	ug/L	0.275	0	25	349067	1	Standard
[	Ba	137	38.951	ug/L	0.163	0	38	614239	1	Standard
[>	Tb	159		ug/L			2712647	2578063	0	Standard
[	Tl	205	26.121	ug/L	0.141	0	160	2447736	0	Standard
[	Pb	208	26.663	ug/L	0.198	0	501	3283199	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:32:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1195685	3	Standard
[	Be	9	25.372	ug/L	0.736	2	5	190655	1	Standard
	C	13		ug/L			26820	51103	0	Standard
	Cl	37		ug/L			8490587	7838217	0	Standard
[>	Sc	45		ug/L			1401124	1616492	2	Standard
[	Na	23	7646.271	ug/L	222.936	2	14812	232763561	1	Standard
[	Mg	24	12200.505	ug/L	193.165	1	2714	439541676	0	Standard
[	Al	27	4005.343	ug/L	127.821	3	4093	133706222	2	Standard
[	K	39	8158.826	ug/L	161.972	1	1124156	290181497	1	Standard
[	Ca	44	64783.362	ug/L	1623.030	2	18718	92701626	1	Standard
[	V	51	23.017	ug/L	0.229	0	7142	911619	1	Standard
[	V-1	51	23.059	ug/L	0.292	1	449	914325	0	Standard
[	Cr	52	22.075	ug/L	0.175	0	21146	782862	1	Standard
[	Cr	53	22.237	ug/L	0.370	1	248	89328	1	Standard
[	Fe	54	4511.120	ug/L	76.985	1	98444	15038361	0	Standard
[	Fe	57	5120.519	ug/L	62.520	1	26183	6082394	1	Standard
[	Mn	55	59.955	ug/L	0.090	0	711	3088161	2	Standard
[>	Ge	72		ug/L			104395	77313	1	KED
[	Co	59	26.724	ug/L	0.200	0	3	133127	1	KED
[	Ni	60	25.912	ug/L	0.080	0	19	36530	1	KED
[	Ni	62	25.878	ug/L	0.598	2	3	5931	3	KED
[	Cu	63	25.538	ug/L	0.186	0	76	103286	0	KED
[	Cu	65	25.405	ug/L	0.128	0	36	51028	1	KED
[	Zn	66	78.625	ug/L	0.398	0	35	48305	1	KED
[	Zn	67	75.854	ug/L	1.040	1	9	7610	1	KED
[	As	75	25.557	ug/L	0.129	0	5	7717	1	KED
[	Se	78	81.268	ug/L	1.608	1	17	2841	2	KED
	Y	89		ug/L			797774	693887	0	Standard
	Kr	83		ug/L			368	331	13	Standard
[>	In-1	115		ug/L			31030	24240	0	KED
[	Mo	98	0.778	ug/L	0.018	2	32	1309	2	KED
[	Cd	111	25.780	ug/L	0.223	0	3	10096	0	KED
[	Cd	114	25.627	ug/L	0.290	1	3	26057	1	KED
[>	In	115		ug/L			1398199	1404203	2	Standard
[	Ag	107	24.552	ug/L	0.687	2	89	519202	0	Standard
[	Ba	135	40.798	ug/L	0.957	2	25	351603	0	Standard
[	Ba	137	39.778	ug/L	0.840	2	38	614015	0	Standard
[>	Tb	159		ug/L			2712647	2502600	0	Standard
[	Tl	205	26.636	ug/L	0.139	0	160	2422926	0	Standard
[	Pb	208	27.574	ug/L	0.394	1	501	3295835	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:38:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1258957	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	242	5	7	66	Standard
	C	**13**		ug/L			26820	25934	1	Standard
	Cl	**37**		ug/L			8490587	8772966	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1436242	0	Standard
⌈	**Na**	**23**	**0.160**	ug/L	0.091	56	14812	19524	12	Standard
⌈	**Mg**	**24**	**0.211**	ug/L	0.191	90	2714	9556	64	Standard
⌈	**Al**	**27**	**0.195**	ug/L	0.045	23	4093	9984	13	Standard
⌈	**K**	**39**	**1.823**	ug/L	0.442	24	1124156	1209687	1	Standard
⌈	**Ca**	**44**	**-6.812**	ug/L	1.008	14	18718	10527	12	Standard
⌈	**V**	**51**	**-0.022**	ug/L	0.005	22	7142	6552	2	Standard
⌈	**V-1**	**51**	**0.004**	ug/L	0.000	11	449	597	2	Standard
⌈	**Cr**	**52**	**-0.076**	ug/L	0.015	19	21146	19340	2	Standard
⌈	**Cr**	**53**	**0.007**	ug/L	0.001	10	248	281	1	Standard
⌈	**Fe**	**54**	**-0.440**	ug/L	0.514	116	98444	99613	1	Standard
⌈	**Fe**	**57**	**-5.894**	ug/L	0.158	2	26183	20648	0	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	34	711	929	7	Standard
⌈>	**Ge**	**72**		ug/L			104395	83243	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.001	65	3	8	44	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.001	28	19	12	9	KED
⌈	**Ni**	**62**	**0.005**	ug/L	0.014	258	3	3	86	KED
⌈	**Cu**	**63**	**0.007**	ug/L	0.002	30	76	90	8	KED
⌈	**Cu**	**65**	**0.006**	ug/L	0.006	99	36	42	29	KED
⌈	**Zn**	**66**	**0.257**	ug/L	0.015	5	35	198	5	KED
⌈	**Zn**	**67**	**0.136**	ug/L	0.042	31	9	22	19	KED
⌈	**As**	**75**	**0.000**	ug/L	0.002	756	5	4	19	KED
⌊	**Se**	**78**	**-0.075**	ug/L	0.043	56	17	11	16	KED
	Y	**89**		ug/L			797774	710963	0	Standard
	Kr	**83**		ug/L			368	338	5	Standard
⌈>	**In-1**	**115**		ug/L			31030	26109	1	KED
⌈	**Mo**	**98**	**-0.011**	ug/L	0.002	19	32	6	59	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	340	3	2	86	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.001	27	3	6	15	KED
⌈>	**In**	**115**		ug/L			1398199	1442073	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	210	89	101	19	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.002	53	25	57	29	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	19	38	105	13	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2444221	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	875	160	139	28	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	10	501	1027	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:44:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1248729	1	Standard
[	**Be**	**9**	**50.048**	ug/L	1.313	2	5	392870	1	Standard
	C	**13**		ug/L			26820	25802	1	Standard
	Cl	**37**		ug/L			8490587	8930260	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1422251	0	Standard
[	**Na**	**23**	**4345.715**	ug/L	58.060	1	14812	116442528	1	Standard
[	**Mg**	**24**	**4583.438**	ug/L	56.091	1	2714	145313260	0	Standard
[	**Al**	**27**	**4508.337**	ug/L	62.534	1	4093	132461231	1	Standard
[	**K**	**39**	**4877.977**	ug/L	171.927	3	1124156	153149792	3	Standard
[	**Ca**	**44**	**4915.814**	ug/L	95.274	1	18718	6208168	1	Standard
[	**V**	**51**	**48.635**	ug/L	0.938	1	7142	1687060	2	Standard
[	**V-1**	**51**	**48.701**	ug/L	0.860	1	449	1698909	2	Standard
[	**Cr**	**52**	**48.785**	ug/L	0.960	1	21146	1496428	2	Standard
[	**Cr**	**53**	**48.990**	ug/L	0.985	2	248	172885	2	Standard
[	**Fe**	**54**	**4940.069**	ug/L	66.573	1	98444	14483027	1	Standard
[	**Fe**	**57**	**5196.976**	ug/L	97.282	1	26183	5431921	2	Standard
[	**Mn**	**55**	**48.091**	ug/L	0.576	1	711	2179571	1	Standard
[>	**Ge**	**72**		ug/L			104395	84031	0	KED
[	**Co**	**59**	**50.516**	ug/L	0.446	0	3	273490	0	KED
[	**Ni**	**60**	**50.500**	ug/L	0.472	0	19	77368	1	KED
[	**Ni**	**62**	**50.334**	ug/L	0.750	1	3	12535	1	KED
[	**Cu**	**63**	**50.672**	ug/L	0.232	0	76	222687	0	KED
[	**Cu**	**65**	**50.385**	ug/L	0.279	0	36	109959	0	KED
[	**Zn**	**66**	**52.189**	ug/L	0.360	0	35	34859	1	KED
[	**Zn**	**67**	**49.741**	ug/L	0.470	0	9	5427	0	KED
[	**As**	**75**	**48.832**	ug/L	0.347	0	5	16022	0	KED
[	**Se**	**78**	**49.769**	ug/L	1.438	2	17	1896	3	KED
	Y	**89**		ug/L			797774	709822	2	Standard
	Kr	**83**		ug/L			368	346	6	Standard
[>	**In-1**	**115**		ug/L			31030	25851	0	KED
[	**Mo**	**98**	**47.798**	ug/L	0.525	1	32	84133	0	KED
[	**Cd**	**111**	**50.552**	ug/L	0.509	1	3	21111	0	KED
[	**Cd**	**114**	**49.857**	ug/L	0.201	0	3	54062	0	KED
[>	**In**	**115**		ug/L			1398199	1404575	1	Standard
[	**Ag**	**107**	**49.730**	ug/L	0.259	0	89	1052396	2	Standard
[	**Ba**	**135**	**42.582**	ug/L	0.630	1	25	367181	0	Standard
[	**Ba**	**137**	**42.236**	ug/L	0.697	1	38	652349	1	Standard
[>	**Tb**	**159**		ug/L			2712647	2487338	0	Standard
[	**Tl**	**205**	**51.352**	ug/L	0.427	0	160	4642497	0	Standard
[	**Pb**	**208**	**52.939**	ug/L	0.135	0	501	6288889	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:52:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1252369	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	75	5	2	86	Standard
	C	**13**		ug/L			26820	23991	1	Standard
	Cl	**37**		ug/L			8490587	8713399	1	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1428884	2	Standard
⌈	**Na**	**23**	**-0.104**	ug/L	0.009	9	14812	12315	1	Standard
⌈	**Mg**	**24**	**0.020**	ug/L	0.003	15	2714	3388	0	Standard
⌈	**Al**	**27**	**-0.008**	ug/L	0.003	38	4093	3941	2	Standard
⌈	**K**	**39**	**1.757**	ug/L	0.906	51	1124156	1200935	0	Standard
⌈	**Ca**	**44**	**-8.596**	ug/L	0.183	2	18718	8211	0	Standard
⌈	**V**	**51**	**-0.036**	ug/L	0.005	13	7142	6044	0	Standard
⌈	**V-1**	**51**	**0.001**	ug/L	0.001	62	449	497	2	Standard
⌈	**Cr**	**52**	**-0.125**	ug/L	0.016	12	21146	17764	0	Standard
⌈	**Cr**	**53**	**-0.006**	ug/L	0.003	50	248	233	1	Standard
⌈	**Fe**	**54**	**-1.716**	ug/L	0.908	52	98444	95326	0	Standard
⌈	**Fe**	**57**	**-7.871**	ug/L	0.380	4	26183	18469	0	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	221	711	695	6	Standard
⌈>	**Ge**	**72**		ug/L			104395	85011	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	147	3	5	57	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.003	132	19	12	31	KED
⌈	**Ni**	**62**	**0.012**	ug/L	0.001	4	3	5	0	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.002	71	76	76	15	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.005	146	36	37	28	KED
⌈	**Zn**	**66**	**-0.004**	ug/L	0.009	214	35	26	25	KED
⌈	**Zn**	**67**	**-0.025**	ug/L	0.025	102	9	5	57	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.006	193	5	3	57	KED
⌊	**Se**	**78**	**-0.054**	ug/L	0.062	114	17	12	20	KED
	Y	**89**		ug/L			797774	710781	2	Standard
	Kr	**83**		ug/L			368	303	8	Standard
⌈>	**In-1**	**115**		ug/L			31030	25561	1	KED
⌈	**Mo**	**98**	**0.023**	ug/L	0.002	8	32	66	6	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.001	93	3	2	21	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	64	3	1	98	KED
⌈>	**In**	**115**		ug/L			1398199	1424689	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	90	89	101	8	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	1210	25	25	22	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	518	38	41	30	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2476770	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	3	160	280	1	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	388	501	470	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:58:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L				1207833	2	Standard
	Be	9		ug/L				6	15	Standard
	C	13		ug/L				23638	1	Standard
	Cl	37		ug/L				8688083	0	Standard
>	Sc	45		ug/L				1340786	2	Standard
	Na	23		ug/L				37122	3	Standard
	Mg	24		ug/L				4302	6	Standard
	Al	27		ug/L				4418	4	Standard
	K	39		ug/L				1211710	1	Standard
	Ca	44		ug/L				9439	0	Standard
	V	51		ug/L				5885	1	Standard
	V-1	51		ug/L				466	3	Standard
	Cr	52		ug/L				17376	2	Standard
	Cr	53		ug/L				230	6	Standard
	Fe	54		ug/L				91382	1	Standard
	Fe	57		ug/L				17833	1	Standard
	Mn	55		ug/L				1083	1	Standard
>	Ge	72		ug/L				83230	2	KED
	Co	59		ug/L				4	65	KED
	Ni	60		ug/L				17	61	KED
	Ni	62		ug/L				3	0	KED
	Cu	63		ug/L				116	21	KED
	Cu	65		ug/L				55	7	KED
	Zn	66		ug/L				151	20	KED
	Zn	67		ug/L				18	15	KED
	As	75		ug/L				3	22	KED
	Se	78		ug/L				12	21	KED
	Y	89		ug/L				663280	3	Standard
	Kr	83		ug/L				296	9	Standard
>	In-1	115		ug/L				26379	1	KED
	Mo	98		ug/L				15	23	KED
	Cd	111		ug/L				1	100	KED
	Cd	114		ug/L				1	110	KED
>	In	115		ug/L				1341444	3	Standard
	Ag	107		ug/L				134	7	Standard
	Ba	135		ug/L				506	10	Standard
	Ba	137		ug/L				855	9	Standard
>	Tb	159		ug/L				2351464	0	Standard
	Tl	205		ug/L				146	8	Standard
	Pb	208		ug/L				535	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:03:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1236309	2	Standard
[	**Be**	**9**	**49.958**	ug/L	1.163	2	6	388250	0	Standard
	C	**13**		ug/L			23638	24517	1	Standard
	Cl	**37**		ug/L			8688083	8916806	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1371192	1	Standard
[	**Na**	**23**	**4421.646**	ug/L	49.629	1	37122	114235255	0	Standard
[	**Mg**	**24**	**4681.733**	ug/L	79.871	1	4302	143127510	3	Standard
[	**Al**	**27**	**4614.423**	ug/L	49.998	1	4418	130699274	1	Standard
[	**K**	**39**	**4919.458**	ug/L	42.885	0	1211710	149036516	2	Standard
[	**Ca**	**44**	**4907.352**	ug/L	40.321	0	9439	5966054	0	Standard
[	**V**	**51**	**48.407**	ug/L	1.006	2	5885	1617502	0	Standard
[	**V-1**	**51**	**48.382**	ug/L	0.887	1	466	1626840	0	Standard
[	**Cr**	**52**	**48.753**	ug/L	0.309	0	17376	1438694	0	Standard
[	**Cr**	**53**	**48.663**	ug/L	0.227	0	230	165558	1	Standard
[	**Fe**	**54**	**4916.279**	ug/L	90.301	1	91382	13891253	0	Standard
[	**Fe**	**57**	**5152.114**	ug/L	71.796	1	17833	5183672	0	Standard
[	**Mn**	**55**	**48.398**	ug/L	0.194	0	1083	2115036	1	Standard
[>	**Ge**	**72**		ug/L			83230	84963	1	KED
[	**Co**	**59**	**49.395**	ug/L	0.152	0	4	270394	1	KED
[	**Ni**	**60**	**49.390**	ug/L	0.750	1	17	76495	0	KED
[	**Ni**	**62**	**49.996**	ug/L	0.764	1	3	12590	2	KED
[	**Cu**	**63**	**50.413**	ug/L	0.673	1	116	224046	0	KED
[	**Cu**	**65**	**49.594**	ug/L	0.171	0	55	109462	1	KED
[	**Zn**	**66**	**50.300**	ug/L	0.386	0	151	34094	1	KED
[	**Zn**	**67**	**49.729**	ug/L	2.160	4	18	5495	3	KED
[	**As**	**75**	**48.465**	ug/L	0.510	1	3	16078	1	KED
[	**Se**	**78**	**50.574**	ug/L	1.668	3	12	1947	3	KED
	Y	**89**		ug/L			663280	699593	1	Standard
	Kr	**83**		ug/L			296	318	3	Standard
[>	**In-1**	**115**		ug/L			26379	25406	2	KED
[	**Mo**	**98**	**47.291**	ug/L	0.562	1	15	81786	1	KED
[	**Cd**	**111**	**50.015**	ug/L	0.426	0	1	20527	2	KED
[	**Cd**	**114**	**49.379**	ug/L	0.742	1	1	52607	1	KED
[>	**In**	**115**		ug/L			1341444	1343075	2	Standard
[	**Ag**	**107**	**49.204**	ug/L	0.623	1	134	995531	1	Standard
[	**Ba**	**135**	**44.013**	ug/L	1.292	2	506	363260	0	Standard
[	**Ba**	**137**	**43.071**	ug/L	1.387	3	855	636633	0	Standard
[>	**Tb**	**159**		ug/L			2351464	2417050	0	Standard
[	**Tl**	**205**	**51.472**	ug/L	0.116	0	146	4521872	0	Standard
[	**Pb**	**208**	**52.830**	ug/L	0.988	1	535	6098796	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:10:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1218557	0	Standard
	Be	**9**	**0.000**	ug/L	0.001	885	6	7	66	Standard
	C	**13**		ug/L			23638	23160	0	Standard
	Cl	**37**		ug/L			8688083	8603796	1	Standard
>	**Sc**	**45**		ug/L			1340786	1358368	0	Standard
	Na	**23**	**1.469**	ug/L	0.024	1	37122	75207	1	Standard
	Mg	**24**	**0.129**	ug/L	0.002	1	4302	8262	1	Standard
	Al	**27**	**0.287**	ug/L	0.010	3	4418	12534	3	Standard
	K	**39**	**-0.023**	ug/L	0.228	969	1211710	1226883	0	Standard
	Ca	**44**	**4.142**	ug/L	0.153	3	9439	14544	1	Standard
	V	**51**	**-0.001**	ug/L	0.001	144	5885	5936	1	Standard
	V-1	**51**	**-0.001**	ug/L	0.000	30	466	451	2	Standard
	Cr	**52**	**-0.006**	ug/L	0.005	81	17376	17431	0	Standard
	Cr	**53**	**-0.005**	ug/L	0.002	31	230	215	2	Standard
	Fe	**54**	**3.342**	ug/L	0.538	16	91382	101880	2	Standard
	Fe	**57**	**4.530**	ug/L	0.511	11	17833	22564	1	Standard
	Mn	**55**	**0.061**	ug/L	0.001	1	1083	3724	1	Standard
>	**Ge**	**72**		ug/L			83230	83694	3	KED
	Co	**59**	**0.000**	ug/L	0.001	111	4	6	41	KED
	Ni	**60**	**0.018**	ug/L	0.006	32	17	45	17	KED
	Ni	**62**	**0.003**	ug/L	0.009	352	3	4	49	KED
	Cu	**63**	**0.033**	ug/L	0.005	15	116	260	11	KED
	Cu	**65**	**0.035**	ug/L	0.008	21	55	132	10	KED
	Zn	**66**	**0.381**	ug/L	0.013	3	151	405	3	KED
	Zn	**67**	**0.368**	ug/L	0.069	18	18	58	13	KED
	As	**75**	**0.002**	ug/L	0.006	345	3	3	54	KED
	Se	**78**	**-0.048**	ug/L	0.059	122	12	11	22	KED
	Y	**89**		ug/L			663280	685429	0	Standard
	Kr	**83**		ug/L			296	317	2	Standard
>	**In-1**	**115**		ug/L			26379	25276	4	KED
	Mo	**98**	**0.029**	ug/L	0.004	15	15	63	16	KED
	Cd	**111**	**-0.001**	ug/L	0.003	515	1	1	69	KED
	Cd	**114**	**0.002**	ug/L	0.003	177	1	3	94	KED
>	**In**	**115**		ug/L			1341444	1361651	0	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	25	134	107	7	Standard
	Ba	**135**	**-0.047**	ug/L	0.001	1	506	124	3	Standard
	Ba	**137**	**-0.046**	ug/L	0.002	3	855	185	13	Standard
>	**Tb**	**159**		ug/L			2351464	2376558	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	14	146	347	9	Standard
	Pb	**208**	**0.006**	ug/L	0.000	5	535	1219	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Monday, June 28, 2021 19:17:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1071711	1	Standard
	Be	9	0.005	ug/L	0.001	15	6	40	11	Standard
	C	13		ug/L			23638	36554	0	Standard
	Cl	37		ug/L			8688083	7692322	1	Standard
>	Sc	45		ug/L			1340786	998261	1	Standard
	Na	23	S	ug/L	S	S	37122	S	S	Standard
	Mg	24	74.071	ug/L	0.641	0	4302	1651441	1	Standard
	Al	27	120.952	ug/L	0.772	0	4418	2497506	1	Standard
	K	39	53044.037	ug/L	2117.364	3	1211710	1161480345	5	Standard
	Ca	44	32653.359	ug/L	598.558	1	9439	28868822	3	Standard
	V	51	0.692	ug/L	0.012	1	5885	21158	2	Standard
	V-1	51	0.781	ug/L	0.002	0	466	19465	1	Standard
	Cr	52	1.230	ug/L	0.002	0	17376	39036	1	Standard
	Cr	53	1.496	ug/L	0.044	2	230	3869	1	Standard
	Fe	54	2351.299	ug/L	42.288	1	91382	4873943	3	Standard
	Fe	57	2549.462	ug/L	30.815	1	17833	1874326	1	Standard
	Mn	55	16.817	ug/L	0.041	0	1083	535577	1	Standard
>	Ge	72		ug/L			83230	63689	1	KED
	Co	59	0.238	ug/L	0.008	3	4	977	2	KED
	Ni	60	4.264	ug/L	0.096	2	17	4962	1	KED
	Ni	62	4.418	ug/L	0.261	5	3	836	4	KED
	Cu	63	3.932	ug/L	0.033	0	116	13182	1	KED
	Cu	65	3.931	ug/L	0.074	1	55	6543	2	KED
	Zn	66	3.276	ug/L	0.104	3	151	1772	1	KED
	Zn	67	5.188	ug/L	0.495	9	18	442	9	KED
	As	75	1.364	ug/L	0.058	4	3	341	2	KED
	Se	78	1.154	ug/L	0.113	9	12	42	9	KED
	Y	89		ug/L			663280	534311	0	Standard
	Kr	83		ug/L			296	390	9	Standard
>	In-1	115		ug/L			26379	19789	1	KED
	Mo	98	97.015	ug/L	1.145	1	15	130681	0	KED
	Cd	111	0.044	ug/L	0.012	26	1	15	23	KED
	Cd	114	0.035	ug/L	0.006	16	1	30	16	KED
>	In	115		ug/L			1341444	914795	1	Standard
	Ag	107	-0.000	ug/L	0.002	426	134	85	34	Standard
	Ba	135	52.469	ug/L	0.751	1	506	295007	0	Standard
	Ba	137	52.070	ug/L	0.342	0	855	524354	0	Standard
>	Tb	159		ug/L			2351464	2090006	3	Standard
	Tl	205	0.088	ug/L	0.002	2	146	6775	1	Standard
	Pb	208	38.549	ug/L	0.665	1	535	3846713	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:23:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1062462	1	Standard
	Be	9	0.005	ug/L	0.002	29	6	41	23	Standard
	C	13		ug/L			23638	51282	0	Standard
	Cl	37		ug/L			8688083	6395878	2	Standard
>	Sc	45		ug/L			1340786	786596	0	Standard
	Na	23	S	ug/L	S	S	37122	S	S	Standard
	Mg	24	43.031	ug/L	0.341	0	4302	757008	0	Standard
	Al	27	390.771	ug/L	5.806	1	4418	6352743	2	Standard
	K	39	55970.412	ug/L	1293.392	2	1211710	965169122	1	Standard
	Ca	44	97934.800	ug/L	1626.807	1	9439	68209255	2	Standard
	V	51	2.481	ug/L	0.031	1	5885	50835	0	Standard
	V-1	51	2.576	ug/L	0.028	1	466	49957	0	Standard
	Cr	52	1.081	ug/L	0.033	3	17376	28259	1	Standard
	Cr	53	1.425	ug/L	0.037	2	230	2912	1	Standard
	Fe	54	58.939	ug/L	1.099	1	91382	148525	1	Standard
	Fe	57	392.789	ug/L	1.710	0	17833	236405	1	Standard
	Mn	55	5.504	ug/L	0.023	0	1083	138557	1	Standard
>	Ge	72		ug/L			83230	54431	0	KED
	Co	59	0.197	ug/L	0.001	0	4	694	0	KED
	Ni	60	10.038	ug/L	0.039	0	17	9969	0	KED
	Ni	62	10.423	ug/L	0.575	5	3	1683	6	KED
	Cu	63	5.856	ug/L	0.032	0	116	16742	0	KED
	Cu	65	5.847	ug/L	0.143	2	55	8300	2	KED
	Zn	66	1.799	ug/L	0.095	5	151	876	5	KED
	Zn	67	11.443	ug/L	0.156	1	18	819	1	KED
	As	75	21.368	ug/L	0.280	1	3	4542	1	KED
	Se	78	2.697	ug/L	0.270	10	12	74	9	KED
	Y	89		ug/L			663280	457349	0	Standard
	Kr	83		ug/L			296	517	5	Standard
>	In-1	115		ug/L			26379	17515	1	KED
	Mo	98	648.437	ug/L	5.561	0	15	773052	0	KED
	Cd	111	0.213	ug/L	0.024	11	1	61	10	KED
	Cd	114	0.138	ug/L	0.024	17	1	102	16	KED
>	In	115		ug/L			1341444	659058	0	Standard
	Ag	107	0.001	ug/L	0.001	73	134	78	11	Standard
	Ba	135	271.205	ug/L	1.184	0	506	1097628	0	Standard
	Ba	137	273.530	ug/L	1.148	0	855	1982767	0	Standard
>	Tb	159		ug/L			2351464	1821507	0	Standard
	Tl	205	0.615	ug/L	0.006	1	146	40846	0	Standard
	Pb	208	84.790	ug/L	0.771	0	535	7376077	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:28:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1036450	0	Standard
Be	9	0.004	ug/L	0.001	22	6	33	18	Standard
C	13		ug/L			23638	51910	0	Standard
Cl	37		ug/L			8688083	6182093	2	Standard
Sc	45		ug/L			1340786	769075	0	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	61.823	ug/L	0.235	0	4302	1062358	0	Standard
Al	27	352.871	ug/L	5.729	1	4418	5608967	2	Standard
K	39	59469.740	ug/L	1724.218	2	1211710	1002653306	2	Standard
Ca	44	24076.817	ug/L	588.507	2	9439	16399128	2	Standard
V	51	2.520	ug/L	0.027	1	5885	50429	0	Standard
V-1	51	2.656	ug/L	0.025	0	466	50345	0	Standard
Cr	52	1.050	ug/L	0.016	1	17376	27140	1	Standard
Cr	53	1.526	ug/L	0.013	0	230	3040	1	Standard
Fe	54	34.506	ug/L	0.830	2	91382	106748	1	Standard
Fe	57	122.580	ug/L	0.862	0	17833	79169	0	Standard
Mn	55	5.312	ug/L	0.050	0	1083	130765	1	Standard
Ge	72		ug/L			83230	54895	1	KED
Co	59	0.172	ug/L	0.006	3	4	611	3	KED
Ni	60	9.164	ug/L	0.052	0	17	9180	1	KED
Ni	62	8.864	ug/L	0.251	2	3	1443	1	KED
Cu	63	9.443	ug/L	0.140	1	116	27178	0	KED
Cu	65	9.498	ug/L	0.154	1	55	13573	0	KED
Zn	66	1.220	ug/L	0.040	3	151	631	3	KED
Zn	67	4.476	ug/L	0.304	6	18	330	6	KED
As	75	22.511	ug/L	0.262	1	3	4825	0	KED
Se	78	3.264	ug/L	0.228	6	12	89	6	KED
Y	89		ug/L			663280	460720	0	Standard
Kr	83		ug/L			296	469	5	Standard
In-1	115		ug/L			26379	16989	0	KED
Mo	98	665.182	ug/L	4.205	0	15	769261	0	KED
Cd	111	0.226	ug/L	0.002	0	1	63	0	KED
Cd	114	0.155	ug/L	0.039	25	1	111	24	KED
In	115		ug/L			1341444	646169	1	Standard
Ag	107	-0.001	ug/L	0.001	116	134	58	13	Standard
Ba	135	97.310	ug/L	2.599	2	506	386233	1	Standard
Ba	137	98.579	ug/L	0.905	0	855	700820	0	Standard
Tb	159		ug/L			2351464	1779746	1	Standard
Tl	205	0.588	ug/L	0.016	2	146	38139	1	Standard
Pb	208	18.431	ug/L	0.336	1	535	1566772	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-04
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:35:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1687349	1	Standard
Be	9	-0.000	ug/L	0.000	84	6	7	25	Standard
C	13		ug/L			23638	69718	0	Standard
Cl	37		ug/L			8688083	8031934	0	Standard
Sc	45		ug/L			1340786	1453396	2	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	291.894	ug/L	3.955	1	4418	8767062	2	Standard
K	39	7674.721	ug/L	213.867	2	1211710	245601265	2	Standard
Ca	44	11074.534	ug/L	85.190	0	9439	14257430	2	Standard
V	51	0.802	ug/L	0.079	9	5885	34642	6	Standard
V-1	51	1.112	ug/L	0.010	0	466	40131	2	Standard
Cr	52	14.671	ug/L	0.090	0	17376	472040	2	Standard
Cr	53	15.230	ug/L	0.145	0	230	55095	3	Standard
Fe	54	28.479	ug/L	0.406	1	91382	183783	2	Standard
Fe	57	103.698	ug/L	0.656	0	17833	129557	3	Standard
Mn	55	5.675	ug/L	0.050	0	1083	263964	3	Standard
Ge	72		ug/L			83230	78635	1	KED
Co	59	0.155	ug/L	0.010	6	4	786	5	KED
Ni	60	1.159	ug/L	0.011	0	17	1677	1	KED
Ni	62	1.210	ug/L	0.224	18	3	285	19	KED
Cu	63	6.457	ug/L	0.032	0	116	26657	1	KED
Cu	65	6.496	ug/L	0.094	1	55	13317	2	KED
Zn	66	11.713	ug/L	0.299	2	151	7459	3	KED
Zn	67	10.682	ug/L	0.575	5	18	1106	4	KED
As	75	0.075	ug/L	0.014	19	3	25	15	KED
Se	78	0.278	ug/L	0.162	58	12	21	25	KED
Y	89		ug/L			663280	710574	2	Standard
Kr	83		ug/L			296	366	5	Standard
In-1	115		ug/L			26379	23917	0	KED
Mo	98	13.146	ug/L	0.050	0	15	21415	0	KED
Cd	111	0.013	ug/L	0.005	39	1	6	28	KED
Cd	114	0.009	ug/L	0.002	20	1	10	17	KED
In	115		ug/L			1341444	1181803	0	Standard
Ag	107	-0.003	ug/L	0.000	10	134	57	11	Standard
Ba	135	0.879	ug/L	0.025	2	506	6821	3	Standard
Ba	137	0.847	ug/L	0.013	1	855	11758	1	Standard
Tb	159		ug/L			2351464	2269161	1	Standard
Tl	205	0.013	ug/L	0.000	2	146	1231	3	Standard
Pb	208	0.008	ug/L	0.001	16	535	1406	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:39:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1207833	1801708	0	Standard
Be	9	-0.000	ug/L	0.000	264	6	8	44	Standard
C	13		ug/L			23638	68352	1	Standard
Cl	37		ug/L			8688083	8319098	0	Standard
> Sc	45		ug/L			1340786	1588820	0	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	325.472	ug/L	1.636	0	4418	10687392	0	Standard
K	39	9987.634	ug/L	139.903	1	1211710	349081407	0	Standard
Ca	44	11411.335	ug/L	267.462	2	9439	16060337	1	Standard
V	51	0.795	ug/L	0.076	9	5885	37649	8	Standard
V-1	51	1.289	ug/L	0.002	0	466	50777	0	Standard
Cr	52	15.972	ug/L	0.231	1	17376	560007	1	Standard
Cr	53	17.074	ug/L	0.361	2	230	67479	1	Standard
Fe	54	35.747	ug/L	0.523	1	91382	224553	0	Standard
Fe	57	112.397	ug/L	1.436	1	17833	151718	0	Standard
Mn	55	5.784	ug/L	0.104	1	1083	294038	1	Standard
> Ge	72		ug/L			83230	79992	1	KED
Co	59	0.255	ug/L	0.004	1	4	1316	2	KED
Ni	60	1.115	ug/L	0.079	7	17	1641	5	KED
Ni	62	1.151	ug/L	0.113	9	3	276	8	KED
Cu	63	6.703	ug/L	0.131	1	116	28143	0	KED
Cu	65	6.535	ug/L	0.186	2	55	13623	2	KED
Zn	66	5.578	ug/L	0.221	3	151	3688	2	KED
Zn	67	5.553	ug/L	0.138	2	18	593	2	KED
As	75	0.078	ug/L	0.010	13	3	27	10	KED
Se	78	0.167	ug/L	0.077	46	12	18	16	KED
Y	89		ug/L			663280	733038	0	Standard
Kr	83		ug/L			296	380	8	Standard
> In-1	115		ug/L			26379	23688	1	KED
Mo	98	15.745	ug/L	0.330	2	15	25398	1	KED
Cd	111	0.016	ug/L	0.003	16	1	7	13	KED
Cd	114	0.008	ug/L	0.001	10	1	9	9	KED
> In	115		ug/L			1341444	1288918	1	Standard
Ag	107	-0.003	ug/L	0.001	28	134	61	30	Standard
Ba	135	0.802	ug/L	0.018	2	506	6835	2	Standard
Ba	137	0.777	ug/L	0.003	0	855	11839	1	Standard
> Tb	159		ug/L			2351464	2297773	0	Standard
Tl	205	0.014	ug/L	0.001	5	146	1281	4	Standard
Pb	208	0.014	ug/L	0.001	7	535	2096	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:44:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1207833	1768775	1	Standard
Be	9	-0.000	ug/L	0.000	456	6	9	34	Standard
C	13		ug/L			23638	63670	1	Standard
Cl	37		ug/L			8688083	8655648	1	Standard
> Sc	45		ug/L			1340786	1578101	1	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	350.781	ug/L	2.369	0	4418	11439496	1	Standard
K	39	12147.260	ug/L	246.779	2	1211710	421337199	1	Standard
Ca	44	12775.096	ug/L	246.985	1	9439	17853894	0	Standard
V	51	0.763	ug/L	0.060	7	5885	36182	7	Standard
V-1	51	1.610	ug/L	0.015	0	466	62848	1	Standard
Cr	52	27.553	ug/L	0.098	0	17376	944736	1	Standard
Cr	53	29.418	ug/L	0.186	0	230	115282	1	Standard
Fe	54	54.621	ug/L	0.412	0	91382	284028	2	Standard
Fe	57	129.660	ug/L	1.818	1	17833	170605	1	Standard
Mn	55	6.806	ug/L	0.111	1	1083	343357	0	Standard
> Ge	72		ug/L			83230	73865	1	KED
Co	59	0.428	ug/L	0.013	2	4	2041	3	KED
Ni	60	0.992	ug/L	0.014	1	17	1350	2	KED
Ni	62	1.104	ug/L	0.039	3	3	245	4	KED
Cu	63	6.985	ug/L	0.214	3	116	27071	1	KED
Cu	65	7.003	ug/L	0.027	0	55	13480	1	KED
Zn	66	6.688	ug/L	0.226	3	151	4057	3	KED
Zn	67	6.136	ug/L	0.193	3	18	603	1	KED
As	75	0.056	ug/L	0.004	7	3	19	5	KED
Se	78	0.124	ug/L	0.051	41	12	15	10	KED
Y	89		ug/L			663280	707272	1	Standard
Kr	83		ug/L			296	348	2	Standard
> In-1	115		ug/L			26379	22651	1	KED
Mo	98	17.668	ug/L	0.209	1	15	27252	0	KED
Cd	111	0.019	ug/L	0.005	27	1	8	22	KED
Cd	114	0.018	ug/L	0.005	24	1	19	23	KED
> In	115		ug/L			1341444	1301459	1	Standard
Ag	107	-0.002	ug/L	0.001	27	134	81	17	Standard
Ba	135	0.898	ug/L	0.011	1	506	7669	2	Standard
Ba	137	0.871	ug/L	0.005	0	855	13290	1	Standard
> Tb	159		ug/L			2351464	2243032	0	Standard
Tl	205	0.015	ug/L	0.000	2	146	1389	2	Standard
Pb	208	0.020	ug/L	0.001	5	535	2676	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:49:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1702003	1	Standard
Be	9	-0.000	ug/L	0.000	142	6	7	43	Standard
C	13		ug/L			23638	61677	1	Standard
Cl	37		ug/L			8688083	8154633	0	Standard
Sc	45		ug/L			1340786	1559756	0	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	321.942	ug/L	1.326	0	4418	10378081	0	Standard
K	39	11653.479	ug/L	121.469	1	1211710	399622534	0	Standard
Ca	44	11409.150	ug/L	80.536	0	9439	15764290	0	Standard
V	51	0.835	ug/L	0.035	4	5885	38474	4	Standard
V-1	51	1.362	ug/L	0.007	0	466	52622	1	Standard
Cr	52	13.702	ug/L	0.101	0	17376	474500	0	Standard
Cr	53	14.977	ug/L	0.184	1	230	58142	0	Standard
Fe	54	31.047	ug/L	0.918	2	91382	205432	0	Standard
Fe	57	105.399	ug/L	1.552	1	17833	140957	0	Standard
Mn	55	5.093	ug/L	0.045	0	1083	254296	0	Standard
Ge	72		ug/L			83230	73160	0	KED
Co	59	0.643	ug/L	0.029	4	4	3033	3	KED
Ni	60	0.674	ug/L	0.025	3	17	914	4	KED
Ni	62	0.764	ug/L	0.021	2	3	168	3	KED
Cu	63	7.040	ug/L	0.083	1	116	27030	0	KED
Cu	65	7.006	ug/L	0.096	1	55	13358	1	KED
Zn	66	5.268	ug/L	0.187	3	151	3193	3	KED
Zn	67	5.050	ug/L	0.074	1	18	495	1	KED
As	75	0.070	ug/L	0.016	23	3	22	19	KED
Se	78	0.146	ug/L	0.034	23	12	15	7	KED
Y	89		ug/L			663280	702005	2	Standard
Kr	83		ug/L			296	335	10	Standard
In-1	115		ug/L			26379	22467	1	KED
Mo	98	16.731	ug/L	0.202	1	15	25597	0	KED
Cd	111	0.020	ug/L	0.001	6	1	8	6	KED
Cd	114	0.012	ug/L	0.006	50	1	12	45	KED
In	115		ug/L			1341444	1300949	1	Standard
Ag	107	-0.003	ug/L	0.000	13	134	70	10	Standard
Ba	135	0.795	ug/L	0.016	1	506	6837	0	Standard
Ba	137	0.770	ug/L	0.027	3	855	11846	1	Standard
Tb	159		ug/L			2351464	2209433	1	Standard
Tl	205	0.016	ug/L	0.000	2	146	1429	2	Standard
Pb	208	0.010	ug/L	0.000	1	535	1608	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:54:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1718394	1	Standard
Be	9	-0.000	ug/L	0.000	38	6	6	15	Standard
C	13		ug/L			23638	66605	0	Standard
Cl	37		ug/L			8688083	8032332	0	Standard
Sc	45		ug/L			1340786	1586464	0	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	318.488	ug/L	3.491	1	4418	10442799	1	Standard
K	39	11730.456	ug/L	218.988	1	1211710	409177154	2	Standard
Ca	44	11297.709	ug/L	66.705	0	9439	15877945	0	Standard
V	51	0.833	ug/L	0.040	4	5885	39063	3	Standard
V-1	51	1.331	ug/L	0.006	0	466	52318	0	Standard
Cr	52	13.583	ug/L	0.085	0	17376	478614	0	Standard
Cr	53	14.768	ug/L	0.204	1	230	58322	1	Standard
Fe	54	32.902	ug/L	0.656	1	91382	214992	1	Standard
Fe	57	106.743	ug/L	1.166	1	17833	144938	0	Standard
Mn	55	5.051	ug/L	0.044	0	1083	256543	1	Standard
Ge	72		ug/L			83230	72181	1	KED
Co	59	0.655	ug/L	0.015	2	4	3048	1	KED
Ni	60	37.379	ug/L	0.732	1	17	49184	0	KED
Ni	62	36.902	ug/L	0.894	2	3	7893	1	KED
Cu	63	7.114	ug/L	0.089	1	116	26944	0	KED
Cu	65	7.049	ug/L	0.065	0	55	13258	1	KED
Zn	66	5.438	ug/L	0.141	2	151	3247	1	KED
Zn	67	5.196	ug/L	0.045	0	18	502	1	KED
As	75	0.080	ug/L	0.008	10	3	25	9	KED
Se	78	0.136	ug/L	0.039	28	12	15	8	KED
Y	89		ug/L			663280	702153	2	Standard
Kr	83		ug/L			296	353	9	Standard
In-1	115		ug/L			26379	22231	0	KED
Mo	98	16.977	ug/L	0.092	0	15	25702	0	KED
Cd	111	0.024	ug/L	0.008	34	1	10	28	KED
Cd	114	0.021	ug/L	0.003	13	1	20	11	KED
In	115		ug/L			1341444	1312962	2	Standard
Ag	107	-0.003	ug/L	0.000	15	134	69	13	Standard
Ba	135	0.831	ug/L	0.028	3	506	7196	1	Standard
Ba	137	0.802	ug/L	0.006	0	855	12417	2	Standard
Tb	159		ug/L			2351464	2233335	1	Standard
Tl	205	0.016	ug/L	0.000	2	146	1450	1	Standard
Pb	208	0.012	ug/L	0.000	2	535	1768	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:01:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1659687	2	Standard
Be	9	17.690	ug/L	0.298	1	6	184581	1	Standard
C	13		ug/L			23638	70865	0	Standard
Cl	37		ug/L			8688083	7943897	0	Standard
Sc	45		ug/L			1340786	1532753	2	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	317.539	ug/L	6.227	1	4418	10056417	0	Standard
K	39	11997.826	ug/L	211.730	1	1211710	404236153	2	Standard
Ca	44	11298.207	ug/L	103.630	0	9439	15339614	1	Standard
V	51	25.534	ug/L	0.711	2	5885	956722	0	Standard
V-1	51	26.078	ug/L	0.694	2	466	980234	0	Standard
Cr	52	36.825	ug/L	0.877	2	17376	1219374	1	Standard
Cr	53	38.203	ug/L	0.727	1	230	145308	1	Standard
Fe	54	31.586	ug/L	2.450	7	91382	203469	1	Standard
Fe	57	102.481	ug/L	2.455	2	17833	135218	1	Standard
Mn	55	29.233	ug/L	0.611	2	1083	1428305	1	Standard
Ge	72		ug/L			83230	71421	0	KED
Co	59	27.726	ug/L	0.196	0	4	127588	0	KED
Ni	60	26.562	ug/L	0.449	1	17	34594	1	KED
Ni	62	26.604	ug/L	0.605	2	3	5632	1	KED
Cu	63	32.098	ug/L	0.332	1	116	119958	0	KED
Cu	65	31.913	ug/L	0.094	0	55	59230	0	KED
Zn	66	79.764	ug/L	0.958	1	151	45376	1	KED
Zn	67	75.249	ug/L	0.919	1	18	6984	1	KED
As	75	25.221	ug/L	0.199	0	3	7034	0	KED
Se	78	80.053	ug/L	1.791	2	12	2584	2	KED
Y	89		ug/L			663280	675366	2	Standard
Kr	83		ug/L			296	339	2	Standard
In-1	115		ug/L			26379	22070	1	KED
Mo	98	16.692	ug/L	0.214	1	15	25086	0	KED
Cd	111	24.061	ug/L	0.812	3	1	8576	2	KED
Cd	114	24.102	ug/L	0.435	1	1	22309	0	KED
In	115		ug/L			1341444	1278646	3	Standard
Ag	107	23.014	ug/L	0.517	2	134	443238	2	Standard
Ba	135	23.433	ug/L	0.841	3	506	184287	0	Standard
Ba	137	22.867	ug/L	0.859	3	855	322102	2	Standard
Tb	159		ug/L			2351464	2161981	2	Standard
Tl	205	25.578	ug/L	0.547	2	146	2009324	1	Standard
Pb	208	27.671	ug/L	0.562	2	535	2856585	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:09:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1389646	0	Standard
[	Be	9	0.000	ug/L	0.001	117	6	12	39	Standard
	C	13		ug/L			23638	26640	1	Standard
	Cl	37		ug/L			8688083	8373654	0	Standard
[>	Sc	45		ug/L			1340786	1586384	3	Standard
[	Na	23	8.797	ug/L	0.319	3	37122	306589	0	Standard
[	Mg	24	0.377	ug/L	0.002	0	4302	18420	3	Standard
[	Al	27	0.302	ug/L	0.013	4	4418	15128	1	Standard
[	K	39	4.006	ug/L	1.244	31	1211710	1571992	1	Standard
[	Ca	44	7.998	ug/L	0.431	5	9439	22386	0	Standard
[	V	51	0.073	ug/L	0.006	8	5885	9751	0	Standard
[	V-1	51	0.006	ug/L	0.001	13	466	800	2	Standard
[	Cr	52	0.283	ug/L	0.022	7	17376	30070	0	Standard
[	Cr	53	0.067	ug/L	0.006	8	230	535	2	Standard
[	Fe	54	-0.352	ug/L	0.576	163	91382	106940	1	Standard
[	Fe	57	61.832	ug/L	2.238	3	17833	92773	0	Standard
[	Mn	55	0.048	ug/L	0.001	2	1083	3712	2	Standard
[>	Ge	72		ug/L			83230	86710	3	KED
[	Co	59	-0.000	ug/L	0.001	359	4	3	86	KED
[	Ni	60	0.033	ug/L	0.001	4	17	69	5	KED
[	Ni	62	0.091	ug/L	0.016	17	3	27	10	KED
[	Cu	63	0.045	ug/L	0.005	12	116	323	10	KED
[	Cu	65	0.047	ug/L	0.005	9	55	163	9	KED
[	Zn	66	0.414	ug/L	0.044	10	151	441	5	KED
[	Zn	67	0.394	ug/L	0.137	34	18	63	25	KED
[	As	75	0.003	ug/L	0.004	129	3	4	29	KED
[	Se	78	-0.022	ug/L	0.068	309	12	12	24	KED
	Y	89		ug/L			663280	727166	1	Standard
	Kr	83		ug/L			296	353	12	Standard
[>	In-1	115		ug/L			26379	25925	2	KED
[	Mo	98	-0.003	ug/L	0.001	29	15	9	16	KED
[	Cd	111	0.005	ug/L	0.002	46	1	3	25	KED
[	Cd	114	0.002	ug/L	0.003	122	1	4	70	KED
[>	In	115		ug/L			1341444	1383725	1	Standard
[	Ag	107	-0.004	ug/L	0.001	13	134	50	22	Standard
[	Ba	135	-0.052	ug/L	0.002	2	506	78	16	Standard
[	Ba	137	-0.049	ug/L	0.001	1	855	142	5	Standard
[>	Tb	159		ug/L			2351464	2293940	0	Standard
[	Tl	205	-0.000	ug/L	0.000	66	146	119	12	Standard
[	Pb	208	0.009	ug/L	0.000	2	535	1481	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:14:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1330538	1	Standard
	Be	**9**	**50.148**	ug/L	0.598	1	6	419516	0	Standard
	C	**13**		ug/L			23638	26817	2	Standard
	Cl	**37**		ug/L			8688083	7957721	0	Standard
>	**Sc**	**45**		ug/L			1340786	1556570	1	Standard
	Na	**23**	**3881.487**	ug/L	50.938	1	37122	113866537	2	Standard
	Mg	**24**	**4080.443**	ug/L	38.117	0	4302	141583001	1	Standard
	Al	**27**	**3972.002**	ug/L	66.505	1	4418	127704894	0	Standard
	K	**39**	**3959.111**	ug/L	61.399	1	1211710	136438725	2	Standard
	Ca	**44**	**4410.821**	ug/L	117.718	2	9439	6088707	2	Standard
	V	**51**	**48.089**	ug/L	0.227	0	5885	1824529	1	Standard
	V-1	**51**	**48.031**	ug/L	0.344	0	466	1833640	0	Standard
	Cr	**52**	**48.193**	ug/L	0.295	0	17376	1614792	1	Standard
	Cr	**53**	**48.007**	ug/L	0.942	1	230	185385	1	Standard
	Fe	**54**	**4423.922**	ug/L	16.307	0	91382	14202774	1	Standard
	Fe	**57**	**4749.614**	ug/L	91.768	1	17833	5426202	0	Standard
	Mn	**55**	**44.819**	ug/L	0.341	0	1083	2223568	1	Standard
>	**Ge**	**72**		ug/L			83230	84913	0	KED
	Co	**59**	**49.382**	ug/L	0.989	2	4	270156	1	KED
	Ni	**60**	**49.898**	ug/L	0.709	1	17	77244	1	KED
	Ni	**62**	**50.215**	ug/L	0.517	1	3	12637	1	KED
	Cu	**63**	**49.932**	ug/L	0.468	0	116	221809	1	KED
	Cu	**65**	**50.231**	ug/L	0.796	1	55	110800	1	KED
	Zn	**66**	**51.691**	ug/L	0.630	1	151	35012	0	KED
	Zn	**67**	**52.083**	ug/L	0.966	1	18	5752	1	KED
	As	**75**	**48.109**	ug/L	0.676	1	3	15949	1	KED
	Se	**78**	**50.259**	ug/L	0.962	1	12	1933	1	KED
	Y	**89**		ug/L			663280	730935	2	Standard
	Kr	**83**		ug/L			296	330	4	Standard
>	**In-1**	**115**		ug/L			26379	25459	0	KED
	Mo	**98**	**47.864**	ug/L	0.463	0	15	82963	1	KED
	Cd	**111**	**50.567**	ug/L	0.383	0	1	20796	0	KED
	Cd	**114**	**49.359**	ug/L	0.163	0	1	52708	0	KED
>	**In**	**115**		ug/L			1341444	1384764	1	Standard
	Ag	**107**	**46.797**	ug/L	0.307	0	134	976323	1	Standard
	Ba	**135**	**44.162**	ug/L	0.210	0	506	376007	2	Standard
	Ba	**137**	**43.366**	ug/L	0.536	1	855	661326	2	Standard
>	**Tb**	**159**		ug/L			2351464	2361574	1	Standard
	Tl	**205**	**50.379**	ug/L	0.657	1	146	4323855	0	Standard
	Pb	**208**	**53.628**	ug/L	0.242	0	535	6048657	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:22:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1335037	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	187	6	5	66	Standard
	C	**13**		ug/L			23638	26432	1	Standard
	Cl	**37**		ug/L			8688083	7657223	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1512022	0	Standard
⌈	**Na**	**23**	**6.298**	ug/L	0.081	1	37122	221221	0	Standard
⌈	**Mg**	**24**	**0.112**	ug/L	0.004	3	4302	8642	2	Standard
⌈	**Al**	**27**	**0.392**	ug/L	0.005	1	4418	17230	1	Standard
⌈	**K**	**39**	**0.101**	ug/L	0.295	292	1211710	1369747	0	Standard
⌈	**Ca**	**44**	**4.500**	ug/L	0.071	1	9439	16666	0	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.004	299	5885	6680	1	Standard
⌈	**V-1**	**51**	**0.000**	ug/L	0.001	246	466	539	5	Standard
⌈	**Cr**	**52**	**0.006**	ug/L	0.007	127	17376	19780	1	Standard
⌈	**Cr**	**53**	**0.003**	ug/L	0.005	164	230	271	7	Standard
⌈	**Fe**	**54**	**2.500**	ug/L	0.354	14	91382	110788	0	Standard
⌈	**Fe**	**57**	**13.559**	ug/L	0.921	6	17833	35097	2	Standard
⌊	**Mn**	**55**	**0.068**	ug/L	0.001	1	1083	4481	1	Standard
⌈>	**Ge**	**72**		ug/L			83230	86586	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.002	149	4	12	92	KED
⌈	**Ni**	**60**	**0.007**	ug/L	0.002	27	17	28	11	KED
⌈	**Ni**	**62**	**0.037**	ug/L	0.013	36	3	13	24	KED
⌈	**Cu**	**63**	**0.030**	ug/L	0.001	4	116	255	4	KED
⌈	**Cu**	**65**	**0.028**	ug/L	0.005	16	55	121	9	KED
⌈	**Zn**	**66**	**0.354**	ug/L	0.086	24	151	400	13	KED
⌈	**Zn**	**67**	**0.333**	ug/L	0.017	5	18	56	1	KED
⌈	**As**	**75**	**0.008**	ug/L	0.006	74	3	5	32	KED
⌊	**Se**	**78**	**-0.030**	ug/L	0.069	234	12	12	22	KED
	Y	**89**		ug/L			663280	712453	0	Standard
	Kr	**83**		ug/L			296	342	5	Standard
⌈>	**In-1**	**115**		ug/L			26379	26253	1	KED
⌈	**Mo**	**98**	**0.029**	ug/L	0.002	5	15	67	5	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.005	7956	1	1	100	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	107	1	5	73	KED
⌈>	**In**	**115**		ug/L			1341444	1341503	0	Standard
⌈	**Ag**	**107**	**-0.003**	ug/L	0.001	53	134	83	33	Standard
⌈	**Ba**	**135**	**-0.044**	ug/L	0.002	4	506	146	10	Standard
⌊	**Ba**	**137**	**-0.041**	ug/L	0.003	6	855	257	15	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2302453	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	13	146	271	6	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.000	5	535	1142	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-40
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 20:26:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1352507	0	Standard
	Be	**9**	**-0.000**	ug/L	0.000	84	6	4	65	Standard
	C	**13**		ug/L			23638	53826	0	Standard
	Cl	**37**		ug/L			8688083	7643412	0	Standard
>	**Sc**	**45**		ug/L			1340786	1513571	1	Standard
	Na	**23**	**7.336**	ug/L	0.188	2	37122	251005	0	Standard
	Mg	**24**	**1.274**	ug/L	0.047	3	4302	47823	2	Standard
	Al	**27**	**1.430**	ug/L	0.042	2	4418	49689	0	Standard
	K	**39**	**1.429**	ug/L	0.607	42	1211710	1415051	0	Standard
	Ca	**44**	**10.261**	ug/L	0.388	3	9439	24398	0	Standard
	V	**51**	**0.014**	ug/L	0.005	39	5885	7150	4	Standard
	V-1	**51**	**0.009**	ug/L	0.001	11	466	852	5	Standard
	Cr	**52**	**0.199**	ug/L	0.011	5	17376	26026	2	Standard
	Cr	**53**	**0.178**	ug/L	0.010	5	230	926	2	Standard
	Fe	**54**	**1.122**	ug/L	1.138	101	91382	106602	2	Standard
	Fe	**57**	**10.742**	ug/L	0.229	2	17833	32018	1	Standard
	Mn	**55**	**0.043**	ug/L	0.001	2	1083	3290	0	Standard
>	**Ge**	**72**		ug/L			83230	88167	0	KED
	Co	**59**	**0.000**	ug/L	0.000	299	4	5	21	KED
	Ni	**60**	**0.017**	ug/L	0.012	72	17	45	43	KED
	Ni	**62**	**0.036**	ug/L	0.013	35	3	13	24	KED
	Cu	**63**	**0.051**	ug/L	0.005	10	116	357	7	KED
	Cu	**65**	**0.045**	ug/L	0.007	14	55	163	8	KED
	Zn	**66**	**0.195**	ug/L	0.038	19	151	296	8	KED
	Zn	**67**	**0.273**	ug/L	0.094	34	18	50	21	KED
	As	**75**	**0.004**	ug/L	0.006	125	3	4	40	KED
	Se	**78**	**-0.061**	ug/L	0.036	58	12	11	12	KED
	Y	**89**		ug/L			663280	711187	1	Standard
	Kr	**83**		ug/L			296	310	10	Standard
>	**In-1**	**115**		ug/L			26379	25828	2	KED
	Mo	**98**	**0.008**	ug/L	0.003	31	15	29	13	KED
	Cd	**111**	**0.000**	ug/L	0.002	1902	1	1	50	KED
	Cd	**114**	**0.002**	ug/L	0.002	91	1	3	50	KED
>	**In**	**115**		ug/L			1341444	1390659	1	Standard
	Ag	**107**	**-0.004**	ug/L	0.000	5	134	51	9	Standard
	Ba	**135**	**-0.050**	ug/L	0.002	3	506	96	15	Standard
	Ba	**137**	**-0.047**	ug/L	0.001	1	855	174	5	Standard
>	**Tb**	**159**		ug/L			2351464	2364221	0	Standard
	Tl	**205**	**0.000**	ug/L	0.000	67	146	176	11	Standard
	Pb	**208**	**0.004**	ug/L	0.001	20	535	982	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-20
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 20:31:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1343274	0	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	2566	6	7	50	Standard
	C	**13**		ug/L			23638	53116	1	Standard
	Cl	**37**		ug/L			8688083	7639555	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1499990	1	Standard
[	**Na**	**23**	**8.795**	ug/L	3.246	36	37122	290033	31	Standard
[	**Mg**	**24**	**1.907**	ug/L	0.702	36	4302	68592	34	Standard
[	**Al**	**27**	**1.711**	ug/L	0.081	4	4418	57940	3	Standard
[	**K**	**39**	**3.054**	ug/L	1.480	48	1211710	1455915	3	Standard
[	**Ca**	**44**	**8.807**	ug/L	0.543	6	9439	22250	2	Standard
[	**V**	**51**	**0.025**	ug/L	0.002	8	5885	7508	2	Standard
[	**V-1**	**51**	**0.014**	ug/L	0.001	7	466	1047	4	Standard
[	**Cr**	**52**	**0.187**	ug/L	0.003	1	17376	25387	1	Standard
[	**Cr**	**53**	**0.147**	ug/L	0.006	4	230	802	1	Standard
[	**Fe**	**54**	**7.396**	ug/L	0.778	10	91382	124924	1	Standard
[	**Fe**	**57**	**12.763**	ug/L	0.396	3	17833	33946	0	Standard
[	**Mn**	**55**	**0.233**	ug/L	0.004	1	1083	12361	0	Standard
[>	**Ge**	**72**		ug/L			83230	87703	1	KED
[	**Co**	**59**	**0.001**	ug/L	0.001	35	4	12	22	KED
[	**Ni**	**60**	**0.063**	ug/L	0.003	4	17	118	4	KED
[	**Ni**	**62**	**0.075**	ug/L	0.030	40	3	23	32	KED
[	**Cu**	**63**	**0.408**	ug/L	0.016	3	116	1993	4	KED
[	**Cu**	**65**	**0.405**	ug/L	0.005	1	55	980	1	KED
[	**Zn**	**66**	**0.137**	ug/L	0.080	58	151	253	21	KED
[	**Zn**	**67**	**0.171**	ug/L	0.087	50	18	38	24	KED
[	**As**	**75**	**0.006**	ug/L	0.001	23	3	5	9	KED
[	**Se**	**78**	**-0.011**	ug/L	0.065	613	12	12	21	KED
	Y	**89**		ug/L			663280	700217	1	Standard
	Kr	**83**		ug/L			296	316	4	Standard
[>	**In-1**	**115**		ug/L			26379	24845	5	KED
[	**Mo**	**98**	**0.004**	ug/L	0.004	86	15	21	29	KED
[	**Cd**	**111**	**0.001**	ug/L	0.003	258	1	2	49	KED
[	**Cd**	**114**	**0.001**	ug/L	0.002	140	1	3	65	KED
[>	**In**	**115**		ug/L			1341444	1359789	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.001	19	134	55	27	Standard
[	**Ba**	**135**	**-0.040**	ug/L	0.004	8	506	179	18	Standard
[	**Ba**	**137**	**-0.038**	ug/L	0.001	3	855	304	6	Standard
[>	**Tb**	**159**		ug/L			2351464	2327419	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.001	133	146	206	40	Standard
[	**Pb**	**208**	**0.003**	ug/L	0.001	33	535	836	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-36
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 20:36:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1360556	1	Standard
[	**Be**	**9**	**0.000**	ug/L	0.000	69	6	12	24	Standard
	C	**13**		ug/L			23638	57085	0	Standard
	Cl	**37**		ug/L			8688083	7165858	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1552483	0	Standard
[	**Na**	**23**	**422.939**	ug/L	1.386	0	37122	12411614	0	Standard
[	**Mg**	**24**	**239.237**	ug/L	3.959	1	4302	8284811	2	Standard
[	**Al**	**27**	**17.389**	ug/L	0.133	0	4418	562800	1	Standard
[	**K**	**39**	**258.055**	ug/L	3.885	1	1211710	10180574	1	Standard
[	**Ca**	**44**	**2937.390**	ug/L	42.359	1	9439	4048143	1	Standard
[	**V**	**51**	**0.265**	ug/L	0.002	0	5885	16790	1	Standard
[	**V-1**	**51**	**0.252**	ug/L	0.003	1	466	10150	1	Standard
[	**Cr**	**52**	**0.206**	ug/L	0.006	3	17376	26913	0	Standard
[	**Cr**	**53**	**0.169**	ug/L	0.005	3	230	917	2	Standard
[	**Fe**	**54**	**14.585**	ug/L	0.431	2	91382	152159	0	Standard
[	**Fe**	**57**	**21.489**	ug/L	0.763	3	17833	45044	1	Standard
[	**Mn**	**55**	**1.342**	ug/L	0.008	0	1083	67641	0	Standard
[>	**Ge**	**72**		ug/L			83230	88377	0	KED
[	**Co**	**59**	**0.040**	ug/L	0.002	5	4	230	4	KED
[	**Ni**	**60**	**0.169**	ug/L	0.021	12	17	290	11	KED
[	**Ni**	**62**	**0.159**	ug/L	0.043	27	3	45	25	KED
[	**Cu**	**63**	**0.632**	ug/L	0.007	1	116	3042	0	KED
[	**Cu**	**65**	**0.607**	ug/L	0.023	3	55	1452	3	KED
[	**Zn**	**66**	**0.976**	ug/L	0.026	2	151	845	1	KED
[	**Zn**	**67**	**1.197**	ug/L	0.142	11	18	156	10	KED
[	**As**	**75**	**0.552**	ug/L	0.009	1	3	193	0	KED
[	**Se**	**78**	**-0.000**	ug/L	0.044	22044	12	13	12	KED
	Y	**89**		ug/L			663280	712718	1	Standard
	Kr	**83**		ug/L			296	309	13	Standard
[>	**In-1**	**115**		ug/L			26379	26109	1	KED
[	**Mo**	**98**	**0.379**	ug/L	0.013	3	15	687	4	KED
[	**Cd**	**111**	**0.024**	ug/L	0.005	19	1	12	16	KED
[	**Cd**	**114**	**0.018**	ug/L	0.004	20	1	21	19	KED
[>	**In**	**115**		ug/L			1341444	1389844	3	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.000	7	134	50	11	Standard
[	**Ba**	**135**	**3.423**	ug/L	0.091	2	506	29712	1	Standard
[	**Ba**	**137**	**3.351**	ug/L	0.084	2	855	52075	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2379626	2	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	17	146	246	4	Standard
[	**Pb**	**208**	**0.022**	ug/L	0.001	4	535	2988	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-41
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 20:41:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1327271	2	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	66	6	13	31	Standard
	C	**13**		ug/L			23638	59880	0	Standard
	Cl	**37**		ug/L			8688083	7162385	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1539382	1	Standard
[	**Na**	**23**	**422.859**	ug/L	8.540	2	37122	12303097	1	Standard
[	**Mg**	**24**	**237.367**	ug/L	4.314	1	4302	8149160	0	Standard
[	**Al**	**27**	**20.045**	ug/L	0.359	1	4418	642424	0	Standard
[	**K**	**39**	**255.178**	ug/L	4.053	1	1211710	9996452	0	Standard
[	**Ca**	**44**	**2898.765**	ug/L	52.290	1	9439	3960616	0	Standard
[	**V**	**51**	**0.255**	ug/L	0.008	2	5885	16300	0	Standard
[	**V-1**	**51**	**0.252**	ug/L	0.003	1	466	10033	1	Standard
[	**Cr**	**52**	**0.261**	ug/L	0.004	1	17376	28486	0	Standard
[	**Cr**	**53**	**0.249**	ug/L	0.019	7	230	1214	6	Standard
[	**Fe**	**54**	**18.445**	ug/L	1.027	5	91382	163024	1	Standard
[	**Fe**	**57**	**24.594**	ug/L	0.936	3	17833	48153	1	Standard
[	**Mn**	**55**	**1.456**	ug/L	0.012	0	1083	72647	0	Standard
[>	**Ge**	**72**		ug/L			83230	85943	3	KED
[	**Co**	**59**	**0.036**	ug/L	0.003	7	4	201	6	KED
[	**Ni**	**60**	**0.213**	ug/L	0.005	2	17	351	3	KED
[	**Ni**	**62**	**0.221**	ug/L	0.028	12	3	60	14	KED
[	**Cu**	**63**	**0.666**	ug/L	0.016	2	116	3112	1	KED
[	**Cu**	**65**	**0.697**	ug/L	0.049	6	55	1610	3	KED
[	**Zn**	**66**	**1.144**	ug/L	0.056	4	151	936	3	KED
[	**Zn**	**67**	**1.363**	ug/L	0.116	8	18	170	6	KED
[	**As**	**75**	**0.556**	ug/L	0.044	7	3	189	5	KED
[	**Se**	**78**	**-0.020**	ug/L	0.017	86	12	12	7	KED
	Y	**89**		ug/L			663280	706936	2	Standard
	Kr	**83**		ug/L			296	320	2	Standard
[>	**In-1**	**115**		ug/L			26379	26256	1	KED
[	**Mo**	**98**	**0.368**	ug/L	0.012	3	15	672	3	KED
[	**Cd**	**111**	**0.017**	ug/L	0.011	63	1	8	48	KED
[	**Cd**	**114**	**0.012**	ug/L	0.003	23	1	15	19	KED
[>	**In**	**115**		ug/L			1341444	1375562	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.001	15	134	50	27	Standard
[	**Ba**	**135**	**3.368**	ug/L	0.015	0	506	28965	1	Standard
[	**Ba**	**137**	**3.335**	ug/L	0.039	1	855	51330	2	Standard
[>	**Tb**	**159**		ug/L			2351464	2364476	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	30	146	243	12	Standard
[	**Pb**	**208**	**0.027**	ug/L	0.001	5	535	3569	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-42
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:46:15

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1276063	1	Standard
[	Be	9	0.002	ug/L	0.001	47	6	20	30	Standard
	C	13		ug/L			23638	46456	1	Standard
	Cl	37		ug/L			8688083	7452067	1	Standard
[>	Sc	45		ug/L			1340786	1593256	1	Standard
[	Na	23	3603.301	ug/L	20.478	0	37122	108192122	1	Standard
[	Mg	24	7574.465	ug/L	106.877	1	4302	268995359	0	Standard
[	Al	27	7.050	ug/L	0.036	0	4418	237268	0	Standard
[	K	39	3595.871	ug/L	10.585	0	1211710	126960915	1	Standard
[	Ca	44	54453.817	ug/L	440.008	0	9439	76814316	1	Standard
[	V	51	0.412	ug/L	0.007	1	5885	22929	2	Standard
[	V-1	51	0.432	ug/L	0.004	0	466	17431	2	Standard
[	Cr	52	0.133	ug/L	0.006	4	17376	25160	1	Standard
[	Cr	53	0.205	ug/L	0.007	3	230	1084	1	Standard
[	Fe	54	9.215	ug/L	0.258	2	91382	138639	0	Standard
[	Fe	57	142.481	ug/L	1.687	1	17833	187209	2	Standard
[	Mn	55	19.878	ug/L	0.083	0	1083	1010175	1	Standard
[>	Ge	72		ug/L			83230	77286	0	KED
[	Co	59	0.205	ug/L	0.005	2	4	1026	1	KED
[	Ni	60	0.131	ug/L	0.010	8	17	200	7	KED
[	Ni	62	0.118	ug/L	0.021	17	3	30	16	KED
[	Cu	63	0.242	ug/L	0.017	6	116	1085	6	KED
[	Cu	65	0.247	ug/L	0.007	2	55	547	2	KED
[	Zn	66	0.662	ug/L	0.071	10	151	546	7	KED
[	Zn	67	1.407	ug/L	0.396	28	18	158	25	KED
[	As	75	0.055	ug/L	0.009	16	3	19	13	KED
[	Se	78	0.025	ug/L	0.059	233	12	12	16	KED
	Y	89		ug/L			663280	670894	2	Standard
	Kr	83		ug/L			296	330	1	Standard
[>	In-1	115		ug/L			26379	23659	2	KED
[	Mo	98	0.814	ug/L	0.060	7	15	1323	4	KED
[	Cd	111	0.072	ug/L	0.019	25	1	29	26	KED
[	Cd	114	0.076	ug/L	0.013	16	1	77	17	KED
[>	In	115		ug/L			1341444	1297299	1	Standard
[	Ag	107	-0.004	ug/L	0.000	9	134	43	18	Standard
[	Ba	135	18.365	ug/L	0.197	1	506	146764	1	Standard
[	Ba	137	18.230	ug/L	0.152	0	855	260872	1	Standard
[>	Tb	159		ug/L			2351464	2295410	1	Standard
[	Tl	205	-0.000	ug/L	0.000	623	146	140	10	Standard
[	Pb	208	0.007	ug/L	0.000	6	535	1273	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-02
Sample Dil Factor: 5
DEL
Comments:
Sample Date/Time: Monday, June 28, 2021 20:52:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1206887	11	Standard
	Be	**9**	**0.003**	ug/L	0.002	51	6	29	31	Standard
	C	**13**		ug/L			23638	47698	0	Standard
	Cl	**37**		ug/L			8688083	7655142	1	Standard
>	**Sc**	**45**		ug/L			1340786	1445547	10	Standard
	Na	**23**	**4696.430**	ug/L	537.723	11	37122	126898803	3	Standard
	Mg	**24**	**1210.593**	ug/L	152.737	12	4302	38660125	1	Standard
	Al	**27**	**1.750**	ug/L	0.211	12	4418	56579	2	Standard
	K	**39**	**519.530**	ug/L	64.104	12	1211710	17614142	0	Standard
	Ca	**44**	**4287.203**	ug/L	441.519	10	9439	5455795	1	Standard
	V	**51**	**2.075**	ug/L	0.218	10	5885	78645	1	Standard
	V-1	**51**	**2.260**	ug/L	0.227	10	466	80029	1	Standard
	Cr	**52**	**0.246**	ug/L	0.082	33	17376	26118	1	Standard
	Cr	**53**	**0.887**	ug/L	0.120	13	230	3394	3	Standard
	Fe	**54**	**8.330**	ug/L	6.961	83	91382	121696	5	Standard
	Fe	**57**	**15.319**	ug/L	3.406	22	17833	35160	1	Standard
	Mn	**55**	**85.873**	ug/L	8.912	10	1083	3925906	1	Standard
>	**Ge**	**72**		ug/L			83230	80507	1	KED
	Co	**59**	**0.456**	ug/L	0.016	3	4	2367	4	KED
	Ni	**60**	**3.488**	ug/L	0.058	1	17	5135	2	KED
	Ni	**62**	**3.514**	ug/L	0.068	1	3	841	2	KED
	Cu	**63**	**18.710**	ug/L	0.204	1	116	78864	0	KED
	Cu	**65**	**18.371**	ug/L	0.216	1	55	38453	0	KED
	Zn	**66**	**0.490**	ug/L	0.017	3	151	459	2	KED
	Zn	**67**	**0.668**	ug/L	0.126	18	18	87	15	KED
	As	**75**	**0.165**	ug/L	0.013	8	3	54	6	KED
	Se	**78**	**-0.007**	ug/L	0.042	619	12	12	12	KED
	Y	**89**		ug/L			663280	635394	11	Standard
	Kr	**83**		ug/L			296	302	7	Standard
>	**In-1**	**115**		ug/L			26379	24545	2	KED
	Mo	**98**	**0.315**	ug/L	0.027	8	15	539	5	KED
	Cd	**111**	**3.884**	ug/L	0.191	4	1	1540	2	KED
	Cd	**114**	**3.694**	ug/L	0.089	2	1	3804	3	KED
>	**In**	**115**		ug/L			1341444	1292068	10	Standard
	Ag	**107**	**-0.005**	ug/L	0.001	14	134	40	19	Standard
	Ba	**135**	**1.223**	ug/L	0.132	10	506	10115	1	Standard
	Ba	**137**	**1.214**	ug/L	0.139	11	855	17930	0	Standard
>	**Tb**	**159**		ug/L			2351464	2164674	10	Standard
	Tl	**205**	**0.002**	ug/L	0.001	35	146	253	10	Standard
	Pb	**208**	**0.015**	ug/L	0.002	10	535	1998	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 20:57:11

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1277530	1	Standard
[	**Be**	**9**	**0.002**	ug/L	0.000	18	6	25	11	Standard
	C	**13**		ug/L			23638	45494	1	Standard
	Cl	**37**		ug/L			8688083	7658615	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1546195	1	Standard
[	**Na**	**23**	**4640.597**	ug/L	113.758	2	37122	135201493	2	Standard
[	**Mg**	**24**	**1165.982**	ug/L	12.673	1	4302	40195763	2	Standard
[	**Al**	**27**	**1.933**	ug/L	0.058	3	4418	66842	2	Standard
[	**K**	**39**	**508.554**	ug/L	9.399	1	1211710	18623035	1	Standard
[	**Ca**	**44**	**4192.966**	ug/L	17.711	0	9439	5750339	1	Standard
[	**V**	**51**	**2.012**	ug/L	0.021	1	5885	82333	1	Standard
[	**V-1**	**51**	**2.203**	ug/L	0.019	0	466	84069	1	Standard
[	**Cr**	**52**	**0.196**	ug/L	0.010	5	17376	26492	2	Standard
[	**Cr**	**53**	**0.857**	ug/L	0.006	0	230	3548	1	Standard
[	**Fe**	**54**	**4.901**	ug/L	0.101	2	91382	120892	0	Standard
[	**Fe**	**57**	**12.842**	ug/L	0.066	0	17833	35085	0	Standard
[	**Mn**	**55**	**82.385**	ug/L	1.771	2	1083	4058900	2	Standard
[>	**Ge**	**72**		ug/L			83230	81734	1	KED
[	**Co**	**59**	**0.474**	ug/L	0.007	1	4	2499	0	KED
[	**Ni**	**60**	**3.698**	ug/L	0.106	2	17	5525	1	KED
[	**Ni**	**62**	**3.889**	ug/L	0.105	2	3	945	1	KED
[	**Cu**	**63**	**19.300**	ug/L	0.312	1	116	82582	1	KED
[	**Cu**	**65**	**19.176**	ug/L	0.509	2	55	40741	1	KED
[	**Zn**	**66**	**0.457**	ug/L	0.042	9	151	445	4	KED
[	**Zn**	**67**	**0.571**	ug/L	0.165	28	18	78	23	KED
[	**As**	**75**	**0.160**	ug/L	0.027	16	3	54	16	KED
[	**Se**	**78**	**-0.024**	ug/L	0.073	303	12	11	23	KED
	Y	**89**		ug/L			663280	686545	2	Standard
	Kr	**83**		ug/L			296	277	3	Standard
[>	**In-1**	**115**		ug/L			26379	24588	0	KED
[	**Mo**	**98**	**0.335**	ug/L	0.015	4	15	575	5	KED
[	**Cd**	**111**	**3.906**	ug/L	0.161	4	1	1552	3	KED
[	**Cd**	**114**	**3.988**	ug/L	0.064	1	1	4114	1	KED
[>	**In**	**115**		ug/L			1341444	1333920	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.000	2	134	44	4	Standard
[	**Ba**	**135**	**1.247**	ug/L	0.006	0	506	10715	1	Standard
[	**Ba**	**137**	**1.228**	ug/L	0.015	1	855	18866	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2290288	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	11	146	235	5	Standard
[	**Pb**	**208**	**0.003**	ug/L	0.001	17	535	903	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 21:02:21

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1266308	1	Standard
	Be	**9**	**5.314**	ug/L	0.022	0	6	42316	1	Standard
	C	**13**		ug/L			23638	46236	2	Standard
	Cl	**37**		ug/L			8688083	7555719	0	Standard
>	**Sc**	**45**		ug/L			1340786	1528451	1	Standard
	Na	**23**	**5351.639**	ug/L	44.412	0	37122	154108662	1	Standard
	Mg	**24**	**1969.799**	ug/L	49.991	2	4302	67104230	1	Standard
	Al	**27**	**847.571**	ug/L	14.246	1	4418	26765598	2	Standard
	K	**39**	**1390.371**	ug/L	9.636	0	1211710	47940229	2	Standard
	Ca	**44**	**4996.889**	ug/L	122.067	2	9439	6770577	1	Standard
	V	**51**	**6.816**	ug/L	0.125	1	5885	259721	3	Standard
	V-1	**51**	**7.002**	ug/L	0.121	1	466	262987	3	Standard
	Cr	**52**	**5.082**	ug/L	0.088	1	17376	184890	1	Standard
	Cr	**53**	**5.724**	ug/L	0.062	1	230	21936	1	Standard
	Fe	**54**	**925.713**	ug/L	7.227	0	91382	3000649	1	Standard
	Fe	**57**	**1084.509**	ug/L	2.150	0	17833	1232527	2	Standard
	Mn	**55**	**85.069**	ug/L	1.780	2	1083	4142173	1	Standard
>	**Ge**	**72**		ug/L			83230	82386	1	KED
	Co	**59**	**5.742**	ug/L	0.112	1	4	30480	1	KED
	Ni	**60**	**8.646**	ug/L	0.147	1	17	12998	0	KED
	Ni	**62**	**8.732**	ug/L	0.197	2	3	2134	0	KED
	Cu	**63**	**23.456**	ug/L	0.541	2	116	101123	0	KED
	Cu	**65**	**23.318**	ug/L	0.626	2	55	49920	0	KED
	Zn	**66**	**17.541**	ug/L	0.133	0	151	11626	1	KED
	Zn	**67**	**16.966**	ug/L	0.412	2	18	1830	3	KED
	As	**75**	**5.162**	ug/L	0.087	1	3	1663	3	KED
	Se	**78**	**17.047**	ug/L	0.596	3	12	644	1	KED
	Y	**89**		ug/L			663280	684265	3	Standard
	Kr	**83**		ug/L			296	336	9	Standard
>	**In-1**	**115**		ug/L			26379	25139	0	KED
	Mo	**98**	**0.296**	ug/L	0.008	2	15	521	2	KED
	Cd	**111**	**9.001**	ug/L	0.166	1	1	3656	1	KED
	Cd	**114**	**9.064**	ug/L	0.300	3	1	9558	3	KED
>	**In**	**115**		ug/L			1341444	1346234	0	Standard
	Ag	**107**	**5.092**	ug/L	0.139	2	134	103402	2	Standard
	Ba	**135**	**5.803**	ug/L	0.147	2	506	48471	2	Standard
	Ba	**137**	**5.756**	ug/L	0.119	2	855	86070	2	Standard
>	**Tb**	**159**		ug/L			2351464	2321367	1	Standard
	Tl	**205**	**5.900**	ug/L	0.027	0	146	497949	0	Standard
	Pb	**208**	**5.866**	ug/L	0.062	1	535	650852	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD3
Sample Dil Factor: 5
DEL
Comments:
Sample Date/Time: Monday, June 28, 2021 21:08:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1280291	0	Standard
[	**Be**	**9**	**5.264**	ug/L	0.068	1	6	42381	1	Standard
	C	**13**		ug/L			23638	48283	2	Standard
	Cl	**37**		ug/L			8688083	7354658	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1518905	1	Standard
[	**Na**	**23**	**5358.284**	ug/L	61.220	1	37122	153359555	1	Standard
[	**Mg**	**24**	**1996.300**	ug/L	17.331	0	4302	67598720	1	Standard
[	**Al**	**27**	**851.680**	ug/L	9.819	1	4418	26727544	1	Standard
[	**K**	**39**	**1377.894**	ug/L	8.344	0	1211710	47225729	1	Standard
[	**Ca**	**44**	**4991.004**	ug/L	36.615	0	9439	6721532	0	Standard
[	**V**	**51**	**6.852**	ug/L	0.123	1	5885	259422	2	Standard
[	**V-1**	**51**	**7.022**	ug/L	0.115	1	466	262049	2	Standard
[	**Cr**	**52**	**5.139**	ug/L	0.042	0	17376	185604	1	Standard
[	**Cr**	**53**	**5.726**	ug/L	0.058	1	230	21813	2	Standard
[	**Fe**	**54**	**933.585**	ug/L	13.306	1	91382	3006331	1	Standard
[	**Fe**	**57**	**1084.907**	ug/L	9.449	0	17833	1225224	1	Standard
[	**Mn**	**55**	**85.412**	ug/L	1.069	1	1083	4133622	0	Standard
[>	**Ge**	**72**		ug/L			83230	82995	1	KED
[	**Co**	**59**	**5.633**	ug/L	0.021	0	4	30126	1	KED
[	**Ni**	**60**	**8.810**	ug/L	0.177	2	17	13341	0	KED
[	**Ni**	**62**	**8.760**	ug/L	0.399	4	3	2156	2	KED
[	**Cu**	**63**	**23.438**	ug/L	0.515	2	116	101810	1	KED
[	**Cu**	**65**	**23.600**	ug/L	0.285	1	55	50910	1	KED
[	**Zn**	**66**	**17.570**	ug/L	0.120	0	151	11731	1	KED
[	**Zn**	**67**	**17.702**	ug/L	0.542	3	18	1922	1	KED
[	**As**	**75**	**5.227**	ug/L	0.133	2	3	1696	1	KED
[	**Se**	**78**	**17.098**	ug/L	0.393	2	12	651	3	KED
	Y	**89**		ug/L			663280	696621	3	Standard
	Kr	**83**		ug/L			296	325	6	Standard
[>	**In-1**	**115**		ug/L			26379	25086	0	KED
[	**Mo**	**98**	**0.300**	ug/L	0.008	2	15	526	2	KED
[	**Cd**	**111**	**9.293**	ug/L	0.035	0	1	3767	0	KED
[	**Cd**	**114**	**9.107**	ug/L	0.254	2	1	9583	2	KED
[>	**In**	**115**		ug/L			1341444	1365620	1	Standard
[	**Ag**	**107**	**5.011**	ug/L	0.034	0	134	103235	1	Standard
[	**Ba**	**135**	**5.773**	ug/L	0.052	0	506	48916	0	Standard
[	**Ba**	**137**	**5.598**	ug/L	0.087	1	855	84932	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2323302	1	Standard
[	**Tl**	**205**	**5.798**	ug/L	0.046	0	146	489773	1	Standard
[	**Pb**	**208**	**5.820**	ug/L	0.034	0	535	646228	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:16:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1258017	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	1205	6	7	50	Standard
	C	**13**		ug/L			23638	24069	3	Standard
	Cl	**37**		ug/L			8688083	7403939	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1403019	0	Standard
⌈	**Na**	**23**	**1.843**	ug/L	0.023	1	37122	87552	1	Standard
⌈	**Mg**	**24**	**0.194**	ug/L	0.009	4	4302	10564	1	Standard
⌈	**Al**	**27**	**0.318**	ug/L	0.010	3	4418	13829	2	Standard
⌈	**K**	**39**	**-1.064**	ug/L	0.071	6	1211710	1235231	0	Standard
⌈	**Ca**	**44**	**4.865**	ug/L	0.086	1	9439	15919	0	Standard
⌈	**V**	**51**	**0.015**	ug/L	0.004	25	5885	6671	2	Standard
⌈	**V-1**	**51**	**0.010**	ug/L	0.001	7	466	828	3	Standard
⌈	**Cr**	**52**	**0.057**	ug/L	0.006	10	17376	19885	0	Standard
⌈	**Cr**	**53**	**0.039**	ug/L	0.006	15	230	378	5	Standard
⌈	**Fe**	**54**	**-0.013**	ug/L	0.141	1104	91382	95586	0	Standard
⌈	**Fe**	**57**	**-0.057**	ug/L	0.151	265	17833	18603	1	Standard
⌊	**Mn**	**55**	**0.026**	ug/L	0.001	5	1083	2317	2	Standard
⌈>	**Ge**	**72**		ug/L			83230	81812	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.000	4	4	7	0	KED
⌈	**Ni**	**60**	**0.031**	ug/L	0.009	28	17	63	22	KED
⌈	**Ni**	**62**	**0.045**	ug/L	0.016	34	3	14	27	KED
⌈	**Cu**	**63**	**0.040**	ug/L	0.003	7	116	285	2	KED
⌈	**Cu**	**65**	**0.043**	ug/L	0.012	28	55	146	18	KED
⌈	**Zn**	**66**	**0.435**	ug/L	0.042	9	151	431	5	KED
⌈	**Zn**	**67**	**0.536**	ug/L	0.059	10	18	74	6	KED
⌈	**As**	**75**	**0.003**	ug/L	0.004	112	3	4	26	KED
⌊	**Se**	**78**	**-0.026**	ug/L	0.041	157	12	11	11	KED
	Y	**89**		ug/L			663280	667386	0	Standard
	Kr	**83**		ug/L			296	293	2	Standard
⌈>	**In-1**	**115**		ug/L			26379	25221	1	KED
⌈	**Mo**	**98**	**-0.005**	ug/L	0.001	22	15	5	34	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.003	79	1	3	34	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.002	60	1	4	41	KED
⌈>	**In**	**115**		ug/L			1341444	1330669	3	Standard
⌈	**Ag**	**107**	**-0.004**	ug/L	0.000	7	134	45	18	Standard
⌈	**Ba**	**135**	**-0.051**	ug/L	0.001	1	506	81	10	Standard
⌊	**Ba**	**137**	**-0.047**	ug/L	0.001	1	855	156	5	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2256344	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	30	146	85	18	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.001	7	535	1366	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:22:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1221898	1	Standard
[	**Be**	**9**	**50.193**	ug/L	0.282	0	6	385654	1	Standard
	C	**13**		ug/L			23638	24854	1	Standard
	Cl	**37**		ug/L			8688083	8052771	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1362814	1	Standard
[	**Na**	**23**	**4190.996**	ug/L	15.383	0	37122	107624799	1	Standard
[	**Mg**	**24**	**4349.165**	ug/L	33.179	0	4302	132122678	0	Standard
[	**Al**	**27**	**4305.269**	ug/L	19.943	0	4418	121212335	1	Standard
[	**K**	**39**	**4635.157**	ug/L	111.466	2	1211710	139644149	3	Standard
[	**Ca**	**44**	**4658.248**	ug/L	24.275	0	9439	5629309	0	Standard
[	**V**	**51**	**49.182**	ug/L	0.447	0	5885	1633740	2	Standard
[	**V-1**	**51**	**49.116**	ug/L	0.334	0	466	1641830	1	Standard
[	**Cr**	**52**	**48.925**	ug/L	0.495	1	17376	1435060	2	Standard
[	**Cr**	**53**	**48.724**	ug/L	0.519	1	230	164748	1	Standard
[	**Fe**	**54**	**4609.025**	ug/L	38.359	0	91382	12950721	0	Standard
[	**Fe**	**57**	**4881.829**	ug/L	27.953	0	17833	4883241	1	Standard
[	**Mn**	**55**	**45.709**	ug/L	0.648	1	1083	1985366	1	Standard
[>	**Ge**	**72**		ug/L			83230	82517	1	KED
[	**Co**	**59**	**49.622**	ug/L	0.682	1	4	263794	1	KED
[	**Ni**	**60**	**49.586**	ug/L	1.104	2	17	74583	1	KED
[	**Ni**	**62**	**49.664**	ug/L	0.616	1	3	12145	1	KED
[	**Cu**	**63**	**49.387**	ug/L	0.447	0	116	213173	0	KED
[	**Cu**	**65**	**49.555**	ug/L	0.579	1	55	106224	1	KED
[	**Zn**	**66**	**51.070**	ug/L	0.843	1	151	33616	1	KED
[	**Zn**	**67**	**51.197**	ug/L	1.601	3	18	5494	1	KED
[	**As**	**75**	**48.369**	ug/L	0.313	0	3	15584	1	KED
[	**Se**	**78**	**51.107**	ug/L	1.041	2	12	1910	0	KED
	Y	**89**		ug/L			663280	657917	1	Standard
	Kr	**83**		ug/L			296	323	4	Standard
[>	**In-1**	**115**		ug/L			26379	25160	0	KED
[	**Mo**	**98**	**47.395**	ug/L	0.918	1	15	81181	1	KED
[	**Cd**	**111**	**49.573**	ug/L	0.372	0	1	20148	0	KED
[	**Cd**	**114**	**49.588**	ug/L	0.520	1	1	52330	0	KED
[>	**In**	**115**		ug/L			1341444	1287785	1	Standard
[	**Ag**	**107**	**48.232**	ug/L	1.069	2	134	935708	1	Standard
[	**Ba**	**135**	**43.883**	ug/L	0.720	1	506	347389	0	Standard
[	**Ba**	**137**	**43.220**	ug/L	0.079	0	855	612857	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2244059	1	Standard
[	**Tl**	**205**	**50.259**	ug/L	0.864	1	146	4098925	0	Standard
[	**Pb**	**208**	**52.975**	ug/L	1.098	2	535	5677135	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:30:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1255371	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	1059	6	6	41	Standard
	C	**13**		ug/L			23638	23993	0	Standard
	Cl	**37**		ug/L			8688083	7608963	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1371709	2	Standard
⌈	**Na**	**23**	**2.250**	ug/L	0.081	3	37122	96090	0	Standard
⌈	**Mg**	**24**	**0.103**	ug/L	0.008	8	4302	7551	1	Standard
⌈	**Al**	**27**	**0.421**	ug/L	0.011	2	4418	16458	0	Standard
⌈	**K**	**39**	**0.731**	ug/L	0.578	79	1211710	1261410	0	Standard
⌈	**Ca**	**44**	**2.198**	ug/L	0.187	8	9439	12323	0	Standard
⌈	**V**	**51**	**0.012**	ug/L	0.005	42	5885	6426	1	Standard
⌈	**V-1**	**51**	**-0.002**	ug/L	0.000	18	466	422	0	Standard
⌈	**Cr**	**52**	**0.043**	ug/L	0.013	30	17376	19021	1	Standard
⌈	**Cr**	**53**	**-0.002**	ug/L	0.004	190	230	229	7	Standard
⌈	**Fe**	**54**	**3.806**	ug/L	0.725	19	91382	104149	0	Standard
⌈	**Fe**	**57**	**9.200**	ug/L	0.514	5	17833	27466	0	Standard
⌊	**Mn**	**55**	**0.055**	ug/L	0.001	2	1083	3501	0	Standard
⌈>	**Ge**	**72**		ug/L			83230	82259	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	370	4	5	88	KED
⌈	**Ni**	**60**	**0.008**	ug/L	0.002	20	17	29	7	KED
⌈	**Ni**	**62**	**0.031**	ug/L	0.035	113	3	11	76	KED
⌈	**Cu**	**63**	**0.029**	ug/L	0.005	17	116	238	7	KED
⌈	**Cu**	**65**	**0.025**	ug/L	0.010	40	55	108	18	KED
⌈	**Zn**	**66**	**0.370**	ug/L	0.037	9	151	391	6	KED
⌈	**Zn**	**67**	**0.519**	ug/L	0.107	20	18	73	16	KED
⌈	**As**	**75**	**0.002**	ug/L	0.001	61	3	3	12	KED
⌊	**Se**	**78**	**-0.038**	ug/L	0.052	135	12	11	18	KED
	Y	**89**		ug/L			663280	664788	1	Standard
	Kr	**83**		ug/L			296	290	4	Standard
⌈>	**In-1**	**115**		ug/L			26379	25241	0	KED
⌈	**Mo**	**98**	**0.032**	ug/L	0.002	5	15	68	4	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.004	202	1	2	57	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.003	171	1	3	91	KED
⌈>	**In**	**115**		ug/L			1341444	1317195	0	Standard
⌈	**Ag**	**107**	**-0.002**	ug/L	0.001	23	134	85	12	Standard
⌈	**Ba**	**135**	**-0.045**	ug/L	0.001	1	506	135	4	Standard
⌊	**Ba**	**137**	**-0.042**	ug/L	0.002	5	855	226	15	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2251649	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	23	146	230	8	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	3	535	1050	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-08
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:34:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1242759	1	Standard
[	Be	9	0.001	ug/L	0.000	15	6	14	7	Standard
	C	13		ug/L			23638	46650	0	Standard
	Cl	37		ug/L			8688083	7165566	0	Standard
[>	Sc	45		ug/L			1340786	1450544	1	Standard
[	Na	23	476.543	ug/L	4.748	0	37122	13060282	0	Standard
[	Mg	24	315.692	ug/L	3.715	1	4302	10212035	1	Standard
[	Al	27	19.446	ug/L	0.204	1	4418	587424	1	Standard
[	K	39	333.339	ug/L	1.813	0	1211710	11903926	1	Standard
[	Ca	44	3761.422	ug/L	70.902	1	9439	4840797	2	Standard
[	V	51	0.241	ug/L	0.014	5	5885	14867	2	Standard
[	V-1	51	0.241	ug/L	0.005	1	466	9062	0	Standard
[	Cr	52	0.211	ug/L	0.013	5	17376	25313	1	Standard
[	Cr	53	0.210	ug/L	0.020	9	230	1003	8	Standard
[	Fe	54	24.192	ug/L	0.240	0	91382	170705	1	Standard
[	Fe	57	28.976	ug/L	0.169	0	17833	50028	1	Standard
[	Mn	55	5.625	ug/L	0.116	2	1083	261029	0	Standard
[>	Ge	72		ug/L			83230	83821	1	KED
[	Co	59	0.171	ug/L	0.009	5	4	927	4	KED
[	Ni	60	5.908	ug/L	0.088	1	17	9044	2	KED
[	Ni	62	5.920	ug/L	0.239	4	3	1473	3	KED
[	Cu	63	2.039	ug/L	0.055	2	116	9051	1	KED
[	Cu	65	2.065	ug/L	0.057	2	55	4550	2	KED
[	Zn	66	4.453	ug/L	0.063	1	151	3116	2	KED
[	Zn	67	4.316	ug/L	0.282	6	18	487	6	KED
[	As	75	0.449	ug/L	0.046	10	3	150	10	KED
[	Se	78	0.019	ug/L	0.028	145	12	13	7	KED
	Y	89		ug/L			663280	680504	1	Standard
	Kr	83		ug/L			296	304	9	Standard
[>	In-1	115		ug/L			26379	25399	2	KED
[	Mo	98	0.407	ug/L	0.019	4	15	718	3	KED
[	Cd	111	0.045	ug/L	0.013	28	1	20	24	KED
[	Cd	114	0.036	ug/L	0.012	33	1	40	31	KED
[>	In	115		ug/L			1341444	1342168	1	Standard
[	Ag	107	-0.004	ug/L	0.000	2	134	51	3	Standard
[	Ba	135	3.775	ug/L	0.068	1	506	31614	1	Standard
[	Ba	137	3.643	ug/L	0.029	0	855	54620	1	Standard
[>	Tb	159		ug/L			2351464	2290640	0	Standard
[	Tl	205	0.002	ug/L	0.001	38	146	309	20	Standard
[	Pb	208	0.028	ug/L	0.001	2	535	3553	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-12
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:39:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1251517	2	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	85	6	13	37	Standard
	C	**13**		ug/L			23638	58820	0	Standard
	Cl	**37**		ug/L			8688083	7071683	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1442307	1	Standard
[	**Na**	**23**	**479.348**	ug/L	8.079	1	37122	13063023	1	Standard
[	**Mg**	**24**	**327.580**	ug/L	4.742	1	4302	10537045	2	Standard
[	**Al**	**27**	**20.056**	ug/L	0.190	0	4418	602280	1	Standard
[	**K**	**39**	**342.300**	ug/L	4.125	1	1211710	12121028	2	Standard
[	**Ca**	**44**	**3783.281**	ug/L	13.537	0	9439	4840701	1	Standard
[	**V**	**51**	**0.254**	ug/L	0.005	2	5885	15216	0	Standard
[	**V-1**	**51**	**0.252**	ug/L	0.002	0	466	9423	0	Standard
[	**Cr**	**52**	**0.247**	ug/L	0.002	0	17376	26261	1	Standard
[	**Cr**	**53**	**0.242**	ug/L	0.012	5	230	1114	5	Standard
[	**Fe**	**54**	**18.382**	ug/L	0.242	1	91382	152570	0	Standard
[	**Fe**	**57**	**22.991**	ug/L	0.227	0	17833	43431	0	Standard
[	**Mn**	**55**	**4.317**	ug/L	0.015	0	1083	199530	1	Standard
[>	**Ge**	**72**		ug/L			83230	83982	0	KED
[	**Co**	**59**	**0.055**	ug/L	0.008	14	4	299	14	KED
[	**Ni**	**60**	**0.195**	ug/L	0.026	13	17	315	13	KED
[	**Ni**	**62**	**0.166**	ug/L	0.062	37	3	45	34	KED
[	**Cu**	**63**	**1.793**	ug/L	0.037	2	116	7991	1	KED
[	**Cu**	**65**	**1.825**	ug/L	0.023	1	55	4034	0	KED
[	**Zn**	**66**	**3.762**	ug/L	0.149	3	151	2661	3	KED
[	**Zn**	**67**	**3.676**	ug/L	0.436	11	18	419	11	KED
[	**As**	**75**	**0.359**	ug/L	0.031	8	3	120	8	KED
[	**Se**	**78**	**0.045**	ug/L	0.120	266	12	14	30	KED
	Y	**89**		ug/L			663280	671082	1	Standard
	Kr	**83**		ug/L			296	301	12	Standard
[>	**In-1**	**115**		ug/L			26379	25479	0	KED
[	**Mo**	**98**	**0.360**	ug/L	0.028	7	15	639	7	KED
[	**Cd**	**111**	**0.036**	ug/L	0.012	33	1	16	29	KED
[	**Cd**	**114**	**0.032**	ug/L	0.006	19	1	35	18	KED
[>	**In**	**115**		ug/L			1341444	1339205	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.000	8	134	54	13	Standard
[	**Ba**	**135**	**3.352**	ug/L	0.027	0	506	28063	1	Standard
[	**Ba**	**137**	**3.278**	ug/L	0.082	2	855	49115	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2288211	1	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	12	146	272	5	Standard
[	**Pb**	**208**	**0.023**	ug/L	0.001	2	535	3043	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-23
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:44:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1254584	0	Standard
[	Be	9	0.000	ug/L	0.001	620	6	8	74	Standard
	C	13		ug/L			23638	50133	0	Standard
	Cl	37		ug/L			8688083	7104184	0	Standard
[>	Sc	45		ug/L			1340786	1428443	1	Standard
[	Na	23	447.939	ug/L	6.695	1	37122	12091536	1	Standard
[	Mg	24	271.977	ug/L	1.604	0	4302	8664574	1	Standard
[	Al	27	28.272	ug/L	0.562	1	4418	838929	2	Standard
[	K	39	299.888	ug/L	5.677	1	1211710	10675761	2	Standard
[	Ca	44	3231.342	ug/L	117.396	3	9439	4095106	2	Standard
[	V	51	0.297	ug/L	0.010	3	5885	16566	1	Standard
[	V-1	51	0.292	ug/L	0.006	2	466	10733	1	Standard
[	Cr	52	0.191	ug/L	0.016	8	17376	24306	1	Standard
[	Cr	53	0.180	ug/L	0.004	2	230	881	2	Standard
[	Fe	54	27.270	ug/L	0.176	0	91382	177099	1	Standard
[	Fe	57	30.290	ug/L	0.581	1	17833	50633	0	Standard
[	Mn	55	1.633	ug/L	0.014	0	1083	75441	0	Standard
[>	Ge	72		ug/L			83230	84137	1	KED
[	Co	59	0.050	ug/L	0.001	2	4	274	3	KED
[	Ni	60	0.273	ug/L	0.013	4	17	436	5	KED
[	Ni	62	0.270	ug/L	0.045	16	3	71	15	KED
[	Cu	63	2.206	ug/L	0.023	1	116	9821	1	KED
[	Cu	65	2.198	ug/L	0.057	2	55	4856	1	KED
[	Zn	66	2.801	ug/L	0.098	3	151	2024	2	KED
[	Zn	67	3.002	ug/L	0.165	5	18	346	4	KED
[	As	75	0.570	ug/L	0.057	10	3	190	8	KED
[	Se	78	-0.036	ug/L	0.082	226	12	11	25	KED
	Y	89		ug/L			663280	668458	1	Standard
	Kr	83		ug/L			296	281	9	Standard
[>	In-1	115		ug/L			26379	25384	0	KED
[	Mo	98	0.398	ug/L	0.031	7	15	702	7	KED
[	Cd	111	0.032	ug/L	0.010	32	1	14	28	KED
[	Cd	114	0.027	ug/L	0.006	23	1	30	21	KED
[>	In	115		ug/L			1341444	1334383	0	Standard
[	Ag	107	-0.004	ug/L	0.000	6	134	57	8	Standard
[	Ba	135	3.505	ug/L	0.032	0	506	29217	1	Standard
[	Ba	137	3.479	ug/L	0.021	0	855	51908	1	Standard
[>	Tb	159		ug/L			2351464	2277643	1	Standard
[	Tl	205	0.001	ug/L	0.000	31	146	260	12	Standard
[	Pb	208	0.039	ug/L	0.001	1	535	4778	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-25
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:49:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1225850	4	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	52	6	12	18	Standard
	C	**13**		ug/L			23638	55802	1	Standard
	Cl	**37**		ug/L			8688083	7069668	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1388861	4	Standard
[	**Na**	**23**	**465.407**	ug/L	10.140	2	37122	12207313	1	Standard
[	**Mg**	**24**	**290.549**	ug/L	8.491	2	4302	8992679	1	Standard
[	**Al**	**27**	**22.468**	ug/L	0.535	2	4418	648781	1	Standard
[	**K**	**39**	**326.394**	ug/L	9.850	3	1211710	11178760	1	Standard
[	**Ca**	**44**	**3317.425**	ug/L	74.438	2	9439	4086493	2	Standard
[	**V**	**51**	**0.274**	ug/L	0.009	3	5885	15312	2	Standard
[	**V-1**	**51**	**0.264**	ug/L	0.007	2	466	9458	2	Standard
[	**Cr**	**52**	**0.231**	ug/L	0.025	10	17376	24788	1	Standard
[	**Cr**	**53**	**0.201**	ug/L	0.016	8	230	928	2	Standard
[	**Fe**	**54**	**23.680**	ug/L	3.230	13	91382	161737	1	Standard
[	**Fe**	**57**	**25.613**	ug/L	0.777	3	17833	44464	2	Standard
[	**Mn**	**55**	**1.623**	ug/L	0.060	3	1083	72856	0	Standard
[>	**Ge**	**72**		ug/L			83230	82883	1	KED
[	**Co**	**59**	**0.091**	ug/L	0.008	9	4	488	10	KED
[	**Ni**	**60**	**0.252**	ug/L	0.029	11	17	396	9	KED
[	**Ni**	**62**	**0.300**	ug/L	0.039	13	3	77	13	KED
[	**Cu**	**63**	**2.096**	ug/L	0.036	1	116	9201	3	KED
[	**Cu**	**65**	**2.073**	ug/L	0.076	3	55	4515	2	KED
[	**Zn**	**66**	**3.322**	ug/L	0.143	4	151	2336	2	KED
[	**Zn**	**67**	**3.564**	ug/L	0.344	9	18	401	9	KED
[	**As**	**75**	**0.497**	ug/L	0.025	5	3	163	3	KED
[	**Se**	**78**	**-0.059**	ug/L	0.068	115	12	10	24	KED
	Y	**89**		ug/L			663280	642143	3	Standard
	Kr	**83**		ug/L			296	302	6	Standard
[>	**In-1**	**115**		ug/L			26379	25140	1	KED
[	**Mo**	**98**	**0.361**	ug/L	0.005	1	15	631	2	KED
[	**Cd**	**111**	**0.031**	ug/L	0.008	26	1	14	24	KED
[	**Cd**	**114**	**0.026**	ug/L	0.009	34	1	29	32	KED
[>	**In**	**115**		ug/L			1341444	1322140	3	Standard
[	**Ag**	**107**	**-0.003**	ug/L	0.000	9	134	63	14	Standard
[	**Ba**	**135**	**3.817**	ug/L	0.107	2	506	31458	1	Standard
[	**Ba**	**137**	**3.743**	ug/L	0.100	2	855	55227	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2242357	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	8	146	243	4	Standard
[	**Pb**	**208**	**0.053**	ug/L	0.002	3	535	6224	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-27
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:54:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1226342	0	Standard
	Be	9	-0.000	ug/L	0.000	2809	6	6	41	Standard
	C	13		ug/L			23638	54019	1	Standard
	Cl	37		ug/L			8688083	7066938	0	Standard
>	Sc	45		ug/L			1340786	1396484	1	Standard
	Na	23	459.417	ug/L	7.993	1	37122	12121887	1	Standard
	Mg	24	285.256	ug/L	7.454	2	4302	8881928	1	Standard
	Al	27	22.289	ug/L	0.284	1	4418	647507	1	Standard
	K	39	323.639	ug/L	2.133	0	1211710	11164621	2	Standard
	Ca	44	3325.105	ug/L	95.618	2	9439	4119537	2	Standard
	V	51	0.262	ug/L	0.012	4	5885	15022	0	Standard
	V-1	51	0.262	ug/L	0.005	1	466	9453	0	Standard
	Cr	52	0.188	ug/L	0.014	7	17376	23674	0	Standard
	Cr	53	0.189	ug/L	0.014	7	230	894	6	Standard
	Fe	54	21.634	ug/L	1.119	5	91382	156993	1	Standard
	Fe	57	24.674	ug/L	0.598	2	17833	43769	1	Standard
	Mn	55	1.633	ug/L	0.027	1	1083	73767	2	Standard
>	Ge	72		ug/L			83230	82040	1	KED
	Co	59	0.042	ug/L	0.005	11	4	224	9	KED
	Ni	60	0.159	ug/L	0.017	10	17	253	10	KED
	Ni	62	0.152	ug/L	0.012	7	3	40	7	KED
	Cu	63	2.128	ug/L	0.036	1	116	9240	1	KED
	Cu	65	2.110	ug/L	0.040	1	55	4549	2	KED
	Zn	66	3.810	ug/L	0.105	2	151	2630	0	KED
	Zn	67	3.988	ug/L	0.138	3	18	442	5	KED
	As	75	0.489	ug/L	0.019	3	3	159	4	KED
	Se	78	0.031	ug/L	0.021	67	12	13	6	KED
	Y	89		ug/L			663280	662888	1	Standard
	Kr	83		ug/L			296	275	10	Standard
>	In-1	115		ug/L			26379	25205	2	KED
	Mo	98	0.376	ug/L	0.028	7	15	658	5	KED
	Cd	111	0.033	ug/L	0.012	34	1	15	28	KED
	Cd	114	0.033	ug/L	0.011	34	1	36	34	KED
>	In	115		ug/L			1341444	1317131	1	Standard
	Ag	107	-0.004	ug/L	0.000	8	134	54	12	Standard
	Ba	135	3.599	ug/L	0.036	0	506	29600	1	Standard
	Ba	137	3.491	ug/L	0.010	0	855	51403	1	Standard
>	Tb	159		ug/L			2351464	2259126	0	Standard
	Tl	205	0.001	ug/L	0.000	23	146	217	7	Standard
	Pb	208	0.029	ug/L	0.000	1	535	3625	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 22:00:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1228885	0	Standard
[	Be	9	0.008	ug/L	0.002	27	6	71	24	Standard
	C	13		ug/L			23638	44620	1	Standard
	Cl	37		ug/L			8688083	7227002	1	Standard
[>	Sc	45		ug/L			1340786	1380280	0	Standard
[	Na	23	208.980	ug/L	4.124	1	37122	5472228	2	Standard
[	Mg	24	336.196	ug/L	2.963	0	4302	10348914	1	Standard
[	Al	27	99.728	ug/L	0.029	0	4418	2848112	0	Standard
[	K	39	273.555	ug/L	4.497	1	1211710	9520268	1	Standard
[	Ca	44	2674.782	ug/L	17.677	0	9439	3278123	1	Standard
[	V	51	0.046	ug/L	0.005	11	5885	7608	2	Standard
[	V-1	51	0.035	ug/L	0.001	3	466	1650	2	Standard
[	Cr	52	0.092	ug/L	0.014	15	17376	20594	2	Standard
[	Cr	53	0.054	ug/L	0.008	14	230	421	6	Standard
[	Fe	54	17.353	ug/L	0.761	4	91382	143115	1	Standard
[	Fe	57	21.231	ug/L	0.147	0	17833	39789	0	Standard
[	Mn	55	98.642	ug/L	2.334	2	1083	4338375	2	Standard
[>	Ge	72		ug/L			83230	81778	0	KED
[	Co	59	1.731	ug/L	0.026	1	4	9123	2	KED
[	Ni	60	0.717	ug/L	0.044	6	17	1086	7	KED
[	Ni	62	0.823	ug/L	0.084	10	3	203	10	KED
[	Cu	63	1.236	ug/L	0.034	2	116	5399	2	KED
[	Cu	65	1.253	ug/L	0.013	1	55	2715	0	KED
[	Zn	66	18.089	ug/L	0.072	0	151	11897	1	KED
[	Zn	67	17.216	ug/L	0.458	2	18	1843	1	KED
[	As	75	0.030	ug/L	0.009	31	3	12	22	KED
[	Se	78	-0.061	ug/L	0.026	43	12	10	9	KED
	Y	89		ug/L			663280	665616	1	Standard
	Kr	83		ug/L			296	287	8	Standard
[>	In-1	115		ug/L			26379	24956	1	KED
[	Mo	98	0.055	ug/L	0.014	26	15	106	22	KED
[	Cd	111	0.179	ug/L	0.014	8	1	73	8	KED
[	Cd	114	0.199	ug/L	0.009	4	1	209	5	KED
[>	In	115		ug/L			1341444	1333519	0	Standard
[	Ag	107	-0.005	ug/L	0.000	5	134	34	16	Standard
[	Ba	135	2.072	ug/L	0.037	1	506	17470	2	Standard
[	Ba	137	2.035	ug/L	0.039	1	855	30689	1	Standard
[>	Tb	159		ug/L			2351464	2289088	1	Standard
[	Tl	205	0.004	ug/L	0.000	7	146	462	4	Standard
[	Pb	208	0.011	ug/L	0.000	2	535	1755	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 22:05:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1207833	1195697	0	Standard
⌊	Be	9	0.009	ug/L	0.002	22	6	74	20	Standard
	C	13		ug/L			23638	43649	0	Standard
	Cl	37		ug/L			8688083	7264844	0	Standard
⌈>	Sc	45		ug/L			1340786	1342761	0	Standard
⌈	Na	23	207.966	ug/L	1.501	0	37122	5297391	0	Standard
⌈	Mg	24	329.698	ug/L	0.646	0	4302	9873005	0	Standard
⌈	Al	27	98.773	ug/L	0.367	0	4418	2744236	0	Standard
⌈	K	39	274.892	ug/L	10.222	3	1211710	9299555	2	Standard
⌈	Ca	44	2597.407	ug/L	20.963	0	9439	3096913	0	Standard
⌈	V	51	0.047	ug/L	0.006	12	5885	7430	2	Standard
⌈	V-1	51	0.030	ug/L	0.001	4	466	1468	3	Standard
⌈	Cr	52	0.076	ug/L	0.011	14	17376	19579	1	Standard
⌈	Cr	53	0.023	ug/L	0.007	29	230	306	6	Standard
⌈	Fe	54	17.074	ug/L	0.271	1	91382	138452	0	Standard
⌈	Fe	57	20.420	ug/L	0.382	1	17833	37911	1	Standard
⌊	Mn	55	97.487	ug/L	1.280	1	1083	4171017	1	Standard
⌈>	Ge	72		ug/L			83230	81419	0	KED
⌈	Co	59	1.692	ug/L	0.015	0	4	8882	1	KED
⌈	Ni	60	0.665	ug/L	0.036	5	17	1003	4	KED
⌈	Ni	62	0.750	ug/L	0.073	9	3	184	9	KED
⌈	Cu	63	1.171	ug/L	0.021	1	116	5100	1	KED
⌈	Cu	65	1.167	ug/L	0.047	4	55	2521	4	KED
⌈	Zn	66	17.176	ug/L	0.210	1	151	11253	0	KED
⌈	Zn	67	15.981	ug/L	0.569	3	18	1705	4	KED
⌈	As	75	0.043	ug/L	0.016	36	3	16	30	KED
⌊	Se	78	-0.058	ug/L	0.063	107	12	10	22	KED
	Y	89		ug/L			663280	655184	1	Standard
	Kr	83		ug/L			296	287	13	Standard
⌈>	In-1	115		ug/L			26379	24288	0	KED
⌈	Mo	98	0.051	ug/L	0.011	22	15	98	18	KED
⌈	Cd	111	0.161	ug/L	0.016	9	1	65	9	KED
⌊	Cd	114	0.170	ug/L	0.007	3	1	174	3	KED
⌈>	In	115		ug/L			1341444	1306551	1	Standard
⌈	Ag	107	-0.005	ug/L	0.000	6	134	33	17	Standard
⌈	Ba	135	1.996	ug/L	0.025	1	506	16500	1	Standard
⌊	Ba	137	1.954	ug/L	0.005	0	855	28908	1	Standard
⌈>	Tb	159		ug/L			2351464	2248342	1	Standard
⌈	Tl	205	0.003	ug/L	0.000	6	146	422	5	Standard
⌊	Pb	208	0.008	ug/L	0.000	3	535	1356	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 22:10:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**			ug/L			1207833	1172513	1	Standard
⌊	**Be**	**9**		**5.235**	ug/L	0.053	1	6	38603	2	Standard
	C	**13**			ug/L			23638	43217	0	Standard
	Cl	**37**			ug/L			8688083	7267601	1	Standard
⌈>	**Sc**	**45**			ug/L			1340786	1347738	2	Standard
⌈	**Na**	**23**		**1055.099**	ug/L	5.018	0	37122	26823703	3	Standard
⌈	**Mg**	**24**		**1219.345**	ug/L	14.448	1	4302	36636270	3	Standard
⌈	**Al**	**27**		**1001.356**	ug/L	6.368	0	4418	27886120	3	Standard
⌈	**K**	**39**		**1287.948**	ug/L	19.835	1	1211710	39259357	4	Standard
⌈	**Ca**	**44**		**3607.953**	ug/L	50.810	1	9439	4314468	3	Standard
⌈	**V**	**51**		**5.025**	ug/L	0.086	1	5885	170351	2	Standard
⌈	**V-1**	**51**		**4.988**	ug/L	0.066	1	466	165294	2	Standard
⌈	**Cr**	**52**		**5.108**	ug/L	0.072	1	17376	163776	2	Standard
⌈	**Cr**	**53**		**4.988**	ug/L	0.018	0	230	16889	3	Standard
⌈	**Fe**	**54**		**1001.309**	ug/L	6.406	0	91382	2854162	2	Standard
⌈	**Fe**	**57**		**1138.590**	ug/L	10.850	0	17833	1140222	3	Standard
⌊	**Mn**	**55**	STL	**100.556**	ug/L	0.753	0	1083	4318788	3	Standard
⌈>	**Ge**	**72**			ug/L			83230	80472	0	KED
⌈	**Co**	**59**		**6.856**	ug/L	0.091	1	4	35550	1	KED
⌈	**Ni**	**60**		**5.825**	ug/L	0.025	0	17	8561	0	KED
⌈	**Ni**	**62**		**5.830**	ug/L	0.191	3	3	1393	3	KED
⌈	**Cu**	**63**		**6.319**	ug/L	0.057	0	116	26699	0	KED
⌈	**Cu**	**65**		**6.420**	ug/L	0.060	0	55	13467	1	KED
⌈	**Zn**	**66**		**34.425**	ug/L	0.309	0	151	22148	1	KED
⌈	**Zn**	**67**		**33.075**	ug/L	0.289	0	18	3468	0	KED
⌈	**As**	**75**		**4.980**	ug/L	0.118	2	3	1567	2	KED
⌊	**Se**	**78**		**17.682**	ug/L	0.551	3	12	652	2	KED
	Y	**89**			ug/L			663280	641607	3	Standard
	Kr	**83**			ug/L			296	274	11	Standard
⌈>	**In-1**	**115**			ug/L			26379	24512	1	KED
⌈	**Mo**	**98**		**0.050**	ug/L	0.015	29	15	97	25	KED
⌈	**Cd**	**111**		**5.429**	ug/L	0.245	4	1	2150	2	KED
⌊	**Cd**	**114**		**5.457**	ug/L	0.057	1	1	5611	0	KED
⌈>	**In**	**115**			ug/L			1341444	1296247	2	Standard
⌈	**Ag**	**107**		**5.256**	ug/L	0.071	1	134	102773	3	Standard
⌈	**Ba**	**135**		**6.501**	ug/L	0.024	0	506	52231	2	Standard
⌊	**Ba**	**137**		**6.379**	ug/L	0.068	1	855	91742	2	Standard
⌈>	**Tb**	**159**			ug/L			2351464	2251942	3	Standard
⌈	**Tl**	**205**		**5.732**	ug/L	0.082	1	146	469458	4	Standard
⌊	**Pb**	**208**		**5.783**	ug/L	0.028	0	535	622410	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 22:16:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean		Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6			ug/L			1207833	1164190	0	Standard
[	Be	9	5.204		ug/L	0.191	3	6	38099	3	Standard
	C	13			ug/L			23638	43056	1	Standard
	Cl	37			ug/L			8688083	7319454	0	Standard
[>	Sc	45			ug/L			1340786	1351434	1	Standard
[	Na	23	1047.083		ug/L	13.883	1	37122	26695849	2	Standard
[	Mg	24	1200.775		ug/L	13.804	1	4302	36177084	1	Standard
[	Al	27	989.199		ug/L	4.331	0	4418	27619530	0	Standard
[	K	39	1276.632		ug/L	6.654	0	1211710	39019308	0	Standard
[	Ca	44	3603.750		ug/L	38.764	1	9439	4320779	1	Standard
[	V	51	4.944		ug/L	0.072	1	5885	168193	1	Standard
[	V-1	51	4.935		ug/L	0.071	1	466	164007	1	Standard
[	Cr	52	4.987		ug/L	0.026	0	17376	160765	0	Standard
[	Cr	53	4.956		ug/L	0.009	0	230	16828	1	Standard
[	Fe	54	989.665		ug/L	11.377	1	91382	2830057	1	Standard
[	Fe	57	1134.795		ug/L	2.113	0	17833	1139462	1	Standard
[	Mn	55	STL	102.247	ug/L	0.947	0	1083	4402540	0	Standard
[>	Ge	72			ug/L			83230	79618	1	KED
[	Co	59	6.820		ug/L	0.123	1	4	34983	1	KED
[	Ni	60	5.889		ug/L	0.051	0	17	8561	1	KED
[	Ni	62	5.855		ug/L	0.367	6	3	1384	5	KED
[	Cu	63	6.257		ug/L	0.069	1	116	26159	1	KED
[	Cu	65	6.249		ug/L	0.096	1	55	12970	0	KED
[	Zn	66	34.872		ug/L	0.323	0	151	22193	1	KED
[	Zn	67	32.897		ug/L	0.073	0	18	3413	1	KED
[	As	75	5.119		ug/L	0.043	0	3	1594	1	KED
[	Se	78	16.848		ug/L	0.985	5	12	615	6	KED
	Y	89			ug/L			663280	655978	2	Standard
	Kr	83			ug/L			296	303	6	Standard
[>	In-1	115			ug/L			26379	24516	1	KED
[	Mo	98	0.043		ug/L	0.013	30	15	85	24	KED
[	Cd	111	5.365		ug/L	0.040	0	1	2126	0	KED
[	Cd	114	5.316		ug/L	0.038	0	1	5467	1	KED
[>	In	115			ug/L			1341444	1307712	0	Standard
[	Ag	107	5.209		ug/L	0.129	2	134	102747	1	Standard
[	Ba	135	6.429		ug/L	0.119	1	506	52106	1	Standard
[	Ba	137	6.297		ug/L	0.101	1	855	91379	1	Standard
[>	Tb	159			ug/L			2351464	2253119	1	Standard
[	Tl	205	5.690		ug/L	0.153	2	146	466012	1	Standard
[	Pb	208	5.719		ug/L	0.169	2	535	615762	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:24:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1193151	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	2563	6	6	31	Standard
	C	**13**		ug/L			23638	23137	1	Standard
	Cl	**37**		ug/L			8688083	7415656	0	Standard
>	**Sc**	**45**		ug/L			1340786	1326798	1	Standard
	Na	**23**	**1.133**	ug/L	0.098	8	37122	65035	2	Standard
	Mg	**24**	**0.189**	ug/L	0.005	2	4302	9849	1	Standard
	Al	**27**	**0.342**	ug/L	0.013	3	4418	13731	1	Standard
	K	**39**	**1.162**	ug/L	0.131	11	1211710	1232853	1	Standard
	Ca	**44**	**3.920**	ug/L	0.077	1	9439	13943	0	Standard
	V	**51**	**0.016**	ug/L	0.000	2	5885	6327	1	Standard
	V-1	**51**	**-0.004**	ug/L	0.001	26	466	344	9	Standard
	Cr	**52**	**0.049**	ug/L	0.001	3	17376	18579	1	Standard
	Cr	**53**	**-0.013**	ug/L	0.004	27	230	186	6	Standard
	Fe	**54**	**0.001**	ug/L	0.057	4415	91382	90432	0	Standard
	Fe	**57**	**-2.054**	ug/L	0.102	4	17833	15654	0	Standard
	Mn	**55**	**0.021**	ug/L	0.002	10	1083	1958	3	Standard
>	**Ge**	**72**		ug/L			83230	79618	1	KED
	Co	**59**	**0.000**	ug/L	0.001	224	4	5	57	KED
	Ni	**60**	**0.046**	ug/L	0.007	16	17	82	11	KED
	Ni	**62**	**0.057**	ug/L	0.020	35	3	17	29	KED
	Cu	**63**	**0.045**	ug/L	0.004	8	116	297	6	KED
	Cu	**65**	**0.037**	ug/L	0.014	37	55	130	23	KED
	Zn	**66**	**0.397**	ug/L	0.061	15	151	396	11	KED
	Zn	**67**	**0.537**	ug/L	0.023	4	18	73	1	KED
	As	**75**	**0.001**	ug/L	0.005	576	3	3	51	KED
	Se	**78**	**-0.013**	ug/L	0.044	346	12	11	14	KED
	Y	**89**		ug/L			663280	641040	1	Standard
	Kr	**83**		ug/L			296	297	11	Standard
>	**In-1**	**115**		ug/L			26379	24863	0	KED
	Mo	**98**	**-0.004**	ug/L	0.002	40	15	6	42	KED
	Cd	**111**	**0.002**	ug/L	0.001	76	1	2	21	KED
	Cd	**114**	**0.004**	ug/L	0.001	21	1	5	16	KED
>	**In**	**115**		ug/L			1341444	1286360	0	Standard
	Ag	**107**	**-0.004**	ug/L	0.001	15	134	42	31	Standard
	Ba	**135**	**-0.051**	ug/L	0.001	2	506	84	12	Standard
	Ba	**137**	**-0.048**	ug/L	0.002	3	855	146	15	Standard
>	**Tb**	**159**		ug/L			2351464	2229480	0	Standard
	Tl	**205**	**-0.001**	ug/L	0.000	16	146	84	11	Standard
	Pb	**208**	**0.008**	ug/L	0.001	11	535	1327	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:30:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1210609	0	Standard
	Be	9	49.840	ug/L	1.224	2	6	379447	3	Standard
	C	13		ug/L			23638	23958	2	Standard
	Cl	37		ug/L			8688083	8096538	1	Standard
>	Sc	45		ug/L			1340786	1342990	0	Standard
	Na	23	4209.936	ug/L	61.852	1	37122	106537809	1	Standard
	Mg	24	4455.398	ug/L	40.199	0	4302	133394549	1	Standard
	Al	27	4366.426	ug/L	47.505	1	4418	121133352	0	Standard
	K	39	4928.973	ug/L	49.617	1	1211710	146244000	1	Standard
	Ca	44	4759.910	ug/L	57.502	1	9439	5668461	1	Standard
	V	51	48.859	ug/L	0.805	1	5885	1599392	2	Standard
	V-1	51	48.680	ug/L	0.931	1	466	1603644	2	Standard
	Cr	52	48.596	ug/L	0.612	1	17376	1404687	1	Standard
	Cr	53	48.039	ug/L	0.845	1	230	160089	2	Standard
	Fe	54	4739.300	ug/L	39.354	0	91382	13122010	1	Standard
	Fe	57	4952.719	ug/L	30.686	0	17833	4881798	0	Standard
	Mn	55	46.338	ug/L	0.419	0	1083	1983412	0	Standard
>	Ge	72		ug/L			83230	81224	2	KED
	Co	59	49.835	ug/L	0.688	1	4	260752	0	KED
	Ni	60	49.078	ug/L	0.811	1	17	72662	0	KED
	Ni	62	48.975	ug/L	0.769	1	3	11787	0	KED
	Cu	63	49.490	ug/L	0.882	1	116	210239	0	KED
	Cu	65	49.102	ug/L	0.952	1	55	103586	1	KED
	Zn	66	52.058	ug/L	0.392	0	151	33732	2	KED
	Zn	67	51.586	ug/L	1.103	2	18	5449	0	KED
	As	75	48.550	ug/L	0.415	0	3	15395	1	KED
	Se	78	51.075	ug/L	0.733	1	12	1880	3	KED
	Y	89		ug/L			663280	646946	1	Standard
	Kr	83		ug/L			296	286	10	Standard
>	In-1	115		ug/L			26379	25246	2	KED
	Mo	98	46.586	ug/L	0.925	1	15	80047	1	KED
	Cd	111	48.664	ug/L	1.270	2	1	19838	1	KED
	Cd	114	48.690	ug/L	0.980	2	1	51547	2	KED
>	In	115		ug/L			1341444	1307016	2	Standard
	Ag	107	49.106	ug/L	1.421	2	134	966669	1	Standard
	Ba	135	43.218	ug/L	0.716	1	506	347238	1	Standard
	Ba	137	42.248	ug/L	0.849	2	855	607925	1	Standard
>	Tb	159		ug/L			2351464	2246279	1	Standard
	Tl	205	51.169	ug/L	0.979	1	146	4177089	0	Standard
	Pb	208	53.074	ug/L	0.272	0	535	5693808	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:38:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1216217	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	74	6	9	20	Standard
	C	**13**		ug/L			23638	22888	0	Standard
	Cl	**37**		ug/L			8688083	7583739	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1329014	0	Standard
⌈	**Na**	**23**	**1.615**	ug/L	0.035	2	37122	77225	1	Standard
⌈	**Mg**	**24**	**0.103**	ug/L	0.004	3	4302	7313	1	Standard
⌈	**Al**	**27**	**0.441**	ug/L	0.014	3	4418	16494	3	Standard
⌈	**K**	**39**	**1.238**	ug/L	0.520	41	1211710	1237068	0	Standard
⌈	**Ca**	**44**	**1.213**	ug/L	0.052	4	9439	10783	1	Standard
⌈	**V**	**51**	**-0.001**	ug/L	0.015	1474	5885	5803	8	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.000	3	466	297	1	Standard
⌈	**Cr**	**52**	**0.021**	ug/L	0.011	51	17376	17807	2	Standard
⌈	**Cr**	**53**	**0.007**	ug/L	0.038	532	230	251	48	Standard
⌈	**Fe**	**54**	**3.690**	ug/L	0.619	16	91382	100616	1	Standard
⌈	**Fe**	**57**	**7.986**	ug/L	0.696	8	17833	25440	3	Standard
⌊	**Mn**	**55**	**0.051**	ug/L	0.002	4	1083	3248	1	Standard
⌈>	**Ge**	**72**		ug/L			83230	80793	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	340	4	3	124	KED
⌈	**Ni**	**60**	**0.016**	ug/L	0.007	43	17	40	25	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.001	7	3	5	0	KED
⌈	**Cu**	**63**	**0.027**	ug/L	0.007	25	116	224	10	KED
⌈	**Cu**	**65**	**0.032**	ug/L	0.017	53	55	120	29	KED
⌈	**Zn**	**66**	**0.369**	ug/L	0.010	2	151	383	4	KED
⌈	**Zn**	**67**	**0.401**	ug/L	0.125	31	18	59	19	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.004	294	3	2	44	KED
⌊	**Se**	**78**	**0.011**	ug/L	0.065	580	12	12	21	KED
	Y	**89**		ug/L			663280	632456	3	Standard
	Kr	**83**		ug/L			296	368	32	Standard
⌈>	**In-1**	**115**		ug/L			26379	24849	2	KED
⌈	**Mo**	**98**	**0.029**	ug/L	0.005	17	15	63	15	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.005	2153	1	1	100	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	102	1	3	53	KED
⌈>	**In**	**115**		ug/L			1341444	1264515	3	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.006	873	134	137	82	Standard
⌈	**Ba**	**135**	**-0.036**	ug/L	0.014	39	506	197	51	Standard
⌊	**Ba**	**137**	**-0.036**	ug/L	0.011	31	855	296	48	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2213318	3	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.002	112	146	266	51	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.004	54	535	1200	28	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-31
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:42:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1233310	1	Standard
[	Be	9	0.000	ug/L	0.000	5	6	9	0	Standard
	C	13		ug/L			23638	56358	0	Standard
	Cl	37		ug/L			8688083	7103017	1	Standard
[>	Sc	45		ug/L			1340786	1391217	1	Standard
[	Na	23	506.713	ug/L	2.930	0	37122	13317203	0	Standard
[	Mg	24	352.853	ug/L	6.294	1	4302	10947222	2	Standard
[	Al	27	5.701	ug/L	0.190	3	4418	168371	2	Standard
[	K	39	455.538	ug/L	11.952	2	1211710	15142853	2	Standard
[	Ca	44	3928.563	ug/L	35.826	0	9439	4847910	0	Standard
[	V	51	0.117	ug/L	0.002	2	5885	10045	0	Standard
[	V-1	51	0.101	ug/L	0.002	1	466	3918	2	Standard
[	Cr	52	0.357	ug/L	0.017	4	17376	28597	1	Standard
[	Cr	53	0.300	ug/L	0.016	5	230	1272	4	Standard
[	Fe	54	14.844	ug/L	0.876	5	91382	137075	0	Standard
[	Fe	57	21.480	ug/L	0.819	3	17833	40350	0	Standard
[	Mn	55	8.800	ug/L	0.121	1	1083	391071	0	Standard
[>	Ge	72		ug/L			83230	82773	0	KED
[	Co	59	0.056	ug/L	0.004	6	4	303	6	KED
[	Ni	60	0.289	ug/L	0.016	5	17	453	5	KED
[	Ni	62	0.334	ug/L	0.043	12	3	85	12	KED
[	Cu	63	1.307	ug/L	0.020	1	116	5772	1	KED
[	Cu	65	1.245	ug/L	0.028	2	55	2731	2	KED
[	Zn	66	9.121	ug/L	0.168	1	151	6146	1	KED
[	Zn	67	8.709	ug/L	0.188	2	18	953	2	KED
[	As	75	0.069	ug/L	0.002	3	3	25	2	KED
[	Se	78	-0.010	ug/L	0.135	1294	12	12	40	KED
	Y	89		ug/L			663280	651321	1	Standard
	Kr	83		ug/L			296	292	10	Standard
[>	In-1	115		ug/L			26379	25095	0	KED
[	Mo	98	0.697	ug/L	0.035	4	15	1205	5	KED
[	Cd	111	0.075	ug/L	0.006	7	1	32	7	KED
[	Cd	114	0.067	ug/L	0.005	7	1	72	7	KED
[>	In	115		ug/L			1341444	1345007	0	Standard
[	Ag	107	-0.004	ug/L	0.000	4	134	47	8	Standard
[	Ba	135	4.346	ug/L	0.056	1	506	36396	1	Standard
[	Ba	137	4.239	ug/L	0.060	1	855	63558	1	Standard
[>	Tb	159		ug/L			2351464	2291098	1	Standard
[	Tl	205	0.004	ug/L	0.000	10	146	445	7	Standard
[	Pb	208	0.004	ug/L	0.000	10	535	980	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-37
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:47:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1230347	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	49	6	18	31	Standard
	C	**13**		ug/L			23638	59797	2	Standard
	Cl	**37**		ug/L			8688083	7034358	1	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1394858	2	Standard
⌈	**Na**	**23**	**537.058**	ug/L	4.784	0	37122	14151663	3	Standard
⌈	**Mg**	**24**	**394.574**	ug/L	4.159	1	4302	12271126	1	Standard
⌈	**Al**	**27**	**45.199**	ug/L	0.530	1	4418	1306858	2	Standard
⌈	**K**	**39**	**405.040**	ug/L	0.341	0	1211710	13638484	2	Standard
⌈	**Ca**	**44**	**4541.318**	ug/L	149.021	3	9439	5614665	1	Standard
⌈	**V**	**51**	**0.330**	ug/L	0.012	3	5885	17299	0	Standard
⌈	**V-1**	**51**	**0.326**	ug/L	0.008	2	466	11618	2	Standard
⌈	**Cr**	**52**	**0.327**	ug/L	0.016	4	17376	27768	0	Standard
⌈	**Cr**	**53**	**0.313**	ug/L	0.008	2	230	1321	4	Standard
⌈	**Fe**	**54**	**62.235**	ug/L	1.441	2	91382	272711	1	Standard
⌈	**Fe**	**57**	**69.977**	ug/L	1.570	2	17833	89906	0	Standard
⌊	**Mn**	**55**	**7.887**	ug/L	0.179	2	1083	351421	0	Standard
⌈>	**Ge**	**72**		ug/L			83230	82991	0	KED
⌈	**Co**	**59**	**0.120**	ug/L	0.003	2	4	646	2	KED
⌈	**Ni**	**60**	**0.207**	ug/L	0.026	12	17	330	11	KED
⌈	**Ni**	**62**	**0.176**	ug/L	0.027	15	3	46	14	KED
⌈	**Cu**	**63**	**2.318**	ug/L	0.017	0	116	10174	0	KED
⌈	**Cu**	**65**	**2.321**	ug/L	0.052	2	55	5058	2	KED
⌈	**Zn**	**66**	**4.962**	ug/L	0.187	3	151	3420	3	KED
⌈	**Zn**	**67**	**4.792**	ug/L	0.191	3	18	533	3	KED
⌈	**As**	**75**	**0.520**	ug/L	0.024	4	3	171	3	KED
⌊	**Se**	**78**	**0.025**	ug/L	0.021	83	12	13	5	KED
	Y	**89**		ug/L			663280	651078	0	Standard
	Kr	**83**		ug/L			296	286	4	Standard
⌈>	**In-1**	**115**		ug/L			26379	25524	0	KED
⌈	**Mo**	**98**	**0.398**	ug/L	0.031	7	15	705	7	KED
⌈	**Cd**	**111**	**0.040**	ug/L	0.009	23	1	18	20	KED
⌊	**Cd**	**114**	**0.054**	ug/L	0.010	18	1	59	18	KED
⌈>	**In**	**115**		ug/L			1341444	1325510	1	Standard
⌈	**Ag**	**107**	**-0.004**	ug/L	0.000	8	134	53	12	Standard
⌈	**Ba**	**135**	**4.336**	ug/L	0.089	2	506	35790	2	Standard
⌊	**Ba**	**137**	**4.251**	ug/L	0.030	0	855	62805	1	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2274846	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	8	146	303	4	Standard
⌊	**Pb**	**208**	**0.058**	ug/L	0.001	2	535	6779	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-54
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:52:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1189366	1	Standard
	Be	9	0.000	ug/L	0.000	249	6	7	25	Standard
	C	13		ug/L			23638	56737	1	Standard
	Cl	37		ug/L			8688083	6979523	0	Standard
>	Sc	45		ug/L			1340786	1356975	1	Standard
	Na	23	582.499	ug/L	14.867	2	37122	14923090	1	Standard
	Mg	24	479.077	ug/L	5.936	1	4302	14493763	0	Standard
	Al	27	18.270	ug/L	0.518	2	4418	516430	1	Standard
	K	39	456.881	ug/L	9.019	1	1211710	14806373	0	Standard
	Ca	44	5934.592	ug/L	86.318	1	9439	7137376	0	Standard
	V	51	0.256	ug/L	0.003	1	5885	14381	2	Standard
	V-1	51	0.253	ug/L	0.001	0	466	8895	1	Standard
	Cr	52	0.178	ug/L	0.007	4	17376	22705	1	Standard
	Cr	53	0.172	ug/L	0.014	8	230	811	4	Standard
	Fe	54	25.760	ug/L	1.029	3	91382	164011	0	Standard
	Fe	57	32.851	ug/L	0.585	1	17833	50640	0	Standard
	Mn	55	10.879	ug/L	0.162	1	1083	471357	2	Standard
>	Ge	72		ug/L			83230	81867	0	KED
	Co	59	0.088	ug/L	0.004	4	4	466	4	KED
	Ni	60	0.240	ug/L	0.037	15	17	375	15	KED
	Ni	62	0.262	ug/L	0.018	6	3	67	7	KED
	Cu	63	2.061	ug/L	0.042	2	116	8937	2	KED
	Cu	65	2.100	ug/L	0.044	2	55	4519	2	KED
	Zn	66	5.816	ug/L	0.036	0	151	3930	0	KED
	Zn	67	5.782	ug/L	0.563	9	18	631	9	KED
	As	75	0.435	ug/L	0.026	5	3	142	5	KED
	Se	78	0.039	ug/L	0.106	273	12	13	28	KED
	Y	89		ug/L			663280	640951	0	Standard
	Kr	83		ug/L			296	283	9	Standard
>	In-1	115		ug/L			26379	24575	2	KED
	Mo	98	0.446	ug/L	0.024	5	15	760	2	KED
	Cd	111	0.039	ug/L	0.002	6	1	17	5	KED
	Cd	114	0.053	ug/L	0.003	6	1	56	8	KED
>	In	115		ug/L			1341444	1312294	0	Standard
	Ag	107	-0.004	ug/L	0.000	11	134	50	17	Standard
	Ba	135	4.237	ug/L	0.077	1	506	34631	1	Standard
	Ba	137	4.148	ug/L	0.040	0	855	60699	1	Standard
>	Tb	159		ug/L			2351464	2244622	0	Standard
	Tl	205	0.001	ug/L	0.000	14	146	224	5	Standard
	Pb	208	0.023	ug/L	0.001	4	535	3023	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-43
Sample Dil Factor: 2
Comments:
Sample Date/Time: Monday, June 28, 2021 22:58:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	973770	1	Standard
	Be	9	0.052	ug/L	0.004	7	6	323	6	Standard
	C	13		ug/L			23638	34220	2	Standard
	Cl	37		ug/L			8688083	5382250	0	Standard
>	Sc	45		ug/L			1340786	1249763	0	Standard
	Na	23	3821.412	ug/L	71.122	1	37122	89993916	1	Standard
	Mg	24	10569.887	ug/L	32.440	0	4302	294470027	0	Standard
	Al	27	51.443	ug/L	0.523	1	4418	1332186	0	Standard
	K	39	12354.547	ug/L	190.592	1	1211710	339394766	1	Standard
	Ca	44	195412.702	ug/L	2766.730	1	9439	216216467	1	Standard
	V	51	0.003	ug/L	0.001	20	5885	5590	0	Standard
	V-1	51	0.031	ug/L	0.001	3	466	1386	3	Standard
	Cr	52	0.480	ug/L	0.025	5	17376	28955	2	Standard
	Cr	53	0.553	ug/L	0.027	4	230	1927	4	Standard
	Fe	54	153889.222	ug/L	754.155	0	91382	393802387	0	Standard
	Fe	57	182213.212	ug/L	1015.269	0	17833	166543386	0	Standard
	Mn	55	1185.741	ug/L	19.354	1	1083	47209145	2	Standard
>	Ge	72		ug/L			83230	62898	1	KED
	Co	59	0.274	ug/L	0.006	2	4	1114	0	KED
	Ni	60	3.077	ug/L	0.141	4	17	3539	3	KED
	Ni	62	3.073	ug/L	0.178	5	3	575	6	KED
	Cu	63	0.361	ug/L	0.012	3	116	1276	1	KED
	Cu	65	0.373	ug/L	0.027	7	55	651	5	KED
	Zn	66	1808.926	ug/L	28.137	1	151	903646	0	KED
	Zn	67	1693.980	ug/L	31.114	1	18	138146	0	KED
	As	75	0.076	ug/L	0.012	16	3	20	13	KED
	Se	78	0.061	ug/L	0.048	78	12	11	10	KED
	Y	89		ug/L			663280	550572	2	Standard
	Kr	83		ug/L			296	285	5	Standard
>	In-1	115		ug/L			26379	19544	1	KED
	Mo	98	0.180	ug/L	0.013	7	15	251	5	KED
	Cd	111	0.719	ug/L	0.070	9	1	228	8	KED
	Cd	114	0.668	ug/L	0.023	3	1	548	4	KED
>	In	115		ug/L			1341444	1104849	2	Standard
	Ag	107	0.018	ug/L	0.001	6	134	413	2	Standard
	Ba	135	8.791	ug/L	0.085	0	506	60056	2	Standard
	Ba	137	8.583	ug/L	0.134	1	855	104963	1	Standard
>	Tb	159		ug/L			2351464	1927129	3	Standard
	Tl	205	0.001	ug/L	0.000	28	146	213	15	Standard
	Pb	208	0.025	ug/L	0.002	7	535	2751	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:06:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1193421	1	Standard
	Be	**9**	**0.000**	ug/L	0.000	90	6	10	28	Standard
	C	**13**		ug/L			23638	24144	0	Standard
	Cl	**37**		ug/L			8688083	7221223	0	Standard
>	**Sc**	**45**		ug/L			1340786	1410240	1	Standard
	Na	**23**	**0.839**	ug/L	0.054	6	37122	61331	1	Standard
	Mg	**24**	**0.204**	ug/L	0.010	5	4302	10925	2	Standard
	Al	**27**	**0.314**	ug/L	0.004	1	4418	13807	0	Standard
	K	**39**	**-3.471**	ug/L	1.003	28	1211710	1166954	1	Standard
	Ca	**44**	**4.528**	ug/L	0.212	4	9439	15578	1	Standard
	V	**51**	**-0.009**	ug/L	0.001	14	5885	5886	1	Standard
	V-1	**51**	**-0.008**	ug/L	0.000	5	466	201	8	Standard
	Cr	**52**	**-0.026**	ug/L	0.004	16	17376	17481	0	Standard
	Cr	**53**	**-0.024**	ug/L	0.002	9	230	157	4	Standard
	Fe	**54**	**0.949**	ug/L	0.305	32	91382	98846	0	Standard
	Fe	**57**	**-3.136**	ug/L	0.332	10	17833	15521	2	Standard
	Mn	**55**	**0.023**	ug/L	0.001	6	1083	2178	2	Standard
>	**Ge**	**72**		ug/L			83230	78469	1	KED
	Co	**59**	**-0.000**	ug/L	0.001	298	4	3	91	KED
	Ni	**60**	**0.030**	ug/L	0.002	6	17	59	6	KED
	Ni	**62**	**0.050**	ug/L	0.016	32	3	15	25	KED
	Cu	**63**	**0.046**	ug/L	0.004	8	116	296	3	KED
	Cu	**65**	**0.035**	ug/L	0.003	9	55	124	7	KED
	Zn	**66**	**0.463**	ug/L	0.063	13	151	431	8	KED
	Zn	**67**	**0.471**	ug/L	0.085	17	18	65	14	KED
	As	**75**	**0.003**	ug/L	0.005	154	3	3	38	KED
	Se	**78**	**-0.026**	ug/L	0.095	367	12	11	29	KED
	Y	**89**		ug/L			663280	651040	3	Standard
	Kr	**83**		ug/L			296	270	12	Standard
>	**In-1**	**115**		ug/L			26379	24706	1	KED
	Mo	**98**	**-0.004**	ug/L	0.002	66	15	8	47	KED
	Cd	**111**	**0.000**	ug/L	0.004	1196	1	1	86	KED
	Cd	**114**	**0.003**	ug/L	0.002	87	1	4	54	KED
>	**In**	**115**		ug/L			1341444	1368617	0	Standard
	Ag	**107**	**-0.005**	ug/L	0.000	6	134	36	18	Standard
	Ba	**135**	**-0.052**	ug/L	0.001	1	506	82	8	Standard
	Ba	**137**	**-0.048**	ug/L	0.001	2	855	158	11	Standard
>	**Tb**	**159**		ug/L			2351464	2270151	2	Standard
	Tl	**205**	**-0.001**	ug/L	0.000	12	146	72	12	Standard
	Pb	**208**	**0.007**	ug/L	0.000	6	535	1274	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:11:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1179090	2	Standard
[	Be	9	0.002	ug/L	0.001	36	6	20	23	Standard
	C	13		ug/L			23638	52891	1	Standard
	Cl	37		ug/L			8688083	6770059	0	Standard
[>	Sc	45		ug/L			1340786	1432788	1	Standard
[	Na	23	1022.225	ug/L	12.684	1	37122	27627564	1	Standard
[	Mg	24	1259.635	ug/L	9.473	0	4302	40234432	0	Standard
[	Al	27	3.848	ug/L	0.017	0	4418	118613	1	Standard
[	K	39	619.134	ug/L	10.912	1	1211710	20727870	0	Standard
[	Ca	44	9960.115	ug/L	158.748	1	9439	12642395	1	Standard
[	V	51	0.044	ug/L	0.005	12	5885	7817	1	Standard
[	V-1	51	0.061	ug/L	0.002	3	466	2652	4	Standard
[	Cr	52	0.211	ug/L	0.014	6	17376	24989	0	Standard
[	Cr	53	0.261	ug/L	0.010	3	230	1172	4	Standard
[	Fe	54	6.630	ug/L	0.553	8	91382	117099	1	Standard
[	Fe	57	17.195	ug/L	0.310	1	17833	37075	1	Standard
[	Mn	55	1.607	ug/L	0.002	0	1083	74511	1	Standard
[>	Ge	72		ug/L			83230	77073	0	KED
[	Co	59	0.111	ug/L	0.007	6	4	553	6	KED
[	Ni	60	0.180	ug/L	0.001	0	17	269	0	KED
[	Ni	62	0.163	ug/L	0.043	26	3	40	24	KED
[	Cu	63	0.244	ug/L	0.005	2	116	1089	1	KED
[	Cu	65	0.258	ug/L	0.013	4	55	566	3	KED
[	Zn	66	10.378	ug/L	0.224	2	151	6492	1	KED
[	Zn	67	10.256	ug/L	0.226	2	18	1041	1	KED
[	As	75	0.020	ug/L	0.006	30	3	9	21	KED
[	Se	78	0.021	ug/L	0.069	321	12	12	18	KED
	Y	89		ug/L			663280	643589	2	Standard
	Kr	83		ug/L			296	286	6	Standard
[>	In-1	115		ug/L			26379	23639	1	KED
[	Mo	98	0.383	ug/L	0.025	6	15	629	6	KED
[	Cd	111	0.073	ug/L	0.013	17	1	29	14	KED
[	Cd	114	0.082	ug/L	0.009	11	1	82	10	KED
[>	In	115		ug/L			1341444	1342175	1	Standard
[	Ag	107	-0.005	ug/L	0.000	4	134	35	11	Standard
[	Ba	135	6.260	ug/L	0.137	2	506	52082	1	Standard
[	Ba	137	6.131	ug/L	0.054	0	855	91343	0	Standard
[>	Tb	159		ug/L			2351464	2256539	0	Standard
[	Tl	205	0.008	ug/L	0.000	5	146	773	3	Standard
[	Pb	208	0.001	ug/L	0.000	22	535	608	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:16:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1167009	0	Standard
[	**Be**	**9**	**0.002**	ug/L	0.001	72	6	17	44	Standard
	C	**13**		ug/L			23638	50151	1	Standard
	Cl	**37**		ug/L			8688083	6879052	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1402308	0	Standard
[	**Na**	**23**	**1023.269**	ug/L	11.655	1	37122	27069271	1	Standard
[	**Mg**	**24**	**1269.334**	ug/L	4.154	0	4302	39683464	0	Standard
[	**Al**	**27**	**4.057**	ug/L	0.007	0	4418	122149	0	Standard
[	**K**	**39**	**629.304**	ug/L	17.552	2	1211710	20601969	2	Standard
[	**Ca**	**44**	**9977.150**	ug/L	135.693	1	9439	12395525	1	Standard
[	**V**	**51**	**0.042**	ug/L	0.005	10	5885	7590	1	Standard
[	**V-1**	**51**	**0.066**	ug/L	0.001	1	466	2763	1	Standard
[	**Cr**	**52**	**0.189**	ug/L	0.008	4	17376	23821	1	Standard
[	**Cr**	**53**	**0.261**	ug/L	0.012	4	230	1148	3	Standard
[	**Fe**	**54**	**5.513**	ug/L	0.131	2	91382	111403	0	Standard
[	**Fe**	**57**	**18.383**	ug/L	0.800	4	17833	37503	2	Standard
[	**Mn**	**55**	**1.571**	ug/L	0.018	1	1083	71311	1	Standard
[>	**Ge**	**72**		ug/L			83230	74596	0	KED
[	**Co**	**59**	**0.094**	ug/L	0.003	3	4	454	4	KED
[	**Ni**	**60**	**0.184**	ug/L	0.019	10	17	264	9	KED
[	**Ni**	**62**	**0.220**	ug/L	0.050	22	3	52	20	KED
[	**Cu**	**63**	**0.235**	ug/L	0.004	1	116	1022	1	KED
[	**Cu**	**65**	**0.261**	ug/L	0.019	7	55	555	5	KED
[	**Zn**	**66**	**10.338**	ug/L	0.208	2	151	6259	1	KED
[	**Zn**	**67**	**10.314**	ug/L	0.847	8	18	1014	7	KED
[	**As**	**75**	**0.011**	ug/L	0.003	24	3	6	12	KED
[	**Se**	**78**	**0.062**	ug/L	0.052	82	12	13	12	KED
	Y	**89**		ug/L			663280	635801	1	Standard
	Kr	**83**		ug/L			296	299	5	Standard
[>	**In-1**	**115**		ug/L			26379	23317	0	KED
[	**Mo**	**98**	**0.397**	ug/L	0.012	3	15	643	3	KED
[	**Cd**	**111**	**0.061**	ug/L	0.004	7	1	24	6	KED
[	**Cd**	**114**	**0.079**	ug/L	0.016	20	1	78	19	KED
[>	**In**	**115**		ug/L			1341444	1319374	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.001	13	134	48	23	Standard
[	**Ba**	**135**	**6.278**	ug/L	0.129	2	506	51349	1	Standard
[	**Ba**	**137**	**6.176**	ug/L	0.065	1	855	90453	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2233170	0	Standard
[	**Tl**	**205**	**0.007**	ug/L	0.000	2	146	690	2	Standard
[	**Pb**	**208**	**0.007**	ug/L	0.000	0	535	1293	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:21:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1114584	1	Standard
	Be	9	25.643	ug/L	0.690	2	6	179677	1	Standard
	C	13		ug/L			23638	53834	1	Standard
	Cl	37		ug/L			8688083	7102315	1	Standard
>	Sc	45		ug/L			1340786	1380070	1	Standard
	Na	23	4880.262	ug/L	60.356	1	37122	126894629	0	Standard
	Mg	24	5376.057	ug/L	45.263	0	4302	165379423	0	Standard
	Al	27	4190.195	ug/L	82.595	1	4418	119454794	2	Standard
	K	39	5432.198	ug/L	163.185	3	1211710	165452905	1	Standard
	Ca	44	14488.792	ug/L	48.781	0	9439	17711424	1	Standard
	V	51	23.929	ug/L	0.168	0	5885	808036	2	Standard
	V-1	51	23.934	ug/L	0.111	0	466	810432	2	Standard
	Cr	52	23.982	ug/L	0.243	1	17376	721443	1	Standard
	Cr	53	23.997	ug/L	0.046	0	230	82289	1	Standard
	Fe	54	4699.628	ug/L	47.229	1	91382	13370330	0	Standard
	Fe	57	5050.849	ug/L	18.526	0	17833	5115576	1	Standard
	Mn	55	26.475	ug/L	0.161	0	1083	1164939	0	Standard
>	Ge	72		ug/L			83230	72585	0	KED
	Co	59	25.817	ug/L	0.403	1	4	120727	0	KED
	Ni	60	25.392	ug/L	0.234	0	17	33610	1	KED
	Ni	62	25.471	ug/L	0.809	3	3	5481	3	KED
	Cu	63	25.422	ug/L	0.167	0	116	96583	1	KED
	Cu	65	25.281	ug/L	0.132	0	55	47694	0	KED
	Zn	66	90.691	ug/L	0.551	0	151	52414	1	KED
	Zn	67	86.901	ug/L	2.503	2	18	8193	1	KED
	As	75	24.897	ug/L	0.093	0	3	7057	1	KED
	Se	78	80.545	ug/L	0.267	0	12	2642	1	KED
	Y	89		ug/L			663280	632764	1	Standard
	Kr	83		ug/L			296	302	4	Standard
>	In-1	115		ug/L			26379	22895	1	KED
	Mo	98	0.402	ug/L	0.018	4	15	638	3	KED
	Cd	111	25.892	ug/L	0.565	2	1	9574	0	KED
	Cd	114	25.027	ug/L	0.465	1	1	24031	1	KED
>	In	115		ug/L			1341444	1299660	2	Standard
	Ag	107	25.902	ug/L	0.539	2	134	507172	2	Standard
	Ba	135	27.949	ug/L	0.821	2	506	223398	0	Standard
	Ba	137	27.173	ug/L	0.442	1	855	389082	0	Standard
>	Tb	159		ug/L			2351464	2233762	0	Standard
	Tl	205	26.806	ug/L	0.209	0	146	2176361	0	Standard
	Pb	208	28.119	ug/L	0.260	0	535	3000325	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:27:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1123249	1	Standard
[	**Be**	**9**	**25.544**	ug/L	0.316	1	6	180429	2	Standard
	C	**13**		ug/L			23638	52429	1	Standard
	Cl	**37**		ug/L			8688083	7017551	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1388503	1	Standard
[	**Na**	**23**	**4883.682**	ug/L	72.871	1	37122	127760806	1	Standard
[	**Mg**	**24**	**5376.498**	ug/L	76.071	1	4302	166395888	0	Standard
[	**Al**	**27**	**4191.724**	ug/L	69.967	1	4418	120219970	0	Standard
[	**K**	**39**	**5447.917**	ug/L	95.740	1	1211710	166999250	2	Standard
[	**Ca**	**44**	**14366.516**	ug/L	402.168	2	9439	17664594	1	Standard
[	**V**	**51**	**23.789**	ug/L	0.308	1	5885	808111	0	Standard
[	**V-1**	**51**	**23.822**	ug/L	0.340	1	466	811436	0	Standard
[	**Cr**	**52**	**23.991**	ug/L	0.250	1	17376	726041	0	Standard
[	**Cr**	**53**	**24.091**	ug/L	0.365	1	230	83106	0	Standard
[	**Fe**	**54**	**4623.462**	ug/L	75.385	1	91382	13235084	0	Standard
[	**Fe**	**57**	**4992.213**	ug/L	67.654	1	17833	5086853	0	Standard
[	**Mn**	**55**	**26.513**	ug/L	0.397	1	1083	1173756	1	Standard
[>	**Ge**	**72**		ug/L			83230	73542	0	KED
[	**Co**	**59**	**25.890**	ug/L	0.297	1	4	122670	0	KED
[	**Ni**	**60**	**25.597**	ug/L	0.525	2	17	34323	1	KED
[	**Ni**	**62**	**25.497**	ug/L	0.529	2	3	5559	2	KED
[	**Cu**	**63**	**25.341**	ug/L	0.045	0	116	97545	1	KED
[	**Cu**	**65**	**25.640**	ug/L	0.182	0	55	49008	0	KED
[	**Zn**	**66**	**90.808**	ug/L	0.220	0	151	53173	1	KED
[	**Zn**	**67**	**87.108**	ug/L	1.450	1	18	8323	2	KED
[	**As**	**75**	**24.863**	ug/L	0.378	1	3	7141	2	KED
[	**Se**	**78**	**79.757**	ug/L	0.420	0	12	2651	0	KED
	Y	**89**		ug/L			663280	631280	2	Standard
	Kr	**83**		ug/L			296	320	11	Standard
[>	**In-1**	**115**		ug/L			26379	23049	1	KED
[	**Mo**	**98**	**0.363**	ug/L	0.016	4	15	583	5	KED
[	**Cd**	**111**	**25.234**	ug/L	0.621	2	1	9394	1	KED
[	**Cd**	**114**	**25.513**	ug/L	0.575	2	1	24659	0	KED
[>	**In**	**115**		ug/L			1341444	1295035	1	Standard
[	**Ag**	**107**	**26.089**	ug/L	0.606	2	134	509063	2	Standard
[	**Ba**	**135**	**27.822**	ug/L	0.738	2	506	221678	2	Standard
[	**Ba**	**137**	**27.790**	ug/L	0.302	1	855	396584	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2237077	0	Standard
[	**Tl**	**205**	**26.623**	ug/L	0.112	0	146	2164837	1	Standard
[	**Pb**	**208**	**28.032**	ug/L	0.367	1	535	2995335	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:35:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1139580	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	65	6	9	20	Standard
	C	**13**		ug/L			23638	22969	1	Standard
	Cl	**37**		ug/L			8688083	6984361	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1316025	1	Standard
⌈	**Na**	**23**	**0.790**	ug/L	0.043	5	37122	56020	0	Standard
⌈	**Mg**	**24**	**0.201**	ug/L	0.003	1	4302	10119	1	Standard
⌈	**Al**	**27**	**0.356**	ug/L	0.003	0	4418	14024	1	Standard
⌈	**K**	**39**	**-1.343**	ug/L	0.425	31	1211710	1150510	0	Standard
⌈	**Ca**	**44**	**3.877**	ug/L	0.097	2	9439	13781	0	Standard
⌈	**V**	**51**	**0.009**	ug/L	0.004	46	5885	6058	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.000	7	466	291	3	Standard
⌈	**Cr**	**52**	**0.026**	ug/L	0.016	61	17376	17782	2	Standard
⌈	**Cr**	**53**	**-0.019**	ug/L	0.003	17	230	165	5	Standard
⌈	**Fe**	**54**	**-0.084**	ug/L	0.113	133	91382	89465	0	Standard
⌈	**Fe**	**57**	**-4.338**	ug/L	0.341	7	17833	13331	3	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.000	2	1083	1873	2	Standard
⌈>	**Ge**	**72**		ug/L			83230	77577	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	73	4	2	43	KED
⌈	**Ni**	**60**	**0.041**	ug/L	0.005	11	17	73	9	KED
⌈	**Ni**	**62**	**0.037**	ug/L	0.005	12	3	12	9	KED
⌈	**Cu**	**63**	**0.041**	ug/L	0.004	8	116	276	6	KED
⌈	**Cu**	**65**	**0.043**	ug/L	0.008	17	55	137	9	KED
⌈	**Zn**	**66**	**0.436**	ug/L	0.082	18	151	409	13	KED
⌈	**Zn**	**67**	**0.442**	ug/L	0.041	9	18	61	7	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.003	116	3	2	48	KED
⌊	**Se**	**78**	**-0.083**	ug/L	0.062	74	12	8	26	KED
	Y	**89**		ug/L			663280	625927	1	Standard
	Kr	**83**		ug/L			296	266	13	Standard
⌈>	**In-1**	**115**		ug/L			26379	24358	2	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.004	188	15	10	55	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.004	277	1	1	114	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	4342	1	1	208	KED
⌈>	**In**	**115**		ug/L			1341444	1297636	0	Standard
⌈	**Ag**	**107**	**-0.004**	ug/L	0.000	3	134	55	5	Standard
⌈	**Ba**	**135**	**-0.052**	ug/L	0.000	0	506	78	2	Standard
⌊	**Ba**	**137**	**-0.047**	ug/L	0.001	2	855	150	8	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2204228	1	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	62	146	103	21	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.001	14	535	1350	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:41:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1167780	1	Standard
[	**Be**	**9**	**50.796**	ug/L	0.803	1	6	372934	0	Standard
	C	**13**		ug/L			23638	23236	0	Standard
	Cl	**37**		ug/L			8688083	7681506	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1331129	1	Standard
[	**Na**	**23**	**4045.475**	ug/L	105.705	2	37122	101447913	1	Standard
[	**Mg**	**24**	**4309.599**	ug/L	52.777	1	4302	127875390	1	Standard
[	**Al**	**27**	**4306.953**	ug/L	104.814	2	4418	118416624	1	Standard
[	**K**	**39**	**4854.649**	ug/L	109.160	2	1211710	142754491	1	Standard
[	**Ca**	**44**	**4757.706**	ug/L	75.165	1	9439	5615115	1	Standard
[	**V**	**51**	**48.863**	ug/L	0.416	0	5885	1585266	1	Standard
[	**V-1**	**51**	**48.811**	ug/L	0.281	0	466	1593597	1	Standard
[	**Cr**	**52**	**48.363**	ug/L	0.521	1	17376	1385565	0	Standard
[	**Cr**	**53**	**48.213**	ug/L	0.440	0	230	159233	1	Standard
[	**Fe**	**54**	**4693.574**	ug/L	72.531	1	91382	12879054	0	Standard
[	**Fe**	**57**	**5021.910**	ug/L	70.700	1	17833	4905447	0	Standard
[	**Mn**	**55**	**45.621**	ug/L	0.750	1	1083	1935246	0	Standard
[>	**Ge**	**72**		ug/L			83230	77949	0	KED
[	**Co**	**59**	**49.406**	ug/L	0.191	0	4	248129	0	KED
[	**Ni**	**60**	**49.521**	ug/L	0.570	1	17	70376	1	KED
[	**Ni**	**62**	**49.259**	ug/L	0.689	1	3	11380	1	KED
[	**Cu**	**63**	**49.699**	ug/L	0.327	0	116	202663	0	KED
[	**Cu**	**65**	**49.387**	ug/L	0.327	0	55	100010	0	KED
[	**Zn**	**66**	**51.784**	ug/L	0.184	0	151	32200	0	KED
[	**Zn**	**67**	**50.771**	ug/L	0.838	1	18	5148	1	KED
[	**As**	**75**	**48.723**	ug/L	0.336	0	3	14829	0	KED
[	**Se**	**78**	**51.771**	ug/L	0.658	1	12	1828	1	KED
	Y	**89**		ug/L			663280	639782	2	Standard
	Kr	**83**		ug/L			296	298	10	Standard
[>	**In-1**	**115**		ug/L			26379	24252	2	KED
[	**Mo**	**98**	**47.007**	ug/L	0.987	2	15	77585	0	KED
[	**Cd**	**111**	**49.458**	ug/L	1.374	2	1	19366	0	KED
[	**Cd**	**114**	**48.964**	ug/L	1.656	3	1	49777	0	KED
[>	**In**	**115**		ug/L			1341444	1291431	2	Standard
[	**Ag**	**107**	**49.947**	ug/L	1.094	2	134	971546	1	Standard
[	**Ba**	**135**	**42.307**	ug/L	0.750	1	506	335823	0	Standard
[	**Ba**	**137**	**42.176**	ug/L	0.604	1	855	599624	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2240647	1	Standard
[	**Tl**	**205**	**50.646**	ug/L	0.348	0	146	4124766	1	Standard
[	**Pb**	**208**	**52.596**	ug/L	0.310	0	535	5628408	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:49:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1181984	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	175	6	5	57	Standard
	C	**13**		ug/L			23638	22314	2	Standard
	Cl	**37**		ug/L			8688083	7105483	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1308310	0	Standard
⌈	**Na**	**23**	**1.317**	ug/L	0.031	2	37122	68688	0	Standard
⌈	**Mg**	**24**	**0.111**	ug/L	0.001	0	4302	7443	0	Standard
⌈	**Al**	**27**	**0.451**	ug/L	0.006	1	4418	16497	1	Standard
⌈	**K**	**39**	**-0.917**	ug/L	0.302	32	1211710	1156081	0	Standard
⌈	**Ca**	**44**	**0.985**	ug/L	0.294	29	9439	10351	3	Standard
⌈	**V**	**51**	**0.003**	ug/L	0.004	122	5885	5851	1	Standard
⌈	**V-1**	**51**	**-0.007**	ug/L	0.001	8	466	242	7	Standard
⌈	**Cr**	**52**	**0.012**	ug/L	0.009	77	17376	17288	0	Standard
⌈	**Cr**	**53**	**-0.020**	ug/L	0.005	24	230	160	10	Standard
⌈	**Fe**	**54**	**3.783**	ug/L	0.125	3	91382	99300	0	Standard
⌈	**Fe**	**57**	**4.848**	ug/L	0.227	4	17833	22039	0	Standard
⌊	**Mn**	**55**	**0.049**	ug/L	0.000	0	1083	3118	0	Standard
⌈>	**Ge**	**72**		ug/L			83230	77448	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	136	4	6	45	KED
⌈	**Ni**	**60**	**0.015**	ug/L	0.011	69	17	37	38	KED
⌈	**Ni**	**62**	**0.007**	ug/L	0.017	255	3	5	78	KED
⌈	**Cu**	**63**	**0.029**	ug/L	0.005	15	116	226	8	KED
⌈	**Cu**	**65**	**0.022**	ug/L	0.005	24	55	95	11	KED
⌈	**Zn**	**66**	**0.336**	ug/L	0.023	6	151	347	1	KED
⌈	**Zn**	**67**	**0.259**	ug/L	0.003	1	18	43	2	KED
⌈	**As**	**75**	**0.005**	ug/L	0.002	49	3	4	16	KED
⌊	**Se**	**78**	**0.035**	ug/L	0.040	113	12	13	12	KED
	Y	**89**		ug/L			663280	625395	0	Standard
	Kr	**83**		ug/L			296	313	5	Standard
⌈>	**In-1**	**115**		ug/L			26379	24325	0	KED
⌈	**Mo**	**98**	**0.024**	ug/L	0.006	23	15	53	16	KED
⌈	**Cd**	**111**	**0.004**	ug/L	0.006	137	1	3	68	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	450	1	2	130	KED
⌈>	**In**	**115**		ug/L			1341444	1296617	1	Standard
⌈	**Ag**	**107**	**-0.003**	ug/L	0.000	15	134	80	9	Standard
⌈	**Ba**	**135**	**-0.047**	ug/L	0.002	4	506	111	15	Standard
⌊	**Ba**	**137**	**-0.043**	ug/L	0.001	1	855	212	3	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2194088	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	32	146	215	12	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	8	535	1018	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-22
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:53:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1152428	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.001	197	6	4	98	Standard
	C	**13**		ug/L			23638	48835	1	Standard
	Cl	**37**		ug/L			8688083	6700326	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1376728	0	Standard
⌈	**Na**	**23**	**746.525**	ug/L	8.517	1	37122	19398761	1	Standard
⌈	**Mg**	**24**	**583.649**	ug/L	7.685	1	4302	17916180	1	Standard
⌈	**Al**	**27**	**51.338**	ug/L	0.541	1	4418	1464502	0	Standard
⌈	**K**	**39**	**522.512**	ug/L	12.739	2	1211710	17003230	1	Standard
⌈	**Ca**	**44**	**6134.142**	ug/L	118.250	1	9439	7485981	2	Standard
⌈	**V**	**51**	**0.124**	ug/L	0.002	1	5885	10192	0	Standard
⌈	**V-1**	**51**	**0.127**	ug/L	0.002	1	466	4767	0	Standard
⌈	**Cr**	**52**	**0.192**	ug/L	0.007	3	17376	23473	0	Standard
⌈	**Cr**	**53**	**0.200**	ug/L	0.015	7	230	917	4	Standard
⌈	**Fe**	**54**	**22.952**	ug/L	1.169	5	91382	158508	1	Standard
⌈	**Fe**	**57**	**26.363**	ug/L	1.121	4	17833	44851	2	Standard
⌊	**Mn**	**55**	**0.624**	ug/L	0.008	1	1083	28470	1	Standard
⌈>	**Ge**	**72**		ug/L			83230	78874	1	KED
⌈	**Co**	**59**	**0.026**	ug/L	0.002	8	4	134	7	KED
⌈	**Ni**	**60**	**0.109**	ug/L	0.009	8	17	173	7	KED
⌈	**Ni**	**62**	**0.129**	ug/L	0.056	43	3	33	37	KED
⌈	**Cu**	**63**	**0.361**	ug/L	0.004	1	116	1598	0	KED
⌈	**Cu**	**65**	**0.374**	ug/L	0.016	4	55	819	3	KED
⌈	**Zn**	**66**	**0.975**	ug/L	0.006	0	151	753	0	KED
⌈	**Zn**	**67**	**1.288**	ug/L	0.077	5	18	149	6	KED
⌈	**As**	**75**	**0.037**	ug/L	0.004	11	3	14	8	KED
⌊	**Se**	**78**	**0.096**	ug/L	0.025	25	12	15	6	KED
	Y	**89**		ug/L			663280	637954	1	Standard
	Kr	**83**		ug/L			296	288	4	Standard
⌈>	**In-1**	**115**		ug/L			26379	23950	0	KED
⌈	**Mo**	**98**	**0.600**	ug/L	0.018	3	15	991	2	KED
⌈	**Cd**	**111**	**0.028**	ug/L	0.007	25	1	12	21	KED
⌊	**Cd**	**114**	**0.020**	ug/L	0.007	34	1	21	31	KED
⌈>	**In**	**115**		ug/L			1341444	1332665	1	Standard
⌈	**Ag**	**107**	**-0.004**	ug/L	0.000	6	134	60	7	Standard
⌈	**Ba**	**135**	**3.358**	ug/L	0.075	2	506	27969	0	Standard
⌊	**Ba**	**137**	**3.313**	ug/L	0.069	2	855	49388	0	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2255676	1	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.000	8	146	509	4	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.001	15	535	1055	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-25
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:58:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1124728	1	Standard
[	Be	9	0.002	ug/L	0.001	36	6	21	25	Standard
	C	13		ug/L			23638	51526	1	Standard
	Cl	37		ug/L			8688083	6776646	1	Standard
[>	Sc	45		ug/L			1340786	1410456	2	Standard
[	Na	23	1872.233	ug/L	36.888	1	37122	49766761	1	Standard
[	Mg	24	4147.128	ug/L	125.210	3	4302	130326406	0	Standard
[	Al	27	3.850	ug/L	0.054	1	4418	116785	1	Standard
[	K	39	2667.945	ug/L	50.196	1	1211710	83691919	0	Standard
[	Ca	44	34501.824	ug/L	1379.070	3	9439	43059532	1	Standard
[	V	51	0.214	ug/L	0.008	3	5885	13513	0	Standard
[	V-1	51	0.224	ug/L	0.003	1	466	8239	1	Standard
[	Cr	52	0.251	ug/L	0.023	9	17376	25796	0	Standard
[	Cr	53	0.282	ug/L	0.008	2	230	1228	2	Standard
[	Fe	54	6.580	ug/L	0.957	14	91382	115081	0	Standard
[	Fe	57	75.444	ug/L	1.369	1	17833	96565	2	Standard
[	Mn	55	43.556	ug/L	0.329	0	1083	1957986	2	Standard
[>	Ge	72		ug/L			83230	72865	0	KED
[	Co	59	0.015	ug/L	0.002	10	4	72	9	KED
[	Ni	60	2.481	ug/L	0.003	0	17	3310	0	KED
[	Ni	62	2.581	ug/L	0.198	7	3	560	7	KED
[	Cu	63	0.129	ug/L	0.005	4	116	593	4	KED
[	Cu	65	0.130	ug/L	0.005	3	55	295	2	KED
[	Zn	66	1.336	ug/L	0.070	5	151	905	4	KED
[	Zn	67	1.832	ug/L	0.047	2	18	189	2	KED
[	As	75	0.015	ug/L	0.003	23	3	6	14	KED
[	Se	78	0.094	ug/L	0.090	95	12	14	20	KED
	Y	89		ug/L			663280	629818	2	Standard
	Kr	83		ug/L			296	274	3	Standard
[>	In-1	115		ug/L			26379	22850	2	KED
[	Mo	98	0.038	ug/L	0.019	49	15	71	39	KED
[	Cd	111	0.629	ug/L	0.062	9	1	233	8	KED
[	Cd	114	0.603	ug/L	0.022	3	1	578	3	KED
[>	In	115		ug/L			1341444	1287072	2	Standard
[	Ag	107	-0.004	ug/L	0.001	14	134	46	26	Standard
[	Ba	135	9.934	ug/L	0.268	2	506	78952	1	Standard
[	Ba	137	9.637	ug/L	0.187	1	855	137176	0	Standard
[>	Tb	159		ug/L			2351464	2200920	1	Standard
[	Tl	205	0.003	ug/L	0.000	7	146	401	5	Standard
[	Pb	208	0.005	ug/L	0.000	2	535	994	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-28
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:03:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1124725	0	Standard
[	Be	9	0.001	ug/L	0.000	38	6	13	20	Standard
	C	13		ug/L			23638	53245	0	Standard
	Cl	37		ug/L			8688083	7053034	1	Standard
[>	Sc	45		ug/L			1340786	1448397	2	Standard
[	Na	23	1995.105	ug/L	26.688	1	37122	54463032	1	Standard
[	Mg	24	5459.482	ug/L	67.745	1	4302	176253863	2	Standard
[	Al	27	12.294	ug/L	0.240	1	4418	372498	1	Standard
[	K	39	2016.217	ug/L	38.735	1	1211710	65270351	1	Standard
[	Ca	44	39911.266	ug/L	640.067	1	9439	51172468	1	Standard
[	V	51	0.475	ug/L	0.004	0	5885	23056	2	Standard
[	V-1	51	0.484	ug/L	0.005	0	466	17705	1	Standard
[	Cr	52	0.285	ug/L	0.006	2	17376	27544	2	Standard
[	Cr	53	0.321	ug/L	0.021	6	230	1401	2	Standard
[	Fe	54	4.778	ug/L	0.253	5	91382	112872	1	Standard
[	Fe	57	98.800	ug/L	1.395	1	17833	123928	3	Standard
[	Mn	55	1.005	ug/L	0.013	1	1083	47554	1	Standard
[>	Ge	72		ug/L			83230	70582	1	KED
[	Co	59	0.023	ug/L	0.001	5	4	109	3	KED
[	Ni	60	0.311	ug/L	0.034	10	17	414	9	KED
[	Ni	62	0.291	ug/L	0.014	4	3	64	6	KED
[	Cu	63	0.192	ug/L	0.020	10	116	805	7	KED
[	Cu	65	0.200	ug/L	0.009	4	55	414	5	KED
[	Zn	66	1.367	ug/L	0.102	7	151	895	8	KED
[	Zn	67	1.799	ug/L	0.111	6	18	180	6	KED
[	As	75	0.023	ug/L	0.004	16	3	8	11	KED
[	Se	78	0.135	ug/L	0.051	37	12	15	12	KED
	Y	89		ug/L			663280	628475	0	Standard
	Kr	83		ug/L			296	295	4	Standard
[>	In-1	115		ug/L			26379	22160	0	KED
[	Mo	98	0.318	ug/L	0.010	3	15	492	3	KED
[	Cd	111	0.197	ug/L	0.020	10	1	72	9	KED
[	Cd	114	0.181	ug/L	0.018	10	1	169	10	KED
[>	In	115		ug/L			1341444	1313772	2	Standard
[	Ag	107	-0.005	ug/L	0.000	1	134	38	5	Standard
[	Ba	135	10.516	ug/L	0.201	1	506	85315	2	Standard
[	Ba	137	10.193	ug/L	0.201	1	855	148072	1	Standard
[>	Tb	159		ug/L			2351464	2208548	0	Standard
[	Tl	205	0.002	ug/L	0.000	16	146	260	8	Standard
[	Pb	208	0.013	ug/L	0.001	4	535	1840	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-29
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:08:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1169712	1	Standard
[	Be	9	0.000	ug/L	0.000	1455	6	6	41	Standard
	C	13		ug/L			23638	45085	1	Standard
	Cl	37		ug/L			8688083	7294110	1	Standard
[>	Sc	45		ug/L			1340786	1411254	2	Standard
[	Na	23	1526.153	ug/L	5.713	0	37122	40608353	2	Standard
[	Mg	24	1587.817	ug/L	4.588	0	4302	49956372	2	Standard
[	Al	27	3.623	ug/L	0.047	1	4418	110265	1	Standard
[	K	39	758.737	ug/L	6.909	0	1211710	24733155	2	Standard
[	Ca	44	18753.229	ug/L	37.049	0	9439	23438277	2	Standard
[	V	51	0.142	ug/L	0.002	1	5885	11067	1	Standard
[	V-1	51	0.183	ug/L	0.001	0	466	6823	2	Standard
[	Cr	52	0.232	ug/L	0.006	2	17376	25242	1	Standard
[	Cr	53	0.358	ug/L	0.003	0	230	1494	2	Standard
[	Fe	54	5.383	ug/L	0.692	12	91382	111708	0	Standard
[	Fe	57	42.505	ug/L	1.062	2	17833	62629	2	Standard
[	Mn	55	2.229	ug/L	0.025	1	1083	101359	2	Standard
[>	Ge	72		ug/L			83230	72445	1	KED
[	Co	59	0.015	ug/L	0.002	12	4	73	13	KED
[	Ni	60	0.255	ug/L	0.023	9	17	351	7	KED
[	Ni	62	0.246	ug/L	0.083	33	3	55	30	KED
[	Cu	63	0.265	ug/L	0.020	7	116	1104	8	KED
[	Cu	65	0.264	ug/L	0.019	7	55	544	7	KED
[	Zn	66	0.834	ug/L	0.036	4	151	611	2	KED
[	Zn	67	1.274	ug/L	0.184	14	18	135	14	KED
[	As	75	0.115	ug/L	0.010	8	3	35	8	KED
[	Se	78	1.296	ug/L	0.140	10	12	53	10	KED
	Y	89		ug/L			663280	631697	2	Standard
	Kr	83		ug/L			296	294	1	Standard
[>	In-1	115		ug/L			26379	22935	0	KED
[	Mo	98	1.137	ug/L	0.053	4	15	1788	3	KED
[	Cd	111	0.019	ug/L	0.002	13	1	8	11	KED
[	Cd	114	0.018	ug/L	0.003	14	1	19	13	KED
[>	In	115		ug/L			1341444	1313228	2	Standard
[	Ag	107	-0.004	ug/L	0.000	1	134	52	2	Standard
[	Ba	135	9.634	ug/L	0.226	2	506	78143	0	Standard
[	Ba	137	9.470	ug/L	0.149	1	855	137563	0	Standard
[>	Tb	159		ug/L			2351464	2218072	1	Standard
[	Tl	205	0.001	ug/L	0.000	18	146	234	7	Standard
[	Pb	208	0.005	ug/L	0.001	15	535	1041	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-30
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:12:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1163031	1	Standard
	Be	9	-0.000	ug/L	0.000	894	6	6	45	Standard
	C	13		ug/L			23638	47749	1	Standard
	Cl	37		ug/L			8688083	7304794	1	Standard
>	Sc	45		ug/L			1340786	1401379	1	Standard
	Na	23	1057.222	ug/L	7.767	0	37122	27945780	0	Standard
	Mg	24	1206.146	ug/L	19.406	1	4302	37683123	1	Standard
	Al	27	4.897	ug/L	0.141	2	4418	146357	2	Standard
	K	39	616.073	ug/L	1.327	0	1211710	20181441	1	Standard
	Ca	44	14301.856	ug/L	144.440	1	9439	17751214	0	Standard
	V	51	0.273	ug/L	0.008	2	5885	15443	2	Standard
	V-1	51	0.297	ug/L	0.004	1	466	10698	2	Standard
	Cr	52	0.062	ug/L	0.008	12	17376	20012	2	Standard
	Cr	53	0.145	ug/L	0.005	3	230	743	1	Standard
	Fe	54	7.175	ug/L	0.268	3	91382	116090	0	Standard
	Fe	57	35.636	ug/L	0.612	1	17833	55154	0	Standard
	Mn	55	0.098	ug/L	0.005	4	1083	5515	3	Standard
>	Ge	72		ug/L			83230	71853	0	KED
	Co	59	0.015	ug/L	0.004	30	4	71	28	KED
	Ni	60	0.063	ug/L	0.020	31	17	97	27	KED
	Ni	62	0.071	ug/L	0.021	29	3	18	23	KED
	Cu	63	0.376	ug/L	0.010	2	116	1511	2	KED
	Cu	65	0.406	ug/L	0.019	4	55	806	5	KED
	Zn	66	0.137	ug/L	0.009	6	151	208	2	KED
	Zn	67	0.681	ug/L	0.140	20	18	79	16	KED
	As	75	0.236	ug/L	0.009	3	3	69	3	KED
	Se	78	0.535	ug/L	0.076	14	12	28	9	KED
	Y	89		ug/L			663280	626694	2	Standard
	Kr	83		ug/L			296	293	10	Standard
>	In-1	115		ug/L			26379	22906	0	KED
	Mo	98	1.562	ug/L	0.038	2	15	2448	2	KED
	Cd	111	0.025	ug/L	0.004	15	1	10	13	KED
	Cd	114	0.022	ug/L	0.011	51	1	22	47	KED
>	In	115		ug/L			1341444	1316122	1	Standard
	Ag	107	-0.004	ug/L	0.001	20	134	45	39	Standard
	Ba	135	7.815	ug/L	0.135	1	506	63636	0	Standard
	Ba	137	7.598	ug/L	0.136	1	855	110779	0	Standard
>	Tb	159		ug/L			2351464	2183236	1	Standard
	Tl	205	0.001	ug/L	0.000	11	146	208	2	Standard
	Pb	208	0.004	ug/L	0.000	11	535	921	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-31
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:17:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1126915	2	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.001	239	6	4	107	Standard
	C	**13**		ug/L			23638	47614	2	Standard
	Cl	**37**		ug/L			8688083	7243053	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1362902	1	Standard
[	**Na**	**23**	**1153.028**	ug/L	15.637	1	37122	29640353	1	Standard
[	**Mg**	**24**	**1460.891**	ug/L	7.818	0	4302	44388874	1	Standard
[	**Al**	**27**	**3.461**	ug/L	0.058	1	4418	101935	2	Standard
[	**K**	**39**	**675.180**	ug/L	6.354	0	1211710	21390856	0	Standard
[	**Ca**	**44**	**17077.924**	ug/L	174.186	1	9439	20615613	1	Standard
[	**V**	**51**	**0.323**	ug/L	0.001	0	5885	16665	1	Standard
[	**V-1**	**51**	**0.345**	ug/L	0.003	1	466	12017	1	Standard
[	**Cr**	**52**	**0.135**	ug/L	0.006	4	17376	21565	1	Standard
[	**Cr**	**53**	**0.212**	ug/L	0.005	2	230	950	0	Standard
[	**Fe**	**54**	**5.873**	ug/L	0.635	10	91382	109273	1	Standard
[	**Fe**	**57**	**39.737**	ug/L	0.395	0	17833	57734	1	Standard
[	**Mn**	**55**	**0.129**	ug/L	0.001	0	1083	6689	1	Standard
[>	**Ge**	**72**		ug/L			83230	74088	0	KED
[	**Co**	**59**	**0.015**	ug/L	0.003	17	4	76	17	KED
[	**Ni**	**60**	**0.127**	ug/L	0.004	3	17	186	2	KED
[	**Ni**	**62**	**0.141**	ug/L	0.043	30	3	34	27	KED
[	**Cu**	**63**	**0.232**	ug/L	0.026	11	116	1003	9	KED
[	**Cu**	**65**	**0.210**	ug/L	0.008	3	55	453	3	KED
[	**Zn**	**66**	**0.285**	ug/L	0.026	9	151	302	4	KED
[	**Zn**	**67**	**0.590**	ug/L	0.109	18	18	73	14	KED
[	**As**	**75**	**0.209**	ug/L	0.011	5	3	63	4	KED
[	**Se**	**78**	**0.634**	ug/L	0.093	14	12	32	9	KED
	Y	**89**		ug/L			663280	606818	1	Standard
	Kr	**83**		ug/L			296	297	6	Standard
[>	**In-1**	**115**		ug/L			26379	22742	1	KED
[	**Mo**	**98**	**1.290**	ug/L	0.069	5	15	2009	5	KED
[	**Cd**	**111**	**0.038**	ug/L	0.004	11	1	15	9	KED
[	**Cd**	**114**	**0.036**	ug/L	0.014	38	1	36	37	KED
[>	**In**	**115**		ug/L			1341444	1261791	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.001	16	134	54	22	Standard
[	**Ba**	**135**	**7.207**	ug/L	0.065	0	506	56307	0	Standard
[	**Ba**	**137**	**7.104**	ug/L	0.099	1	855	99375	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2141754	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	24	146	241	9	Standard
[	**Pb**	**208**	**0.075**	ug/L	0.001	1	535	8144	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-32
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:22:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1127833	0	Standard
[	Be	9	-0.000	ug/L	0.001	227	6	4	107	Standard
	C	13		ug/L			23638	51976	1	Standard
	Cl	37		ug/L			8688083	7443173	0	Standard
[>	Sc	45		ug/L			1340786	1384057	2	Standard
[	Na	23	3308.891	ug/L	27.570	0	37122	86301118	1	Standard
[	Mg	24	2164.346	ug/L	48.241	2	4302	66761307	0	Standard
[	Al	27	3.520	ug/L	0.106	3	4418	105174	0	Standard
[	K	39	1314.007	ug/L	17.154	1	1211710	41090406	1	Standard
[	Ca	44	28286.506	ug/L	824.199	2	9439	34654415	0	Standard
[	V	51	1.238	ug/L	0.031	2	5885	47664	1	Standard
[	V-1	51	1.371	ug/L	0.026	1	466	46999	1	Standard
[	Cr	52	0.387	ug/L	0.025	6	17376	29314	3	Standard
[	Cr	53	0.834	ug/L	0.015	1	230	3099	3	Standard
[	Fe	54	8.935	ug/L	0.244	2	91382	119646	2	Standard
[	Fe	57	72.646	ug/L	2.094	2	17833	91923	2	Standard
[	Mn	55	2.017	ug/L	0.053	2	1083	90012	1	Standard
[>	Ge	72		ug/L			83230	70922	1	KED
[	Co	59	0.013	ug/L	0.000	2	4	65	1	KED
[	Ni	60	0.507	ug/L	0.057	11	17	670	11	KED
[	Ni	62	0.383	ug/L	0.071	18	3	83	18	KED
[	Cu	63	0.142	ug/L	0.006	4	116	624	2	KED
[	Cu	65	0.153	ug/L	0.013	8	55	328	7	KED
[	Zn	66	0.727	ug/L	0.062	8	151	538	6	KED
[	Zn	67	1.094	ug/L	0.072	6	18	116	4	KED
[	As	75	0.356	ug/L	0.040	11	3	101	10	KED
[	Se	78	0.740	ug/L	0.123	16	12	34	12	KED
	Y	89		ug/L			663280	613493	1	Standard
	Kr	83		ug/L			296	291	9	Standard
[>	In-1	115		ug/L			26379	22646	0	KED
[	Mo	98	1.420	ug/L	0.030	2	15	2201	2	KED
[	Cd	111	0.035	ug/L	0.006	18	1	14	16	KED
[	Cd	114	0.037	ug/L	0.003	8	1	36	8	KED
[>	In	115		ug/L			1341444	1277876	2	Standard
[	Ag	107	-0.004	ug/L	0.000	11	134	55	15	Standard
[	Ba	135	7.238	ug/L	0.173	2	506	57255	2	Standard
[	Ba	137	6.985	ug/L	0.084	1	855	98958	1	Standard
[>	Tb	159		ug/L			2351464	2193383	0	Standard
[	Tl	205	-0.000	ug/L	0.000	148	146	120	20	Standard
[	Pb	208	0.010	ug/L	0.001	8	535	1540	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-33
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:28:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1129574	1	Standard
[	Be	9	0.061	ug/L	0.003	4	6	440	5	Standard
	C	13		ug/L			23638	53753	0	Standard
	Cl	37		ug/L			8688083	7012050	0	Standard
[>	Sc	45		ug/L			1340786	1371850	1	Standard
[	Na	23	1135.387	ug/L	9.736	0	37122	29376531	1	Standard
[	Mg	24	1263.358	ug/L	14.232	1	4302	38640517	2	Standard
[	Al	27	666.143	ug/L	7.475	1	4418	18880554	1	Standard
[	K	39	2775.012	ug/L	71.872	2	1211710	84628764	1	Standard
[	Ca	44	16369.144	ug/L	342.104	2	9439	19886634	1	Standard
[	V	51	-0.002	ug/L	0.002	114	5885	5967	2	Standard
[	V-1	51	0.020	ug/L	0.001	3	466	1146	2	Standard
[	Cr	52	0.056	ug/L	0.006	9	17376	19413	2	Standard
[	Cr	53	0.122	ug/L	0.005	3	230	652	2	Standard
[	Fe	54	25.499	ug/L	0.368	1	91382	165101	1	Standard
[	Fe	57	57.018	ug/L	2.121	3	17833	75429	1	Standard
[	Mn	55	46.580	ug/L	0.272	0	1083	2036574	1	Standard
[>	Ge	72		ug/L			83230	72098	0	KED
[	Co	59	1.126	ug/L	0.020	1	4	5234	1	KED
[	Ni	60	2.895	ug/L	0.054	1	17	3818	2	KED
[	Ni	62	2.847	ug/L	0.220	7	3	611	7	KED
[	Cu	63	15.570	ug/L	0.237	1	116	58794	1	KED
[	Cu	65	15.608	ug/L	0.302	1	55	29267	1	KED
[	Zn	66	84.647	ug/L	1.651	1	151	48601	2	KED
[	Zn	67	82.503	ug/L	2.672	3	18	7729	3	KED
[	As	75	0.011	ug/L	0.009	85	3	5	44	KED
[	Se	78	0.080	ug/L	0.037	46	12	13	8	KED
	Y	89		ug/L			663280	642699	1	Standard
	Kr	83		ug/L			296	281	8	Standard
[>	In-1	115		ug/L			26379	22918	0	KED
[	Mo	98	0.002	ug/L	0.004	237	15	15	39	KED
[	Cd	111	0.722	ug/L	0.057	7	1	268	6	KED
[	Cd	114	0.687	ug/L	0.033	4	1	661	4	KED
[>	In	115		ug/L			1341444	1278249	2	Standard
[	Ag	107	-0.003	ug/L	0.000	10	134	63	10	Standard
[	Ba	135	14.868	ug/L	0.072	0	506	117161	1	Standard
[	Ba	137	14.508	ug/L	0.123	0	855	204737	2	Standard
[>	Tb	159		ug/L			2351464	2190091	1	Standard
[	Tl	205	0.011	ug/L	0.001	4	146	1025	3	Standard
[	Pb	208	0.007	ug/L	0.001	7	535	1253	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-35
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:34:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1180125	1	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	48	6	27	37	Standard
	C	**13**		ug/L			23638	57518	0	Standard
	Cl	**37**		ug/L			8688083	7307339	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1387481	0	Standard
[	**Na**	**23**	**420.761**	ug/L	4.836	1	37122	11035036	0	Standard
[	**Mg**	**24**	**302.459**	ug/L	2.862	0	4302	9359378	1	Standard
[	**Al**	**27**	**195.244**	ug/L	3.383	1	4418	5600201	1	Standard
[	**K**	**39**	**358.247**	ug/L	8.117	2	1211710	12143534	1	Standard
[	**Ca**	**44**	**3121.425**	ug/L	35.542	1	9439	3843944	1	Standard
[	**V**	**51**	**0.790**	ug/L	0.011	1	5885	32718	1	Standard
[	**V-1**	**51**	**0.798**	ug/L	0.010	1	466	27630	1	Standard
[	**Cr**	**52**	**0.481**	ug/L	0.006	1	17376	32178	0	Standard
[	**Cr**	**53**	**0.515**	ug/L	0.019	3	230	2009	2	Standard
[	**Fe**	**54**	**262.572**	ug/L	3.755	1	91382	840330	0	Standard
[	**Fe**	**57**	**273.566**	ug/L	3.610	1	17833	296016	1	Standard
[	**Mn**	**55**	**6.542**	ug/L	0.075	1	1083	290256	0	Standard
[>	**Ge**	**72**		ug/L			83230	74441	1	KED
[	**Co**	**59**	**0.179**	ug/L	0.003	1	4	862	1	KED
[	**Ni**	**60**	**0.311**	ug/L	0.020	6	17	437	5	KED
[	**Ni**	**62**	**0.336**	ug/L	0.018	5	3	77	3	KED
[	**Cu**	**63**	**1.493**	ug/L	0.012	0	116	5914	1	KED
[	**Cu**	**65**	**1.499**	ug/L	0.068	4	55	2947	5	KED
[	**Zn**	**66**	**2.038**	ug/L	0.164	8	151	1340	7	KED
[	**Zn**	**67**	**2.303**	ug/L	0.025	1	18	238	0	KED
[	**As**	**75**	**1.073**	ug/L	0.029	2	3	314	3	KED
[	**Se**	**78**	**-0.065**	ug/L	0.016	24	12	9	6	KED
	Y	**89**		ug/L			663280	648718	2	Standard
	Kr	**83**		ug/L			296	280	3	Standard
[>	**In-1**	**115**		ug/L			26379	23875	0	KED
[	**Mo**	**98**	**0.340**	ug/L	0.021	6	15	566	5	KED
[	**Cd**	**111**	**0.042**	ug/L	0.018	44	1	17	39	KED
[	**Cd**	**114**	**0.031**	ug/L	0.004	13	1	32	11	KED
[>	**In**	**115**		ug/L			1341444	1347357	0	Standard
[	**Ag**	**107**	**-0.002**	ug/L	0.000	7	134	91	3	Standard
[	**Ba**	**135**	**4.718**	ug/L	0.061	1	506	39537	0	Standard
[	**Ba**	**137**	**4.600**	ug/L	0.034	0	855	69005	0	Standard
[>	**Tb**	**159**		ug/L			2351464	2256066	0	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.000	6	146	539	4	Standard
[	**Pb**	**208**	**0.285**	ug/L	0.003	1	535	31271	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:42:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1170379	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	94	6	4	49	Standard
	C	**13**		ug/L			23638	22249	0	Standard
	Cl	**37**		ug/L			8688083	7695026	1	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1289706	1	Standard
⌈	**Na**	**23**	**0.479**	ug/L	0.015	3	37122	47338	1	Standard
⌈	**Mg**	**24**	**0.195**	ug/L	0.011	5	4302	9736	2	Standard
⌈	**Al**	**27**	**0.363**	ug/L	0.022	6	4418	13913	2	Standard
⌈	**K**	**39**	**2.342**	ug/L	0.446	19	1211710	1231574	0	Standard
⌈	**Ca**	**44**	**3.486**	ug/L	0.185	5	9439	13057	0	Standard
⌈	**V**	**51**	**-0.006**	ug/L	0.004	77	5885	5484	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.001	17	466	290	7	Standard
⌈	**Cr**	**52**	**-0.015**	ug/L	0.013	84	17376	16304	0	Standard
⌈	**Cr**	**53**	**-0.013**	ug/L	0.003	21	230	181	3	Standard
⌈	**Fe**	**54**	**0.289**	ug/L	0.923	319	91382	88645	1	Standard
⌈	**Fe**	**57**	**-2.789**	ug/L	0.146	5	17833	14521	0	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.001	3	1083	1822	2	Standard
⌈>	**Ge**	**72**		ug/L			83230	73549	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	540	4	4	65	KED
⌈	**Ni**	**60**	**0.038**	ug/L	0.010	26	17	66	19	KED
⌈	**Ni**	**62**	**0.037**	ug/L	0.023	62	3	11	44	KED
⌈	**Cu**	**63**	**0.042**	ug/L	0.002	4	116	264	4	KED
⌈	**Cu**	**65**	**0.042**	ug/L	0.006	14	55	130	10	KED
⌈	**Zn**	**66**	**0.446**	ug/L	0.023	5	151	393	1	KED
⌈	**Zn**	**67**	**0.543**	ug/L	0.064	11	18	67	7	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.006	1246	3	2	61	KED
⌊	**Se**	**78**	**-0.089**	ug/L	0.028	31	12	8	12	KED
	Y	**89**		ug/L			663280	620610	1	Standard
	Kr	**83**		ug/L			296	269	2	Standard
⌈>	**In-1**	**115**		ug/L			26379	23710	1	KED
⌈	**Mo**	**98**	**-0.006**	ug/L	0.002	33	15	3	88	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.003	46	1	3	25	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	146	1	2	47	KED
⌈>	**In**	**115**		ug/L			1341444	1300764	1	Standard
⌈	**Ag**	**107**	**-0.005**	ug/L	0.001	11	134	29	37	Standard
⌈	**Ba**	**135**	**-0.051**	ug/L	0.002	3	506	81	18	Standard
⌊	**Ba**	**137**	**-0.049**	ug/L	0.001	1	855	131	6	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2191238	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	29	146	59	37	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.000	1	535	1297	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:48:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1170233	1	Standard
	Be	9	49.787	ug/L	1.011	2	6	366346	2	Standard
	C	13		ug/L			23638	22587	0	Standard
	Cl	37		ug/L			8688083	7952234	0	Standard
>	Sc	45		ug/L			1340786	1318460	0	Standard
	Na	23	4054.688	ug/L	50.067	1	37122	100744786	2	Standard
	Mg	24	4380.916	ug/L	65.215	1	4302	128763509	1	Standard
	Al	27	4407.124	ug/L	110.219	2	4418	120017485	1	Standard
	K	39	4979.473	ug/L	34.507	0	1211710	145035525	1	Standard
	Ca	44	4853.563	ug/L	96.319	1	9439	5673800	1	Standard
	V	51	47.902	ug/L	0.674	1	5885	1539344	0	Standard
	V-1	51	47.742	ug/L	0.648	1	466	1543772	0	Standard
	Cr	52	47.865	ug/L	0.378	0	17376	1358613	1	Standard
	Cr	53	47.360	ug/L	0.656	1	230	154939	1	Standard
	Fe	54	4686.525	ug/L	32.691	0	91382	12739270	1	Standard
	Fe	57	5056.671	ug/L	32.190	0	17833	4892812	0	Standard
	Mn	55	45.672	ug/L	0.517	1	1083	1919323	1	Standard
>	Ge	72		ug/L			83230	76495	0	KED
	Co	59	49.533	ug/L	0.612	1	4	244121	0	KED
	Ni	60	49.214	ug/L	0.218	0	17	68636	0	KED
	Ni	62	49.042	ug/L	0.574	1	3	11118	0	KED
	Cu	63	49.476	ug/L	0.577	1	116	197987	1	KED
	Cu	65	49.325	ug/L	0.913	1	55	98015	1	KED
	Zn	66	51.871	ug/L	0.824	1	151	31650	1	KED
	Zn	67	50.921	ug/L	0.286	0	18	5067	0	KED
	As	75	47.938	ug/L	0.369	0	3	14317	0	KED
	Se	78	51.629	ug/L	0.517	1	12	1789	0	KED
	Y	89		ug/L			663280	631686	0	Standard
	Kr	83		ug/L			296	280	11	Standard
>	In-1	115		ug/L			26379	23761	0	KED
	Mo	98	46.710	ug/L	0.219	0	15	75563	0	KED
	Cd	111	49.868	ug/L	0.694	1	1	19140	1	KED
	Cd	114	49.211	ug/L	0.441	0	1	49045	0	KED
>	In	115		ug/L			1341444	1300035	2	Standard
	Ag	107	51.341	ug/L	0.842	1	134	1005668	2	Standard
	Ba	135	41.610	ug/L	0.191	0	506	332606	1	Standard
	Ba	137	40.754	ug/L	0.090	0	855	583429	1	Standard
>	Tb	159		ug/L			2351464	2234009	1	Standard
	Tl	205	51.346	ug/L	0.791	1	146	4168641	0	Standard
	Pb	208	52.645	ug/L	0.241	0	535	5617099	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:55:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1190273	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	161	6	5	33	Standard
	C	**13**		ug/L			23638	21555	2	Standard
	Cl	**37**		ug/L			8688083	7633259	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1314822	0	Standard
⌈	**Na**	**23**	**1.051**	ug/L	0.024	2	37122	62429	1	Standard
⌈	**Mg**	**24**	**0.124**	ug/L	0.005	3	4302	7850	1	Standard
⌈	**Al**	**27**	**0.450**	ug/L	0.015	3	4418	16542	2	Standard
⌈	**K**	**39**	**1.136**	ug/L	0.235	20	1211710	1220938	0	Standard
⌈	**Ca**	**44**	**0.618**	ug/L	0.120	19	9439	9976	2	Standard
⌈	**V**	**51**	**-0.003**	ug/L	0.002	56	5885	5666	1	Standard
⌈	**V-1**	**51**	**-0.007**	ug/L	0.000	5	466	226	4	Standard
⌈	**Cr**	**52**	**-0.012**	ug/L	0.007	58	17376	16718	1	Standard
⌈	**Cr**	**53**	**-0.024**	ug/L	0.003	13	230	149	6	Standard
⌈	**Fe**	**54**	**3.185**	ug/L	0.581	18	91382	98177	0	Standard
⌈	**Fe**	**57**	**5.390**	ug/L	0.124	2	17833	22669	0	Standard
⌊	**Mn**	**55**	**0.047**	ug/L	0.001	2	1083	3025	2	Standard
⌈>	**Ge**	**72**		ug/L			83230	77436	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.000	76	4	6	31	KED
⌈	**Ni**	**60**	**0.019**	ug/L	0.010	52	17	42	31	KED
⌈	**Ni**	**62**	**0.012**	ug/L	0.010	79	3	6	34	KED
⌈	**Cu**	**63**	**0.027**	ug/L	0.004	13	116	218	5	KED
⌈	**Cu**	**65**	**0.025**	ug/L	0.013	52	55	101	25	KED
⌈	**Zn**	**66**	**0.392**	ug/L	0.012	3	151	381	2	KED
⌈	**Zn**	**67**	**0.468**	ug/L	0.032	6	18	64	6	KED
⌈	**As**	**75**	**0.010**	ug/L	0.003	31	3	6	16	KED
⌊	**Se**	**78**	**-0.035**	ug/L	0.081	235	12	10	27	KED
	Y	**89**		ug/L			663280	628222	0	Standard
	Kr	**83**		ug/L			296	275	6	Standard
⌈>	**In-1**	**115**		ug/L			26379	23920	2	KED
⌈	**Mo**	**98**	**0.027**	ug/L	0.008	28	15	57	22	KED
⌈	**Cd**	**111**	**0.009**	ug/L	0.008	88	1	5	57	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.006	80	1	8	67	KED
⌈>	**In**	**115**		ug/L			1341444	1308057	1	Standard
⌈	**Ag**	**107**	**-0.002**	ug/L	0.000	10	134	95	5	Standard
⌈	**Ba**	**135**	**-0.047**	ug/L	0.003	6	506	117	21	Standard
⌊	**Ba**	**137**	**-0.044**	ug/L	0.001	1	855	201	7	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2202653	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	12	146	184	4	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	7	535	1010	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 01:00:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1163577	2	Standard
⌊	**Be**	**9**		ug/L				5	21	Standard
	C	**13**		ug/L				21889	2	Standard
	Cl	**37**		ug/L				7597445	0	Standard
⌈>	**Sc**	**45**		ug/L				1291432	2	Standard
⌈	**Na**	**23**		ug/L				61509	1	Standard
⌈	**Mg**	**24**		ug/L				7383	3	Standard
⌈	**Al**	**27**		ug/L				16408	2	Standard
⌈	**K**	**39**		ug/L				1207721	0	Standard
⌈	**Ca**	**44**		ug/L				10019	0	Standard
⌈	**V**	**51**		ug/L				5630	1	Standard
⌈	**V-1**	**51**		ug/L				223	5	Standard
⌈	**Cr**	**52**		ug/L				16691	1	Standard
⌈	**Cr**	**53**		ug/L				156	5	Standard
⌈	**Fe**	**54**		ug/L				98188	1	Standard
⌈	**Fe**	**57**		ug/L				22985	1	Standard
⌊	**Mn**	**55**		ug/L				3055	1	Standard
⌈>	**Ge**	**72**		ug/L				77165	0	KED
⌈	**Co**	**59**		ug/L				5	21	KED
⌈	**Ni**	**60**		ug/L				38	13	KED
⌈	**Ni**	**62**		ug/L				12	71	KED
⌈	**Cu**	**63**		ug/L				214	6	KED
⌈	**Cu**	**65**		ug/L				111	10	KED
⌈	**Zn**	**66**		ug/L				338	5	KED
⌈	**Zn**	**67**		ug/L				60	16	KED
⌈	**As**	**75**		ug/L				3	9	KED
⌊	**Se**	**78**		ug/L				10	35	KED
	Y	**89**		ug/L				624922	1	Standard
	Kr	**83**		ug/L				255	4	Standard
⌈>	**In-1**	**115**		ug/L				23929	1	KED
⌈	**Mo**	**98**		ug/L				13	32	KED
⌈	**Cd**	**111**		ug/L				1	124	KED
⌊	**Cd**	**114**		ug/L				4	52	KED
⌈>	**In**	**115**		ug/L				1299773	1	Standard
⌈	**Ag**	**107**		ug/L				58	3	Standard
⌈	**Ba**	**135**		ug/L				126	13	Standard
⌊	**Ba**	**137**		ug/L				219	8	Standard
⌈>	**Tb**	**159**		ug/L				2198543	2	Standard
⌈	**Tl**	**205**		ug/L				100	7	Standard
⌊	**Pb**	**208**		ug/L				992	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 01:05:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1163577	1167495	2	Standard
	Be	9	50.470	ug/L	0.335	0	5	370504	2	Standard
	C	13		ug/L			21889	22797	2	Standard
	Cl	37		ug/L			7597445	7939085	0	Standard
>	Sc	45		ug/L			1291432	1300038	1	Standard
	Na	23	4145.624	ug/L	48.448	1	61509	101574889	1	Standard
	Mg	24	4457.983	ug/L	85.585	1	7383	129180676	1	Standard
	Al	27	4420.514	ug/L	120.050	2	16408	118710064	2	Standard
	K	39	5212.506	ug/L	89.361	1	1207721	149680450	2	Standard
	Ca	44	4916.728	ug/L	156.907	3	10019	5666902	1	Standard
	V	51	48.360	ug/L	0.305	0	5630	1532355	1	Standard
	V-1	51	48.264	ug/L	0.539	1	223	1538674	1	Standard
	Cr	52	48.319	ug/L	0.459	0	16691	1352067	1	Standard
	Cr	53	48.018	ug/L	1.199	2	156	154804	2	Standard
	Fe	54	4739.725	ug/L	51.633	1	98188	12712124	1	Standard
	Fe	57	5073.703	ug/L	69.233	1	22985	4846108	1	Standard
	Mn	55	46.182	ug/L	0.975	2	3055	1915213	1	Standard
>	Ge	72		ug/L			77165	76849	1	KED
	Co	59	49.378	ug/L	0.515	1	5	244470	0	KED
	Ni	60	49.095	ug/L	0.944	1	38	68797	0	KED
	Ni	62	48.315	ug/L	0.560	1	12	11013	1	KED
	Cu	63	48.473	ug/L	0.479	0	214	194970	0	KED
	Cu	65	48.835	ug/L	0.821	1	111	97548	1	KED
	Zn	66	50.936	ug/L	0.720	1	338	31422	0	KED
	Zn	67	51.391	ug/L	0.849	1	60	5181	2	KED
	As	75	47.814	ug/L	0.260	0	3	14346	0	KED
	Se	78	51.623	ug/L	0.948	1	10	1796	3	KED
	Y	89		ug/L			624922	634109	3	Standard
	Kr	83		ug/L			255	283	3	Standard
>	In-1	115		ug/L			23929	23468	2	KED
	Mo	98	47.107	ug/L	0.561	1	13	75254	0	KED
	Cd	111	49.841	ug/L	0.512	1	1	18893	1	KED
	Cd	114	49.636	ug/L	0.414	0	4	48857	1	KED
>	In	115		ug/L			1299773	1285304	0	Standard
	Ag	107	50.684	ug/L	1.656	3	58	981530	3	Standard
	Ba	135	42.123	ug/L	0.801	1	126	332502	1	Standard
	Ba	137	41.313	ug/L	0.469	1	219	584130	1	Standard
>	Tb	159		ug/L			2198543	2230995	1	Standard
	Tl	205	51.209	ug/L	0.829	1	100	4152478	1	Standard
	Pb	208	52.895	ug/L	0.612	1	992	5636231	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 01:12:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1163577	1159880	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	41	5	10	21	Standard
	C	**13**		ug/L			21889	21482	0	Standard
	Cl	**37**		ug/L			7597445	7516445	0	Standard
⌈>	**Sc**	**45**		ug/L			1291432	1306453	1	Standard
⌈	**Na**	**23**	**0.024**	ug/L	0.055	233	61509	62791	0	Standard
⌈	**Mg**	**24**	**0.003**	ug/L	0.007	197	7383	7564	0	Standard
⌈	**Al**	**27**	**0.002**	ug/L	0.014	810	16408	16645	1	Standard
⌈	**K**	**39**	**-0.747**	ug/L	0.875	117	1207721	1200113	0	Standard
⌈	**Ca**	**44**	**-0.364**	ug/L	0.176	48	10019	9713	1	Standard
⌈	**V**	**51**	**-0.004**	ug/L	0.007	211	5630	5581	2	Standard
⌈	**V-1**	**51**	**0.001**	ug/L	0.001	44	223	268	5	Standard
⌈	**Cr**	**52**	**-0.015**	ug/L	0.024	161	16691	16462	2	Standard
⌈	**Cr**	**53**	**0.001**	ug/L	0.002	196	156	161	1	Standard
⌈	**Fe**	**54**	**-0.671**	ug/L	1.030	153	98188	97505	1	Standard
⌈	**Fe**	**57**	**-0.541**	ug/L	0.414	76	22985	22731	0	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.003	617	3055	3108	2	Standard
⌈>	**Ge**	**72**		ug/L			77165	75941	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.001	143	5	7	50	KED
⌈	**Ni**	**60**	**-0.007**	ug/L	0.003	38	38	27	14	KED
⌈	**Ni**	**62**	**-0.010**	ug/L	0.017	166	12	9	40	KED
⌈	**Cu**	**63**	**0.006**	ug/L	0.005	93	214	234	9	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.008	493	111	113	12	KED
⌈	**Zn**	**66**	**0.044**	ug/L	0.039	89	338	359	6	KED
⌈	**Zn**	**67**	**-0.088**	ug/L	0.161	183	60	51	32	KED
⌈	**As**	**75**	**0.000**	ug/L	0.004	2296	3	3	39	KED
⌊	**Se**	**78**	**0.026**	ug/L	0.078	294	10	11	23	KED
	Y	**89**		ug/L			624922	627440	1	Standard
	Kr	**83**		ug/L			255	274	4	Standard
⌈>	**In-1**	**115**		ug/L			23929	24170	1	KED
⌈	**Mo**	**98**	**0.020**	ug/L	0.003	13	13	46	8	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.002	62	1	2	21	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.006	342	4	5	103	KED
⌈>	**In**	**115**		ug/L			1299773	1295774	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	30	58	90	10	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	81	126	118	6	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.004	344	219	202	26	Standard
⌈>	**Tb**	**159**		ug/L			2198543	2191568	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	19	100	193	8	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	62	992	1034	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-37
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:17:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1221817	2	Standard
[	**Be**	**9**	**0.000**	ug/L	0.001	230	5	8	81	Standard
	C	**13**		ug/L			21889	53480	0	Standard
	Cl	**37**		ug/L			7597445	7091565	0	Standard
[>	**Sc**	**45**		ug/L			1291432	1378805	1	Standard
[	**Na**	**23**	**426.712**	ug/L	3.572	0	61509	11147704	0	Standard
[	**Mg**	**24**	**269.172**	ug/L	4.077	1	7383	8279908	0	Standard
[	**Al**	**27**	**22.266**	ug/L	0.453	2	16408	651599	0	Standard
[	**K**	**39**	**338.630**	ug/L	3.105	0	1207721	11519451	2	Standard
[	**Ca**	**44**	**3272.638**	ug/L	37.111	1	10019	4005125	1	Standard
[	**V**	**51**	**0.307**	ug/L	0.004	1	5630	16300	2	Standard
[	**V-1**	**51**	**0.307**	ug/L	0.004	1	223	10620	2	Standard
[	**Cr**	**52**	**0.298**	ug/L	0.008	2	16691	26561	0	Standard
[	**Cr**	**53**	**0.298**	ug/L	0.006	2	156	1184	0	Standard
[	**Fe**	**54**	**25.045**	ug/L	1.039	4	98188	175495	0	Standard
[	**Fe**	**57**	**23.349**	ug/L	0.993	4	22985	48076	1	Standard
[	**Mn**	**55**	**0.456**	ug/L	0.010	2	3055	23282	1	Standard
[>	**Ge**	**72**		ug/L			77165	78901	1	KED
[	**Co**	**59**	**0.019**	ug/L	0.001	6	5	104	5	KED
[	**Ni**	**60**	**0.116**	ug/L	0.017	14	38	205	10	KED
[	**Ni**	**62**	**0.107**	ug/L	0.024	22	12	37	16	KED
[	**Cu**	**63**	**0.649**	ug/L	0.021	3	214	2896	2	KED
[	**Cu**	**65**	**0.644**	ug/L	0.018	2	111	1433	1	KED
[	**Zn**	**66**	**34.048**	ug/L	0.234	0	338	21681	1	KED
[	**Zn**	**67**	**32.607**	ug/L	0.453	1	60	3398	2	KED
[	**As**	**75**	**0.582**	ug/L	0.010	1	3	182	3	KED
[	**Se**	**78**	**0.093**	ug/L	0.041	43	10	13	9	KED
	Y	**89**		ug/L			624922	663439	2	Standard
	Kr	**83**		ug/L			255	300	9	Standard
[>	**In-1**	**115**		ug/L			23929	24248	0	KED
[	**Mo**	**98**	**0.361**	ug/L	0.011	3	13	609	3	KED
[	**Cd**	**111**	**0.024**	ug/L	0.004	15	1	11	13	KED
[	**Cd**	**114**	**0.009**	ug/L	0.010	117	4	13	80	KED
[>	**In**	**115**		ug/L			1299773	1344653	1	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.001	195	58	67	22	Standard
[	**Ba**	**135**	**2.767**	ug/L	0.084	3	126	22968	1	Standard
[	**Ba**	**137**	**2.721**	ug/L	0.041	1	219	40451	0	Standard
[>	**Tb**	**159**		ug/L			2198543	2289875	1	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	8	100	281	4	Standard
[	**Pb**	**208**	**0.023**	ug/L	0.000	0	992	3504	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:22:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1163577	1195947	1	Standard
	Be	9	0.002	ug/L	0.001	42	5	23	32	Standard
	C	13		ug/L			21889	52806	2	Standard
	Cl	37		ug/L			7597445	6966852	0	Standard
>	Sc	45		ug/L			1291432	1379198	0	Standard
	Na	23	419.559	ug/L	7.636	1	61509	10965850	1	Standard
	Mg	24	289.701	ug/L	2.461	0	7383	8914851	1	Standard
	Al	27	127.728	ug/L	0.563	0	16408	3656505	0	Standard
	K	39	332.947	ug/L	6.333	1	1207721	11349748	1	Standard
	Ca	44	3131.036	ug/L	42.475	1	10019	3833313	0	Standard
	V	51	0.648	ug/L	0.005	0	5630	27718	1	Standard
	V-1	51	0.648	ug/L	0.003	0	223	22169	1	Standard
	Cr	52	0.292	ug/L	0.011	3	16691	26391	1	Standard
	Cr	53	0.304	ug/L	0.006	2	156	1207	2	Standard
	Fe	54	180.910	ug/L	1.395	0	98188	615644	0	Standard
	Fe	57	184.144	ug/L	2.031	1	22985	210263	0	Standard
	Mn	55	4.723	ug/L	0.013	0	3055	210766	0	Standard
>	Ge	72		ug/L			77165	79285	1	KED
	Co	59	0.178	ug/L	0.010	5	5	914	4	KED
	Ni	60	0.311	ug/L	0.015	4	38	488	5	KED
	Ni	62	0.307	ug/L	0.081	26	12	84	22	KED
	Cu	63	1.149	ug/L	0.037	3	214	4983	2	KED
	Cu	65	1.156	ug/L	0.028	2	111	2495	2	KED
	Zn	66	3.256	ug/L	0.090	2	338	2398	3	KED
	Zn	67	2.938	ug/L	0.407	13	60	364	10	KED
	As	75	0.978	ug/L	0.026	2	3	305	3	KED
	Se	78	0.056	ug/L	0.060	107	10	12	17	KED
	Y	89		ug/L			624922	636397	1	Standard
	Kr	83		ug/L			255	289	3	Standard
>	In-1	115		ug/L			23929	24601	0	KED
	Mo	98	0.349	ug/L	0.027	7	13	598	7	KED
	Cd	111	0.027	ug/L	0.004	14	1	12	13	KED
	Cd	114	0.012	ug/L	0.011	87	4	16	65	KED
>	In	115		ug/L			1299773	1315151	2	Standard
	Ag	107	0.002	ug/L	0.000	17	58	93	8	Standard
	Ba	135	3.658	ug/L	0.074	2	126	29656	0	Standard
	Ba	137	3.550	ug/L	0.080	2	219	51549	1	Standard
>	Tb	159		ug/L			2198543	2258054	1	Standard
	Tl	205	0.003	ug/L	0.000	8	100	358	5	Standard
	Pb	208	0.194	ug/L	0.004	2	992	21945	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-39
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:27:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1196954	1	Standard
[	**Be**	**9**	**0.002**	ug/L	0.001	41	5	20	32	Standard
	C	**13**		ug/L			21889	57085	0	Standard
	Cl	**37**		ug/L			7597445	6891273	0	Standard
[>	**Sc**	**45**		ug/L			1291432	1368104	1	Standard
[	**Na**	**23**	**426.958**	ug/L	3.690	0	61509	11067157	1	Standard
[	**Mg**	**24**	**299.884**	ug/L	5.306	1	7383	9151697	1	Standard
[	**Al**	**27**	**124.029**	ug/L	2.044	1	16408	3523147	3	Standard
[	**K**	**39**	**349.848**	ug/L	5.245	1	1207721	11763615	0	Standard
[	**Ca**	**44**	**3284.483**	ug/L	42.193	1	10019	3988546	2	Standard
[	**V**	**51**	**0.685**	ug/L	0.013	1	5630	28706	0	Standard
[	**V-1**	**51**	**0.683**	ug/L	0.011	1	223	23150	0	Standard
[	**Cr**	**52**	**0.477**	ug/L	0.018	3	16691	31557	0	Standard
[	**Cr**	**53**	**0.479**	ug/L	0.011	2	156	1789	0	Standard
[	**Fe**	**54**	**163.520**	ug/L	2.558	1	98188	561897	0	Standard
[	**Fe**	**57**	**166.535**	ug/L	1.296	0	22985	190967	2	Standard
[	**Mn**	**55**	**3.781**	ug/L	0.060	1	3055	167977	0	Standard
[>	**Ge**	**72**		ug/L			77165	78309	0	KED
[	**Co**	**59**	**0.113**	ug/L	0.004	3	5	575	3	KED
[	**Ni**	**60**	**0.249**	ug/L	0.017	7	38	394	6	KED
[	**Ni**	**62**	**0.185**	ug/L	0.039	21	12	55	17	KED
[	**Cu**	**63**	**1.075**	ug/L	0.020	1	214	4620	1	KED
[	**Cu**	**65**	**1.068**	ug/L	0.024	2	111	2285	2	KED
[	**Zn**	**66**	**26.538**	ug/L	0.264	0	338	16848	0	KED
[	**Zn**	**67**	**24.598**	ug/L	0.568	2	60	2559	2	KED
[	**As**	**75**	**0.855**	ug/L	0.026	3	3	264	3	KED
[	**Se**	**78**	**0.155**	ug/L	0.078	50	10	15	16	KED
	Y	**89**		ug/L			624922	649741	1	Standard
	Kr	**83**		ug/L			255	306	13	Standard
[>	**In-1**	**115**		ug/L			23929	24328	1	KED
[	**Mo**	**98**	**0.419**	ug/L	0.036	8	13	707	8	KED
[	**Cd**	**111**	**0.022**	ug/L	0.006	26	1	10	23	KED
[	**Cd**	**114**	**0.013**	ug/L	0.008	56	4	17	43	KED
[>	**In**	**115**		ug/L			1299773	1354997	0	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.001	54	58	93	18	Standard
[	**Ba**	**135**	**3.375**	ug/L	0.011	0	126	28210	0	Standard
[	**Ba**	**137**	**3.293**	ug/L	0.047	1	219	49301	1	Standard
[>	**Tb**	**159**		ug/L			2198543	2286456	0	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	9	100	321	5	Standard
[	**Pb**	**208**	**0.155**	ug/L	0.001	0	992	17952	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-40
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:31:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1163577	1206594	1	Standard
	Be	**9**	**0.003**	ug/L	0.001	36	5	27	28	Standard
	C	**13**		ug/L			21889	58648	0	Standard
	Cl	**37**		ug/L			7597445	6871722	0	Standard
>	**Sc**	**45**		ug/L			1291432	1366371	0	Standard
	Na	**23**	**447.926**	ug/L	5.760	1	61509	11594382	1	Standard
	Mg	**24**	**322.223**	ug/L	7.025	2	7383	9822662	2	Standard
	Al	**27**	**198.312**	ug/L	6.781	3	16408	5615330	3	Standard
	K	**39**	**369.068**	ug/L	4.304	1	1207721	12326330	1	Standard
	Ca	**44**	**3230.161**	ug/L	37.750	1	10019	3917887	1	Standard
	V	**51**	**0.867**	ug/L	0.014	1	5630	34715	1	Standard
	V-1	**51**	**0.861**	ug/L	0.013	1	223	29099	1	Standard
	Cr	**52**	**0.552**	ug/L	0.013	2	16691	33703	1	Standard
	Cr	**53**	**0.545**	ug/L	0.020	3	156	2012	3	Standard
	Fe	**54**	**262.739**	ug/L	7.658	2	98188	838864	2	Standard
	Fe	**57**	**267.270**	ug/L	4.766	1	22985	291382	1	Standard
	Mn	**55**	**7.008**	ug/L	0.129	1	3055	308273	2	Standard
>	**Ge**	**72**		ug/L			77165	78574	0	KED
	Co	**59**	**0.183**	ug/L	0.010	5	5	931	4	KED
	Ni	**60**	**0.318**	ug/L	0.007	2	38	493	1	KED
	Ni	**62**	**0.310**	ug/L	0.076	24	12	84	20	KED
	Cu	**63**	**2.554**	ug/L	0.064	2	214	10708	1	KED
	Cu	**65**	**2.530**	ug/L	0.049	1	111	5275	1	KED
	Zn	**66**	**2.295**	ug/L	0.035	1	338	1776	1	KED
	Zn	**67**	**2.240**	ug/L	0.199	8	60	290	6	KED
	As	**75**	**1.013**	ug/L	0.033	3	3	313	3	KED
	Se	**78**	**0.006**	ug/L	0.032	502	10	10	10	KED
	Y	**89**		ug/L			624922	650341	1	Standard
	Kr	**83**		ug/L			255	273	11	Standard
>	**In-1**	**115**		ug/L			23929	24333	2	KED
	Mo	**98**	**0.350**	ug/L	0.014	4	13	593	3	KED
	Cd	**111**	**0.022**	ug/L	0.013	59	1	10	48	KED
	Cd	**114**	**0.022**	ug/L	0.010	44	4	26	36	KED
>	**In**	**115**		ug/L			1299773	1323008	3	Standard
	Ag	**107**	**0.003**	ug/L	0.002	81	58	114	42	Standard
	Ba	**135**	**4.950**	ug/L	0.087	1	126	40318	1	Standard
	Ba	**137**	**4.914**	ug/L	0.091	1	219	71679	1	Standard
>	**Tb**	**159**		ug/L			2198543	2273376	0	Standard
	Tl	**205**	**0.006**	ug/L	0.002	30	100	587	26	Standard
	Pb	**208**	**0.287**	ug/L	0.004	1	992	32137	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:36:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1072895	2	Standard
[	**Be**	**9**	**0.002**	ug/L	0.002	93	5	17	67	Standard
	C	**13**		ug/L			21889	51419	0	Standard
	Cl	**37**		ug/L			7597445	6876136	1	Standard
[>	**Sc**	**45**		ug/L			1291432	1394047	2	Standard
[	**Na**	**23**	**3595.101**	ug/L	72.235	2	61509	94444201	1	Standard
[	**Mg**	**24**	**7756.182**	ug/L	65.050	0	7383	241009521	1	Standard
[	**Al**	**27**	**54.358**	ug/L	0.822	1	16408	1582862	2	Standard
[	**K**	**39**	**4145.495**	ug/L	41.085	0	1207721	127906559	2	Standard
[	**Ca**	**44**	**58106.657**	ug/L	1249.441	2	10019	71698692	1	Standard
[	**V**	**51**	**0.525**	ug/L	0.011	2	5630	23855	1	Standard
[	**V-1**	**51**	**0.552**	ug/L	0.008	1	223	19094	1	Standard
[	**Cr**	**52**	**0.370**	ug/L	0.007	1	16691	28964	1	Standard
[	**Cr**	**53**	**0.458**	ug/L	0.006	1	156	1750	3	Standard
[	**Fe**	**54**	**56.567**	ug/L	1.414	2	98188	267401	2	Standard
[	**Fe**	**57**	**188.423**	ug/L	3.405	1	22985	216939	3	Standard
[	**Mn**	**55**	**29.497**	ug/L	0.248	0	3055	1313211	2	Standard
[>	**Ge**	**72**		ug/L			77165	68744	1	KED
[	**Co**	**59**	**0.298**	ug/L	0.010	3	5	1325	4	KED
[	**Ni**	**60**	**0.172**	ug/L	0.009	5	38	248	4	KED
[	**Ni**	**62**	**0.116**	ug/L	0.017	14	12	34	9	KED
[	**Cu**	**63**	**0.505**	ug/L	0.012	2	214	2005	2	KED
[	**Cu**	**65**	**0.483**	ug/L	0.035	7	111	961	6	KED
[	**Zn**	**66**	**0.681**	ug/L	0.036	5	338	673	3	KED
[	**Zn**	**67**	**1.630**	ug/L	0.455	27	60	199	19	KED
[	**As**	**75**	**0.104**	ug/L	0.012	11	3	30	9	KED
[	**Se**	**78**	**0.102**	ug/L	0.045	43	10	12	10	KED
	Y	**89**		ug/L			624922	610228	4	Standard
	Kr	**83**		ug/L			255	271	6	Standard
[>	**In-1**	**115**		ug/L			23929	21850	3	KED
[	**Mo**	**98**	**0.327**	ug/L	0.003	0	13	498	3	KED
[	**Cd**	**111**	**0.080**	ug/L	0.005	6	1	29	5	KED
[	**Cd**	**114**	**0.074**	ug/L	0.011	15	4	71	11	KED
[>	**In**	**115**		ug/L			1299773	1235824	3	Standard
[	**Ag**	**107**	**0.003**	ug/L	0.001	24	58	114	9	Standard
[	**Ba**	**135**	**18.856**	ug/L	0.392	2	126	143116	2	Standard
[	**Ba**	**137**	**18.542**	ug/L	0.393	2	219	252056	2	Standard
[>	**Tb**	**159**		ug/L			2198543	2191748	0	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	113	100	135	29	Standard
[	**Pb**	**208**	**0.032**	ug/L	0.001	4	992	4391	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:41:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1086076	0	Standard
[	**Be**	**9**	**0.004**	ug/L	0.001	22	5	29	18	Standard
	C	**13**		ug/L			21889	53189	0	Standard
	Cl	**37**		ug/L			7597445	6940037	0	Standard
[>	**Sc**	**45**		ug/L			1291432	1425126	0	Standard
[	**Na**	**23**	**3438.773**	ug/L	23.800	0	61509	92385727	1	Standard
[	**Mg**	**24**	**7676.144**	ug/L	57.531	0	7383	243863321	0	Standard
[	**Al**	**27**	**67.998**	ug/L	0.652	0	16408	2019944	1	Standard
[	**K**	**39**	**4062.435**	ug/L	61.329	1	1207721	128168756	1	Standard
[	**Ca**	**44**	**57036.747**	ug/L	438.675	0	10019	71971886	1	Standard
[	**V**	**51**	**0.543**	ug/L	0.002	0	5630	25017	0	Standard
[	**V-1**	**51**	**0.570**	ug/L	0.004	0	223	20151	0	Standard
[	**Cr**	**52**	**0.318**	ug/L	0.002	0	16691	28065	0	Standard
[	**Cr**	**53**	**0.408**	ug/L	0.015	3	156	1615	3	Standard
[	**Fe**	**54**	**67.961**	ug/L	0.344	0	98188	306631	0	Standard
[	**Fe**	**57**	**199.902**	ug/L	2.520	1	22985	233705	1	Standard
[	**Mn**	**55**	**28.807**	ug/L	0.503	1	3055	1311052	1	Standard
[>	**Ge**	**72**		ug/L			77165	68581	0	KED
[	**Co**	**59**	**0.309**	ug/L	0.004	1	5	1371	0	KED
[	**Ni**	**60**	**0.163**	ug/L	0.020	11	38	238	9	KED
[	**Ni**	**62**	**0.119**	ug/L	0.103	86	12	34	60	KED
[	**Cu**	**63**	**0.827**	ug/L	0.021	2	214	3155	2	KED
[	**Cu**	**65**	**0.812**	ug/L	0.027	3	111	1544	2	KED
[	**Zn**	**66**	**10.417**	ug/L	0.057	0	338	5974	0	KED
[	**Zn**	**67**	**10.592**	ug/L	0.490	4	60	996	4	KED
[	**As**	**75**	**0.109**	ug/L	0.015	13	3	31	12	KED
[	**Se**	**78**	**0.078**	ug/L	0.061	78	10	11	16	KED
	Y	**89**		ug/L			624922	617803	2	Standard
	Kr	**83**		ug/L			255	275	7	Standard
[>	**In-1**	**115**		ug/L			23929	22362	1	KED
[	**Mo**	**98**	**0.353**	ug/L	0.032	8	13	550	7	KED
[	**Cd**	**111**	**0.076**	ug/L	0.015	19	1	28	19	KED
[	**Cd**	**114**	**0.095**	ug/L	0.017	18	4	93	17	KED
[>	**In**	**115**		ug/L			1299773	1266598	1	Standard
[	**Ag**	**107**	**0.001**	ug/L	0.001	47	58	77	12	Standard
[	**Ba**	**135**	**18.708**	ug/L	0.344	1	126	145579	1	Standard
[	**Ba**	**137**	**18.312**	ug/L	0.216	1	219	255230	0	Standard
[>	**Tb**	**159**		ug/L			2198543	2189468	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	11	100	151	3	Standard
[	**Pb**	**208**	**0.041**	ug/L	0.000	0	992	5271	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:46:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1163577	1209183	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	51	5	14	32	Standard
	C	**13**		ug/L			21889	47647	0	Standard
	Cl	**37**		ug/L			7597445	7237195	0	Standard
⌈>	**Sc**	**45**		ug/L			1291432	1453086	0	Standard
⌈	**Na**	**23**	**991.991**	ug/L	11.720	1	61509	27221347	0	Standard
⌈	**Mg**	**24**	**1250.578**	ug/L	10.931	0	7383	40516283	0	Standard
⌈	**Al**	**27**	**3.788**	ug/L	0.034	0	16408	132177	0	Standard
⌈	**K**	**39**	**651.819**	ug/L	6.433	0	1207721	22109480	0	Standard
⌈	**Ca**	**44**	**9997.520**	ug/L	82.380	0	10019	12871438	0	Standard
⌈	**V**	**51**	**0.030**	ug/L	0.003	10	5630	7380	1	Standard
⌈	**V-1**	**51**	**0.065**	ug/L	0.001	2	223	2561	1	Standard
⌈	**Cr**	**52**	**0.146**	ug/L	0.007	4	16691	23299	1	Standard
⌈	**Cr**	**53**	**0.254**	ug/L	0.003	1	156	1091	1	Standard
⌈	**Fe**	**54**	**0.462**	ug/L	0.376	81	98188	111853	1	Standard
⌈	**Fe**	**57**	**16.087**	ug/L	0.548	3	22985	42955	0	Standard
⌊	**Mn**	**55**	**1.527**	ug/L	0.009	0	3055	74122	1	Standard
⌈>	**Ge**	**72**		ug/L			77165	70577	0	KED
⌈	**Co**	**59**	**0.100**	ug/L	0.007	7	5	460	6	KED
⌈	**Ni**	**60**	**0.160**	ug/L	0.039	24	38	240	20	KED
⌈	**Ni**	**62**	**0.138**	ug/L	0.072	51	12	40	37	KED
⌈	**Cu**	**63**	**0.194**	ug/L	0.007	3	214	913	3	KED
⌈	**Cu**	**65**	**0.183**	ug/L	0.018	9	111	437	8	KED
⌈	**Zn**	**66**	**10.060**	ug/L	0.358	3	338	5948	3	KED
⌈	**Zn**	**67**	**9.895**	ug/L	0.336	3	60	961	3	KED
⌈	**As**	**75**	**0.017**	ug/L	0.009	53	3	7	32	KED
⌊	**Se**	**78**	**0.083**	ug/L	0.052	62	10	12	14	KED
	Y	**89**		ug/L			624922	680190	0	Standard
	Kr	**83**		ug/L			255	257	9	Standard
⌈>	**In-1**	**115**		ug/L			23929	22417	1	KED
⌈	**Mo**	**98**	**0.381**	ug/L	0.019	5	13	594	5	KED
⌈	**Cd**	**111**	**0.080**	ug/L	0.014	17	1	30	17	KED
⌊	**Cd**	**114**	**0.065**	ug/L	0.013	20	4	65	19	KED
⌈>	**In**	**115**		ug/L			1299773	1388424	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	182	58	58	13	Standard
⌈	**Ba**	**135**	**6.012**	ug/L	0.061	1	126	51387	1	Standard
⌊	**Ba**	**137**	**5.823**	ug/L	0.056	0	219	89143	1	Standard
⌈>	**Tb**	**159**		ug/L			2198543	2318630	1	Standard
⌈	**Tl**	**205**	**0.008**	ug/L	0.000	1	100	789	0	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.001	15	992	646	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-07
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:51:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1206129	1	Standard
[	**Be**	**9**	**0.002**	ug/L	0.001	51	5	20	39	Standard
	C	**13**		ug/L			21889	52564	1	Standard
	Cl	**37**		ug/L			7597445	7221210	1	Standard
[>	**Sc**	**45**		ug/L			1291432	1428427	0	Standard
[	**Na**	**23**	**681.089**	ug/L	7.235	1	61509	18394057	1	Standard
[	**Mg**	**24**	**395.496**	ug/L	7.560	1	7383	12600301	1	Standard
[	**Al**	**27**	**45.142**	ug/L	0.395	0	16408	1350162	0	Standard
[	**K**	**39**	**453.926**	ug/L	11.461	2	1207721	15539884	1	Standard
[	**Ca**	**44**	**4491.325**	ug/L	44.518	0	10019	5690489	1	Standard
[	**V**	**51**	**0.251**	ug/L	0.003	1	5630	14921	1	Standard
[	**V-1**	**51**	**0.278**	ug/L	0.002	0	223	9971	1	Standard
[	**Cr**	**52**	**0.209**	ug/L	0.007	3	16691	24795	1	Standard
[	**Cr**	**53**	**0.295**	ug/L	0.002	0	156	1218	1	Standard
[	**Fe**	**54**	**13.471**	ug/L	0.383	2	98188	147991	0	Standard
[	**Fe**	**57**	**14.668**	ug/L	0.903	6	22985	40742	1	Standard
[	**Mn**	**55**	**0.680**	ug/L	0.014	2	3055	34328	1	Standard
[>	**Ge**	**72**		ug/L			77165	74165	0	KED
[	**Co**	**59**	**0.040**	ug/L	0.002	5	5	197	5	KED
[	**Ni**	**60**	**0.223**	ug/L	0.021	9	38	338	7	KED
[	**Ni**	**62**	**0.175**	ug/L	0.032	18	12	50	14	KED
[	**Cu**	**63**	**3.237**	ug/L	0.035	1	214	12757	0	KED
[	**Cu**	**65**	**3.184**	ug/L	0.055	1	111	6238	2	KED
[	**Zn**	**66**	**64.300**	ug/L	0.247	0	338	38200	0	KED
[	**Zn**	**67**	**59.644**	ug/L	1.204	2	60	5794	2	KED
[	**As**	**75**	**0.183**	ug/L	0.006	3	3	56	3	KED
[	**Se**	**78**	**0.019**	ug/L	0.097	501	10	10	31	KED
	Y	**89**		ug/L			624922	675722	2	Standard
	Kr	**83**		ug/L			255	275	2	Standard
[>	**In-1**	**115**		ug/L			23929	23428	0	KED
[	**Mo**	**98**	**0.466**	ug/L	0.011	2	13	756	2	KED
[	**Cd**	**111**	**0.331**	ug/L	0.009	2	1	126	2	KED
[	**Cd**	**114**	**0.310**	ug/L	0.011	3	4	308	3	KED
[>	**In**	**115**		ug/L			1299773	1378522	0	Standard
[	**Ag**	**107**	**0.005**	ug/L	0.000	10	58	158	6	Standard
[	**Ba**	**135**	**5.250**	ug/L	0.019	0	126	44568	0	Standard
[	**Ba**	**137**	**5.147**	ug/L	0.075	1	219	78262	1	Standard
[>	**Tb**	**159**		ug/L			2198543	2328364	0	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	4	100	373	2	Standard
[	**Pb**	**208**	**0.021**	ug/L	0.000	2	992	3386	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-08
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 01:57:56

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1195639	1	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	39	5	24	31	Standard
	C	**13**		ug/L			21889	55107	1	Standard
	Cl	**37**		ug/L			7597445	7206974	0	Standard
[>	**Sc**	**45**		ug/L			1291432	1390266	1	Standard
[	**Na**	**23**	**680.413**	ug/L	8.121	1	61509	17883099	0	Standard
[	**Mg**	**24**	**414.423**	ug/L	10.727	2	7383	12851409	3	Standard
[	**Al**	**27**	**12.366**	ug/L	0.276	2	16408	372735	0	Standard
[	**K**	**39**	**468.515**	ug/L	6.461	1	1207721	15569327	1	Standard
[	**Ca**	**44**	**4925.370**	ug/L	64.962	1	10019	6072619	1	Standard
[	**V**	**51**	**0.180**	ug/L	0.007	4	5630	12127	1	Standard
[	**V-1**	**51**	**0.200**	ug/L	0.003	1	223	7065	2	Standard
[	**Cr**	**52**	**0.083**	ug/L	0.013	15	16691	20420	2	Standard
[	**Cr**	**53**	**0.151**	ug/L	0.013	8	156	688	7	Standard
[	**Fe**	**54**	**9.114**	ug/L	1.212	13	98188	131626	2	Standard
[	**Fe**	**57**	**10.440**	ug/L	0.477	4	22985	35353	0	Standard
[	**Mn**	**55**	**1.952**	ug/L	0.030	1	3055	89704	0	Standard
[>	**Ge**	**72**		ug/L			77165	72494	2	KED
[	**Co**	**59**	**0.016**	ug/L	0.001	7	5	77	5	KED
[	**Ni**	**60**	**0.193**	ug/L	0.015	7	38	290	4	KED
[	**Ni**	**62**	**0.237**	ug/L	0.023	9	12	62	6	KED
[	**Cu**	**63**	**8.283**	ug/L	0.137	1	214	31590	1	KED
[	**Cu**	**65**	**8.235**	ug/L	0.096	1	111	15607	3	KED
[	**Zn**	**66**	**58.929**	ug/L	1.277	2	338	34235	0	KED
[	**Zn**	**67**	**54.983**	ug/L	0.685	1	60	5225	1	KED
[	**As**	**75**	**0.098**	ug/L	0.010	10	3	30	8	KED
[	**Se**	**78**	**0.129**	ug/L	0.074	57	10	13	19	KED
	Y	**89**		ug/L			624922	660808	2	Standard
	Kr	**83**		ug/L			255	276	2	Standard
[>	**In-1**	**115**		ug/L			23929	23368	1	KED
[	**Mo**	**98**	**0.743**	ug/L	0.041	5	13	1195	4	KED
[	**Cd**	**111**	**0.444**	ug/L	0.003	0	1	169	0	KED
[	**Cd**	**114**	**0.420**	ug/L	0.020	4	4	415	5	KED
[>	**In**	**115**		ug/L			1299773	1348388	0	Standard
[	**Ag**	**107**	**0.001**	ug/L	0.000	8	58	83	2	Standard
[	**Ba**	**135**	**3.547**	ug/L	0.064	1	126	29491	1	Standard
[	**Ba**	**137**	**3.447**	ug/L	0.029	0	219	51331	0	Standard
[>	**Tb**	**159**		ug/L			2198543	2293738	0	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.000	2	100	509	1	Standard
[	**Pb**	**208**	**0.012**	ug/L	0.000	4	992	2314	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 11:04:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1163577	1268385	7	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	112	5	3	69	Standard
	C	**13**		ug/L			21889	22315	1	Standard
	Cl	**37**		ug/L			7597445	7531489	1	Standard
⌈>	**Sc**	**45**		ug/L			1291432	1400914	7	Standard
⌈	**Na**	**23**	**-0.598**	ug/L	0.068	11	61509	50855	3	Standard
⌈	**Mg**	**24**	**0.106**	ug/L	0.020	19	7383	11275	1	Standard
⌈	**Al**	**27**	**-0.025**	ug/L	0.031	123	16408	17038	4	Standard
⌈	**K**	**39**	**-2.883**	ug/L	2.077	72	1207721	1218588	2	Standard
⌈	**Ca**	**44**	**1.532**	ug/L	0.677	44	10019	12729	1	Standard
⌈	**V**	**51**	**-0.000**	ug/L	0.013	29870	5630	6085	0	Standard
⌈	**V-1**	**51**	**-0.002**	ug/L	0.000	24	223	177	7	Standard
⌈	**Cr**	**52**	**0.002**	ug/L	0.039	1659	16691	18120	1	Standard
⌈	**Cr**	**53**	**-0.004**	ug/L	0.001	32	156	158	9	Standard
⌈	**Fe**	**54**	**-2.536**	ug/L	3.653	144	98188	98736	2	Standard
⌈	**Fe**	**57**	**-8.378**	ug/L	1.149	13	22985	16295	1	Standard
⌊	**Mn**	**55**	**-0.030**	ug/L	0.003	9	3055	1990	5	Standard
⌈>	**Ge**	**72**		ug/L			77165	85475	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	553	5	5	57	KED
⌈	**Ni**	**60**	**0.025**	ug/L	0.017	67	38	80	30	KED
⌈	**Ni**	**62**	**-0.000**	ug/L	0.020	16269	12	13	37	KED
⌈	**Cu**	**63**	**0.024**	ug/L	0.004	16	214	344	4	KED
⌈	**Cu**	**65**	**0.018**	ug/L	0.010	56	111	163	12	KED
⌈	**Zn**	**66**	**0.152**	ug/L	0.088	57	338	477	11	KED
⌈	**Zn**	**67**	**0.111**	ug/L	0.092	82	60	80	14	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.003	702	3	3	31	KED
⌊	**Se**	**78**	**-0.023**	ug/L	0.017	71	10	10	5	KED
	Y	**89**		ug/L			624922	751016	7	Standard
	Kr	**83**		ug/L			255	309	7	Standard
⌈>	**In-1**	**115**		ug/L			23929	31506	1	KED
⌈	**Mo**	**98**	**-0.005**	ug/L	0.001	20	13	7	28	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.001	70	1	1	43	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	151	4	3	99	KED
⌈>	**In**	**115**		ug/L			1299773	1491455	5	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	70	58	48	25	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.003	1133	126	141	18	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.003	155	219	284	17	Standard
⌈>	**Tb**	**159**		ug/L			2198543	2439841	6	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	33	100	67	26	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	8	992	1556	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 11:15:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				24384	3	Standard
	Cl	**37**		ug/L				7930059	0	Standard
⎡>	**Sc**	**45**		ug/L				1558544	0	Standard
⎢	**Na**	**23**		ug/L				36347	1	Standard
⎢	**Mg**	**24**		ug/L				6644	3	Standard
⎢	**Al**	**27**		ug/L				13638	2	Standard
⎢	**K**	**39**		ug/L				1239868	0	Standard
⎢	**Ca**	**44**		ug/L				7270	1	Standard
⎢	**Fe**	**54**		ug/L				107805	3	Standard
⎢	**Fe**	**57**		ug/L				18409	1	Standard
⎣	**Mn**	**55**		ug/L				2213	2	Standard
⎡>	**Ge**	**72**		ug/L				94306	1	KED
⎢	**Cu**	**63**		ug/L				152	14	KED
⎢	**Cu**	**65**		ug/L				74	15	KED
⎢	**Zn**	**66**		ug/L				429	6	KED
⎣	**Zn**	**67**		ug/L				61	6	KED
	Y	**89**		ug/L				811854	1	Standard
	Kr	**83**		ug/L				359	5	Standard
⎡>	**In-1**	**115**		ug/L				30232	0	KED
⎢	**Cd**	**111**		ug/L				3	83	KED
⎣	**Cd**	**114**		ug/L				4	23	KED
⎡>	**Tb**	**159**		ug/L				2638391	1	Standard
⎣	**Pb**	**208**		ug/L				1025	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 11:19:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24565	0	Standard
	Cl	**37**		ug/L			7930059	8522240	0	Standard
>	**Sc**	**45**		ug/L			1558544	1516420	1	Standard
	Na	**23**	**4402.775**	ug/L	27.933	0	36347	125797993	0	Standard
	Mg	**24**	**4631.151**	ug/L	47.694	1	6644	156556946	1	Standard
	Al	**27**	**4706.508**	ug/L	23.301	0	13638	147443077	0	Standard
	K	**39**	**5043.977**	ug/L	38.569	0	1239868	168792176	1	Standard
	Ca	**44**	**4753.653**	ug/L	101.711	2	7270	6387594	1	Standard
	Fe	**54**	**4597.017**	ug/L	81.865	1	107805	14374013	0	Standard
	Fe	**57**	**4813.090**	ug/L	86.502	1	18409	5354700	1	Standard
	Mn	**55**	**45.253**	ug/L	0.292	0	2213	2188015	0	Standard
>	**Ge**	**72**		ug/L			94306	94482	0	KED
	Cu	**63**	**49.891**	ug/L	0.390	0	152	246613	0	KED
	Cu	**65**	**50.057**	ug/L	0.408	0	74	122876	0	KED
	Zn	**66**	**51.113**	ug/L	0.206	0	429	38785	0	KED
	Zn	**67**	**48.850**	ug/L	0.729	1	61	6046	1	KED
	Y	**89**		ug/L			811854	806375	2	Standard
	Kr	**83**		ug/L			359	340	10	Standard
>	**In-1**	**115**		ug/L			30232	29698	1	KED
	Cd	**111**	**48.800**	ug/L	0.945	1	3	23408	0	KED
	Cd	**114**	**49.325**	ug/L	0.256	0	4	61440	0	KED
>	**Tb**	**159**		ug/L			2638391	2645883	0	Standard
	Pb	**208**	**54.339**	ug/L	0.112	0	1025	6867236	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 11:26:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24543	1	Standard
	Cl	**37**		ug/L			7930059	8120874	1	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1531257	0	Standard
|	**Na**	**23**	**0.059**	ug/L	0.007	12	36347	37399	1	Standard
|	**Mg**	**24**	**0.044**	ug/L	0.006	12	6644	8038	3	Standard
|	**Al**	**27**	**0.056**	ug/L	0.012	21	13638	15159	3	Standard
|	**K**	**39**	**2.055**	ug/L	0.346	16	1239868	1287017	0	Standard
|	**Ca**	**44**	**0.074**	ug/L	0.070	94	7270	7243	0	Standard
|	**Fe**	**54**	**-0.107**	ug/L	0.493	462	107805	105579	1	Standard
|	**Fe**	**57**	**4.762**	ug/L	0.581	12	18409	23415	1	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	144	2213	2154	1	Standard
⌈>	**Ge**	**72**		ug/L			94306	92643	2	KED
|	**Cu**	**63**	**0.004**	ug/L	0.001	30	152	169	5	KED
|	**Cu**	**65**	**0.004**	ug/L	0.006	147	74	83	18	KED
|	**Zn**	**66**	**-0.023**	ug/L	0.041	180	429	405	5	KED
⌊	**Zn**	**67**	**0.040**	ug/L	0.069	172	61	65	14	KED
	Y	**89**		ug/L			811854	793071	0	Standard
	Kr	**83**		ug/L			359	323	9	Standard
⌈>	**In-1**	**115**		ug/L			30232	30188	2	KED
|	**Cd**	**111**	**0.002**	ug/L	0.009	427	3	4	96	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	309	4	2	135	KED
⌈>	**Tb**	**159**		ug/L			2638391	2588262	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	36	1025	1134	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-09
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:00:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	58218	1	Standard
	Cl	**37**		ug/L			7930059	7569106	0	Standard
>	**Sc**	**45**		ug/L			1558544	1560019	1	Standard
	Na	**23**	**1042.421**	ug/L	29.330	2	36347	30662440	1	Standard
	Mg	**24**	**1346.160**	ug/L	26.025	1	6644	46813454	1	Standard
	Al	**27**	**9.544**	ug/L	0.178	1	13638	321178	0	Standard
	K	**39**	**714.500**	ug/L	13.650	1	1239868	25657733	0	Standard
	Ca	**44**	**8105.805**	ug/L	134.734	1	7270	11200227	0	Standard
	Fe	**54**	**4.220**	ug/L	0.546	12	107805	121368	0	Standard
	Fe	**57**	**16.811**	ug/L	1.036	6	18409	37596	2	Standard
	Mn	**55**	**7.713**	ug/L	0.064	0	2213	385519	1	Standard
>	**Ge**	**72**		ug/L			94306	85224	0	KED
	Cu	**63**	**1.328**	ug/L	0.040	3	152	6054	2	KED
	Cu	**65**	**1.309**	ug/L	0.049	3	74	2963	3	KED
	Zn	**66**	**47.750**	ug/L	0.451	0	429	32707	0	KED
	Zn	**67**	**45.979**	ug/L	0.336	0	61	5136	1	KED
	Y	**89**		ug/L			811854	799367	0	Standard
	Kr	**83**		ug/L			359	325	13	Standard
>	**In-1**	**115**		ug/L			30232	29906	0	KED
	Cd	**111**	**0.392**	ug/L	0.014	3	3	192	3	KED
	Cd	**114**	**0.401**	ug/L	0.016	4	4	506	4	KED
>	**Tb**	**159**		ug/L			2638391	2594367	0	Standard
	Pb	**208**	**-0.001**	ug/L	0.000	14	1025	843	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-10
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:04:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	57598	0	Standard
	Cl	**37**		ug/L			7930059	7934313	0	Standard
>	**Sc**	**45**		ug/L			1558544	1600347	0	Standard
	Na	**23**	**4377.277**	ug/L	21.685	0	36347	131994851	1	Standard
	Mg	**24**	**5729.725**	ug/L	82.075	1	6644	204397169	1	Standard
	Al	**27**	**28.379**	ug/L	0.525	1	13638	952090	0	Standard
	K	**39**	**1874.425**	ug/L	12.040	0	1239868	66994877	1	Standard
	Ca	**44**	**44756.243**	ug/L	1110.384	2	7270	63405014	1	Standard
	Fe	**54**	**32.911**	ug/L	1.300	3	107805	218490	0	Standard
	Fe	**57**	**148.678**	ug/L	2.157	1	18409	192886	0	Standard
	Mn	**55**	**52.934**	ug/L	0.515	0	2213	2700670	0	Standard
>	**Ge**	**72**		ug/L			94306	86258	0	KED
	Cu	**63**	**0.405**	ug/L	0.006	1	152	1964	1	KED
	Cu	**65**	**0.405**	ug/L	0.004	1	74	975	0	KED
	Zn	**66**	**0.792**	ug/L	0.036	4	429	935	2	KED
	Zn	**67**	**3.418**	ug/L	0.363	10	61	438	9	KED
	Y	**89**		ug/L			811854	757361	1	Standard
	Kr	**83**		ug/L			359	317	0	Standard
>	**In-1**	**115**		ug/L			30232	27289	0	KED
	Cd	**111**	**0.015**	ug/L	0.006	41	3	9	27	KED
	Cd	**114**	**0.010**	ug/L	0.007	71	4	15	53	KED
>	**Tb**	**159**		ug/L			2638391	2503042	0	Standard
	Pb	**208**	**0.018**	ug/L	0.000	2	1025	3139	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-13
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:08:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	59133	0	Standard
	Cl	37		ug/L			7930059	7806034	1	Standard
>	Sc	45		ug/L			1558544	1529762	2	Standard
	Na	23	2655.242	ug/L	41.176	1	36347	76532671	0	Standard
	Mg	24	4071.023	ug/L	45.692	1	6644	138809869	1	Standard
	Al	27	4.650	ug/L	0.139	2	13638	160252	0	Standard
	K	39	2049.963	ug/L	18.030	0	1239868	69916298	1	Standard
	Ca	44	37059.316	ug/L	261.138	0	7270	50199820	2	Standard
	Fe	54	4.243	ug/L	0.875	20	107805	119062	0	Standard
	Fe	57	98.609	ug/L	2.499	2	18409	128341	0	Standard
	Mn	55	1.981	ug/L	0.045	2	2213	98698	0	Standard
>	Ge	72		ug/L			94306	85638	0	KED
	Cu	63	0.182	ug/L	0.007	4	152	952	3	KED
	Cu	65	0.187	ug/L	0.012	6	74	483	5	KED
	Zn	66	0.079	ug/L	0.015	18	429	443	2	KED
	Zn	67	1.469	ug/L	0.206	14	61	219	10	KED
	Y	89		ug/L			811854	740622	1	Standard
	Kr	83		ug/L			359	320	14	Standard
>	In-1	115		ug/L			30232	27316	1	KED
	Cd	111	0.007	ug/L	0.006	88	3	6	45	KED
	Cd	114	0.013	ug/L	0.004	27	4	18	20	KED
>	Tb	159		ug/L			2638391	2429792	0	Standard
	Pb	208	0.005	ug/L	0.000	5	1025	1485	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-11
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:13:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	47063	0	Standard
	Cl	**37**		ug/L			7930059	7893025	1	Standard
>	**Sc**	**45**		ug/L			1558544	1429398	0	Standard
	Na	**23**	**493.598**	ug/L	4.979	1	36347	13323840	0	Standard
	Mg	**24**	**1407.597**	ug/L	11.145	0	6644	44856953	0	Standard
	Al	**27**	**11.758**	ug/L	0.147	1	13638	359694	1	Standard
	K	**39**	**308.834**	ug/L	2.904	0	1239868	10808704	0	Standard
	Ca	**44**	**8640.239**	ug/L	19.042	0	7270	10940007	0	Standard
	Fe	**54**	**496.182**	ug/L	5.823	1	107805	1550802	1	Standard
	Fe	**57**	**534.619**	ug/L	5.855	1	18409	575715	1	Standard
	Mn	**55**	**92.051**	ug/L	1.865	2	2213	4193402	1	Standard
>	**Ge**	**72**		ug/L			94306	86564	0	KED
	Cu	**63**	**1.771**	ug/L	0.006	0	152	8155	0	KED
	Cu	**65**	**1.783**	ug/L	0.008	0	74	4076	0	KED
	Zn	**66**	**215.368**	ug/L	1.338	0	429	148463	0	KED
	Zn	**67**	**199.783**	ug/L	4.510	2	61	22480	2	KED
	Y	**89**		ug/L			811854	744584	1	Standard
	Kr	**83**		ug/L			359	328	16	Standard
>	**In-1**	**115**		ug/L			30232	26821	0	KED
	Cd	**111**	**2.163**	ug/L	0.042	1	3	940	2	KED
	Cd	**114**	**2.116**	ug/L	0.053	2	4	2384	1	KED
>	**Tb**	**159**		ug/L			2638391	2464628	1	Standard
	Pb	**208**	**-0.005**	ug/L	0.000	3	1025	419	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-14
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:17:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	46813	0	Standard
	Cl	**37**		ug/L			7930059	7700712	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1468203	0	Standard
|	**Na**	**23**	**478.141**	ug/L	9.947	2	36347	13256691	1	Standard
|	**Mg**	**24**	**1382.424**	ug/L	11.942	0	6644	45249091	0	Standard
|	**Al**	**27**	**156.559**	ug/L	2.117	1	13638	4760784	0	Standard
|	**K**	**39**	**190.146**	ug/L	3.383	1	1239868	7283724	0	Standard
|	**Ca**	**44**	**7780.205**	ug/L	186.082	2	7270	10117617	1	Standard
|	**Fe**	**54**	**1404.559**	ug/L	25.105	1	107805	4322688	0	Standard
|	**Fe**	**57**	**1663.286**	ug/L	35.175	2	18409	1802915	1	Standard
⌊	**Mn**	**55**	**101.402**	ug/L	1.325	1	2213	4744275	0	Standard
⌈>	**Ge**	**72**		ug/L			94306	85963	0	KED
|	**Cu**	**63**	**1.199**	ug/L	0.033	2	152	5526	2	KED
|	**Cu**	**65**	**1.194**	ug/L	0.026	2	74	2734	2	KED
|	**Zn**	**66**	**18.539**	ug/L	0.192	1	429	13049	1	KED
⌊	**Zn**	**67**	**17.849**	ug/L	0.794	4	61	2045	4	KED
	Y	**89**		ug/L			811854	777993	2	Standard
	Kr	**83**		ug/L			359	283	8	Standard
⌈>	**In-1**	**115**		ug/L			30232	27012	0	KED
|	**Cd**	**111**	**0.146**	ug/L	0.018	12	3	66	10	KED
⌊	**Cd**	**114**	**0.143**	ug/L	0.014	9	4	165	9	KED
⌈>	**Tb**	**159**		ug/L			2638391	2471753	0	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	6	1025	667	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-18
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:20:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	43587	1	Standard
	Cl	**37**		ug/L			7930059	7403011	1	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1485642	0	Standard
|	**Na**	**23**	**545.559**	ug/L	5.862	1	36347	15302592	1	Standard
|	**Mg**	**24**	**1774.248**	ug/L	15.311	0	6644	58766921	1	Standard
|	**Al**	**27**	**707.500**	ug/L	14.648	2	13638	21727868	2	Standard
|	**K**	**39**	**926.284**	ug/L	4.155	0	1239868	31332098	1	Standard
|	**Ca**	**44**	**10865.630**	ug/L	84.274	0	7270	14296738	0	Standard
|	**Fe**	**54**	**8285.840**	ug/L	69.345	0	107805	25302321	0	Standard
|	**Fe**	**57**	**8924.710**	ug/L	41.705	0	18409	9713698	1	Standard
⌊	**Mn**	**55**	**104.399**	ug/L	1.364	1	2213	4942802	1	Standard
⌈>	**Ge**	**72**		ug/L			94306	84850	0	KED
|	**Cu**	**63**	**12.468**	ug/L	0.006	0	152	55452	0	KED
|	**Cu**	**65**	**12.414**	ug/L	0.110	0	74	27417	0	KED
|	**Zn**	**66**	**120.800**	ug/L	0.948	0	429	81794	1	KED
⌊	**Zn**	**67**	**115.899**	ug/L	1.822	1	61	12807	1	KED
	Y	**89**		ug/L			811854	813887	1	Standard
	Kr	**83**		ug/L			359	338	4	Standard
⌈>	**In-1**	**115**		ug/L			30232	26954	1	KED
|	**Cd**	**111**	**0.887**	ug/L	0.067	7	3	388	6	KED
⌊	**Cd**	**114**	**0.869**	ug/L	0.035	4	4	986	4	KED
⌈>	**Tb**	**159**		ug/L			2638391	2483175	2	Standard
⌊	**Pb**	**208**	**0.039**	ug/L	0.000	0	1025	5567	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-DUP2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:24:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	44395	1	Standard
	Cl	37		ug/L			7930059	7337639	1	Standard
>	Sc	45		ug/L			1558544	1480238	1	Standard
	Na	23	549.433	ug/L	11.516	2	36347	15352118	1	Standard
	Mg	24	1772.947	ug/L	4.754	0	6644	58508145	1	Standard
	Al	27	706.847	ug/L	13.996	1	13638	21623585	1	Standard
	K	39	947.130	ug/L	15.909	1	1239868	31888895	0	Standard
	Ca	44	10844.924	ug/L	133.189	1	7270	14216686	0	Standard
	Fe	54	8429.103	ug/L	111.409	1	107805	25641752	0	Standard
	Fe	57	9085.559	ug/L	40.846	0	18409	9852078	1	Standard
	Mn	55	106.541	ug/L	1.039	0	2213	5025380	0	Standard
>	Ge	72		ug/L			94306	84013	0	KED
	Cu	63	12.575	ug/L	0.158	1	152	55371	0	KED
	Cu	65	12.498	ug/L	0.292	2	74	27327	1	KED
	Zn	66	121.109	ug/L	1.333	1	429	81190	0	KED
	Zn	67	113.857	ug/L	0.695	0	61	12457	0	KED
	Y	89		ug/L			811854	818759	1	Standard
	Kr	83		ug/L			359	343	2	Standard
>	In-1	115		ug/L			30232	26568	0	KED
	Cd	111	0.888	ug/L	0.037	4	3	384	4	KED
	Cd	114	0.900	ug/L	0.024	2	4	1006	2	KED
>	Tb	159		ug/L			2638391	2504932	0	Standard
	Pb	208	0.037	ug/L	0.001	2	1025	5418	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-MS2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:29:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13			ug/L			24384	42469	1	Standard
	Cl	37			ug/L			7930059	7370126	0	Standard
>	Sc	45			ug/L			1558544	1534524	1	Standard
	Na	23		922.330	ug/L	18.550	2	36347	26692944	1	Standard
	Mg	24		2163.972	ug/L	33.488	1	6644	74029817	1	Standard
	Al	27		1126.141	ug/L	24.910	2	13638	35705637	1	Standard
	K	39		1411.395	ug/L	16.151	1	1239868	48667789	0	Standard
	Ca	44		11333.377	ug/L	243.654	2	7270	15402908	2	Standard
	Fe	54	STL	8734.531	ug/L	106.274	1	107805	27542804	0	Standard
	Fe	57		9297.345	ug/L	144.760	1	18409	10450768	1	Standard
	Mn	55		105.561	ug/L	0.575	0	2213	5162292	1	Standard
>	Ge	72			ug/L			94306	83068	1	KED
	Cu	63		14.919	ug/L	0.274	1	152	64919	0	KED
	Cu	65		15.028	ug/L	0.394	2	74	32475	2	KED
	Zn	66	STL	128.406	ug/L	3.253	2	429	85072	0	KED
	Zn	67		121.072	ug/L	2.223	1	61	13092	0	KED
	Y	89			ug/L			811854	827924	0	Standard
	Kr	83			ug/L			359	352	7	Standard
>	In-1	115			ug/L			30232	26956	0	KED
	Cd	111		3.410	ug/L	0.032	0	3	1487	0	KED
	Cd	114		3.397	ug/L	0.026	0	4	3844	0	KED
>	Tb	159			ug/L			2638391	2544606	0	Standard
	Pb	208		3.020	ug/L	0.025	0	1025	368016	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-MSD2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:34:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13			ug/L			24384	42676	2	Standard
	Cl	37			ug/L			7930059	7343392	0	Standard
>	Sc	45			ug/L			1558544	1525052	0	Standard
	Na	23		917.062	ug/L	6.200	0	36347	26380858	0	Standard
	Mg	24		2127.874	ug/L	24.337	1	6644	72346091	1	Standard
	Al	27		1120.041	ug/L	16.206	1	13638	35299135	1	Standard
	K	39		1403.067	ug/L	20.117	1	1239868	48093155	1	Standard
	Ca	44		11243.356	ug/L	226.522	2	7270	15186820	2	Standard
	Fe	54	STL	8566.624	ug/L	60.750	0	107805	26850823	0	Standard
	Fe	57		9257.942	ug/L	44.738	0	18409	10342789	0	Standard
	Mn	55		102.544	ug/L	0.741	0	2213	4983842	0	Standard
>	Ge	72			ug/L			94306	81385	1	KED
	Cu	63		14.933	ug/L	0.183	1	152	63667	0	KED
	Cu	65		14.958	ug/L	0.286	1	74	31668	0	KED
	Zn	66	STL	126.306	ug/L	1.725	1	429	82007	1	KED
	Zn	67		118.042	ug/L	0.867	0	61	12508	0	KED
	Y	89			ug/L			811854	812876	2	Standard
	Kr	83			ug/L			359	326	10	Standard
>	In-1	115			ug/L			30232	26715	0	KED
	Cd	111		3.380	ug/L	0.071	2	3	1461	2	KED
	Cd	114		3.405	ug/L	0.092	2	4	3819	2	KED
>	Tb	159			ug/L			2638391	2521319	1	Standard
	Pb	208		3.023	ug/L	0.038	1	1025	364964	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:41:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23838	1	Standard
	Cl	**37**		ug/L			7930059	7926573	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1495776	0	Standard
|	**Na**	**23**	**0.610**	ug/L	0.021	3	36347	52084	1	Standard
|	**Mg**	**24**	**0.186**	ug/L	0.005	2	6644	12574	2	Standard
|	**Al**	**27**	**0.142**	ug/L	0.003	2	13638	17488	1	Standard
|	**K**	**39**	**2.361**	ug/L	0.238	10	1239868	1267269	0	Standard
|	**Ca**	**44**	**5.094**	ug/L	0.297	5	7270	13724	3	Standard
|	**Fe**	**54**	**-2.553**	ug/L	0.480	18	107805	95641	1	Standard
|	**Fe**	**57**	**-3.576**	ug/L	0.144	4	18409	13755	0	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	158	2213	2105	1	Standard
⌈>	**Ge**	**72**		ug/L			94306	82017	3	KED
|	**Cu**	**63**	**0.040**	ug/L	0.003	7	152	304	1	KED
|	**Cu**	**65**	**0.043**	ug/L	0.010	22	74	157	14	KED
|	**Zn**	**66**	**0.128**	ug/L	0.074	57	429	456	7	KED
⌊	**Zn**	**67**	**0.158**	ug/L	0.048	30	61	70	9	KED
	Y	**89**		ug/L			811854	769137	1	Standard
	Kr	**83**		ug/L			359	311	9	Standard
⌈>	**In-1**	**115**		ug/L			30232	27693	1	KED
|	**Cd**	**111**	**-0.005**	ug/L	0.002	41	3	0	100	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	301	4	4	49	KED
⌈>	**Tb**	**159**		ug/L			2638391	2508382	0	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.000	3	1025	1842	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:46:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24021	1	Standard
	Cl	**37**		ug/L			7930059	7943539	1	Standard
>	**Sc**	**45**		ug/L			1558544	1473387	2	Standard
	Na	**23**	**4190.048**	ug/L	34.302	0	36347	116312292	1	Standard
	Mg	**24**	**4476.376**	ug/L	50.705	1	6644	147051108	3	Standard
	Al	**27**	**4461.273**	ug/L	38.775	0	13638	135798101	2	Standard
	K	**39**	**4980.780**	ug/L	37.233	0	1239868	161954184	2	Standard
	Ca	**44**	**4776.594**	ug/L	31.459	0	7270	6237286	2	Standard
	Fe	**54**	**4599.261**	ug/L	38.608	0	107805	13972653	1	Standard
	Fe	**57**	**4884.729**	ug/L	26.262	0	18409	5280161	2	Standard
	Mn	**55**	**44.229**	ug/L	0.644	1	2213	2077864	2	Standard
>	**Ge**	**72**		ug/L			94306	85188	1	KED
	Cu	**63**	**49.751**	ug/L	0.653	1	152	221722	1	KED
	Cu	**65**	**50.095**	ug/L	0.670	1	74	110872	1	KED
	Zn	**66**	**51.169**	ug/L	0.096	0	429	35007	0	KED
	Zn	**67**	**51.376**	ug/L	1.208	2	61	5731	3	KED
	Y	**89**		ug/L			811854	756671	2	Standard
	Kr	**83**		ug/L			359	336	6	Standard
>	**In-1**	**115**		ug/L			30232	27334	2	KED
	Cd	**111**	**49.172**	ug/L	0.690	1	3	21708	1	KED
	Cd	**114**	**50.063**	ug/L	0.574	1	4	57389	1	KED
>	**Tb**	**159**		ug/L			2638391	2479875	1	Standard
	Pb	**208**	**54.815**	ug/L	0.249	0	1025	6492818	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:53:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23970	0	Standard
	Cl	**37**		ug/L			7930059	7555096	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1409414	5	Standard
|	**Na**	**23**	**0.085**	ug/L	0.041	48	36347	35088	2	Standard
|	**Mg**	**24**	**0.022**	ug/L	0.003	14	6644	6705	4	Standard
|	**Al**	**27**	**0.027**	ug/L	0.015	55	13638	13112	2	Standard
|	**K**	**39**	**1.795**	ug/L	1.671	93	1239868	1174901	0	Standard
|	**Ca**	**44**	**0.336**	ug/L	0.079	23	7270	6991	4	Standard
|	**Fe**	**54**	**-0.245**	ug/L	0.701	286	107805	96718	3	Standard
|	**Fe**	**57**	**4.702**	ug/L	0.844	17	18409	21466	1	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	158	2213	2017	5	Standard
⌈>	**Ge**	**72**		ug/L			94306	84370	0	KED
|	**Cu**	**63**	**0.011**	ug/L	0.008	70	152	185	18	KED
|	**Cu**	**65**	**0.004**	ug/L	0.003	72	74	75	8	KED
|	**Zn**	**66**	**0.062**	ug/L	0.045	73	429	426	7	KED
⌊	**Zn**	**67**	**0.036**	ug/L	0.083	228	61	59	14	KED
	Y	**89**		ug/L			811854	713753	6	Standard
	Kr	**83**		ug/L			359	316	5	Standard
⌈>	**In-1**	**115**		ug/L			30232	26490	1	KED
|	**Cd**	**111**	**0.000**	ug/L	0.002	1016	3	3	34	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.001	42	4	0	131	KED
⌈>	**Tb**	**159**		ug/L			2638391	2351194	4	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	9	1025	1233	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-34
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:57:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	49593	1	Standard
	Cl	37		ug/L			7930059	7022309	1	Standard
>	Sc	45		ug/L			1558544	1488821	2	Standard
	Na	23	1070.900	ug/L	11.603	1	36347	30073358	3	Standard
	Mg	24	1775.416	ug/L	8.817	0	6644	58931853	2	Standard
	Al	27	5.884	ug/L	0.094	1	13638	194041	3	Standard
	K	39	5185.458	ug/L	105.359	2	1239868	170337626	3	Standard
	Ca	44	37269.598	ug/L	213.543	0	7270	49130702	2	Standard
	Fe	54	4680.298	ug/L	39.988	0	107805	14369449	3	Standard
	Fe	57	5073.246	ug/L	41.285	0	18409	5540997	2	Standard
	Mn	55	129.594	ug/L	1.175	0	2213	6147438	1	Standard
>	Ge	72		ug/L			94306	79331	0	KED
	Cu	63	0.250	ug/L	0.014	5	152	1167	4	KED
	Cu	65	0.253	ug/L	0.032	12	74	584	11	KED
	Zn	66	78.969	ug/L	0.309	0	429	50116	0	KED
	Zn	67	76.028	ug/L	1.101	1	61	7872	1	KED
	Y	89		ug/L			811854	743283	2	Standard
	Kr	83		ug/L			359	349	3	Standard
>	In-1	115		ug/L			30232	25444	0	KED
	Cd	111	0.079	ug/L	0.017	21	3	35	20	KED
	Cd	114	0.059	ug/L	0.008	13	4	66	12	KED
>	Tb	159		ug/L			2638391	2428502	1	Standard
	Pb	208	0.008	ug/L	0.000	5	1025	1832	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-21
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:01:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	49216	1	Standard
	Cl	**37**		ug/L			7930059	7116868	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1453384	0	Standard
|	**Na**	**23**	**794.388**	ug/L	5.890	0	36347	21781348	0	Standard
|	**Mg**	**24**	**689.307**	ug/L	10.306	1	6644	22337735	1	Standard
|	**Al**	**27**	**15.485**	ug/L	0.261	1	13638	477665	2	Standard
|	**K**	**39**	**680.134**	ug/L	9.981	1	1239868	22814415	2	Standard
|	**Ca**	**44**	**6459.748**	ug/L	139.599	2	7270	8317933	2	Standard
|	**Fe**	**54**	**1.467**	ug/L	0.874	59	107805	104880	1	Standard
|	**Fe**	**57**	**12.882**	ug/L	0.255	1	18409	30858	1	Standard
⌊	**Mn**	**55**	**1.305**	ug/L	0.014	1	2213	62498	0	Standard
⌈>	**Ge**	**72**		ug/L			94306	82089	0	KED
|	**Cu**	**63**	**19.682**	ug/L	0.129	0	152	84607	0	KED
|	**Cu**	**65**	**19.809**	ug/L	0.239	1	74	42287	1	KED
|	**Zn**	**66**	**263.292**	ug/L	3.738	1	429	172025	0	KED
⌊	**Zn**	**67**	**246.992**	ug/L	3.476	1	61	26342	1	KED
	Y	**89**		ug/L			811854	720482	0	Standard
	Kr	**83**		ug/L			359	314	10	Standard
⌈>	**In-1**	**115**		ug/L			30232	25838	1	KED
|	**Cd**	**111**	**1.255**	ug/L	0.051	4	3	526	4	KED
⌊	**Cd**	**114**	**1.315**	ug/L	0.108	8	4	1428	8	KED
⌈>	**Tb**	**159**		ug/L			2638391	2368773	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	21	1025	1161	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:05:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	47634	1	Standard
	Cl	37		ug/L			7930059	7014290	0	Standard
>	Sc	45		ug/L			1558544	1462198	1	Standard
	Na	23	1607.466	ug/L	16.663	1	36347	44304984	0	Standard
	Mg	24	4035.582	ug/L	46.083	1	6644	131530581	0	Standard
	Al	27	869.874	ug/L	18.054	2	13638	26282132	0	Standard
	K	39	2831.029	ug/L	76.406	2	1239868	91832977	1	Standard
	Ca	44	35610.733	ug/L	896.417	2	7270	46092638	1	Standard
	Fe	54	7.320	ug/L	0.700	9	107805	123034	1	Standard
	Fe	57	87.913	ug/L	0.790	0	18409	111267	1	Standard
	Mn	55	2372.903	ug/L	39.568	1	2213	110509123	0	Standard
>	Ge	72		ug/L			94306	74568	0	KED
	Cu	63	18.456	ug/L	0.099	0	152	72078	0	KED
	Cu	65	18.695	ug/L	0.114	0	74	36255	0	KED
	Zn	66	277.764	ug/L	3.040	1	429	164838	0	KED
	Zn	67	263.395	ug/L	3.434	1	61	25515	1	KED
	Y	89		ug/L			811854	851657	1	Standard
	Kr	83		ug/L			359	314	7	Standard
>	In-1	115		ug/L			30232	23698	3	KED
	Cd	111	3.824	ug/L	0.079	2	3	1465	1	KED
	Cd	114	3.941	ug/L	0.152	3	4	3917	1	KED
>	Tb	159		ug/L			2638391	2336022	1	Standard
	Pb	208	0.041	ug/L	0.001	3	1025	5521	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:12:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23975	2	Standard
	Cl	**37**		ug/L			7930059	8109117	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1391939	1	Standard
⎢	**Na**	**23**	**-0.685**	ug/L	0.012	1	36347	14493	0	Standard
⎢	**Mg**	**24**	**0.087**	ug/L	0.010	11	6644	8643	2	Standard
⎢	**Al**	**27**	**-0.119**	ug/L	0.002	2	13638	8762	0	Standard
⎢	**K**	**39**	**3.919**	ug/L	0.222	5	1239868	1226823	1	Standard
⎢	**Ca**	**44**	**-0.975**	ug/L	0.185	19	7270	5290	3	Standard
⎢	**Fe**	**54**	**-1.588**	ug/L	0.417	26	107805	91747	0	Standard
⎢	**Fe**	**57**	**1.064**	ug/L	0.144	13	18409	17523	0	Standard
⎣	**Mn**	**55**	**-0.016**	ug/L	0.002	14	2213	1285	6	Standard
⎡>	**Ge**	**72**		ug/L			94306	77338	0	KED
⎢	**Cu**	**63**	**-0.016**	ug/L	0.001	8	152	59	8	KED
⎢	**Cu**	**65**	**-0.017**	ug/L	0.000	2	74	27	4	KED
⎢	**Zn**	**66**	**-0.347**	ug/L	0.025	7	429	139	10	KED
⎣	**Zn**	**67**	**-0.326**	ug/L	0.041	12	61	17	22	KED
	Y	**89**		ug/L			811854	701677	0	Standard
	Kr	**83**		ug/L			359	302	6	Standard
⎡>	**In-1**	**115**		ug/L			30232	25283	0	KED
⎢	**Cd**	**111**	**-0.002**	ug/L	0.002	94	3	1	50	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.002	152	4	2	95	KED
⎡>	**Tb**	**159**		ug/L			2638391	2305715	0	Standard
⎣	**Pb**	**208**	**-0.002**	ug/L	0.000	16	1025	686	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-02
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:16:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	48963	0	Standard
	Cl	**37**		ug/L			7930059	7007411	0	Standard
>	**Sc**	**45**		ug/L			1558544	1415968	1	Standard
	Na	**23**	**608.544**	ug/L	2.189	0	36347	16264395	1	Standard
	Mg	**24**	**1331.215**	ug/L	9.373	0	6644	42022418	1	Standard
	Al	**27**	**802.470**	ug/L	7.832	0	13638	23482583	0	Standard
	K	**39**	**1385.830**	ug/L	23.895	1	1239868	44120231	2	Standard
	Ca	**44**	**9517.626**	ug/L	145.587	1	7270	11937466	2	Standard
	Fe	**54**	**2172.480**	ug/L	9.462	0	107805	6395154	1	Standard
	Fe	**57**	**2358.966**	ug/L	50.958	2	18409	2458915	1	Standard
	Mn	**55**	**97.621**	ug/L	0.250	0	2213	4405164	1	Standard
>	**Ge**	**72**		ug/L			94306	76832	0	KED
	Cu	**63**	**4.691**	ug/L	0.093	1	152	18971	2	KED
	Cu	**65**	**4.676**	ug/L	0.089	1	74	9389	2	KED
	Zn	**66**	**64.563**	ug/L	0.940	1	429	39746	1	KED
	Zn	**67**	**61.893**	ug/L	1.147	1	61	6215	1	KED
	Y	**89**		ug/L			811854	732746	0	Standard
	Kr	**83**		ug/L			359	320	8	Standard
>	**In-1**	**115**		ug/L			30232	24169	0	KED
	Cd	**111**	**0.465**	ug/L	0.014	3	3	184	2	KED
	Cd	**114**	**0.480**	ug/L	0.026	5	4	489	6	KED
>	**Tb**	**159**		ug/L			2638391	2329624	1	Standard
	Pb	**208**	**0.040**	ug/L	0.001	1	1025	5351	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-12
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:20:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	45755	0	Standard
	Cl	**37**		ug/L			7930059	7096549	0	Standard
>	**Sc**	**45**		ug/L			1558544	1419986	2	Standard
	Na	**23**	**797.905**	ug/L	19.030	2	36347	21368595	0	Standard
	Mg	**24**	**2366.908**	ug/L	67.581	2	6644	74900791	1	Standard
	Al	**27**	**3.177**	ug/L	0.082	2	13638	105592	1	Standard
	K	**39**	**3108.970**	ug/L	58.859	1	1239868	97825636	0	Standard
	Ca	**44**	**21048.570**	ug/L	713.996	3	7270	26453131	1	Standard
	Fe	**54**	**6149.348**	ug/L	27.814	0	107805	17973107	1	Standard
	Fe	**57**	**6654.853**	ug/L	40.170	0	18409	6926621	1	Standard
	Mn	**55**	**98.708**	ug/L	2.343	2	2213	4465556	0	Standard
>	**Ge**	**72**		ug/L			94306	75057	1	KED
	Cu	**63**	**0.151**	ug/L	0.004	2	152	712	1	KED
	Cu	**65**	**0.141**	ug/L	0.015	10	74	333	7	KED
	Zn	**66**	**6.729**	ug/L	0.232	3	429	4352	1	KED
	Zn	**67**	**6.654**	ug/L	0.321	4	61	696	4	KED
	Y	**89**		ug/L			811854	711742	2	Standard
	Kr	**83**		ug/L			359	295	8	Standard
>	**In-1**	**115**		ug/L			30232	23958	0	KED
	Cd	**111**	**0.037**	ug/L	0.004	11	3	17	9	KED
	Cd	**114**	**0.032**	ug/L	0.004	12	4	35	11	KED
>	**Tb**	**159**		ug/L			2638391	2364761	0	Standard
	Pb	**208**	**0.001**	ug/L	0.000	34	1025	1009	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-16
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:24:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	49319	2	Standard
	Cl	**37**		ug/L			7930059	7304728	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1367258	0	Standard
⎢	**Na**	**23**	**874.828**	ug/L	8.577	0	36347	22562273	0	Standard
⎢	**Mg**	**24**	**1566.973**	ug/L	32.477	2	6644	47760644	1	Standard
⎢	**Al**	**27**	**1.411**	ug/L	0.024	1	13638	51810	1	Standard
⎢	**K**	**39**	**961.251**	ug/L	8.045	0	1239868	29882266	1	Standard
⎢	**Ca**	**44**	**11141.669**	ug/L	185.800	1	7270	13490775	0	Standard
⎢	**Fe**	**54**	**11.668**	ug/L	0.563	4	107805	127222	0	Standard
⎢	**Fe**	**57**	**40.166**	ug/L	0.867	2	18409	56306	1	Standard
⎣	**Mn**	**55**	**176.953**	ug/L	0.342	0	2213	7708907	0	Standard
⎡>	**Ge**	**72**		ug/L			94306	74868	1	KED
⎢	**Cu**	**63**	**0.007**	ug/L	0.007	95	152	147	17	KED
⎢	**Cu**	**65**	**0.002**	ug/L	0.003	123	74	64	8	KED
⎢	**Zn**	**66**	**0.126**	ug/L	0.052	41	429	415	5	KED
⎣	**Zn**	**67**	**0.280**	ug/L	0.137	48	61	76	18	KED
	Y	**89**		ug/L			811854	672812	0	Standard
	Kr	**83**		ug/L			359	326	1	Standard
⎡>	**In-1**	**115**		ug/L			30232	23569	0	KED
⎢	**Cd**	**111**	**0.010**	ug/L	0.005	48	3	6	28	KED
⎣	**Cd**	**114**	**0.007**	ug/L	0.005	76	4	9	49	KED
⎡>	**Tb**	**159**		ug/L			2638391	2268831	0	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.000	16	1025	1151	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-24
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:29:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	45940	2	Standard
	Cl	**37**		ug/L			7930059	7308532	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1393560	0	Standard
|	**Na**	**23**	**524.988**	ug/L	13.868	2	36347	13812994	2	Standard
|	**Mg**	**24**	**1259.439**	ug/L	27.326	2	6644	39127656	1	Standard
|	**Al**	**27**	**17.248**	ug/L	0.119	0	13638	508732	0	Standard
|	**K**	**39**	**824.268**	ug/L	10.882	1	1239868	26274045	1	Standard
|	**Ca**	**44**	**10356.617**	ug/L	19.615	0	7270	12783145	0	Standard
|	**Fe**	**54**	**0.933**	ug/L	0.832	89	107805	99051	2	Standard
|	**Fe**	**57**	**27.922**	ug/L	0.916	3	18409	44912	1	Standard
⌊	**Mn**	**55**	**141.089**	ug/L	1.677	1	2213	6265053	0	Standard
⌈>	**Ge**	**72**		ug/L			94306	73776	2	KED
|	**Cu**	**63**	**0.111**	ug/L	0.004	3	152	548	1	KED
|	**Cu**	**65**	**0.125**	ug/L	0.008	6	74	297	3	KED
|	**Zn**	**66**	**4.487**	ug/L	0.137	3	429	2965	3	KED
⌊	**Zn**	**67**	**4.470**	ug/L	0.156	3	61	475	1	KED
	Y	**89**		ug/L			811854	697600	2	Standard
	Kr	**83**		ug/L			359	320	7	Standard
⌈>	**In-1**	**115**		ug/L			30232	23614	1	KED
|	**Cd**	**111**	**0.451**	ug/L	0.060	13	3	174	13	KED
⌊	**Cd**	**114**	**0.466**	ug/L	0.018	3	4	465	3	KED
⌈>	**Tb**	**159**		ug/L			2638391	2313995	0	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	8	1025	1294	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-15
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:33:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	43891	1	Standard
	Cl	**37**		ug/L			7930059	6916603	1	Standard
>	**Sc**	**45**		ug/L			1558544	1385235	1	Standard
	Na	**23**	**411.242**	ug/L	6.305	1	36347	10761200	0	Standard
	Mg	**24**	**1243.117**	ug/L	20.782	1	6644	38388398	1	Standard
	Al	**27**	**960.407**	ug/L	16.607	1	13638	27491400	1	Standard
	K	**39**	**680.156**	ug/L	5.390	0	1239868	21742190	1	Standard
	Ca	**44**	**8314.758**	ug/L	84.779	1	7270	10201558	0	Standard
	Fe	**54**	**5096.415**	ug/L	72.246	1	107805	14545712	0	Standard
	Fe	**57**	**5513.955**	ug/L	112.584	2	18409	5601748	2	Standard
	Mn	**55**	**108.588**	ug/L	1.812	1	2213	4792593	0	Standard
>	**Ge**	**72**		ug/L			94306	74268	1	KED
	Cu	**63**	**11.430**	ug/L	0.097	0	152	44502	1	KED
	Cu	**65**	**11.589**	ug/L	0.083	0	74	22405	0	KED
	Zn	**66**	**59.632**	ug/L	0.299	0	429	35511	1	KED
	Zn	**67**	**54.581**	ug/L	0.276	0	61	5304	1	KED
	Y	**89**		ug/L			811854	740348	1	Standard
	Kr	**83**		ug/L			359	332	6	Standard
>	**In-1**	**115**		ug/L			30232	23744	0	KED
	Cd	**111**	**0.381**	ug/L	0.041	10	3	148	11	KED
	Cd	**114**	**0.362**	ug/L	0.018	4	4	363	5	KED
>	**Tb**	**159**		ug/L			2638391	2291975	0	Standard
	Pb	**208**	**0.015**	ug/L	0.000	2	1025	2560	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLG
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:38:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23568	1	Standard
	Cl	**37**		ug/L			7930059	7695967	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1342683	1	Standard
⎢	**Na**	**23**	**-0.660**	ug/L	0.032	4	36347	14617	6	Standard
⎢	**Mg**	**24**	**0.153**	ug/L	0.108	70	6644	10333	32	Standard
⎢	**Al**	**27**	**-0.072**	ug/L	0.071	97	13638	9765	21	Standard
⎢	**K**	**39**	**3.403**	ug/L	0.655	19	1239868	1168084	0	Standard
⎢	**Ca**	**44**	**-0.725**	ug/L	0.832	114	7270	5409	19	Standard
⎢	**Fe**	**54**	**-2.334**	ug/L	0.685	29	107805	86459	2	Standard
⎢	**Fe**	**57**	**-2.043**	ug/L	0.288	14	18409	13856	3	Standard
⎣	**Mn**	**55**	**-0.019**	ug/L	0.010	54	2213	1099	41	Standard
⎡>	**Ge**	**72**		ug/L			94306	75573	0	KED
⎢	**Cu**	**63**	**-0.018**	ug/L	0.004	20	152	50	28	KED
⎢	**Cu**	**65**	**-0.013**	ug/L	0.005	38	74	34	29	KED
⎢	**Zn**	**66**	**-0.345**	ug/L	0.056	16	429	137	25	KED
⎣	**Zn**	**67**	**-0.316**	ug/L	0.079	25	61	18	41	KED
	Y	**89**		ug/L			811854	674504	0	Standard
	Kr	**83**		ug/L			359	296	6	Standard
⎡>	**In-1**	**115**		ug/L			30232	24317	0	KED
⎢	**Cd**	**111**	**-0.006**	ug/L	0.001	25	3	0	86	KED
⎣	**Cd**	**114**	**-0.003**	ug/L	0.001	30	4	0	355	KED
⎡>	**Tb**	**159**		ug/L			2638391	2269124	0	Standard
⎣	**Pb**	**208**	**-0.002**	ug/L	0.000	27	1025	686	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:43:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23098	3	Standard
	Cl	**37**		ug/L			7930059	7797816	0	Standard
>	**Sc**	**45**		ug/L			1558544	1347151	1	Standard
	Na	**23**	**4116.593**	ug/L	88.343	2	36347	104480109	1	Standard
	Mg	**24**	**4492.305**	ug/L	101.883	2	6644	134894386	1	Standard
	Al	**27**	**4383.743**	ug/L	69.453	1	13638	121989051	0	Standard
	K	**39**	**4807.686**	ug/L	175.590	3	1239868	142924071	2	Standard
	Ca	**44**	**4734.815**	ug/L	137.473	2	7270	5652616	2	Standard
	Fe	**54**	**4672.698**	ug/L	73.605	1	107805	12977972	0	Standard
	Fe	**57**	**5075.909**	ug/L	96.780	1	18409	5015646	0	Standard
	Mn	**55**	**44.941**	ug/L	0.757	1	2213	1930231	0	Standard
>	**Ge**	**72**		ug/L			94306	75678	1	KED
	Cu	**63**	**49.607**	ug/L	1.154	2	152	196382	1	KED
	Cu	**65**	**49.404**	ug/L	0.775	1	74	97132	1	KED
	Zn	**66**	**50.749**	ug/L	0.427	0	429	30845	0	KED
	Zn	**67**	**50.470**	ug/L	0.577	1	61	5001	0	KED
	Y	**89**		ug/L			811854	682638	1	Standard
	Kr	**83**		ug/L			359	336	4	Standard
>	**In-1**	**115**		ug/L			30232	23843	1	KED
	Cd	**111**	**49.954**	ug/L	0.915	1	3	19238	0	KED
	Cd	**114**	**50.882**	ug/L	0.731	1	4	50882	0	KED
>	**Tb**	**159**		ug/L			2638391	2254296	0	Standard
	Pb	**208**	**56.726**	ug/L	0.248	0	1025	6107727	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:50:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	22875	1	Standard
	Cl	**37**		ug/L			7930059	7543299	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1337011	0	Standard
|	**Na**	**23**	**0.081**	ug/L	0.022	27	36347	33220	1	Standard
|	**Mg**	**24**	**0.030**	ug/L	0.002	5	6644	6603	0	Standard
|	**Al**	**27**	**0.047**	ug/L	0.009	18	13638	12999	1	Standard
|	**K**	**39**	**3.648**	ug/L	0.453	12	1239868	1170480	1	Standard
|	**Ca**	**44**	**0.451**	ug/L	0.045	10	7270	6770	1	Standard
|	**Fe**	**54**	**0.146**	ug/L	0.389	266	107805	92880	1	Standard
|	**Fe**	**57**	**2.666**	ug/L	0.158	5	18409	18399	0	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	880	2213	1904	2	Standard
⌈>	**Ge**	**72**		ug/L			94306	75307	1	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.002	646	152	120	3	KED
|	**Cu**	**65**	**0.008**	ug/L	0.002	27	74	74	5	KED
|	**Zn**	**66**	**0.049**	ug/L	0.047	96	429	372	6	KED
⌊	**Zn**	**67**	**0.050**	ug/L	0.123	244	61	53	20	KED
	Y	**89**		ug/L			811854	675145	0	Standard
	Kr	**83**		ug/L			359	292	13	Standard
⌈>	**In-1**	**115**		ug/L			30232	24424	1	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.000	3	3	1		KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	76	4	4	22	KED
⌈>	**Tb**	**159**		ug/L			2638391	2236139	0	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.001	15	1025	1270	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-17
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:54:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	41993	0	Standard
	Cl	**37**		ug/L			7930059	6829983	1	Standard
>	**Sc**	**45**		ug/L			1558544	1234130	16	Standard
	Na	**23**	**581.699**	ug/L	106.377	18	36347	13287193	2	Standard
	Mg	**24**	**1641.778**	ug/L	278.942	16	6644	44346488	0	Standard
	Al	**27**	**1474.415**	ug/L	255.899	17	13638	36898234	0	Standard
	K	**39**	**636.188**	ug/L	113.098	17	1239868	17855292	1	Standard
	Ca	**44**	**9087.191**	ug/L	1519.360	16	7270	9755313	1	Standard
	Fe	**54**	**8932.930**	ug/L	1643.654	18	107805	22208106	1	Standard
	Fe	**57**	**9733.067**	ug/L	1565.720	16	18409	8646660	1	Standard
	Mn	**55**	**142.196**	ug/L	21.835	15	2213	5499782	2	Standard
>	**Ge**	**72**		ug/L			94306	73876	1	KED
	Cu	**63**	**9.291**	ug/L	0.257	2	152	35995	1	KED
	Cu	**65**	**9.363**	ug/L	0.017	0	74	18020	1	KED
	Zn	**66**	**106.743**	ug/L	1.968	1	429	62954	0	KED
	Zn	**67**	**99.697**	ug/L	2.235	2	61	9596	1	KED
	Y	**89**		ug/L			811854	680092	14	Standard
	Kr	**83**		ug/L			359	324	4	Standard
>	**In-1**	**115**		ug/L			30232	23130	1	KED
	Cd	**111**	**0.710**	ug/L	0.057	8	3	267	6	KED
	Cd	**114**	**0.707**	ug/L	0.034	4	4	688	4	KED
>	**Tb**	**159**		ug/L			2638391	2129706	9	Standard
	Pb	**208**	**0.003**	ug/L	0.002	50	1025	1170	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-26
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:58:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	42892	1	Standard
	Cl	**37**		ug/L			7930059	6984586	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1326653	1	Standard
|	**Na**	**23**	**274.428**	ug/L	3.206	1	36347	6888191	0	Standard
|	**Mg**	**24**	**590.750**	ug/L	9.898	1	6644	17473014	0	Standard
|	**Al**	**27**	**306.187**	ug/L	3.917	1	13638	8403503	2	Standard
|	**K**	**39**	**658.379**	ug/L	16.122	2	1239868	20186359	0	Standard
|	**Ca**	**44**	**4769.308**	ug/L	66.601	1	7270	5606635	0	Standard
|	**Fe**	**54**	**677.788**	ug/L	9.008	1	107805	1932319	0	Standard
|	**Fe**	**57**	**797.843**	ug/L	20.607	2	18409	789484	0	Standard
⌊	**Mn**	**55**	**153.879**	ug/L	2.653	1	2213	6503656	0	Standard
⌈>	**Ge**	**72**		ug/L			94306	75686	0	KED
|	**Cu**	**63**	**2.799**	ug/L	0.058	2	152	11196	1	KED
|	**Cu**	**65**	**2.821**	ug/L	0.041	1	74	5604	1	KED
|	**Zn**	**66**	**22.482**	ug/L	0.339	1	429	13858	0	KED
⌊	**Zn**	**67**	**21.210**	ug/L	0.295	1	61	2130	1	KED
	Y	**89**		ug/L			811854	684742	1	Standard
	Kr	**83**		ug/L			359	340	4	Standard
⌈>	**In-1**	**115**		ug/L			30232	23601	1	KED
|	**Cd**	**111**	**0.221**	ug/L	0.039	17	3	86	15	KED
⌊	**Cd**	**114**	**0.204**	ug/L	0.022	10	4	205	11	KED
⌈>	**Tb**	**159**		ug/L			2638391	2262816	0	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.001	9	1025	1492	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-27
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:02:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	44450	1	Standard
	Cl	**37**		ug/L			7930059	7052119	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1310873	1	Standard
|	**Na**	**23**	**257.217**	ug/L	2.647	1	36347	6382169	1	Standard
|	**Mg**	**24**	**548.500**	ug/L	2.778	0	6644	16032938	0	Standard
|	**Al**	**27**	**124.977**	ug/L	1.886	1	13638	3395366	0	Standard
|	**K**	**39**	**361.910**	ug/L	3.646	1	1239868	11436233	1	Standard
|	**Ca**	**44**	**4380.616**	ug/L	22.168	0	7270	5089460	0	Standard
|	**Fe**	**54**	**-0.022**	ug/L	0.307	1389	107805	90606	0	Standard
|	**Fe**	**57**	**8.325**	ug/L	0.728	8	18409	23459	2	Standard
⌊	**Mn**	**55**	**96.101**	ug/L	1.223	1	2213	4014588	1	Standard
⌈>	**Ge**	**72**		ug/L			94306	75145	0	KED
|	**Cu**	**63**	**1.464**	ug/L	0.024	1	152	5871	1	KED
|	**Cu**	**65**	**1.474**	ug/L	0.064	4	74	2936	3	KED
|	**Zn**	**66**	**25.472**	ug/L	0.404	1	429	15544	1	KED
⌊	**Zn**	**67**	**24.921**	ug/L	0.971	3	61	2477	3	KED
	Y	**89**		ug/L			811854	683462	0	Standard
	Kr	**83**		ug/L			359	307	7	Standard
⌈>	**In-1**	**115**		ug/L			30232	23883	1	KED
|	**Cd**	**111**	**0.268**	ug/L	0.025	9	3	106	9	KED
⌊	**Cd**	**114**	**0.262**	ug/L	0.022	8	4	265	8	KED
⌈>	**Tb**	**159**		ug/L			2638391	2263499	0	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	11	1025	633	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23RE1
Sample Dil Factor: 50
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:06:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	41842	1	Standard
	Cl	**37**		ug/L			7930059	7442086	0	Standard
>	**Sc**	**45**		ug/L			1558544	1319319	0	Standard
	Na	**23**	**77.455**	ug/L	0.873	1	36347	1955621	0	Standard
	Mg	**24**	**179.358**	ug/L	1.800	1	6644	5280300	0	Standard
	Al	**27**	**41.526**	ug/L	1.721	4	13638	1143061	3	Standard
	K	**39**	**127.320**	ug/L	2.600	2	1239868	4729541	1	Standard
	Ca	**44**	**1610.697**	ug/L	73.528	4	7270	1887569	4	Standard
	Fe	**54**	**-1.132**	ug/L	0.660	58	107805	88192	1	Standard
	Fe	**57**	**2.559**	ug/L	0.180	7	18409	18052	0	Standard
	Mn	**55**	**103.708**	ug/L	1.904	1	2213	4360042	1	Standard
>	**Ge**	**72**		ug/L			94306	76173	0	KED
	Cu	**63**	**0.739**	ug/L	0.026	3	152	3064	3	KED
	Cu	**65**	**0.767**	ug/L	0.041	5	74	1576	4	KED
	Zn	**66**	**11.373**	ug/L	0.224	1	429	7227	2	KED
	Zn	**67**	**10.639**	ug/L	0.330	3	61	1100	2	KED
	Y	**89**		ug/L			811854	668172	2	Standard
	Kr	**83**		ug/L			359	302	6	Standard
>	**In-1**	**115**		ug/L			30232	24329	1	KED
	Cd	**111**	**0.156**	ug/L	0.020	12	3	64	12	KED
	Cd	**114**	**0.161**	ug/L	0.001	0	4	168	1	KED
>	**Tb**	**159**		ug/L			2638391	2249504	0	Standard
	Pb	**208**	**-0.002**	ug/L	0.000	30	1025	699	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-43RE1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:09:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	41405	0	Standard
	Cl	**37**		ug/L			7930059	6794315	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1307804	0	Standard
⎢	**Na**	**23**	**443.461**	ug/L	4.943	1	36347	10955139	0	Standard
⎢	**Mg**	**24**	**1251.828**	ug/L	13.341	1	6644	36500482	1	Standard
⎢	**Al**	**27**	**6.116**	ug/L	0.048	0	13638	176658	0	Standard
⎢	**K**	**39**	**1898.487**	ug/L	42.977	2	1239868	55434614	1	Standard
⎢	**Ca**	**44**	**20971.027**	ug/L	192.583	0	7270	24284988	0	Standard
⎢	**Fe**	**54**	**16895.452**	ug/L	197.877	1	107805	45323485	0	Standard
⎢	**Fe**	**57**	**18616.997**	ug/L	275.031	1	18409	17820713	1	Standard
⎣	**Mn**	**55**	**129.889**	ug/L	0.885	0	2213	5413179	1	Standard
⎡>	**Ge**	**72**		ug/L			94306	71923	0	KED
⎢	**Cu**	**63**	**0.038**	ug/L	0.006	16	152	257	8	KED
⎢	**Cu**	**65**	**0.024**	ug/L	0.011	46	74	102	19	KED
⎢	**Zn**	**66**	**211.506**	ug/L	1.533	0	429	121143	0	KED
⎣	**Zn**	**67**	**198.024**	ug/L	1.052	0	61	18514	0	KED
	Y	**89**		ug/L			811854	659880	1	Standard
	Kr	**83**		ug/L			359	295	4	Standard
⎡>	**In-1**	**115**		ug/L			30232	22860	1	KED
⎢	**Cd**	**111**	**0.068**	ug/L	0.004	5	3	27	5	KED
⎣	**Cd**	**114**	**0.071**	ug/L	0.013	18	4	71	17	KED
⎡>	**Tb**	**159**		ug/L			2638391	2244337	0	Standard
⎣	**Pb**	**208**	**0.000**	ug/L	0.000	1326	1025	874	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:13:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	53987	0	Standard
	Cl	**37**		ug/L			7930059	7256189	0	Standard
>	**Sc**	**45**		ug/L			1558544	1535986	0	Standard
	Na	**23**	**168.964**	ug/L	1.376	0	36347	4924541	0	Standard
	Mg	**24**	**4254.461**	ug/L	39.336	0	6644	145677316	0	Standard
	Al	**27**	**12947.787**	ug/L	190.627	1	13638	410832348	1	Standard
	K	**39**	**682.803**	ug/L	9.404	1	1239868	24199057	1	Standard
	Ca	**44**	**3296.288**	ug/L	31.446	0	7270	4489394	1	Standard
	Fe	**54**	**15281.355**	ug/L	143.902	0	107805	48156928	0	Standard
	Fe	**57**	**16497.413**	ug/L	187.912	1	18409	18548240	0	Standard
	Mn	**55**	**356.584**	ug/L	3.183	0	2213	17449215	0	Standard
>	**Ge**	**72**		ug/L			94306	76578	0	KED
	Cu	**63**	**19.091**	ug/L	0.134	0	152	76559	0	KED
	Cu	**65**	**19.177**	ug/L	0.246	1	74	38190	0	KED
	Zn	**66**	**55.820**	ug/L	0.586	1	429	34297	0	KED
	Zn	**67**	**55.216**	ug/L	0.294	0	61	5532	0	KED
	Y	**89**		ug/L			811854	1028436	0	Standard
	Kr	**83**		ug/L			359	401	6	Standard
>	**In-1**	**115**		ug/L			30232	24050	1	KED
	Cd	**111**	**0.105**	ug/L	0.017	16	3	43	14	KED
	Cd	**114**	**0.107**	ug/L	0.011	10	4	110	11	KED
>	**Tb**	**159**		ug/L			2638391	2313920	0	Standard
	Pb	**208**	**13.724**	ug/L	0.059	0	1025	1517429	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:17:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	54113	1	Standard
	Cl	**37**		ug/L			7930059	7170166	1	Standard
>	**Sc**	**45**		ug/L			1558544	1488826	2	Standard
	Na	**23**	**186.158**	ug/L	1.510	0	36347	5254927	1	Standard
	Mg	**24**	**3519.034**	ug/L	40.788	1	6644	116816970	3	Standard
	Al	**27**	**11692.303**	ug/L	52.416	0	13638	359590533	2	Standard
	K	**39**	**667.531**	ug/L	2.941	0	1239868	22959386	2	Standard
	Ca	**44**	**3006.085**	ug/L	59.935	1	7270	3969449	3	Standard
	Fe	**54**	**13699.031**	ug/L	38.814	0	107805	41855064	2	Standard
	Fe	**57**	**14786.851**	ug/L	96.760	0	18409	16115119	1	Standard
	Mn	**55**	**231.913**	ug/L	0.304	0	2213	11001213	2	Standard
>	**Ge**	**72**		ug/L			94306	77425	1	KED
	Cu	**63**	**19.393**	ug/L	0.138	0	152	78631	0	KED
	Cu	**65**	**19.292**	ug/L	0.568	2	74	38838	2	KED
	Zn	**66**	**36.688**	ug/L	0.832	2	429	22909	1	KED
	Zn	**67**	**37.168**	ug/L	0.700	1	61	3781	0	KED
	Y	**89**		ug/L			811854	991584	1	Standard
	Kr	**83**		ug/L			359	384	3	Standard
>	**In-1**	**115**		ug/L			30232	23992	1	KED
	Cd	**111**	**0.086**	ug/L	0.013	15	3	36	13	KED
	Cd	**114**	**0.081**	ug/L	0.013	15	4	84	13	KED
>	**Tb**	**159**		ug/L			2638391	2300998	1	Standard
	Pb	**208**	**10.579**	ug/L	0.181	1	1025	1163285	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:22:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	54293	0	Standard
	Cl	37		ug/L			7930059	7111381	0	Standard
>	Sc	45		ug/L			1558544	1486348	0	Standard
	Na	23	178.843	ug/L	3.652	2	36347	5041577	1	Standard
	Mg	24	3343.193	ug/L	40.162	1	6644	110769032	0	Standard
	Al	27	11983.750	ug/L	19.957	0	13638	367962174	0	Standard
	K	39	656.023	ug/L	13.388	2	1239868	22542936	1	Standard
	Ca	44	2840.734	ug/L	50.841	1	7270	3744543	1	Standard
	Fe	54	12210.977	ug/L	177.676	1	107805	37255516	0	Standard
	Fe	57	13328.502	ug/L	57.798	0	18409	14504575	0	Standard
	Mn	55	226.111	ug/L	2.818	1	2213	10707166	0	Standard
>	Ge	72		ug/L			94306	77507	0	KED
	Cu	63	17.617	ug/L	0.212	1	152	71511	0	KED
	Cu	65	17.704	ug/L	0.178	1	74	35688	0	KED
	Zn	66	35.157	ug/L	0.510	1	429	21993	0	KED
	Zn	67	35.959	ug/L	1.006	2	61	3664	3	KED
	Y	89		ug/L			811854	957320	0	Standard
	Kr	83		ug/L			359	408	8	Standard
>	In-1	115		ug/L			30232	18373	49	KED
	Cd	111	0.154	ug/L	0.097	62	3	38	16	KED
	Cd	114	0.149	ug/L	0.113	75	4	88	7	KED
>	Tb	159		ug/L			2638391	2283816	0	Standard
	Pb	208	12.442	ug/L	0.167	1	1025	1357809	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLH
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:27:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24618	0	Standard
	Cl	**37**		ug/L			7930059	6738711	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1354838	1	Standard
⎢	**Na**	**23**	**-0.635**	ug/L	0.039	6	36347	15407	7	Standard
⎢	**Mg**	**24**	**0.494**	ug/L	0.635	128	6644	20830	93	Standard
⎢	**Al**	**27**	**1.325**	ug/L	2.129	160	13638	49402	122	Standard
⎢	**K**	**39**	**-1.670**	ug/L	0.718	42	1239868	1028079	0	Standard
⎢	**Ca**	**44**	**-1.536**	ug/L	0.768	49	7270	4484	21	Standard
⎢	**Fe**	**54**	**-0.687**	ug/L	2.509	365	107805	91863	8	Standard
⎢	**Fe**	**57**	**21.281**	ug/L	2.279	10	18409	37104	7	Standard
⎣	**Mn**	**55**	**0.005**	ug/L	0.043	843	2213	2160	88	Standard
⎡>	**Ge**	**72**		ug/L			94306	78255	1	KED
⎢	**Cu**	**63**	**-0.013**	ug/L	0.004	28	152	72	22	KED
⎢	**Cu**	**65**	**-0.012**	ug/L	0.003	24	74	38	15	KED
⎢	**Zn**	**66**	**-0.301**	ug/L	0.029	9	429	169	9	KED
⎣	**Zn**	**67**	**-0.322**	ug/L	0.044	13	61	18	23	KED
	Y	**89**		ug/L			811854	681409	2	Standard
	Kr	**83**		ug/L			359	299	4	Standard
⎡>	**In-1**	**115**		ug/L			30232	23971	2	KED
⎢	**Cd**	**111**	**0.004**	ug/L	0.007	200	3	4	66	KED
⎣	**Cd**	**114**	**-0.002**	ug/L	0.002	97	4	1	116	KED
⎡>	**Tb**	**159**		ug/L			2638391	2255676	1	Standard
⎣	**Pb**	**208**	**-0.000**	ug/L	0.002	846	1025	855	23	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:31:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23535	0	Standard
	Cl	**37**		ug/L			7930059	7378888	0	Standard
>	**Sc**	**45**		ug/L			1558544	1334565	0	Standard
	Na	**23**	**4133.052**	ug/L	54.547	1	36347	103930351	1	Standard
	Mg	**24**	**4520.352**	ug/L	34.084	0	6644	134482907	0	Standard
	Al	**27**	**4275.128**	ug/L	17.341	0	13638	117873271	1	Standard
	K	**39**	**4752.769**	ug/L	93.898	1	1239868	140018494	1	Standard
	Ca	**44**	**4699.354**	ug/L	78.740	1	7270	5557769	0	Standard
	Fe	**54**	**4580.280**	ug/L	37.120	0	107805	12606547	1	Standard
	Fe	**57**	**4898.144**	ug/L	29.960	0	18409	4796166	1	Standard
	Mn	**55**	**44.801**	ug/L	0.172	0	2213	1906518	1	Standard
>	**Ge**	**72**		ug/L			94306	76919	1	KED
	Cu	**63**	**49.452**	ug/L	0.424	0	152	198996	0	KED
	Cu	**65**	**49.697**	ug/L	0.716	1	74	99306	0	KED
	Zn	**66**	**50.327**	ug/L	0.516	1	429	31098	2	KED
	Zn	**67**	**50.333**	ug/L	1.504	2	61	5070	3	KED
	Y	**89**		ug/L			811854	677401	1	Standard
	Kr	**83**		ug/L			359	313	10	Standard
>	**In-1**	**115**		ug/L			30232	23684	1	KED
	Cd	**111**	**50.193**	ug/L	1.232	2	3	19199	0	KED
	Cd	**114**	**50.850**	ug/L	0.919	1	4	50506	0	KED
>	**Tb**	**159**		ug/L			2638391	2234137	1	Standard
	Pb	**208**	**55.199**	ug/L	0.298	0	1025	5890122	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:38:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23476	1	Standard
	Cl	**37**		ug/L			7930059	6973333	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1317202	3	Standard
|	**Na**	**23**	**0.302**	ug/L	0.285	94	36347	38226	19	Standard
|	**Mg**	**24**	**0.251**	ug/L	0.330	131	6644	13036	75	Standard
|	**Al**	**27**	**0.311**	ug/L	0.408	130	13638	20032	56	Standard
|	**K**	**39**	**0.765**	ug/L	1.024	133	1239868	1069329	0	Standard
|	**Ca**	**44**	**0.486**	ug/L	0.472	97	7270	6708	8	Standard
|	**Fe**	**54**	**0.588**	ug/L	0.972	165	107805	92653	1	Standard
|	**Fe**	**57**	**11.150**	ug/L	0.415	3	18409	26290	1	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.006	120	2213	2088	13	Standard
⌈>	**Ge**	**72**		ug/L			94306	75874	2	KED
|	**Cu**	**63**	**0.002**	ug/L	0.007	399	152	130	23	KED
|	**Cu**	**65**	**0.006**	ug/L	0.001	23	74	72	4	KED
|	**Zn**	**66**	**0.012**	ug/L	0.029	238	429	353	4	KED
⌊	**Zn**	**67**	**0.124**	ug/L	0.071	57	61	61	8	KED
	Y	**89**		ug/L			811854	650809	1	Standard
	Kr	**83**		ug/L			359	291	13	Standard
⌈>	**In-1**	**115**		ug/L			30232	24267	2	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.001	33	3	1	43	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.004	267	4	4	80	KED
⌈>	**Tb**	**159**		ug/L			2638391	2196293	1	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.003	53	1025	1504	22	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:41:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	40419	0	Standard
	Cl	**37**		ug/L			7930059	6945034	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1479177	0	Standard
⎢	**Na**	**23**	**-0.708**	ug/L	0.013	1	36347	14772	1	Standard
⎢	**Mg**	**24**	**-0.090**	ug/L	0.003	3	6644	3348	3	Standard
⎢	**Al**	**27**	**0.110**	ug/L	0.011	10	13638	16304	1	Standard
⎢	**K**	**39**	**-3.332**	ug/L	0.327	9	1239868	1068700	0	Standard
⎢	**Ca**	**44**	**-0.943**	ug/L	0.135	14	7270	5664	2	Standard
⎢	**Fe**	**54**	**73.161**	ug/L	2.334	3	107805	323810	1	Standard
⎢	**Fe**	**57**	**9.027**	ug/L	0.539	5	18409	27233	1	Standard
⎣	**Mn**	**55**	**-0.005**	ug/L	0.001	11	2213	1876	1	Standard
⎡>	**Ge**	**72**		ug/L			94306	79964	0	KED
⎢	**Cu**	**63**	**0.026**	ug/L	0.004	16	152	240	7	KED
⎢	**Cu**	**65**	**0.033**	ug/L	0.011	33	74	132	17	KED
⎢	**Zn**	**66**	**-0.231**	ug/L	0.042	18	429	217	12	KED
⎣	**Zn**	**67**	**-0.118**	ug/L	0.035	30	61	40	8	KED
	Y	**89**		ug/L			811854	728372	0	Standard
	Kr	**83**		ug/L			359	310	4	Standard
⎡>	**In-1**	**115**		ug/L			30232	25715	0	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.003	104	3	1	91	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.005	831	4	2	187	KED
⎡>	**Tb**	**159**		ug/L			2638391	2385715	0	Standard
⎣	**Pb**	**208**	**-0.003**	ug/L	0.000	8	1025	595	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:45:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	41794	1	Standard
	Cl	**37**		ug/L			7930059	7068489	1	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1478039	1	Standard
|	**Na**	**23**	**-0.720**	ug/L	0.004	0	36347	14433	1	Standard
|	**Mg**	**24**	**-0.091**	ug/L	0.002	2	6644	3303	1	Standard
|	**Al**	**27**	**0.126**	ug/L	0.010	8	13638	16771	1	Standard
|	**K**	**39**	**-2.669**	ug/L	0.203	7	1239868	1089458	1	Standard
|	**Ca**	**44**	**-0.872**	ug/L	0.048	5	7270	5753	1	Standard
|	**Fe**	**54**	**72.954**	ug/L	1.176	1	107805	323009	2	Standard
|	**Fe**	**57**	**11.395**	ug/L	0.248	2	18409	29776	1	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.001	13	2213	1771	3	Standard
⌈>	**Ge**	**72**		ug/L			94306	80817	1	KED
|	**Cu**	**63**	**0.029**	ug/L	0.001	4	152	252	3	KED
|	**Cu**	**65**	**0.033**	ug/L	0.016	47	74	133	25	KED
|	**Zn**	**66**	**-0.195**	ug/L	0.033	16	429	243	9	KED
⌊	**Zn**	**67**	**-0.129**	ug/L	0.138	106	61	39	37	KED
	Y	**89**		ug/L			811854	732188	0	Standard
	Kr	**83**		ug/L			359	330	1	Standard
⌈>	**In-1**	**115**		ug/L			30232	25229	1	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	165	3	2	49	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.001	38	4	0	205	KED
⌈>	**Tb**	**159**		ug/L			2638391	2341677	0	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	3	1025	565	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:49:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	44150	1	Standard
	Cl	**37**		ug/L			7930059	8552832	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	2118	15	Standard
|	**Na**	**23**	**387.773**	ug/L	47.529	12	36347	15329	4	Standard
|	**Mg**	**24**	**77.520**	ug/L	12.442	16	6644	3700	26	Standard
|	**Al**	**27**	**460.382**	ug/L	54.275	11	13638	19921	4	Standard
|	**K**	**39**	**28854.567**	ug/L	4997.207	17	1239868	1317137	0	Standard
|	**Ca**	**44**	**3990.669**	ug/L	442.072	11	7270	7469	17	Standard
|	**Fe**	**54**	**71976.078**	ug/L	11468.464	15	107805	307192	0	Standard
|	**Fe**	**57**	**24751.139**	ug/L	4194.760	16	18409	37704	0	Standard
⌊	**Mn**	**55**	**33.479**	ug/L	4.511	13	2213	2258	20	Standard
⌈>	**Ge**	**72**		ug/L			94306	175	21	KED
|	**Cu**	**63**	**62.382**	ug/L	12.143	19	152	559	5	KED
|	**Cu**	**65**	**62.323**	ug/L	15.232	24	74	275	6	KED
|	**Zn**	**66**	**226.472**	ug/L	56.425	24	429	306	5	KED
⌊	**Zn**	**67**	**244.753**	ug/L	51.592	21	61	54	11	KED
	Y	**89**		ug/L			811854	558	14	Standard
	Kr	**83**		ug/L			359	309	9	Standard
⌈>	**In-1**	**115**		ug/L			30232	28	35	KED
|	**Cd**	**111**	**5.405**	ug/L	2.808	51	3	2	24	KED
⌊	**Cd**	**114**	**2.849**	ug/L	0.740	25	4	3	52	KED
⌈>	**Tb**	**159**		ug/L			2638391	1706	34	Standard
⌊	**Pb**	**208**	**11.128**	ug/L	3.890	34	1025	835	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:53:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24470	2	Standard
	Cl	**37**		ug/L			7930059	8982284	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1181	4	Standard
|	**Na**	**23**	**549.896**	ug/L	26.835	4	36347	12246	1	Standard
|	**Mg**	**24**	**29.986**	ug/L	3.217	10	6644	792	6	Standard
|	**Al**	**27**	**156.386**	ug/L	9.398	6	13638	3822	5	Standard
|	**K**	**39**	**52882.019**	ug/L	2683.251	5	1239868	1367468	0	Standard
|	**Ca**	**44**	**3577.686**	ug/L	195.128	5	7270	3740	0	Standard
|	**Fe**	**54**	**16820.186**	ug/L	824.937	4	107805	40697	0	Standard
|	**Fe**	**57**	**45157.644**	ug/L	2228.249	4	18409	38965	0	Standard
⌊	**Mn**	**55**	**11.312**	ug/L	1.529	13	2213	425	9	Standard
⌈>	**Ge**	**72**		ug/L			94306	78	11	KED
|	**Cu**	**63**	**78.298**	ug/L	8.115	10	152	321	11	KED
|	**Cu**	**65**	**79.306**	ug/L	14.326	18	74	160	13	KED
|	**Zn**	**66**	**164.242**	ug/L	30.875	18	429	101	6	KED
⌊	**Zn**	**67**	**145.505**	ug/L	84.803	58	61	14	58	KED
	Y	**89**		ug/L			811854	280	6	Standard
	Kr	**83**		ug/L			359	267	3	Standard
⌈>	**In-1**	**115**		ug/L			30232	6	80	KED
|	**Cd**	**111**	**20.435**	ug/L	10.164	49	3	1	50	KED
⌊	**Cd**	**114**	**12.834**	ug/L	3.531	27	4	4	105	KED
⌈>	**Tb**	**159**		ug/L			2638391	863	5	Standard
⌊	**Pb**	**208**	**7.103**	ug/L	0.985	13	1025	292	10	Standard

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00082	Instrument:	ICPMS1
Calibration Date:	06/29/2021 16:38		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Manganese-55	0	0	0.5	49260	10	47550.3	20	47094	50	41238.44	100	39626.37

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00082	Instrument:	ICPMS1
Calibration Date:	06/29/2021 16:38		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Manganese-55	37461.52	50.0	0.9985		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/29/21 **Analyst:** MB **Sequence:** SJF0402 **Cal:** EF000BZ

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CAL1	J6715		
		-CAL2	J6763		
		-CAL3	J6764		
		-CAL4	J6765		
		-CAL5	J6716		
		-CAL6	J6766		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J6715		
		-CCV1	J6716		
		-CCB1	J6715		
		-CRL1	J6763		
		-IFA1	J5764		V-1, Cr^{53} ↑
		-IFB1	J5761		↓
		-HCV1	J6678		Ba^{137} ↓ - Ba <100
		-HCV2	J6294		Be, Ba^{137} ↓ - Be <200
		-IBL2	—		
		-IBL3	—		
		-CCV2			
		-CCB2			
	✓	-CAL1			
		-CCV3			
		-CCB3			
		BJF0756-BLK1	REN		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/29/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 6/29/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	BJF0756-BS1	REN		Mo %RT
		21F0338-01RE1		10	Mo only
		21F0370-01		5	
		BJF0756-DUP1			
		↓ -MS1	↓	↓	Cr, Fe %RT / As, Ca Mn, Na STL
		SEQ-IBL4			
		BJF0755-BLK1	REN		
		↓ -BS1			
		BJF0756-BS1	↓		(Mn OK)
	✓	SEQ-CCV4			Li, Sc, In, Tb / V, Cr52 noisy / Ag ↑
		-CCV4			
	✓	-CCB4			Missed Tube
		-CCB4			
	✓	-CAL1			Multiple analytes removed from method
		-CCV5			
		↓ -CCB5			
		BJF0783-BLK1	REN		
		↓ -BS1			
		21F0372-01			
		21F0237-01			
		-03			
		↓ -05			
		21F0414-01		2	
		21F0181-01	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/29/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted MS 6/29/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ181-Φ4	REN	2	
		SEQ-IBL5			
		-CCV6			
		-CCB6			
		21FΦ181-Φ5	REN	2	
		-Φ2		5	
		-Φ3		10	
		-Φ6		↓	
		21FΦ344-Φ1			Mn, Ni only
		BJFΦ657-DUP2			Ni: Sg, Drift, Recirc Matrix, MS - others OK
		-MS2			↓
		21FΦ314-Φ1	DW		Pb only
		SEQ-IBL6			
		-CCV7			
		-CCB7			
	✓	-CAL1			
		-CCV8			
		-CCB8			
		BJFΦ788-DUP2	~~DW~~ DW		Pb only
		-MS2	DW		0.060 mL I4680 ↓
		21FΦ346-Φ1	REN	5	As only
		-Φ2			↓
		-Φ3			
		-Φ5			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/29/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted. MS 6/29/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ245-Φ4	SWN	20	As, Cr only
		↓ -Φ5	↓	↓	↓
		↓ -Φ6	↓	↓	↓ +Cd
		SEQ-IBL7			
		↓ -CCV9			
		↓ -CCB9			
		21FΦ395-Φ1	REN		
		↓ -Φ2	↓		
		↓ -Φ3	↓		
		SEQ-IBL8			
		21FΦ238-Φ1	REN		
		↓ -Φ2	↓		Zn⁶⁶↑ No Zn
		↓ -Φ3	↓		
		↓ -Φ4	↓		
		21FΦ4ΦΦ-Φ1	↓		
		SEQ-IBL9			
		↓ -CCVA			
		↓ -CCBA			
		21FΦ334-Φ1	~~REN~~ DW		Pb only
		21FΦ4Φ6-Φ1	↓	↓	↓
		21FΦ123-23	REN	50	Mn only
		21FΦ13Φ-43	↓	20	↓
		21FΦ281-Φ1	↓		
		21FΦ3Φ9-Φ1	↓	2	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/29/21 **Analyst:** MS **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FØ31Ø-Ø1	REN	5	
		21FØ311-Ø1	↓		
		21FØ388-Ø1	↓		
		SEQ-IBLA			
		-CCVB			
		-CCBB			
	✓	-CAL1			
		-CCVC			
		-CCBC			Gesh noisy-GR +Analytes OK
		BJFØ779-BLK1	REN		
		-BS1	↓		
		BJFØ78Ø-BLK1	↓		
		-BS1	↓		
		21FØ19Ø-Ø1	↓		
		-Ø2	↓		
		-Ø3	↓		
		-Ø4	↓		
		-Ø5	↓		
		SEQ-IBLB			
		-CCVD			
		-CCBD			
		21FØ19Ø-Ø6	REN		
		-Ø7	↓		
		-Ø8	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/29/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21F0190-10	REN		
		-12			
		-09			
		BJF0780-DUP1			
		-MS1			
		-MSD1			
		SEQ-IBLC			
		-CCVE			
		-CCBE			
		21F0190-13	REN		
		-14			
		-15			
		-16			
		-17			
		-11			
		BJF0779-DUP1			
		-MS1			
		-MSD1			
		SEQ-IBLD			
		-CCVF			
		-CCBF			
		21F0190-18	REN		
		-19			
	✓	-20			Zn↑

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/29/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLE			
		↓ -CCVG			
		↓ -CCBG			
		Rinse/DI			

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Tuesday, June 29, 2021 15:50:53
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11079
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9469.9	9469.938	81.724	0.9	Standard
	In	114.9	118035.9	118035.923	959.267	0.8	Standard
	U	238.1	172584.7	172584.689	1436.816	0.8	Standard
⎡	CeO	155.9	2443.3	0.018	0.000	2.1	Standard
⎢>	Ce	139.9	138596.0	138595.951	870.917	0.6	Standard
⎣	Ce++	70.0	1894.6	0.014	0.000	2.3	Standard
	Bkgd	220.0	1.8	1.833	2.214	120.8	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/29/2021 3:50:49 PM
End Time: 6/29/2021 3:59:50 PM

STD Performance Check - [Passed] Optimum value(s): N/A
- Obtained Intensity (Be 9): 9469.94
- Obtained Intensity (In 115): 118035.92
- Obtained Intensity (U 238): 172584.69
- Obtained Intensity (Bkgd 220): 1.83
- Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=1894.59 / 138595.95)
- Obtained Formula (CeO 156 / Ce 140): 0.018 (=2443.34 / 138595.95)
- Obtained RSD (Be 9): 0.0086
- Obtained RSD (In 115): 0.0081
- Obtained RSD (U 238): 0.0083

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.58 mm	-0.48 mm	151563.76

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.965
- Obtained Intensity (In 115): 160050.57
- Obtained Formula (CeO 156 / Ce 140): 0.0220 (=3741.49 / 170361.79)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
- Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.700)
- Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.713)
- Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
- Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.725)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -14.01

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.06

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/29/2021 3:50:49 PM

STD Performance Check
- Optimization Settings:
  - Method: STD Performance Check.mth.
  - Intensity Criterion: Be 9 > 2000
  - Intensity Criterion: In 115 > 40000
  - Intensity Criterion: U 238 > 30000
  - Intensity Criterion: Bkgd 220 <= 5
  - Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
  - Formula Criterion: CeO 156 / Ce 140 <= 0.025
  - RSD Criterion: Be 9.0122 < 0.05
  - RSD Criterion: In 114.904 < 0.05
  - RSD Criterion: U 238.05 < 0.05
- Optimization Results:
- Initial Try
  - Obtained Intensity (Be 9): 9469.94
  - Obtained Intensity (In 115): 118035.92
  - Obtained Intensity (U 238): 172584.69
  - Obtained Intensity (Bkgd 220): 1.83
  - Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=1894.59 / 138595.95)
  - Obtained Formula (CeO 156 / Ce 140): 0.018 (=2443.34 / 138595.95)
  - Obtained RSD (Be 9): 0.0086
  - Obtained RSD (In 115): 0.0081
  - Obtained RSD (U 238): 0.0083

[Passed] Optimum value(s): N/A

Torch Alignment
- Optimization Settings:
  - Method: Torch Alignment.mth.
  - Intensity Criterion: In 115 Maximum
- Optimization Results:

	Vertical	Horizontal	Intensity
[Passed]	2.58 mm	-0.48 mm	151563.76

Nebulizer Gas Flow STD/KED [NEB]
- Optimization Settings:
  - Method: Optimize.mth.
    - Initial Try - Start/End/Step: 0.95/0.99/0.005.
  - Intensity Criterion: In 115 Maximum
  - Formula Criterion: CeO 156 / Ce 140 <= 0.023
- Optimization Results:
- Initial Try
  - Obtained Intensity (In 115): 160050.57
  - Obtained Formula (CeO 156 / Ce 140): 0.0220 (=3741.49 / 170361.79)

[Passed] Optimum value(s): 0.965

Mass Calibration and Resolution
Optimization Settings:
Method: Tuning.mth.
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Iterations: 6
Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
Peak height (%) for Res. Opt.: 10

Optimization Results:
Initial Try
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.700)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.713)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.725)
[Passed] Optimum value(s): N/A

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.999; Intercept = -14.01

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	41957.5
Mg	24	41	-14	56302.7
In	115	41	-12.5	161415
Ce	140	41	-12	168941
Pb	208	41	-10.5	109708
U	238	41	-10.5	215201

KED Mode QID
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.06

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	28688.8
Mg	24	41	-14	51516.7
In	115	41	-11	138985
Ce	140	41	-11	126046
Pb	208	41	-10	70586
U	238	41	-10	149336

End Time: 6/29/2021 3:59:50 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/29/2021 3:59:53 PM
End Time: 6/29/2021 4:01:09 PM

KED Mode QID - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -15.00

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/29/2021 3:59:53 PM

KED Mode QID

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -15.00

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14.5	30376.3
Mg	24	41	-13.5	54086.2
In	115	41	-11.5	144826
Ce	140	41	-11	131470
Pb	208	41	-10	71024.1
U	238	41	-10	151778

End Time: 6/29/2021 4:01:09 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Tuesday, June 29, 2021 16:17:33
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11088
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	11677.9	11677.905	121.260	1.0	Standard
	In	114.9	146624.5	146624.496	1727.237	1.2	Standard
	U	238.1	205664.0	205663.960	2623.132	1.3	Standard
⌈	CeO	155.9	3509.1	0.022	0.000	1.1	Standard
| >	Ce	139.9	158673.6	158673.564	963.346	0.6	Standard
⌊	Ce++	70.0	2230.9	0.014	0.000	1.3	Standard
	Bkgd	220.0	0.3	0.300	0.217	72.4	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/29/2021 4:17:32 PM
End Time: 6/29/2021 4:19:37 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 11677.90
Obtained Intensity (In 115): 146624.50
Obtained Intensity (U 238): 205663.96
Obtained Intensity (Bkgd 220): 0.30
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=2230.91 / 158673.56)
Obtained Formula (CeO 156 / Ce 140): 0.022 (=3509.10 / 158673.56)
Obtained RSD (Be 9): 0.0104
Obtained RSD (In 115): 0.0118
Obtained RSD (U 238): 0.0128

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/29/2021 4:17:32 PM

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11677.90
Obtained Intensity (In 115): 146624.50
Obtained Intensity (U 238): 205663.96
Obtained Intensity (Bkgd 220): 0.30
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=2230.91 / 158673.56)
Obtained Formula (CeO 156 / Ce 140): 0.022 (=3509.10 / 158673.56)
Obtained RSD (Be 9): 0.0104
Obtained RSD (In 115): 0.0118
Obtained RSD (U 238): 0.0128

[Passed] Optimum value(s): N/A

End Time: 6/29/2021 4:19:37 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 16:38:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L				1577497	3	Standard
	Be	9		ug/L				1	100	Standard
	C	13		ug/L				24287	1	Standard
	Cl	37		ug/L				6772126	0	Standard
>	Sc	45		ug/L				1631150	0	Standard
	Na	23		ug/L				26822	0	Standard
	Mg	24		ug/L				2570	1	Standard
	Al	27		ug/L				8590	1	Standard
	K	39		ug/L				1089903	1	Standard
	Ca	44		ug/L				9123	1	Standard
	V	51		ug/L				6850	1	Standard
	V-1	51		ug/L				240	7	Standard
	Cr	52		ug/L				20026	0	Standard
	Cr	53		ug/L				149	10	Standard
	Fe	54		ug/L				99289	1	Standard
	Fe	57		ug/L				19384	2	Standard
	Mn	55		ug/L				756	7	Standard
>	Ge	72		ug/L				108760	0	KED
	Co	59		ug/L				4	65	KED
	Ni	60		ug/L				16	40	KED
	Ni	62		ug/L				7	50	KED
	Cu	63		ug/L				97	7	KED
	Cu	65		ug/L				52	27	KED
	Zn	66		ug/L				226	17	KED
	Zn	67		ug/L				33	58	KED
	As	75		ug/L				2	44	KED
	Se	78		ug/L				13	10	KED
	Y	89		ug/L				860263	1	Standard
	Kr	83		ug/L				347	9	Standard
>	In-1	115		ug/L				31574	1	KED
	Mo	98		ug/L				3	29	KED
	Cd	111		ug/L				2	21	KED
	Cd	114		ug/L				1	108	KED
>	In	115		ug/L				1670724	1	Standard
	Ag	107		ug/L				46	35	Standard
	Ba	135		ug/L				38	10	Standard
	Ba	137		ug/L				46	32	Standard
>	Tb	159		ug/L				2614669	1	Standard
	Tl	205		ug/L				45	8	Standard
	Pb	208		ug/L				328	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 16:43:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1614653	1	Standard
⌊	**Be**	**9**	**0.200**	ug/L	0.004	1	1	1772	3	Standard
	C	**13**		ug/L			24287	30766	1	Standard
	Cl	**37**		ug/L			6772126	6797589	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1644834	0	Standard
⌈	**Na**	**23**	**100.000**	ug/L	0.545	0	26822	2442727	0	Standard
⌈	**Mg**	**24**	**20.000**	ug/L	0.342	1	2570	672323	2	Standard
⌈	**Al**	**27**	**20.000**	ug/L	0.103	0	8590	627858	0	Standard
⌈	**K**	**39**	**20.000**	ug/L	0.505	2	1089903	1832175	1	Standard
⌈	**Ca**	**44**	**50.000**	ug/L	0.405	0	9123	79841	1	Standard
⌈	**V**	**51**	**0.200**	ug/L	0.006	3	6850	13549	1	Standard
⌈	**V-1**	**51**	**0.200**	ug/L	0.000	0	240	7125	0	Standard
⌈	**Cr**	**52**	**0.500**	ug/L	0.017	3	20026	35381	1	Standard
⌈	**Cr**	**53**	**0.500**	ug/L	0.021	4	149	1943	3	Standard
⌈	**Fe**	**54**	**36.000**	ug/L	0.149	0	99289	214885	0	Standard
⌈	**Fe**	**57**	**36.000**	ug/L	0.288	0	19384	62540	0	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.003	0	756	24630	0	Standard
⌈>	**Ge**	**72**		ug/L			108760	109340	0	KED
⌈	**Co**	**59**	**0.200**	ug/L	0.006	2	4	1248	2	KED
⌈	**Ni**	**60**	**0.500**	ug/L	0.025	4	16	968	5	KED
⌈	**Ni**	**62**	**0.500**	ug/L	0.059	11	7	156	10	KED
⌈	**Cu**	**63**	**0.500**	ug/L	0.010	2	97	2765	1	KED
⌈	**Cu**	**65**	**0.500**	ug/L	0.015	3	52	1410	3	KED
⌈	**Zn**	**66**	**6.000**	ug/L	0.112	1	226	5266	1	KED
⌈	**Zn**	**67**	**6.000**	ug/L	0.237	3	33	836	3	KED
⌈	**As**	**75**	**0.200**	ug/L	0.021	10	2	72	9	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.126	25	13	30	13	KED
	Y	**89**		ug/L			860263	864012	0	Standard
	Kr	**83**		ug/L			347	358	12	Standard
⌈>	**In-1**	**115**		ug/L			31574	31678	0	KED
⌈	**Mo**	**98**	**0.200**	ug/L	0.023	11	3	395	11	KED
⌈	**Cd**	**111**	**0.100**	ug/L	0.020	19	2	50	19	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.018	18	1	116	17	KED
⌈>	**In**	**115**		ug/L			1670724	1653568	0	Standard
⌈	**Ag**	**107**	**0.200**	ug/L	0.005	2	46	4526	2	Standard
⌈	**Ba**	**135**	**0.500**	ug/L	0.011	2	38	4094	1	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.004	0	46	7255	1	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2669275	0	Standard
⌈	**Tl**	**205**	**0.200**	ug/L	0.002	1	45	20223	1	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.001	1	328	15849	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 16:48:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1577497	1616723	1	Standard
	Be	**9**	**10.000**	ug/L	0.016	0	1	89285	1	Standard
	C	**13**		ug/L			24287	42975	0	Standard
	Cl	**37**		ug/L			6772126	7280843	0	Standard
>	**Sc**	**45**		ug/L			1631150	1673581	1	Standard
	Na	**23**	**1000.026**	ug/L	14.940	1	26822	24667981	0	Standard
	Mg	**24**	**999.960**	ug/L	20.545	2	2570	30996801	0	Standard
	Al	**27**	**999.957**	ug/L	16.208	1	8590	28430498	1	Standard
	K	**39**	**999.951**	ug/L	10.325	1	1089903	34319626	2	Standard
	Ca	**44**	**999.935**	ug/L	33.492	3	9123	1409755	1	Standard
	V	**51**	**10.000**	ug/L	0.139	1	6850	355189	0	Standard
	V-1	**51**	**10.000**	ug/L	0.117	1	240	352119	0	Standard
	Cr	**52**	**10.000**	ug/L	0.213	2	20026	325409	0	Standard
	Cr	**53**	**9.999**	ug/L	0.147	1	149	35789	0	Standard
	Fe	**54**	**999.822**	ug/L	12.455	1	99289	2952502	0	Standard
	Fe	**57**	**999.931**	ug/L	3.914	0	19384	1173501	1	Standard
	Mn	**55**	**9.999**	ug/L	0.183	1	756	475503	0	Standard
>	**Ge**	**72**		ug/L			108760	109645	1	KED
	Co	**59**	**10.000**	ug/L	0.073	0	4	64452	0	KED
	Ni	**60**	**9.999**	ug/L	0.245	2	16	18278	1	KED
	Ni	**62**	**10.000**	ug/L	0.132	1	7	2985	2	KED
	Cu	**63**	**10.000**	ug/L	0.175	1	97	53191	0	KED
	Cu	**65**	**9.999**	ug/L	0.194	1	52	26649	1	KED
	Zn	**66**	**9.906**	ug/L	0.299	3	226	8357	1	KED
	Zn	**67**	**10.019**	ug/L	0.484	4	33	1386	5	KED
	As	**75**	**10.000**	ug/L	0.035	0	2	3704	1	KED
	Se	**78**	**10.007**	ug/L	0.212	2	13	474	1	KED
	Y	**89**		ug/L			860263	872169	0	Standard
	Kr	**83**		ug/L			347	360	7	Standard
>	**In-1**	**115**		ug/L			31574	31706	1	KED
	Mo	**98**	**10.000**	ug/L	0.187	1	3	18658	0	KED
	Cd	**111**	**10.000**	ug/L	0.128	1	2	4590	0	KED
	Cd	**114**	**10.000**	ug/L	0.104	1	1	11743	0	KED
>	**In**	**115**		ug/L			1670724	1683802	0	Standard
	Ag	**107**	**10.000**	ug/L	0.182	1	46	230027	1	Standard
	Ba	**135**	**10.000**	ug/L	0.119	1	38	82628	0	Standard
	Ba	**137**	**9.999**	ug/L	0.060	0	46	143402	1	Standard
>	**Tb**	**159**		ug/L			2614669	2698060	1	Standard
	Tl	**205**	**10.000**	ug/L	0.063	0	45	1041892	1	Standard
	Pb	**208**	**10.000**	ug/L	0.138	1	328	1387119	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 16:53:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1577497	1634219	2	Standard
	Be	**9**	**20.009**	ug/L	0.454	2	1	180858	0	Standard
	C	**13**		ug/L			24287	42230	1	Standard
	Cl	**37**		ug/L			6772126	7467058	0	Standard
>	**Sc**	**45**		ug/L			1631150	1662840	2	Standard
	Na	**23**	**1995.632**	ug/L	38.435	1	26822	48460581	0	Standard
	Mg	**24**	**1988.902**	ug/L	31.453	1	2570	59925873	0	Standard
	Al	**27**	**2002.256**	ug/L	34.854	1	8590	56810321	2	Standard
	K	**39**	**2005.109**	ug/L	17.434	0	1089903	67938566	2	Standard
	Ca	**44**	**1963.534**	ug/L	48.420	2	9123	2556413	0	Standard
	V	**51**	**19.960**	ug/L	0.141	0	6850	692082	1	Standard
	V-1	**51**	**19.957**	ug/L	0.147	0	240	692011	1	Standard
	Cr	**52**	**20.016**	ug/L	0.244	1	20026	628792	1	Standard
	Cr	**53**	**20.003**	ug/L	0.328	1	149	71030	1	Standard
	Fe	**54**	**1997.019**	ug/L	31.615	1	99289	5724823	1	Standard
	Fe	**57**	**1970.618**	ug/L	18.753	0	19384	2153310	1	Standard
	Mn	**55**	**19.990**	ug/L	0.408	2	756	941880	1	Standard
>	**Ge**	**72**		ug/L			108760	107182	1	KED
	Co	**59**	**19.951**	ug/L	0.231	1	4	124456	0	KED
	Ni	**60**	**19.989**	ug/L	0.595	2	16	35629	2	KED
	Ni	**62**	**19.894**	ug/L	0.180	0	7	5677	1	KED
	Cu	**63**	**19.940**	ug/L	0.106	0	97	102373	1	KED
	Cu	**65**	**19.946**	ug/L	0.341	1	52	51363	1	KED
	Zn	**66**	**20.172**	ug/L	0.387	1	226	16825	0	KED
	Zn	**67**	**19.894**	ug/L	0.574	2	33	2616	1	KED
	As	**75**	**20.056**	ug/L	0.159	0	2	7341	0	KED
	Se	**78**	**19.880**	ug/L	0.147	0	13	886	1	KED
	Y	**89**		ug/L			860263	871181	1	Standard
	Kr	**83**		ug/L			347	347	3	Standard
>	**In-1**	**115**		ug/L			31574	31305	0	KED
	Mo	**98**	**19.990**	ug/L	0.341	1	3	36751	0	KED
	Cd	**111**	**19.995**	ug/L	0.313	1	2	9050	0	KED
	Cd	**114**	**20.016**	ug/L	0.118	0	1	23283	0	KED
>	**In**	**115**		ug/L			1670724	1674532	0	Standard
	Ag	**107**	**20.073**	ug/L	0.275	1	46	465960	1	Standard
	Ba	**135**	**19.994**	ug/L	0.218	1	38	164084	1	Standard
	Ba	**137**	**20.011**	ug/L	0.118	0	46	285940	0	Standard
>	**Tb**	**159**		ug/L			2614669	2708949	0	Standard
	Tl	**205**	**19.624**	ug/L	0.090	0	45	1909143	1	Standard
	Pb	**208**	**19.974**	ug/L	0.168	0	328	2767277	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 16:58:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1577497	1588214	0	Standard
	Be	9	49.904	ug/L	1.013	2	1	434256	1	Standard
	C	13		ug/L			24287	29277	3	Standard
	Cl	37		ug/L			6772126	7581990	0	Standard
>	Sc	45		ug/L			1631150	1603271	0	Standard
	Na	23	5008.141	ug/L	8.456	0	26822	118207604	0	Standard
	Mg	24	5005.388	ug/L	65.150	1	2570	146217880	0	Standard
	Al	27	4997.395	ug/L	8.496	0	8590	136358647	0	Standard
	K	39	5007.339	ug/L	60.293	1	1089903	163164682	0	Standard
	Ca	44	4977.416	ug/L	28.622	0	9123	6099013	0	Standard
	V	51	50.208	ug/L	0.311	0	6850	1703756	0	Standard
	V-1	51	50.233	ug/L	0.578	1	240	1719203	0	Standard
	Cr	52	50.010	ug/L	0.937	1	20026	1486919	2	Standard
	Cr	53	50.095	ug/L	0.632	1	149	172961	0	Standard
	Fe	54	5000.587	ug/L	74.223	1	99289	13684206	0	Standard
	Fe	57	4981.080	ug/L	58.751	1	19384	5122366	0	Standard
	Mn	55	49.170	ug/L	0.701	1	756	2061922	1	Standard
>	Ge	72		ug/L			108760	101423	0	KED
	Co	59	50.123	ug/L	0.616	1	4	299586	1	KED
	Ni	60	50.068	ug/L	0.037	0	16	85013	0	KED
	Ni	62	50.265	ug/L	0.849	1	7	13931	1	KED
	Cu	63	49.959	ug/L	0.455	0	97	241583	0	KED
	Cu	65	50.061	ug/L	0.596	1	52	122669	0	KED
	Zn	66	49.766	ug/L	0.240	0	226	38150	0	KED
	Zn	67	49.976	ug/L	0.863	1	33	6160	1	KED
	As	75	50.116	ug/L	0.382	0	2	17559	0	KED
	Se	78	50.175	ug/L	0.566	1	13	2134	0	KED
	Y	89		ug/L			860263	846361	1	Standard
	Kr	83		ug/L			347	403	20	Standard
>	In-1	115		ug/L			31574	29797	0	KED
	Mo	98	50.208	ug/L	0.148	0	3	89733	0	KED
	Cd	111	49.972	ug/L	0.089	0	2	21470	0	KED
	Cd	114	50.007	ug/L	0.397	0	1	55407	0	KED
>	In	115		ug/L			1670724	1623971	3	Standard
	Ag	107	49.841	ug/L	0.699	1	46	1104125	2	Standard
	Ba	135	49.975	ug/L	1.438	2	38	396431	0	Standard
	Ba	137	50.129	ug/L	0.772	1	46	703484	1	Standard
>	Tb	159		ug/L			2614669	2638076	1	Standard
	Tl	205	49.693	ug/L	0.343	0	45	4567135	0	Standard
	Pb	208	49.471	ug/L	0.680	1	328	6338288	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 17:05:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1577497	1493324	0	Standard
	Be	9	100.689	ug/L	1.029	1	1	843332	1	Standard
	C	13		ug/L			24287	36288	0	Standard
	Cl	37		ug/L			6772126	7656852	0	Standard
>	Sc	45		ug/L			1631150	1555466	0	Standard
	Na	23	10034.265	ug/L	24.966	0	26822	232407125	0	Standard
	Mg	24	9960.758	ug/L	83.862	0	2570	278663915	0	Standard
	Al	27	10038.052	ug/L	182.592	1	8590	269126734	1	Standard
	K	39	9984.863	ug/L	207.150	2	1089903	313063881	2	Standard
	Ca	44	9943.368	ug/L	112.719	1	9123	11593644	1	Standard
	V	51	96.985	ug/L	0.457	0	6850	2896487	0	Standard
	V-1	51	97.631	ug/L	0.746	0	240	3004359	0	Standard
	Cr	52	98.056	ug/L	1.199	1	20026	2640270	1	Standard
	Cr	53	99.862	ug/L	1.429	1	149	332847	1	Standard
	Fe	54	9998.591	ug/L	117.995	1	99289	26439471	0	Standard
	Fe	57	9987.635	ug/L	199.257	1	19384	9905509	1	Standard
	Mn	55	99.391	ug/L	1.452	1	756	3962637	1	Standard
>	Ge	72		ug/L			108760	98811	1	KED
	Co	59	100.334	ug/L	0.428	0	4	590818	0	KED
	Ni	60	100.067	ug/L	1.034	1	16	165900	2	KED
	Ni	62	99.593	ug/L	1.065	1	7	26525	1	KED
	Cu	63	99.792	ug/L	1.281	1	97	466764	0	KED
	Cu	65	99.621	ug/L	0.213	0	52	234817	1	KED
	Zn	66	99.659	ug/L	0.354	0	226	73403	1	KED
	Zn	67	99.805	ug/L	1.335	1	33	11880	2	KED
	As	75	100.118	ug/L	0.332	0	2	34308	0	KED
	Se	78	99.846	ug/L	1.531	1	13	4105	2	KED
	Y	89		ug/L			860263	814086	0	Standard
	Kr	83		ug/L			347	346	13	Standard
>	In-1	115		ug/L			31574	28647	2	KED
	Mo	98	100.722	ug/L	3.691	3	3	177225	1	KED
	Cd	111	99.972	ug/L	2.386	2	2	41237	0	KED
	Cd	114	100.242	ug/L	2.522	2	1	107604	0	KED
>	In	115		ug/L			1670724	1568214	2	Standard
	Ag	107	97.527	ug/L	2.691	2	46	1926949	0	Standard
	Ba	135	100.605	ug/L	1.342	1	38	786790	1	Standard
	Ba	137	100.421	ug/L	2.656	2	46	1380044	1	Standard
>	Tb	159		ug/L			2614669	2586965	0	Standard
	Tl	205	99.654	ug/L	0.922	0	45	8879284	0	Standard
	Pb	208	98.162	ug/L	0.945	0	328	11621016	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 17:12:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1586105	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	31	1	8	24	Standard
	C	**13**		ug/L			24287	23818	1	Standard
	Cl	**37**		ug/L			6772126	7159363	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1582639	1	Standard
⌈	**Na**	**23**	**0.194**	ug/L	0.023	12	26822	30588	0	Standard
⌊	**Mg**	**24**	**0.033**	ug/L	0.001	3	2570	3435	2	Standard
⌈	**Al**	**27**	**0.435**	ug/L	0.015	3	8590	20186	0	Standard
⌊	**K**	**39**	**3.650**	ug/L	0.223	6	1089903	1173512	1	Standard
⌈	**Ca**	**44**	**-0.444**	ug/L	0.055	12	9123	8324	0	Standard
⌊	**V**	**51**	**-0.013**	ug/L	0.002	17	6850	6239	0	Standard
⌈	**V-1**	**51**	**0.000**	ug/L	0.000	170	240	240	5	Standard
⌊	**Cr**	**52**	**-0.041**	ug/L	0.006	14	20026	18310	0	Standard
⌈	**Cr**	**53**	**0.002**	ug/L	0.002	115	149	150	5	Standard
⌊	**Fe**	**54**	**0.056**	ug/L	0.033	58	99289	96486	1	Standard
⌈	**Fe**	**57**	**1.164**	ug/L	0.364	31	19384	19980	2	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	158	756	756	3	Standard
⌈>	**Ge**	**72**		ug/L			108760	100842	4	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	218	4	3	69	KED
⌊	**Ni**	**60**	**-0.000**	ug/L	0.002	509	16	14	27	KED
⌈	**Ni**	**62**	**-0.017**	ug/L	0.010	61	7	2	114	KED
⌊	**Cu**	**63**	**0.007**	ug/L	0.001	10	97	123	5	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.001	49	52	55	5	KED
⌊	**Zn**	**66**	**0.161**	ug/L	0.012	7	226	330	6	KED
⌈	**Zn**	**67**	**0.094**	ug/L	0.051	54	33	42	13	KED
⌊	**As**	**75**	**0.011**	ug/L	0.002	17	2	6	14	KED
⌊	**Se**	**78**	**0.013**	ug/L	0.048	378	13	13	12	KED
	Y	**89**		ug/L			860263	824565	1	Standard
	Kr	**83**		ug/L			347	337	9	Standard
⌈>	**In-1**	**115**		ug/L			31574	30000	2	KED
⌈	**Mo**	**98**	**0.058**	ug/L	0.007	12	3	111	13	KED
⌊	**Cd**	**111**	**0.005**	ug/L	0.005	115	2	4	53	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.000	11341	1	1	6	KED
⌈>	**In**	**115**		ug/L			1670724	1588509	0	Standard
⌈	**Ag**	**107**	**0.005**	ug/L	0.001	11	46	137	7	Standard
⌊	**Ba**	**135**	**-0.001**	ug/L	0.002	315	38	32	44	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	177	46	52	27	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2532644	0	Standard
⌈	**Tl**	**205**	**0.007**	ug/L	0.000	3	45	660	3	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	19	328	591	9	Standard

Sample Information

Sample Date/Time: Tuesday, June 29, 2021 17:05:20
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

Calibration

Analyte	Mass	r Corr Coef	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**0.9999**	0.006	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
Na	23	**1.0000**	0.015	100.00	1000	2000	5000	10000
Mg	24	**1.0000**	0.018	20.00	1000	2000	5000	10000
Al	27	**1.0000**	0.017	20.00	1000	2000	5000	10000
K	39	**1.0000**	0.020	20.00	1000	2000	5000	10000
Ca	44	**0.9999**	0.001	50.00	1000	2000	5000	10000
V	51	**0.9985**	0.019	0.20	10	20	50	100
V-1	51	**0.9991**	0.020	0.20	10	20	50	100
Cr	52	**0.9994**	0.017	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Fe	54	**1.0000**	0.002	36.00	1000	2000	5000	10000
Fe	57	**1.0000**	0.001	36.00	1000	2000	5000	10000
Mn	55	**0.9998**	0.026	0.50	10	20	50	100
Ge	72							
Co	59	**1.0000**	0.060	0.20	10	20	50	100
Ni	60	**1.0000**	0.017	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.047	0.50	10	20	50	100
Cu	65	**1.0000**	0.024	0.50	10	20	50	100
Zn	66	**1.0000**	0.007	6.00	10	20	50	100
Zn	67	**1.0000**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.003	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**0.9999**	0.061	0.20	10	20	50	100
Cd	111	**1.0000**	0.014	0.10	10	20	50	100
Cd	114	**1.0000**	0.037	0.10	10	20	50	100
In	115							
Ag	107	**0.9990**	0.013	0.20	10	20	50	100
Ba	135	**0.9999**	0.005	0.50	10	20	50	100
Ba	137	**1.0000**	0.009	0.50	10	20	50	100
Tb	159							
Tl	205	**0.9999**	0.034	0.20	10	20	50	100
Pb	208	**0.9994**	0.046	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 17:24:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1561042	1	Standard
⌊	**Be**	**9**	**48.413**	ug/L	1.355	2	1	423743	1	Standard
	C	**13**		ug/L			24287	28953	1	Standard
	Cl	**37**		ug/L			6772126	7669484	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1636320	1	Standard
⌈	**Na**	**23**	**4776.546**	ug/L	67.600	1	26822	116382845	0	Standard
⌈	**Mg**	**24**	**4891.867**	ug/L	66.554	1	2570	143954477	0	Standard
⌈	**Al**	**27**	**4755.816**	ug/L	123.932	2	8590	134114548	1	Standard
⌈	**K**	**39**	**4822.299**	ug/L	62.527	1	1089903	159620072	1	Standard
⌈	**Ca**	**44**	**4947.380**	ug/L	55.769	1	9123	6072381	1	Standard
⌈	**V**	**51**	**53.009**	ug/L	0.741	1	6850	1668474	1	Standard
⌈	**V-1**	**51**	**51.832**	ug/L	0.704	1	240	1677979	1	Standard
⌈	**Cr**	**52**	**51.774**	ug/L	0.804	1	20026	1475966	1	Standard
⌈	**Cr**	**53**	**48.415**	ug/L	0.732	1	149	169823	1	Standard
⌈	**Fe**	**54**	**4796.017**	ug/L	87.771	1	99289	13392565	1	Standard
⌈	**Fe**	**57**	**4747.894**	ug/L	120.756	2	19384	4963081	1	Standard
⌊	**Mn**	**55**	**49.070**	ug/L	0.907	1	756	2058375	1	Standard
⌈>	**Ge**	**72**		ug/L			108760	100359	2	KED
⌈	**Co**	**59**	**49.721**	ug/L	0.628	1	4	297333	1	KED
⌈	**Ni**	**60**	**50.113**	ug/L	0.715	1	16	84366	0	KED
⌈	**Ni**	**62**	**49.706**	ug/L	0.917	1	7	13446	0	KED
⌈	**Cu**	**63**	**51.178**	ug/L	0.519	1	97	243157	1	KED
⌈	**Cu**	**65**	**50.287**	ug/L	0.505	1	52	120395	1	KED
⌈	**Zn**	**66**	**47.903**	ug/L	0.180	0	226	35946	2	KED
⌈	**Zn**	**67**	**47.797**	ug/L	0.464	0	33	5794	2	KED
⌈	**As**	**75**	**48.581**	ug/L	0.125	0	2	16909	2	KED
⌊	**Se**	**78**	**76.795**	ug/L	0.909	1	13	3210	3	KED
	Y	**89**		ug/L			860263	841386	2	Standard
	Kr	**83**		ug/L			347	342	8	Standard
⌈>	**In-1**	**115**		ug/L			31574	29965	1	KED
⌈	**Mo**	**98**	**48.263**	ug/L	0.946	1	3	88868	1	KED
⌈	**Cd**	**111**	**48.541**	ug/L	1.037	2	2	20949	0	KED
⌊	**Cd**	**114**	**48.507**	ug/L	1.378	2	1	54472	1	KED
⌈>	**In**	**115**		ug/L			1670724	1607036	1	Standard
⌈	**Ag**	**107**	**53.526**	ug/L	0.412	0	46	1084248	1	Standard
⌈	**Ba**	**135**	**48.627**	ug/L	1.025	2	38	389730	0	Standard
⌊	**Ba**	**137**	**48.625**	ug/L	0.229	0	46	685059	1	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2643326	0	Standard
⌈	**Tl**	**205**	**49.732**	ug/L	0.588	1	45	4527683	0	Standard
⌊	**Pb**	**208**	**51.954**	ug/L	0.339	0	328	6285092	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 17:32:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1608908	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	25	1	6	17	Standard
	C	**13**		ug/L			24287	23352	1	Standard
	Cl	**37**		ug/L			6772126	7151861	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1598726	1	Standard
⌈	**Na**	**23**	**0.007**	ug/L	0.005	77	26822	26457	0	Standard
⌈	**Mg**	**24**	**0.026**	ug/L	0.003	9	2570	3278	3	Standard
⌈	**Al**	**27**	**0.044**	ug/L	0.002	5	8590	9637	0	Standard
⌈	**K**	**39**	**3.089**	ug/L	0.056	1	1089903	1167448	0	Standard
⌈	**Ca**	**44**	**-1.122**	ug/L	0.109	9	9123	7597	1	Standard
⌈	**V**	**51**	**-0.015**	ug/L	0.002	11	6850	6255	0	Standard
⌈	**V-1**	**51**	**-0.000**	ug/L	0.000	32	240	225	1	Standard
⌈	**Cr**	**52**	**-0.044**	ug/L	0.003	5	20026	18409	0	Standard
⌈	**Cr**	**53**	**0.002**	ug/L	0.002	131	149	152	5	Standard
⌈	**Fe**	**54**	**-0.867**	ug/L	0.477	54	99289	94963	1	Standard
⌈	**Fe**	**57**	**0.990**	ug/L	0.432	43	19384	20005	2	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.000	533	756	738	2	Standard
⌈>	**Ge**	**72**		ug/L			108760	99730	1	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	101	4	6	41	KED
⌈	**Ni**	**60**	**0.003**	ug/L	0.002	59	16	20	15	KED
⌈	**Ni**	**62**	**-0.014**	ug/L	0.004	28	7	3	34	KED
⌈	**Cu**	**63**	**0.005**	ug/L	0.001	26	97	114	4	KED
⌈	**Cu**	**65**	**0.006**	ug/L	0.007	125	52	62	27	KED
⌈	**Zn**	**66**	**-0.051**	ug/L	0.045	87	226	169	20	KED
⌈	**Zn**	**67**	**0.070**	ug/L	0.116	164	33	39	36	KED
⌈	**As**	**75**	**0.008**	ug/L	0.015	190	2	5	98	KED
⌊	**Se**	**78**	**0.035**	ug/L	0.135	388	13	14	39	KED
	Y	**89**		ug/L			860263	838672	0	Standard
	Kr	**83**		ug/L			347	314	12	Standard
⌈>	**In-1**	**115**		ug/L			31574	30222	2	KED
⌈	**Mo**	**98**	**0.025**	ug/L	0.007	29	3	51	29	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.001	51	2	1	43	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.001	33	1	4	21	KED
⌈>	**In**	**115**		ug/L			1670724	1620265	0	Standard
⌈	**Ag**	**107**	**0.003**	ug/L	0.000	10	46	106	5	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.000	60	38	32	10	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	118	46	52	16	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2553343	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	9	45	344	6	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	4	328	509	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 17:39:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1548413	0	Standard
⌊	**Be**	**9**	**49.448**	ug/L	0.507	1	1	429397	0	Standard
	C	**13**		ug/L			24287	27804	1	Standard
	Cl	**37**		ug/L			6772126	7733186	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1561476	1	Standard
⌈	**Na**	**23**	**5059.814**	ug/L	43.141	0	26822	117650627	0	Standard
⌊	**Mg**	**24**	**5092.065**	ug/L	112.807	2	2570	143023237	2	Standard
⌈	**Al**	**27**	**4961.600**	ug/L	46.422	0	8590	133538272	0	Standard
⌊	**K**	**39**	**5034.904**	ug/L	61.637	1	1089903	158989772	1	Standard
⌈	**Ca**	**44**	**5056.300**	ug/L	82.497	1	9123	5922862	2	Standard
⌊	**V**	**51**	**55.015**	ug/L	0.219	0	6850	1652202	0	Standard
⌈	**V-1**	**51**	**53.816**	ug/L	0.283	0	240	1662531	0	Standard
⌊	**Cr**	**52**	**53.685**	ug/L	0.561	1	20026	1459866	1	Standard
⌈	**Cr**	**53**	**50.267**	ug/L	0.384	0	149	168268	1	Standard
⌊	**Fe**	**54**	**5018.537**	ug/L	55.594	1	99289	13369071	1	Standard
⌈	**Fe**	**57**	**4959.885**	ug/L	46.737	0	19384	4947591	1	Standard
⌊	**Mn**	**55**	**50.179**	ug/L	0.191	0	756	2008757	1	Standard
⌈>	**Ge**	**72**		ug/L			108760	99853	0	KED
⌈	**Co**	**59**	**50.059**	ug/L	0.790	1	4	297859	0	KED
⌊	**Ni**	**60**	**49.981**	ug/L	0.075	0	16	83739	1	KED
⌈	**Ni**	**62**	**50.074**	ug/L	0.199	0	7	13481	1	KED
⌊	**Cu**	**63**	**50.263**	ug/L	0.382	0	97	237635	0	KED
⌈	**Cu**	**65**	**50.678**	ug/L	0.303	0	52	120733	0	KED
⌊	**Zn**	**66**	**49.496**	ug/L	0.309	0	226	36945	1	KED
⌈	**Zn**	**67**	**49.214**	ug/L	0.576	1	33	5935	1	KED
⌊	**As**	**75**	**49.690**	ug/L	0.214	0	2	17208	0	KED
⌈	**Se**	**78**	**51.158**	ug/L	0.623	1	13	2131	0	KED
	Y	**89**		ug/L			860263	835716	1	Standard
	Kr	**83**		ug/L			347	319	5	Standard
⌈>	**In-1**	**115**		ug/L			31574	29851	2	KED
⌈	**Mo**	**98**	**48.487**	ug/L	1.260	2	3	88920	0	KED
⌊	**Cd**	**111**	**49.411**	ug/L	0.885	1	2	21241	0	KED
⌈	**Cd**	**114**	**49.414**	ug/L	0.794	1	1	55281	0	KED
⌈>	**In**	**115**		ug/L			1670724	1584225	1	Standard
⌈	**Ag**	**107**	**54.243**	ug/L	0.737	1	46	1083103	0	Standard
⌊	**Ba**	**135**	**49.609**	ug/L	0.742	1	38	392017	1	Standard
⌈	**Ba**	**137**	**49.390**	ug/L	0.863	1	46	685959	1	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2584265	0	Standard
⌈	**Tl**	**205**	**50.328**	ug/L	0.470	0	45	4479751	0	Standard
⌊	**Pb**	**208**	**52.409**	ug/L	0.644	1	328	6198472	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 17:47:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1588240	2	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	59	1	15	50	Standard
	C	**13**		ug/L			24287	23856	1	Standard
	Cl	**37**		ug/L			6772126	7183898	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1590916	1	Standard
⌈	**Na**	**23**	**-0.009**	ug/L	0.068	766	26822	25936	4	Standard
⌈	**Mg**	**24**	**0.044**	ug/L	0.040	90	2570	3767	29	Standard
⌈	**Al**	**27**	**0.078**	ug/L	0.047	59	8590	10521	11	Standard
⌈	**K**	**39**	**3.130**	ug/L	0.311	9	1089903	1162986	0	Standard
⌈	**Ca**	**44**	**-1.397**	ug/L	0.125	8	9123	7233	1	Standard
⌈	**V**	**51**	**-0.013**	ug/L	0.001	5	6850	6276	0	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	55	240	214	4	Standard
⌈	**Cr**	**52**	**-0.038**	ug/L	0.006	15	20026	18505	1	Standard
⌈	**Cr**	**53**	**0.002**	ug/L	0.006	279	149	152	13	Standard
⌈	**Fe**	**54**	**-0.147**	ug/L	0.995	674	99289	96421	1	Standard
⌈	**Fe**	**57**	**1.056**	ug/L	0.382	36	19384	19974	1	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	223	756	727	3	Standard
⌈>	**Ge**	**72**		ug/L			108760	102098	0	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.000	809	4	4	49	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.001	52	16	19	11	KED
⌈	**Ni**	**62**	**-0.017**	ug/L	0.008	47	7	2	86	KED
⌈	**Cu**	**63**	**0.006**	ug/L	0.004	67	97	118	15	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.005	209	52	55	21	KED
⌈	**Zn**	**66**	**-0.056**	ug/L	0.029	51	226	169	12	KED
⌈	**Zn**	**67**	**-0.056**	ug/L	0.031	55	33	24	15	KED
⌈	**As**	**75**	**0.010**	ug/L	0.004	40	2	6	24	KED
⌊	**Se**	**78**	**-0.030**	ug/L	0.028	96	13	11	10	KED
	Y	**89**		ug/L			860263	812900	1	Standard
	Kr	**83**		ug/L			347	346	3	Standard
⌈>	**In-1**	**115**		ug/L			31574	29570	1	KED
⌈	**Mo**	**98**	**0.035**	ug/L	0.008	24	3	66	21	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.001	72	2	1	34	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.001	199	1	1	94	KED
⌈>	**In**	**115**		ug/L			1670724	1581184	1	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.001	20	46	115	12	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	161	38	32	20	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.000	15	46	57	3	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2532419	1	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.001	16	45	473	14	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	20	328	530	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 17:52:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1577497	1604517	1	Standard
[	**Be**	**9**	**0.186**	ug/L	0.003	1	1	1673	2	Standard
	C	**13**		ug/L			24287	43873	2	Standard
	Cl	**37**		ug/L			6772126	7124105	0	Standard
[>	**Sc**	**45**		ug/L			1631150	1582589	0	Standard
[	**Na**	**23**	**98.528**	ug/L	0.504	0	26822	2347655	1	Standard
[	**Mg**	**24**	**22.169**	ug/L	0.222	1	2570	633503	1	Standard
[	**Al**	**27**	**22.000**	ug/L	0.134	0	8590	608453	0	Standard
[	**K**	**39**	**25.441**	ug/L	0.458	1	1089903	1866374	1	Standard
[	**Ca**	**44**	**54.763**	ug/L	1.396	2	9123	73776	3	Standard
[	**V**	**51**	**0.205**	ug/L	0.005	2	6850	12870	1	Standard
[	**V-1**	**51**	**0.207**	ug/L	0.001	0	240	6728	0	Standard
[	**Cr**	**52**	**0.515**	ug/L	0.006	1	20026	33436	0	Standard
[	**Cr**	**53**	**0.492**	ug/L	0.006	1	149	1814	1	Standard
[	**Fe**	**54**	**39.078**	ug/L	0.656	1	99289	201098	1	Standard
[	**Fe**	**57**	**39.723**	ug/L	0.849	2	19384	58814	1	Standard
[	**Mn**	**55**	**0.545**	ug/L	0.006	1	756	22843	0	Standard
[>	**Ge**	**72**		ug/L			108760	103053	0	KED
[	**Co**	**59**	**0.182**	ug/L	0.004	2	4	1120	2	KED
[	**Ni**	**60**	**0.492**	ug/L	0.009	1	16	866	1	KED
[	**Ni**	**62**	**0.479**	ug/L	0.082	17	7	140	16	KED
[	**Cu**	**63**	**0.496**	ug/L	0.025	5	97	2510	4	KED
[	**Cu**	**65**	**0.500**	ug/L	0.029	5	52	1278	5	KED
[	**Zn**	**66**	**5.748**	ug/L	0.120	2	226	4617	1	KED
[	**Zn**	**67**	**5.405**	ug/L	0.326	6	33	700	5	KED
[	**As**	**75**	**0.200**	ug/L	0.010	4	2	74	4	KED
[	**Se**	**78**	**0.472**	ug/L	0.166	35	13	33	21	KED
	Y	**89**		ug/L			860263	838972	1	Standard
	Kr	**83**		ug/L			347	320	11	Standard
[>	**In-1**	**115**		ug/L			31574	29596	0	KED
[	**Mo**	**98**	**0.182**	ug/L	0.004	2	3	334	2	KED
[	**Cd**	**111**	**0.091**	ug/L	0.010	11	2	41	9	KED
[	**Cd**	**114**	**0.102**	ug/L	0.019	18	1	114	17	KED
[>	**In**	**115**		ug/L			1670724	1587897	2	Standard
[	**Ag**	**107**	**0.220**	ug/L	0.002	0	46	4440	1	Standard
[	**Ba**	**135**	**0.487**	ug/L	0.007	1	38	3892	1	Standard
[	**Ba**	**137**	**0.473**	ug/L	0.019	4	46	6619	2	Standard
[>	**Tb**	**159**		ug/L			2614669	2554926	0	Standard
[	**Tl**	**205**	**0.221**	ug/L	0.004	1	45	19504	1	Standard
[	**Pb**	**208**	**0.116**	ug/L	0.001	0	328	13899	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 17:57:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1577497	1687338	1	Standard
	Be	9	0.001	ug/L	0.000	56	1	10	43	Standard
	C	13		ug/L			24287	168009	0	Standard
	Cl	37		ug/L			6772126	15682730	1	Standard
>	Sc	45		ug/L			1631150	1701108	1	Standard
	Na	23	18914.421	ug/L	194.248	1	26822	479026880	0	Standard
	Mg	24	19183.828	ug/L	245.158	1	2570	586876791	0	Standard
	Al	27	18841.902	ug/L	486.746	2	8590	552327740	1	Standard
	K	39	18700.039	ug/L	476.532	2	1089903	640059535	1	Standard
	Ca	44	19897.077	ug/L	365.648	1	9123	25357491	1	Standard
	V	51	-0.039	ug/L	0.023	58	6850	5879	11	Standard
	V-1	51	2.267	ug/L	0.033	1	240	76542	2	Standard
	Cr	52	0.519	ug/L	0.014	2	20026	36065	1	Standard
	Cr	53	7.277	ug/L	0.096	1	149	26672	2	Standard
	Fe	54	20164.333	ug/L	318.213	1	99289	58200413	0	Standard
	Fe	57	21073.845	ug/L	392.613	1	19384	22831538	0	Standard
	Mn	55	0.180	ug/L	0.002	1	756	8629	0	Standard
>	Ge	72		ug/L			108760	94505	0	KED
	Co	59	0.045	ug/L	0.005	11	4	255	11	KED
	Ni	60	0.237	ug/L	0.022	9	16	390	9	KED
	Ni	62	0.328	ug/L	0.028	8	7	90	7	KED
	Cu	63	0.058	ug/L	0.006	10	97	342	8	KED
	Cu	65	0.059	ug/L	0.005	7	52	179	5	KED
	Zn	66	1.157	ug/L	0.046	3	226	1009	3	KED
	Zn	67	1.152	ug/L	0.197	17	33	160	13	KED
	As	75	0.032	ug/L	0.009	27	2	12	22	KED
	Se	78	0.026	ug/L	0.068	261	13	13	20	KED
	Y	89		ug/L			860263	868075	2	Standard
	Kr	83		ug/L			347	487	3	Standard
>	In-1	115		ug/L			31574	28618	1	KED
	Mo	98	397.381	ug/L	5.046	1	3	698835	0	KED
	Cd	111	0.087	ug/L	0.009	10	2	38	10	KED
	Cd	114	0.070	ug/L	0.003	4	1	76	5	KED
>	In	115		ug/L			1670724	1689830	3	Standard
	Ag	107	0.007	ug/L	0.001	21	46	187	19	Standard
	Ba	135	0.098	ug/L	0.003	3	38	867	1	Standard
	Ba	137	0.097	ug/L	0.002	1	46	1484	4	Standard
>	Tb	159		ug/L			2614669	2774745	0	Standard
	Tl	205	0.004	ug/L	0.000	4	45	425	3	Standard
	Pb	208	0.071	ug/L	0.002	2	328	9420	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:02:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1577497	1679621	2	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	43	1	9	34	Standard
	C	**13**		ug/L			24287	172551	0	Standard
	Cl	**37**		ug/L			6772126	15858222	2	Standard
[>	**Sc**	**45**		ug/L			1631150	1717109	2	Standard
[	**Na**	**23**	**18434.415**	ug/L	561.866	3	26822	471077570	0	Standard
[	**Mg**	**24**	**18914.326**	ug/L	443.110	2	2570	583910043	0	Standard
[	**Al**	**27**	**18419.039**	ug/L	604.159	3	8590	544892092	1	Standard
[	**K**	**39**	**17691.063**	ug/L	430.939	2	1089903	611284308	2	Standard
[	**Ca**	**44**	**19964.392**	ug/L	466.868	2	9123	25676520	0	Standard
[	**V**	**51**	**-0.232**	ug/L	0.056	24	6850	-425	440	Standard
[	**V-1**	**51**	**2.402**	ug/L	0.019	0	240	81850	1	Standard
[	**Cr**	**52**	**21.593**	ug/L	0.427	1	20026	658055	0	Standard
[	**Cr**	**53**	**27.335**	ug/L	0.381	1	149	100671	1	Standard
[	**Fe**	**54**	**20154.003**	ug/L	382.133	1	99289	58709082	1	Standard
[	**Fe**	**57**	**20992.699**	ug/L	477.667	2	19384	22953784	1	Standard
[	**Mn**	**55**	**22.006**	ug/L	0.119	0	756	969101	2	Standard
[>	**Ge**	**72**		ug/L			108760	93737	0	KED
[	**Co**	**59**	**20.508**	ug/L	0.280	1	4	114558	0	KED
[	**Ni**	**60**	**20.297**	ug/L	0.255	1	16	31929	0	KED
[	**Ni**	**62**	**20.272**	ug/L	0.586	2	7	5126	2	KED
[	**Cu**	**63**	**19.888**	ug/L	0.108	0	97	88322	0	KED
[	**Cu**	**65**	**19.772**	ug/L	0.128	0	52	44247	0	KED
[	**Zn**	**66**	**18.637**	ug/L	0.286	1	226	13179	1	KED
[	**Zn**	**67**	**17.769**	ug/L	0.556	3	33	2029	2	KED
[	**As**	**75**	**19.314**	ug/L	0.134	0	2	6280	0	KED
[	**Se**	**78**	**0.027**	ug/L	0.035	127	13	12	11	KED
	Y	**89**		ug/L			860263	848735	1	Standard
	Kr	**83**		ug/L			347	504	3	Standard
[>	**In-1**	**115**		ug/L			31574	28076	2	KED
[	**Mo**	**98**	**400.889**	ug/L	9.551	2	3	691429	0	KED
[	**Cd**	**111**	**19.858**	ug/L	0.679	3	2	8028	1	KED
[	**Cd**	**114**	**19.732**	ug/L	0.488	2	1	20759	0	KED
[>	**In**	**115**		ug/L			1670724	1703172	2	Standard
[	**Ag**	**107**	**19.690**	ug/L	0.317	1	46	422720	2	Standard
[	**Ba**	**135**	**0.035**	ug/L	0.004	11	38	334	10	Standard
[	**Ba**	**137**	**0.033**	ug/L	0.003	7	46	540	4	Standard
[>	**Tb**	**159**		ug/L			2614669	2748668	1	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	4	45	301	4	Standard
[	**Pb**	**208**	**0.016**	ug/L	0.001	3	328	2401	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:07:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1577497	1509433	1	Standard
[	**Be**	**9**	**194.428**	ug/L	3.673	1	1	1645675	1	Standard
	C	**13**		ug/L			24287	37156	0	Standard
	Cl	**37**		ug/L			6772126	7630224	0	Standard
[>	**Sc**	**45**		ug/L			1631150	1530577	1	Standard
[	**Na**	**23**	**18890.133**	ug/L	223.150	1	26822	430445847	0	Standard
[	**Mg**	**24**	**19160.582**	ug/L	109.574	0	2570	527433783	0	Standard
[	**Al**	**27**	**18912.433**	ug/L	55.999	0	8590	498965619	1	Standard
[	**K**	**39**	**19323.281**	ug/L	96.067	0	1089903	595178882	1	Standard
[	**Ca**	**44**	**20178.581**	ug/L	214.472	1	9123	23139753	0	Standard
[	**V**	**51**	**183.452**	ug/L	4.184	2	6850	5384250	0	Standard
[	**V-1**	**51**	**187.321**	ug/L	3.790	2	240	5670873	0	Standard
[	**Cr**	**52**	**183.692**	ug/L	2.318	1	20026	4849942	0	Standard
[	**Cr**	**53**	**195.097**	ug/L	1.248	0	149	639704	0	Standard
[	**Fe**	**54**	**19697.871**	ug/L	124.658	0	99289	51161327	0	Standard
[	**Fe**	**57**	**20516.953**	ug/L	432.436	2	19384	20002028	1	Standard
[	**Mn**	**55**	**191.959**	ug/L	2.470	1	756	7529264	0	Standard
[>	**Ge**	**72**		ug/L			108760	86976	0	KED
[	**Co**	**59**	**200.670**	ug/L	2.068	1	4	1040129	0	KED
[	**Ni**	**60**	**196.682**	ug/L	3.188	1	16	286981	1	KED
[	**Ni**	**62**	**197.439**	ug/L	1.512	0	7	46281	0	KED
[	**Cu**	**63**	**196.148**	ug/L	0.875	0	97	807557	0	KED
[	**Cu**	**65**	**196.741**	ug/L	1.050	0	52	408159	0	KED
[	**Zn**	**66**	**190.647**	ug/L	1.243	0	226	123435	0	KED
[	**Zn**	**67**	**190.145**	ug/L	0.389	0	33	19897	0	KED
[	**As**	**75**	**196.654**	ug/L	0.621	0	2	59316	0	KED
[	**Se**	**78**	**193.313**	ug/L	1.159	0	13	6985	0	KED
	Y	**89**		ug/L			860263	793523	0	Standard
	Kr	**83**		ug/L			347	403	9	Standard
[>	**In-1**	**115**		ug/L			31574	26428	0	KED
[	**Mo**	**98**	**200.007**	ug/L	0.850	0	3	324833	0	KED
[	**Cd**	**111**	**196.624**	ug/L	1.055	0	2	74849	0	KED
[	**Cd**	**114**	**194.194**	ug/L	1.382	0	1	192377	0	KED
[>	**In**	**115**		ug/L			1670724	1568898	0	Standard
[	**Ag**	**107**	**184.321**	ug/L	2.979	1	46	3645046	1	Standard
[	**Ba**	**135**	**192.373**	ug/L	0.665	0	38	1505441	0	Standard
[	**Ba**	**137**	**171.696**	ug/L	1.120	0	46	2361534	0	Standard
[>	**Tb**	**159**		ug/L			2614669	2521889	0	Standard
[	**Tl**	**205**	**192.691**	ug/L	0.711	0	45	16737332	0	Standard
[	**Pb**	**208**	**189.203**	ug/L	1.374	0	328	21835840	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:12:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1577497	1410313	1	Standard
	Be	9	262.082	ug/L	6.437	2	1	2072603	1	Standard
	C	13		ug/L			24287	37611	2	Standard
	Cl	37		ug/L			6772126	7469152	0	Standard
>	Sc	45		ug/L			1631150	1457016	0	Standard
	Na	23	29103.731	ug/L	110.775	0	26822	631361785	0	Standard
	Mg	24	28659.666	ug/L	242.344	0	2570	751031295	1	Standard
	Al	27	29406.001	ug/L	260.172	0	8590	738478956	0	Standard
	K	39	28902.239	ug/L	274.229	0	1089903	846962287	0	Standard
	Ca	44	30029.259	ug/L	400.285	1	9123	32777697	0	Standard
	V	51	276.997	ug/L	1.211	0	6850	7737706	1	Standard
	V-1	51	282.446	ug/L	1.934	0	240	8141409	1	Standard
	Cr	52	279.114	ug/L	1.974	0	20026	7006962	1	Standard
	Cr	53	295.009	ug/L	4.118	1	149	920888	2	Standard
	Fe	54	29321.758	ug/L	359.579	1	99289	72453966	0	Standard
	Fe	57	30287.338	ug/L	264.377	0	19384	28102086	0	Standard
	Mn	55	286.207	ug/L	0.735	0	756	10687310	0	Standard
>	Ge	72		ug/L			108760	84432	0	KED
	Co	59	303.512	ug/L	2.307	0	4	1527166	0	KED
	Ni	60	297.988	ug/L	1.684	0	16	422091	1	KED
	Ni	62	296.054	ug/L	1.595	0	7	67368	1	KED
	Cu	63	290.659	ug/L	2.422	0	97	1161644	1	KED
	Cu	65	289.419	ug/L	3.165	1	52	582821	0	KED
	Zn	66	277.719	ug/L	3.478	1	226	174467	0	KED
	Zn	67	279.228	ug/L	0.576	0	33	28351	0	KED
	As	75	297.541	ug/L	4.678	1	2	87115	0	KED
	Se	78	287.638	ug/L	6.036	2	13	10083	1	KED
	Y	89		ug/L			860263	732814	1	Standard
	Kr	83		ug/L			347	475	5	Standard
>	In-1	115		ug/L			31574	25069	0	KED
	Mo	98	301.104	ug/L	6.108	2	3	463846	1	KED
	Cd	111	296.957	ug/L	5.474	1	2	107221	1	KED
	Cd	114	295.375	ug/L	4.283	1	1	277556	1	KED
>	In	115		ug/L			1670724	1452786	1	Standard
	Ag	107	271.539	ug/L	5.167	1	46	4971511	0	Standard
	Ba	135	274.231	ug/L	4.701	1	38	1986841	0	Standard
	Ba	137	267.090	ug/L	4.375	1	46	3401134	0	Standard
>	Tb	159		ug/L			2614669	2386780	0	Standard
	Tl	205	291.535	ug/L	0.321	0	45	23966584	0	Standard
	Pb	208	285.303	ug/L	2.927	1	328	31161794	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:20:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1574609	3	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.000	2	1	22	4	Standard
	C	**13**		ug/L			24287	36635	1	Standard
	Cl	**37**		ug/L			6772126	7157945	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1539106	2	Standard
⌈	**Na**	**23**	**3.277**	ug/L	0.153	4	26822	100358	1	Standard
⌊	**Mg**	**24**	**0.659**	ug/L	0.020	3	2570	20654	1	Standard
⌈	**Al**	**27**	**0.972**	ug/L	0.053	5	8590	33875	3	Standard
⌊	**K**	**39**	**7.637**	ug/L	1.133	14	1089903	1264020	0	Standard
⌈	**Ca**	**44**	**6.868**	ug/L	0.182	2	9123	16523	1	Standard
⌊	**V**	**51**	**-0.000**	ug/L	0.002	1640	6850	6458	1	Standard
⌈	**V-1**	**51**	**0.028**	ug/L	0.001	1	240	1086	2	Standard
⌊	**Cr**	**52**	**0.010**	ug/L	0.015	140	20026	19166	1	Standard
⌈	**Cr**	**53**	**0.093**	ug/L	0.010	10	149	447	7	Standard
⌊	**Fe**	**54**	**1.071**	ug/L	1.364	127	99289	96426	1	Standard
⌈	**Fe**	**57**	**-0.190**	ug/L	0.383	202	19384	18101	2	Standard
⌊	**Mn**	**55**	**0.028**	ug/L	0.001	4	756	1811	0	Standard
⌈>	**Ge**	**72**		ug/L			108760	91405	0	KED
⌈	**Co**	**59**	**0.002**	ug/L	0.000	14	4	17	11	KED
⌊	**Ni**	**60**	**0.066**	ug/L	0.009	14	16	114	12	KED
⌈	**Ni**	**62**	**0.051**	ug/L	0.021	41	7	19	26	KED
⌈	**Cu**	**63**	**0.042**	ug/L	0.006	14	97	262	10	KED
⌊	**Cu**	**65**	**0.042**	ug/L	0.006	14	52	136	10	KED
⌈	**Zn**	**66**	**0.649**	ug/L	0.034	5	226	631	3	KED
⌊	**Zn**	**67**	**0.581**	ug/L	0.146	25	33	92	16	KED
⌈	**As**	**75**	**0.031**	ug/L	0.006	19	2	12	15	KED
⌊	**Se**	**78**	**0.022**	ug/L	0.041	191	13	12	13	KED
	Y	**89**		ug/L			860263	780530	2	Standard
	Kr	**83**		ug/L			347	307	10	Standard
⌈>	**In-1**	**115**		ug/L			31574	27057	1	KED
⌈	**Mo**	**98**	**0.104**	ug/L	0.014	13	3	176	13	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.005	101	2	4	48	KED
⌊	**Cd**	**114**	**0.008**	ug/L	0.003	35	1	9	28	KED
⌈>	**In**	**115**		ug/L			1670724	1573325	3	Standard
⌈	**Ag**	**107**	**0.009**	ug/L	0.000	1	46	225	2	Standard
⌈	**Ba**	**135**	**0.018**	ug/L	0.000	0	38	180	3	Standard
⌊	**Ba**	**137**	**0.020**	ug/L	0.002	8	46	315	4	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2437179	1	Standard
⌈	**Tl**	**205**	**0.012**	ug/L	0.000	3	45	1041	4	Standard
⌊	**Pb**	**208**	**0.025**	ug/L	0.001	2	328	3127	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:26:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1558936	0	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.000	6	1	17	6	Standard
	C	**13**		ug/L			24287	35393	1	Standard
	Cl	**37**		ug/L			6772126	6979841	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1538428	1	Standard
⌈	**Na**	**23**	**2.020**	ug/L	0.084	4	26822	71548	1	Standard
⌈	**Mg**	**24**	**0.533**	ug/L	0.007	1	2570	17170	2	Standard
⌈	**Al**	**27**	**0.713**	ug/L	0.028	3	8590	27013	1	Standard
⌈	**K**	**39**	**5.850**	ug/L	0.689	11	1089903	1208556	0	Standard
⌈	**Ca**	**44**	**5.760**	ug/L	0.261	4	9123	15239	0	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.005	732	6850	6482	2	Standard
⌈	**V-1**	**51**	**0.019**	ug/L	0.000	1	240	812	2	Standard
⌈	**Cr**	**52**	**0.013**	ug/L	0.015	117	20026	19229	1	Standard
⌈	**Cr**	**53**	**0.067**	ug/L	0.006	8	149	359	3	Standard
⌈	**Fe**	**54**	**0.537**	ug/L	0.697	129	99289	95030	1	Standard
⌈	**Fe**	**57**	**1.655**	ug/L	0.329	19	19384	19899	0	Standard
⌊	**Mn**	**55**	**0.023**	ug/L	0.001	5	756	1615	1	Standard
⌈>	**Ge**	**72**		ug/L			108760	93448	3	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.000	88	4	6	41	KED
⌈	**Ni**	**60**	**0.056**	ug/L	0.013	23	16	100	16	KED
⌈	**Ni**	**62**	**0.042**	ug/L	0.014	33	7	17	19	KED
⌈	**Cu**	**63**	**0.040**	ug/L	0.004	10	97	260	10	KED
⌈	**Cu**	**65**	**0.033**	ug/L	0.003	9	52	118	8	KED
⌈	**Zn**	**66**	**0.552**	ug/L	0.081	14	226	576	6	KED
⌈	**Zn**	**67**	**0.595**	ug/L	0.062	10	33	95	9	KED
⌈	**As**	**75**	**0.005**	ug/L	0.005	108	2	3	38	KED
⌊	**Se**	**78**	**-0.016**	ug/L	0.077	492	13	11	26	KED
	Y	**89**		ug/L			860263	791471	1	Standard
	Kr	**83**		ug/L			347	297	11	Standard
⌈>	**In-1**	**115**		ug/L			31574	27964	0	KED
⌈	**Mo**	**98**	**0.021**	ug/L	0.007	35	3	39	32	KED
⌈	**Cd**	**111**	**0.007**	ug/L	0.007	102	2	5	57	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	104	1	4	68	KED
⌈>	**In**	**115**		ug/L			1670724	1579377	1	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.000	7	46	118	3	Standard
⌈	**Ba**	**135**	**0.019**	ug/L	0.003	13	38	186	11	Standard
⌊	**Ba**	**137**	**0.018**	ug/L	0.001	3	46	300	4	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2445646	0	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.000	5	45	471	5	Standard
⌊	**Pb**	**208**	**0.020**	ug/L	0.000	2	328	2495	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:33:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1577497	1571217	2	Standard
	Be	**9**	**48.502**	ug/L	1.790	3	1	427129	0	Standard
	C	**13**		ug/L			24287	27046	1	Standard
	Cl	**37**		ug/L			6772126	7519414	0	Standard
>	**Sc**	**45**		ug/L			1631150	1545646	0	Standard
	Na	**23**	**4782.900**	ug/L	50.146	1	26822	110086070	0	Standard
	Mg	**24**	**4976.666**	ug/L	98.285	1	2570	138342856	1	Standard
	Al	**27**	**4800.388**	ug/L	42.903	0	8590	127894872	0	Standard
	K	**39**	**4959.950**	ug/L	16.250	0	1089903	155048870	0	Standard
	Ca	**44**	**5065.404**	ug/L	110.721	2	9123	5872212	1	Standard
	V	**51**	**53.825**	ug/L	0.208	0	6850	1600229	0	Standard
	V-1	**51**	**52.516**	ug/L	0.170	0	240	1605979	0	Standard
	Cr	**52**	**52.741**	ug/L	0.618	1	20026	1419887	1	Standard
	Cr	**53**	**48.979**	ug/L	0.514	1	149	162286	0	Standard
	Fe	**54**	**4898.551**	ug/L	45.732	0	99289	12919312	0	Standard
	Fe	**57**	**4975.686**	ug/L	39.986	0	19384	4912934	0	Standard
	Mn	**55**	**49.132**	ug/L	0.825	1	756	1946711	0	Standard
>	**Ge**	**72**		ug/L			108760	91368	1	KED
	Co	**59**	**49.680**	ug/L	0.648	1	4	270483	0	KED
	Ni	**60**	**50.342**	ug/L	0.869	1	16	77164	0	KED
	Ni	**62**	**50.424**	ug/L	0.569	1	7	12420	0	KED
	Cu	**63**	**50.992**	ug/L	0.992	1	97	220564	0	KED
	Cu	**65**	**51.027**	ug/L	0.813	1	52	111223	0	KED
	Zn	**66**	**49.969**	ug/L	0.426	0	226	34125	1	KED
	Zn	**67**	**51.335**	ug/L	1.222	2	33	5664	3	KED
	As	**75**	**49.493**	ug/L	0.452	0	2	15683	1	KED
	Se	**78**	**49.971**	ug/L	0.258	0	13	1905	1	KED
	Y	**89**		ug/L			860263	807125	1	Standard
	Kr	**83**		ug/L			347	312	5	Standard
>	**In-1**	**115**		ug/L			31574	27153	1	KED
	Mo	**98**	**48.965**	ug/L	1.006	2	3	81696	0	KED
	Cd	**111**	**50.415**	ug/L	0.597	1	2	19717	0	KED
	Cd	**114**	**50.104**	ug/L	1.046	2	1	50990	0	KED
>	**In**	**115**		ug/L			1670724	1579849	1	Standard
	Ag	**107**	**54.324**	ug/L	0.195	0	46	1081811	1	Standard
	Ba	**135**	**47.124**	ug/L	0.552	1	38	371347	1	Standard
	Ba	**137**	**46.781**	ug/L	0.878	1	46	647894	1	Standard
>	**Tb**	**159**		ug/L			2614669	2497462	0	Standard
	Tl	**205**	**50.287**	ug/L	0.824	1	45	4325327	0	Standard
	Pb	**208**	**52.309**	ug/L	0.346	0	328	5979048	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:40:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1577497	1544240	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	106	1	6	75	Standard
	C	**13**		ug/L			24287	23980	1	Standard
	Cl	**37**		ug/L			6772126	7047891	0	Standard
⌈>	**Sc**	**45**		ug/L			1631150	1506695	2	Standard
⌈	**Na**	**23**	**0.057**	ug/L	0.028	49	26822	26041	0	Standard
⌈	**Mg**	**24**	**0.033**	ug/L	0.001	3	2570	3259	3	Standard
⌈	**Al**	**27**	**0.059**	ug/L	0.006	11	8590	9457	0	Standard
⌈	**K**	**39**	**5.042**	ug/L	0.596	11	1089903	1159093	0	Standard
⌈	**Ca**	**44**	**-1.974**	ug/L	0.103	5	9123	6197	1	Standard
⌈	**V**	**51**	**-0.008**	ug/L	0.006	77	6850	6084	0	Standard
⌈	**V-1**	**51**	**0.013**	ug/L	0.001	6	240	616	4	Standard
⌈	**Cr**	**52**	**-0.024**	ug/L	0.013	55	20026	17878	1	Standard
⌈	**Cr**	**53**	**0.041**	ug/L	0.009	21	149	271	12	Standard
⌈	**Fe**	**54**	**0.359**	ug/L	0.715	199	99289	92602	0	Standard
⌈	**Fe**	**57**	**0.885**	ug/L	0.287	32	19384	18757	3	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	63	756	718	2	Standard
⌈>	**Ge**	**72**		ug/L			108760	91338	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	183	4	2	86	KED
⌈	**Ni**	**60**	**0.001**	ug/L	0.006	1125	16	14	58	KED
⌈	**Ni**	**62**	**0.005**	ug/L	0.015	311	7	7	50	KED
⌈	**Cu**	**63**	**0.004**	ug/L	0.003	62	97	100	11	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.010	320	52	50	41	KED
⌈	**Zn**	**66**	**-0.047**	ug/L	0.026	54	226	158	10	KED
⌈	**Zn**	**67**	**-0.020**	ug/L	0.010	46	33	26	4	KED
⌈	**As**	**75**	**0.009**	ug/L	0.004	45	2	5	24	KED
⌊	**Se**	**78**	**0.005**	ug/L	0.035	751	13	11	11	KED
	Y	**89**		ug/L			860263	782431	1	Standard
	Kr	**83**		ug/L			347	314	1	Standard
⌈>	**In-1**	**115**		ug/L			31574	26793	1	KED
⌈	**Mo**	**98**	**0.033**	ug/L	0.007	20	3	57	18	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.007	274	2	3	86	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.001	39	1	4	27	KED
⌈>	**In**	**115**		ug/L			1670724	1524621	1	Standard
⌈	**Ag**	**107**	**0.003**	ug/L	0.001	27	46	102	15	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	97	38	29	20	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	347	46	47	34	Standard
⌈>	**Tb**	**159**		ug/L			2614669	2402515	0	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.000	8	45	470	7	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	9	328	675	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:49:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1532055	0	Standard
⌊	**Be**	**9**		ug/L				5	78	Standard
	C	**13**		ug/L				22455	0	Standard
	Cl	**37**		ug/L				6864286	0	Standard
⌈>	**Sc**	**45**		ug/L				1502228	1	Standard
⌈	**Na**	**23**		ug/L				20849	1	Standard
⌈	**Mg**	**24**		ug/L				2619	3	Standard
⌈	**Al**	**27**		ug/L				8386	1	Standard
⌈	**K**	**39**		ug/L				1120246	0	Standard
⌈	**Ca**	**44**		ug/L				6108	0	Standard
⌈	**V**	**51**		ug/L				6080	2	Standard
⌈	**V-1**	**51**		ug/L				631	3	Standard
⌈	**Cr**	**52**		ug/L				17895	1	Standard
⌈	**Cr**	**53**		ug/L				279	6	Standard
⌈	**Fe**	**54**		ug/L				92419	1	Standard
⌈	**Fe**	**57**		ug/L				21731	2	Standard
⌊	**Mn**	**55**		ug/L				678	0	Standard
⌈>	**Ge**	**72**		ug/L				91928	2	KED
⌈	**Co**	**59**		ug/L				6	83	KED
⌈	**Ni**	**60**		ug/L				19	20	KED
⌈	**Ni**	**62**		ug/L				1	100	KED
⌈	**Cu**	**63**		ug/L				90	15	KED
⌈	**Cu**	**65**		ug/L				52	17	KED
⌈	**Zn**	**66**		ug/L				144	6	KED
⌈	**Zn**	**67**		ug/L				24	4	KED
⌈	**As**	**75**		ug/L				3	51	KED
⌊	**Se**	**78**		ug/L				10	33	KED
	Y	**89**		ug/L				761675	0	Standard
	Kr	**83**		ug/L				299	6	Standard
⌈>	**In-1**	**115**		ug/L				27524	1	KED
⌈	**Mo**	**98**		ug/L				22	16	KED
⌈	**Cd**	**111**		ug/L				2	107	KED
⌊	**Cd**	**114**		ug/L				1	184	KED
⌈>	**In**	**115**		ug/L				1517127	0	Standard
⌈	**Ag**	**107**		ug/L				78	9	Standard
⌈	**Ba**	**135**		ug/L				38	18	Standard
⌊	**Ba**	**137**		ug/L				40	9	Standard
⌈>	**Tb**	**159**		ug/L				2418152	1	Standard
⌈	**Tl**	**205**		ug/L				198	6	Standard
⌊	**Pb**	**208**		ug/L				505	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 18:54:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1532055	1548955	0	Standard
	Be	**9**	**48.844**	ug/L	0.860	1	5	424290	0	Standard
	C	**13**		ug/L			22455	27143	1	Standard
	Cl	**37**		ug/L			6864286	7555136	0	Standard
>	**Sc**	**45**		ug/L			1502228	1502215	2	Standard
	Na	**23**	**4875.034**	ug/L	27.547	0	20849	109044878	2	Standard
	Mg	**24**	**4998.808**	ug/L	101.404	2	2619	135013682	0	Standard
	Al	**27**	**4906.948**	ug/L	61.458	1	8386	127053327	2	Standard
	K	**39**	**5075.701**	ug/L	63.489	1	1120246	154304537	2	Standard
	Ca	**44**	**5071.442**	ug/L	95.356	1	6108	5712186	3	Standard
	V	**51**	**54.586**	ug/L	0.201	0	6080	1576885	2	Standard
	V-1	**51**	**53.305**	ug/L	0.280	0	631	1584604	2	Standard
	Cr	**52**	**52.956**	ug/L	0.470	0	17895	1384966	2	Standard
	Cr	**53**	**49.325**	ug/L	0.473	0	279	158969	2	Standard
	Fe	**54**	**5008.267**	ug/L	44.609	0	92419	12834942	1	Standard
	Fe	**57**	**4999.913**	ug/L	70.703	1	21731	4801009	1	Standard
	Mn	**55**	**49.594**	ug/L	0.998	2	678	1909295	1	Standard
>	**Ge**	**72**		ug/L			91928	91167	0	KED
	Co	**59**	**49.735**	ug/L	0.629	1	6	270209	0	KED
	Ni	**60**	**49.983**	ug/L	1.048	2	19	76457	1	KED
	Ni	**62**	**50.405**	ug/L	1.181	2	1	12385	2	KED
	Cu	**63**	**50.696**	ug/L	0.782	1	90	218830	0	KED
	Cu	**65**	**50.748**	ug/L	0.547	1	52	110393	1	KED
	Zn	**66**	**50.273**	ug/L	0.847	1	144	34207	0	KED
	Zn	**67**	**51.697**	ug/L	0.604	1	24	5686	0	KED
	As	**75**	**49.996**	ug/L	0.486	0	3	15808	0	KED
	Se	**78**	**50.356**	ug/L	0.348	0	10	1914	1	KED
	Y	**89**		ug/L			761675	780666	0	Standard
	Kr	**83**		ug/L			299	318	7	Standard
>	**In-1**	**115**		ug/L			27524	26367	0	KED
	Mo	**98**	**50.594**	ug/L	0.533	1	22	81998	0	KED
	Cd	**111**	**50.977**	ug/L	0.259	0	2	19361	0	KED
	Cd	**114**	**49.937**	ug/L	0.436	0	1	49355	0	KED
>	**In**	**115**		ug/L			1517127	1522231	1	Standard
	Ag	**107**	**54.479**	ug/L	1.240	2	78	1045177	1	Standard
	Ba	**135**	**48.405**	ug/L	1.619	3	38	367476	2	Standard
	Ba	**137**	**47.927**	ug/L	1.451	3	40	639479	2	Standard
>	**Tb**	**159**		ug/L			2418152	2432672	1	Standard
	Tl	**205**	**50.879**	ug/L	0.431	0	198	4263742	2	Standard
	Pb	**208**	**52.802**	ug/L	0.489	0	505	5878858	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:02:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1532055	1520734	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	56	5	10	28	Standard
	C	**13**		ug/L			22455	22891	0	Standard
	Cl	**37**		ug/L			6864286	7041462	0	Standard
⌈>	**Sc**	**45**		ug/L			1502228	1482060	0	Standard
⌈	**Na**	**23**	**0.127**	ug/L	0.008	5	20849	23380	0	Standard
⌈	**Mg**	**24**	**0.031**	ug/L	0.005	17	2619	3422	4	Standard
⌈	**Al**	**27**	**0.041**	ug/L	0.004	10	8386	9326	1	Standard
⌈	**K**	**39**	**1.263**	ug/L	0.359	28	1120246	1142749	0	Standard
⌈	**Ca**	**44**	**-0.043**	ug/L	0.056	131	6108	5978	1	Standard
⌈	**V**	**51**	**0.002**	ug/L	0.003	130	6080	6061	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.001	21	631	478	6	Standard
⌈	**Cr**	**52**	**0.005**	ug/L	0.012	237	17895	17783	1	Standard
⌈	**Cr**	**53**	**-0.016**	ug/L	0.001	4	279	224	1	Standard
⌈	**Fe**	**54**	**0.052**	ug/L	0.353	682	92419	91306	0	Standard
⌈	**Fe**	**57**	**-2.579**	ug/L	0.270	10	21731	19006	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	63	678	707	4	Standard
⌈>	**Ge**	**72**		ug/L			91928	91429	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	4	6	5	0	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.005	190	19	15	45	KED
⌈	**Ni**	**62**	**0.028**	ug/L	0.016	57	1	8	44	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.003	1047	90	88	17	KED
⌈	**Cu**	**65**	**0.000**	ug/L	0.003	2059	52	52	11	KED
⌈	**Zn**	**66**	**0.034**	ug/L	0.039	116	144	166	16	KED
⌈	**Zn**	**67**	**-0.040**	ug/L	0.059	149	24	19	33	KED
⌈	**As**	**75**	**0.004**	ug/L	0.006	150	3	4	41	KED
⌊	**Se**	**78**	**0.044**	ug/L	0.065	147	10	12	21	KED
	Y	**89**		ug/L			761675	767036	0	Standard
	Kr	**83**		ug/L			299	321	9	Standard
⌈>	**In-1**	**115**		ug/L			27524	27346	0	KED
⌈	**Mo**	**98**	**0.020**	ug/L	0.006	28	22	56	17	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.005	154	2	3	56	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.005	196	1	3	135	KED
⌈>	**In**	**115**		ug/L			1517127	1525351	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	59	78	90	8	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	193	38	34	17	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.000	15	40	70	7	Standard
⌈>	**Tb**	**159**		ug/L			2418152	2398023	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	8	198	415	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	59	505	602	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0756-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:06:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1532055	1539387	0	Standard
[	Be	9	0.000	ug/L	0.000	73	5	7	25	Standard
	C	13		ug/L			22455	36207	0	Standard
	Cl	37		ug/L			6864286	6932509	0	Standard
[>	Sc	45		ug/L			1502228	1498700	0	Standard
[	Na	23	3.384	ug/L	0.043	1	20849	96308	1	Standard
[	Mg	24	0.474	ug/L	0.011	2	2619	15380	1	Standard
[	Al	27	1.171	ug/L	0.012	1	8386	38609	1	Standard
[	K	39	3.307	ug/L	0.143	4	1120246	1217189	0	Standard
[	Ca	44	2.958	ug/L	0.042	1	6108	9414	1	Standard
[	V	51	0.013	ug/L	0.009	70	6080	6435	3	Standard
[	V-1	51	0.006	ug/L	0.001	22	631	792	4	Standard
[	Cr	52	0.105	ug/L	0.012	11	17895	20552	1	Standard
[	Cr	53	0.074	ug/L	0.012	16	279	517	7	Standard
[	Fe	54	2.847	ug/L	0.319	11	92419	99428	0	Standard
[	Fe	57	0.196	ug/L	0.274	139	21731	21868	1	Standard
[	Mn	55	0.445	ug/L	0.007	1	678	17771	1	Standard
[>	Ge	72		ug/L			91928	92681	0	KED
[	Co	59	-0.000	ug/L	0.000	141	6	5	33	KED
[	Ni	60	0.010	ug/L	0.005	45	19	34	20	KED
[	Ni	62	0.028	ug/L	0.012	42	1	8	32	KED
[	Cu	63	0.019	ug/L	0.001	5	90	175	2	KED
[	Cu	65	0.022	ug/L	0.002	9	52	100	3	KED
[	Zn	66	0.240	ug/L	0.018	7	144	311	4	KED
[	Zn	67	0.152	ug/L	0.108	70	24	41	29	KED
[	As	75	0.005	ug/L	0.007	141	3	4	44	KED
[	Se	78	0.032	ug/L	0.042	133	10	11	12	KED
	Y	89		ug/L			761675	773798	1	Standard
	Kr	83		ug/L			299	324	4	Standard
[>	In-1	115		ug/L			27524	26377	0	KED
[	Mo	98	0.015	ug/L	0.003	23	22	45	11	KED
[	Cd	111	-0.001	ug/L	0.003	444	2	1	50	KED
[	Cd	114	0.000	ug/L	0.002	673	1	1	148	KED
[>	In	115		ug/L			1517127	1523269	2	Standard
[	Ag	107	-0.001	ug/L	0.001	122	78	64	28	Standard
[	Ba	135	-0.001	ug/L	0.001	153	38	33	26	Standard
[	Ba	137	0.003	ug/L	0.001	48	40	81	25	Standard
[>	Tb	159		ug/L			2418152	2406722	0	Standard
[	Tl	205	0.001	ug/L	0.001	40	198	309	14	Standard
[	Pb	208	0.000	ug/L	0.000	21	505	548	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0756-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:11:39

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1532055	1510263	0	Standard
[	**Be**	**9**	**27.130**	ug/L	0.452	1	5	229809	1	Standard
	C	**13**		ug/L			22455	45871	1	Standard
	Cl	**37**		ug/L			6864286	7532324	0	Standard
[>	**Sc**	**45**		ug/L			1502228	1492465	1	Standard
[	**Na**	**23**	**4962.923**	ug/L	66.879	1	20849	110293667	1	Standard
[	**Mg**	**24**	**5165.071**	ug/L	75.913	1	2619	138631490	0	Standard
[	**Al**	**27**	**5024.865**	ug/L	132.761	2	8386	129252293	1	Standard
[	**K**	**39**	**5218.340**	ug/L	39.390	0	1120246	157575884	1	Standard
[	**Ca**	**44**	**5279.736**	ug/L	106.599	2	6108	5907814	1	Standard
[	**V**	**51**	**29.921**	ug/L	0.140	0	6080	861511	1	Standard
[	**V-1**	**51**	**29.285**	ug/L	0.183	0	631	865271	1	Standard
[	**Cr**	**52**	**29.043**	ug/L	0.317	1	17895	762638	0	Standard
[	**Cr**	**53**	**27.248**	ug/L	0.063	0	279	87380	1	Standard
[	**Fe**	**54**	**5111.795**	ug/L	99.819	1	92419	13013332	0	Standard
[	**Fe**	**57**	**5115.042**	ug/L	23.270	0	21731	4880135	1	Standard
[	**Mn**	**55**	**30.901**	ug/L	0.154	0	678	1182575	1	Standard
[>	**Ge**	**72**		ug/L			91928	92234	1	KED
[	**Co**	**59**	**26.878**	ug/L	0.023	0	6	147747	1	KED
[	**Ni**	**60**	**27.119**	ug/L	0.163	0	19	41977	0	KED
[	**Ni**	**62**	**27.276**	ug/L	0.554	2	1	6781	2	KED
[	**Cu**	**63**	**27.218**	ug/L	0.407	1	90	118899	0	KED
[	**Cu**	**65**	**27.018**	ug/L	0.301	1	52	59481	0	KED
[	**Zn**	**66**	**86.384**	ug/L	1.662	1	144	59360	0	KED
[	**Zn**	**67**	**83.636**	ug/L	1.025	1	24	9292	1	KED
[	**As**	**75**	**26.815**	ug/L	0.199	0	3	8579	0	KED
[	**Se**	**78**	**87.026**	ug/L	0.762	0	10	3339	0	KED
	Y	**89**		ug/L			761675	776966	1	Standard
	Kr	**83**		ug/L			299	309	1	Standard
[>	**In-1**	**115**		ug/L			27524	26173	0	KED
[	**Mo**	**98**	**25.375**	ug/L	0.204	0	22	40838	1	KED
[	**Cd**	**111**	**28.556**	ug/L	0.629	2	2	10766	1	KED
[	**Cd**	**114**	**27.872**	ug/L	0.798	2	1	27343	2	KED
[>	**In**	**115**		ug/L			1517127	1504222	1	Standard
[	**Ag**	**107**	**29.433**	ug/L	0.398	1	78	558160	2	Standard
[	**Ba**	**135**	**26.978**	ug/L	0.249	0	38	202442	1	Standard
[	**Ba**	**137**	**26.764**	ug/L	0.178	0	40	352986	1	Standard
[>	**Tb**	**159**		ug/L			2418152	2478983	0	Standard
[	**Tl**	**205**	**27.999**	ug/L	0.144	0	198	2390874	0	Standard
[	**Pb**	**208**	**29.544**	ug/L	0.227	0	505	3352257	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0338-01RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:21:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1532055	1500563	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	80	5	13	51	Standard
	C	**13**		ug/L			22455	34490	0	Standard
	Cl	**37**		ug/L			6864286	6915092	0	Standard
[>	**Sc**	**45**		ug/L			1502228	1496532	2	Standard
[	**Na**	**23**	**4421.349**	ug/L	88.652	2	20849	98524370	2	Standard
[	**Mg**	**24**	**1249.024**	ug/L	19.476	1	2619	33614411	0	Standard
[	**Al**	**27**	**118.398**	ug/L	2.613	2	8386	3061748	1	Standard
[	**K**	**39**	**2809.497**	ug/L	71.573	2	1120246	85559008	1	Standard
[	**Ca**	**44**	**5902.885**	ug/L	164.845	2	6108	6620480	1	Standard
[	**V**	**51**	**0.123**	ug/L	0.005	3	6080	9589	3	Standard
[	**V-1**	**51**	**0.129**	ug/L	0.002	1	631	4451	1	Standard
[	**Cr**	**52**	**0.439**	ug/L	0.006	1	17895	29130	2	Standard
[	**Cr**	**53**	**0.428**	ug/L	0.013	2	279	1648	0	Standard
[	**Fe**	**54**	**406.165**	ug/L	4.190	1	92419	1121725	2	Standard
[	**Fe**	**57**	**410.457**	ug/L	3.974	0	21731	412586	2	Standard
[	**Mn**	**55**	**6.098**	ug/L	0.094	1	678	234486	0	Standard
[>	**Ge**	**72**		ug/L			91928	88461	2	KED
[	**Co**	**59**	**0.006**	ug/L	0.000	6	6	38	5	KED
[	**Ni**	**60**	**0.102**	ug/L	0.018	17	19	169	17	KED
[	**Ni**	**62**	**0.091**	ug/L	0.013	14	1	23	12	KED
[	**Cu**	**63**	**2.597**	ug/L	0.078	3	90	10957	1	KED
[	**Cu**	**65**	**2.589**	ug/L	0.064	2	52	5510	1	KED
[	**Zn**	**66**	**0.657**	ug/L	0.085	12	144	570	8	KED
[	**Zn**	**67**	**0.989**	ug/L	0.093	9	24	128	7	KED
[	**As**	**75**	**0.055**	ug/L	0.011	20	3	20	16	KED
[	**Se**	**78**	**0.090**	ug/L	0.092	102	10	13	24	KED
	Y	**89**		ug/L			761675	783124	0	Standard
	Kr	**83**		ug/L			299	326	1	Standard
[>	**In-1**	**115**		ug/L			27524	27078	0	KED
[	**Mo**	**98**	**0.117**	ug/L	0.002	1	22	216	1	KED
[	**Cd**	**111**	**0.003**	ug/L	0.006	241	2	3	75	KED
[	**Cd**	**114**	**0.010**	ug/L	0.003	34	1	10	30	KED
[>	**In**	**115**		ug/L			1517127	1550688	3	Standard
[	**Ag**	**107**	**0.462**	ug/L	0.007	1	78	9101	2	Standard
[	**Ba**	**135**	**8.057**	ug/L	0.117	1	38	62341	2	Standard
[	**Ba**	**137**	**7.939**	ug/L	0.226	2	40	107897	1	Standard
[>	**Tb**	**159**		ug/L			2418152	2458441	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	10	198	301	4	Standard
[	**Pb**	**208**	**0.034**	ug/L	0.002	4	505	4343	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0370-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:26:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1532055	1478517	1	Standard
[	Be	9	0.004	ug/L	0.001	16	5	35	15	Standard
	C	13		ug/L			22455	43792	1	Standard
	Cl	37		ug/L			6864286	8284013	0	Standard
[>	Sc	45		ug/L			1502228	1552168	1	Standard
[	Na	23	17325.762	ug/L	346.713	2	20849	400315721	0	Standard
[	Mg	24	3199.684	ug/L	24.924	0	2619	89327619	2	Standard
[	Al	27	111.098	ug/L	0.787	0	8386	2980818	1	Standard
[	K	39	2463.122	ug/L	51.591	2	1120246	77949594	1	Standard
[	Ca	44	13560.953	ug/L	304.974	2	6108	15770036	2	Standard
[	V	51	0.487	ug/L	0.049	9	6080	20781	8	Standard
[	V-1	51	0.898	ug/L	0.012	1	631	28214	2	Standard
[	Cr	52	9.848	ug/L	0.082	0	17895	281172	1	Standard
[	Cr	53	10.185	ug/L	0.067	0	279	34149	1	Standard
[	Fe	54	1180.952	ug/L	17.634	1	92419	3200481	2	Standard
[	Fe	57	1339.692	ug/L	12.588	0	21731	1345802	1	Standard
[	Mn	55	168.215	ug/L	1.872	1	678	6691036	0	Standard
[>	Ge	72		ug/L			91928	87531	0	KED
[	Co	59	0.175	ug/L	0.002	1	6	919	1	KED
[	Ni	60	0.431	ug/L	0.028	6	19	650	5	KED
[	Ni	62	0.420	ug/L	0.083	19	1	100	19	KED
[	Cu	63	1.165	ug/L	0.041	3	90	4910	3	KED
[	Cu	65	1.169	ug/L	0.016	1	52	2489	1	KED
[	Zn	66	12.144	ug/L	0.150	1	144	8039	0	KED
[	Zn	67	12.124	ug/L	0.726	5	24	1297	5	KED
[	As	75	29.858	ug/L	0.177	0	3	9066	0	KED
[	Se	78	0.149	ug/L	0.113	75	10	15	26	KED
	Y	89		ug/L			761675	772426	2	Standard
	Kr	83		ug/L			299	329	11	Standard
[>	In-1	115		ug/L			27524	25439	2	KED
[	Mo	98	2.549	ug/L	0.118	4	22	4003	3	KED
[	Cd	111	0.020	ug/L	0.014	67	2	9	51	KED
[	Cd	114	0.016	ug/L	0.005	30	1	16	30	KED
[>	In	115		ug/L			1517127	1532975	1	Standard
[	Ag	107	0.010	ug/L	0.002	16	78	266	10	Standard
[	Ba	135	5.732	ug/L	0.058	1	38	43863	1	Standard
[	Ba	137	5.724	ug/L	0.069	1	40	76960	1	Standard
[>	Tb	159		ug/L			2418152	2430197	0	Standard
[	Tl	205	0.001	ug/L	0.000	29	198	306	11	Standard
[	Pb	208	1.047	ug/L	0.025	2	505	116969	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0756-DUP1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:34:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1532055	1493300	1	Standard
[	Be	9	0.004	ug/L	0.000	7	5	37	7	Standard
	C	13		ug/L			22455	41229	0	Standard
	Cl	37		ug/L			6864286	8324559	1	Standard
[>	Sc	45		ug/L			1502228	1538658	2	Standard
[	Na	23	17949.980	ug/L	341.104	1	20849	411122204	0	Standard
[	Mg	24	3287.447	ug/L	52.812	1	2619	90964456	1	Standard
[	Al	27	96.771	ug/L	1.677	1	8386	2574488	0	Standard
[	K	39	2532.549	ug/L	27.117	1	1120246	79422240	1	Standard
[	Ca	44	13851.475	ug/L	280.583	2	6108	15965275	0	Standard
[	V	51	0.503	ug/L	0.046	9	6080	21054	6	Standard
[	V-1	51	0.850	ug/L	0.015	1	631	26526	1	Standard
[	Cr	52	8.312	ug/L	0.084	1	17895	238100	1	Standard
[	Cr	53	8.609	ug/L	0.076	0	279	28655	1	Standard
[	Fe	54	1133.301	ug/L	14.351	1	92419	3048035	0	Standard
[	Fe	57	1276.885	ug/L	6.956	0	21731	1272591	1	Standard
[	Mn	55	165.829	ug/L	2.078	1	678	6538604	1	Standard
[>	Ge	72		ug/L			91928	87634	1	KED
[	Co	59	0.168	ug/L	0.011	6	6	885	5	KED
[	Ni	60	0.430	ug/L	0.028	6	19	649	5	KED
[	Ni	62	0.420	ug/L	0.049	11	1	100	10	KED
[	Cu	63	1.123	ug/L	0.018	1	90	4743	1	KED
[	Cu	65	1.106	ug/L	0.043	3	52	2362	4	KED
[	Zn	66	12.168	ug/L	0.243	1	144	8063	1	KED
[	Zn	67	12.439	ug/L	0.801	6	24	1332	5	KED
[	As	75	27.914	ug/L	0.094	0	3	8486	1	KED
[	Se	78	0.132	ug/L	0.093	70	10	14	22	KED
	Y	89		ug/L			761675	778102	2	Standard
	Kr	83		ug/L			299	338	8	Standard
[>	In-1	115		ug/L			27524	26142	2	KED
[	Mo	98	2.305	ug/L	0.029	1	22	3725	3	KED
[	Cd	111	0.021	ug/L	0.003	16	2	9	11	KED
[	Cd	114	0.014	ug/L	0.008	53	1	15	48	KED
[>	In	115		ug/L			1517127	1511603	2	Standard
[	Ag	107	0.008	ug/L	0.000	5	78	231	6	Standard
[	Ba	135	5.872	ug/L	0.084	1	38	44303	1	Standard
[	Ba	137	5.841	ug/L	0.087	1	40	77432	0	Standard
[>	Tb	159		ug/L			2418152	2428022	0	Standard
[	Tl	205	0.002	ug/L	0.000	24	198	366	11	Standard
[	Pb	208	1.010	ug/L	0.003	0	505	112783	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0756-MS1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:39:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6			ug/L			1532055	1499459	0	Standard
[	Be	9		4.811	ug/L	0.044	0	5	40466	0	Standard
	C	13			ug/L			22455	39101	1	Standard
	Cl	37			ug/L			6864286	8317680	1	Standard
[>	Sc	45			ug/L			1502228	1552842	2	Standard
[	Na	23	STL	17720.769	ug/L	227.716	1	20849	409650612	1	Standard
[	Mg	24		4099.658	ug/L	89.521	2	2619	114466501	0	Standard
[	Al	27		1028.026	ug/L	11.973	1	8386	27523117	2	Standard
[	K	39		3443.051	ug/L	45.362	1	1120246	108568399	2	Standard
[	Ca	44	STL	14077.985	ug/L	192.357	1	6108	16377523	1	Standard
[	V	51		5.694	ug/L	0.066	1	6080	175632	1	Standard
[	V-1	51		5.774	ug/L	0.041	0	631	177999	1	Standard
[	Cr	52		11.730	ug/L	0.097	0	17895	331478	1	Standard
[	Cr	53		11.402	ug/L	0.030	0	279	38214	2	Standard
[	Fe	54		1996.023	ug/L	28.028	1	92419	5345607	2	Standard
[	Fe	57		2051.983	ug/L	40.258	1	21731	2050116	2	Standard
[	Mn	55	STL	161.046	ug/L	0.356	0	678	6409677	2	Standard
[>	Ge	72			ug/L			91928	89366	1	KED
[	Co	59		5.096	ug/L	0.111	2	6	27147	2	KED
[	Ni	60		5.285	ug/L	0.049	0	19	7941	1	KED
[	Ni	62		5.187	ug/L	0.092	1	1	1250	1	KED
[	Cu	63		5.886	ug/L	0.072	1	90	24980	0	KED
[	Cu	65		5.901	ug/L	0.034	0	52	12629	1	KED
[	Zn	66		26.772	ug/L	0.157	0	144	17923	0	KED
[	Zn	67		26.240	ug/L	0.726	2	24	2840	1	KED
[	As	75	STL	30.334	ug/L	0.218	0	3	9403	0	KED
[	Se	78		15.581	ug/L	0.585	3	10	587	2	KED
	Y	89			ug/L			761675	783509	2	Standard
	Kr	83			ug/L			299	343	3	Standard
[>	In-1	115			ug/L			27524	26013	1	KED
[	Mo	98		7.063	ug/L	0.060	0	22	11312	0	KED
[	Cd	111		5.047	ug/L	0.176	3	2	1893	3	KED
[	Cd	114		4.978	ug/L	0.158	3	1	4854	2	KED
[>	In	115			ug/L			1517127	1525519	2	Standard
[	Ag	107		4.945	ug/L	0.083	1	78	95157	2	Standard
[	Ba	135		10.309	ug/L	0.175	1	38	78460	1	Standard
[	Ba	137		10.143	ug/L	0.119	1	40	135656	1	Standard
[>	Tb	159			ug/L			2418152	2451406	0	Standard
[	Tl	205		5.404	ug/L	0.037	0	198	456452	0	Standard
[	Pb	208		6.237	ug/L	0.077	1	505	700243	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:46:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1532055	1517957	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	91	5	8	35	Standard
	C	**13**		ug/L			22455	32382	1	Standard
	Cl	**37**		ug/L			6864286	7287417	1	Standard
⌈>	**Sc**	**45**		ug/L			1502228	1486050	1	Standard
⌈	**Na**	**23**	**1.239**	ug/L	0.019	1	20849	48044	0	Standard
⌈	**Mg**	**24**	**0.539**	ug/L	0.011	1	2619	16984	2	Standard
⌈	**Al**	**27**	**0.508**	ug/L	0.008	1	8386	21314	1	Standard
⌈	**K**	**39**	**3.205**	ug/L	0.695	21	1120246	1203703	0	Standard
⌈	**Ca**	**44**	**4.445**	ug/L	0.365	8	6108	10986	2	Standard
⌈	**V**	**51**	**0.002**	ug/L	0.002	74	6080	6083	2	Standard
⌈	**V-1**	**51**	**0.011**	ug/L	0.001	10	631	958	2	Standard
⌈	**Cr**	**52**	**0.015**	ug/L	0.006	41	17895	18092	2	Standard
⌈	**Cr**	**53**	**0.040**	ug/L	0.007	17	279	405	4	Standard
⌈	**Fe**	**54**	**-0.292**	ug/L	0.537	183	92419	90675	0	Standard
⌈	**Fe**	**57**	**-9.130**	ug/L	0.103	1	21731	12862	1	Standard
⌊	**Mn**	**55**	**0.015**	ug/L	0.001	3	678	1238	2	Standard
⌈>	**Ge**	**72**		ug/L			91928	90906	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	154	6	5	33	KED
⌈	**Ni**	**60**	**0.021**	ug/L	0.005	25	19	50	15	KED
⌈	**Ni**	**62**	**0.031**	ug/L	0.008	25	1	9	20	KED
⌈	**Cu**	**63**	**0.019**	ug/L	0.000	0	90	168	1	KED
⌈	**Cu**	**65**	**0.008**	ug/L	0.007	77	52	69	20	KED
⌈	**Zn**	**66**	**0.388**	ug/L	0.059	15	144	405	9	KED
⌈	**Zn**	**67**	**0.339**	ug/L	0.058	17	24	60	10	KED
⌈	**As**	**75**	**0.001**	ug/L	0.004	335	3	3	32	KED
⌊	**Se**	**78**	**0.000**	ug/L	0.089	90342	10	10	31	KED
	Y	**89**		ug/L			761675	773607	0	Standard
	Kr	**83**		ug/L			299	303	5	Standard
⌈>	**In-1**	**115**		ug/L			27524	27436	0	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	102	22	19	13	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.002	147	2	2	33	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.001	791	1	1	104	KED
⌈>	**In**	**115**		ug/L			1517127	1505808	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.000	22	78	116	7	Standard
⌈	**Ba**	**135**	**0.011**	ug/L	0.005	48	38	116	32	Standard
⌊	**Ba**	**137**	**0.013**	ug/L	0.002	13	40	206	11	Standard
⌈>	**Tb**	**159**		ug/L			2418152	2371751	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	45	198	175	4	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.000	5	505	1384	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0755-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:51:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1532055	1497431	2	Standard
[	Be	9	0.000	ug/L	0.000	246	5	5	33	Standard
	C	13		ug/L			22455	42628	1	Standard
	Cl	37		ug/L			6864286	7279676	0	Standard
[>	Sc	45		ug/L			1502228	1479900	0	Standard
[	Na	23	0.816	ug/L	0.019	2	20849	38513	1	Standard
[	Mg	24	0.459	ug/L	0.004	0	2619	14807	0	Standard
[	Al	27	1.183	ug/L	0.023	1	8386	38434	1	Standard
[	K	39	3.045	ug/L	0.188	6	1120246	1194122	0	Standard
[	Ca	44	3.789	ug/L	0.109	2	6108	10217	1	Standard
[	V	51	0.015	ug/L	0.005	37	6080	6404	2	Standard
[	V-1	51	0.018	ug/L	0.001	3	631	1149	1	Standard
[	Cr	52	0.181	ug/L	0.013	7	17895	22241	1	Standard
[	Cr	53	0.176	ug/L	0.007	3	279	832	2	Standard
[	Fe	54	2.358	ug/L	0.492	20	92419	96955	1	Standard
[	Fe	57	-8.263	ug/L	0.318	3	21731	13626	2	Standard
[	Mn	55	0.048	ug/L	0.001	2	678	2491	2	Standard
[>	Ge	72		ug/L			91928	90661	0	KED
[	Co	59	-0.001	ug/L	0.001	78	6	3	91	KED
[	Ni	60	0.006	ug/L	0.002	33	19	27	10	KED
[	Ni	62	0.026	ug/L	0.012	46	1	8	35	KED
[	Cu	63	0.046	ug/L	0.002	3	90	285	2	KED
[	Cu	65	0.044	ug/L	0.016	36	52	145	22	KED
[	Zn	66	0.179	ug/L	0.035	19	144	263	8	KED
[	Zn	67	0.143	ug/L	0.091	63	24	39	24	KED
[	As	75	-0.002	ug/L	0.003	172	3	2	36	KED
[	Se	78	0.016	ug/L	0.039	253	10	11	13	KED
	Y	89		ug/L			761675	761578	0	Standard
	Kr	83		ug/L			299	286	7	Standard
[>	In-1	115		ug/L			27524	26576	1	KED
[	Mo	98	0.004	ug/L	0.005	134	22	28	29	KED
[	Cd	111	0.001	ug/L	0.005	510	2	2	78	KED
[	Cd	114	0.000	ug/L	0.002	447	1	1	122	KED
[>	In	115		ug/L			1517127	1514645	0	Standard
[	Ag	107	0.000	ug/L	0.001	674	78	80	22	Standard
[	Ba	135	0.001	ug/L	0.001	64	38	46	11	Standard
[	Ba	137	0.002	ug/L	0.001	41	40	64	15	Standard
[>	Tb	159		ug/L			2418152	2374886	1	Standard
[	Tl	205	-0.001	ug/L	0.000	1	198	102	1	Standard
[	Pb	208	-0.000	ug/L	0.000	35	505	448	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0755-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 19:56:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1532055	1470997	0	Standard
[	Be	9	25.412	ug/L	0.522	2	5	209658	2	Standard
	C	13		ug/L			22455	49399	1	Standard
	Cl	37		ug/L			6864286	7404390	0	Standard
[>	Sc	45		ug/L			1502228	1472904	1	Standard
[	Na	23	5040.057	ug/L	45.159	0	20849	110544389	1	Standard
[	Mg	24	5168.140	ug/L	68.446	1	2619	136927182	2	Standard
[	Al	27	5034.447	ug/L	5.281	0	8386	127823131	1	Standard
[	K	39	5234.693	ug/L	108.896	2	1120246	155991959	2	Standard
[	Ca	44	5260.279	ug/L	42.875	0	6108	5808840	1	Standard
[	V	51	27.723	ug/L	0.331	1	6080	788225	2	Standard
[	V-1	51	27.124	ug/L	0.268	0	631	790972	2	Standard
[	Cr	52	26.982	ug/L	0.425	1	17895	700549	2	Standard
[	Cr	53	25.282	ug/L	0.230	0	279	80040	2	Standard
[	Fe	54	5164.986	ug/L	73.272	1	92419	12975595	0	Standard
[	Fe	57	5190.349	ug/L	33.770	0	21731	4886877	1	Standard
[	Mn	55	28.580	ug/L	0.221	0	678	1079368	0	Standard
[>	Ge	72		ug/L			91928	90417	1	KED
[	Co	59	25.274	ug/L	0.121	0	6	136187	0	KED
[	Ni	60	25.183	ug/L	0.369	1	19	38212	0	KED
[	Ni	62	25.747	ug/L	1.279	4	1	6273	3	KED
[	Cu	63	25.553	ug/L	0.472	1	90	109429	0	KED
[	Cu	65	25.532	ug/L	0.046	0	52	55109	1	KED
[	Zn	66	81.601	ug/L	1.480	1	144	54979	0	KED
[	Zn	67	78.571	ug/L	1.320	1	24	8558	1	KED
[	As	75	25.327	ug/L	0.427	1	3	7943	0	KED
[	Se	78	81.481	ug/L	1.042	1	10	3066	0	KED
	Y	89		ug/L			761675	763153	1	Standard
	Kr	83		ug/L			299	303	5	Standard
[>	In-1	115		ug/L			27524	25940	1	KED
[	Mo	98	24.864	ug/L	0.123	0	22	39656	0	KED
[	Cd	111	26.292	ug/L	0.275	1	2	9825	0	KED
[	Cd	114	26.210	ug/L	0.311	1	1	25485	1	KED
[>	In	115		ug/L			1517127	1494137	0	Standard
[	Ag	107	27.039	ug/L	0.249	0	78	509311	1	Standard
[	Ba	135	24.762	ug/L	0.220	0	38	184583	1	Standard
[	Ba	137	24.454	ug/L	0.492	2	40	320371	2	Standard
[>	Tb	159		ug/L			2418152	2404112	0	Standard
[	Tl	205	26.223	ug/L	0.172	0	198	2171564	0	Standard
[	Pb	208	27.930	ug/L	0.371	1	505	3073330	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0756-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 20:02:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1532055	1477392	1	Standard
[	Be	9	26.172	ug/L	0.224	0	5	216869	2	Standard
	C	13		ug/L			22455	40885	0	Standard
	Cl	37		ug/L			6864286	7379232	1	Standard
[>	Sc	45		ug/L			1502228	1467089	1	Standard
[	Na	23	4707.020	ug/L	42.334	0	20849	102842552	2	Standard
[	Mg	24	4791.880	ug/L	68.887	1	2619	126434331	1	Standard
[	Al	27	4811.466	ug/L	131.670	2	8386	121649202	1	Standard
[	K	39	4862.338	ug/L	108.627	2	1120246	144435701	3	Standard
[	Ca	44	4906.430	ug/L	33.129	0	6108	5397198	0	Standard
[	V	51	28.510	ug/L	0.268	0	6080	807142	0	Standard
[	V-1	51	27.804	ug/L	0.263	0	631	807497	0	Standard
[	Cr	52	27.662	ug/L	0.316	1	17895	714847	0	Standard
[	Cr	53	25.658	ug/L	0.627	2	279	80891	1	Standard
[	Fe	54	4818.408	ug/L	50.343	1	92419	12063813	0	Standard
[	Fe	57	4815.641	ug/L	66.050	1	21731	4517096	0	Standard
[	Mn	55	29.315	ug/L	0.496	1	678	1102709	1	Standard
[>	Ge	72		ug/L			91928	90842	0	KED
[	Co	59	25.579	ug/L	0.297	1	6	138482	1	KED
[	Ni	60	25.627	ug/L	0.393	1	19	39069	0	KED
[	Ni	62	26.241	ug/L	0.383	1	1	6426	2	KED
[	Cu	63	25.705	ug/L	0.437	1	90	110606	1	KED
[	Cu	65	25.503	ug/L	0.762	2	52	55297	2	KED
[	Zn	66	82.930	ug/L	1.534	1	144	56135	0	KED
[	Zn	67	78.013	ug/L	1.240	1	24	8538	1	KED
[	As	75	25.634	ug/L	0.308	1	3	8079	2	KED
[	Se	78	82.804	ug/L	0.126	0	10	3130	1	KED
	Y	89		ug/L			761675	751008	1	Standard
	Kr	83		ug/L			299	292	3	Standard
[>	In-1	115		ug/L			27524	25988	1	KED
[	Mo	98	23.389	ug/L	0.134	0	22	37374	1	KED
[	Cd	111	26.088	ug/L	0.214	0	2	9768	2	KED
[	Cd	114	26.354	ug/L	0.570	2	1	25669	1	KED
[>	In	115		ug/L			1517127	1482424	0	Standard
[	Ag	107	27.631	ug/L	0.202	0	78	516379	1	Standard
[	Ba	135	25.256	ug/L	0.042	0	38	186785	0	Standard
[	Ba	137	25.194	ug/L	0.147	0	40	327448	0	Standard
[>	Tb	159		ug/L			2418152	2402740	1	Standard
[	Tl	205	26.990	ug/L	0.112	0	198	2233930	1	Standard
[	Pb	208	28.461	ug/L	0.242	0	505	3129843	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 20:08:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1532055	1385736	9	Standard
	Be	9	51.941	ug/L	3.958	7	5	401854	2	Standard
	C	13		ug/L			22455	27146	1	Standard
	Cl	37		ug/L			6864286	7399485	2	Standard
>	Sc	45		ug/L			1502228	1374966	9	Standard
	Na	23	5124.674	ug/L	401.832	7	20849	104407802	2	Standard
	Mg	24	5289.440	ug/L	375.006	7	2619	130232302	3	Standard
	Al	27	5127.889	ug/L	426.538	8	8386	120897614	1	Standard
	K	39	5268.367	ug/L	472.750	8	1120246	145729762	1	Standard
	Ca	44	5278.567	ug/L	406.639	7	6108	5415419	2	Standard
	V	51	57.760	ug/L	4.765	8	6080	1519061	1	Standard
	V-1	51	56.601	ug/L	4.655	8	631	1532139	1	Standard
	Cr	52	55.394	ug/L	3.764	6	17895	1319749	3	Standard
	Cr	53	52.191	ug/L	3.538	6	279	153314	3	Standard
	Fe	54	5306.472	ug/L	446.730	8	92419	12378236	1	Standard
	Fe	57	5298.888	ug/L	371.221	7	21731	4636320	2	Standard
	Mn	55	54.163	ug/L	7.632	14	678	1892123	3	Standard
>	Ge	72		ug/L			91928	89674	0	KED
	Co	59	49.279	ug/L	0.332	0	6	263362	0	KED
	Ni	60	49.537	ug/L	1.555	3	19	74536	2	KED
	Ni	62	49.203	ug/L	1.004	2	1	11891	1	KED
	Cu	63	50.299	ug/L	0.659	1	90	213578	1	KED
	Cu	65	50.034	ug/L	0.864	1	52	107058	1	KED
	Zn	66	49.582	ug/L	0.128	0	144	33190	0	KED
	Zn	67	50.443	ug/L	1.574	3	24	5458	2	KED
	As	75	49.492	ug/L	0.220	0	3	15394	0	KED
	Se	78	49.726	ug/L	0.856	1	10	1860	1	KED
	Y	89		ug/L			761675	721089	9	Standard
	Kr	83		ug/L			299	327	4	Standard
>	In-1	115		ug/L			27524	26206	1	KED
	Mo	98	49.925	ug/L	0.589	1	22	80418	0	KED
	Cd	111	51.072	ug/L	0.354	0	2	19280	1	KED
	Cd	114	50.029	ug/L	0.522	1	1	49144	1	KED
>	In	115		ug/L			1517127	1393808	12	Standard
	Ag	107	56.534	ug/L	5.701	10	78	984898	3	Standard
	Ba	135	51.873	ug/L	5.729	11	38	357314	2	Standard
	Ba	137	51.610	ug/L	6.033	11	40	624468	1	Standard
>	Tb	159		ug/L			2418152	2300413	8	Standard
	Tl	205	52.537	ug/L	3.874	7	198	4145278	1	Standard
	Pb	208	55.077	ug/L	3.637	6	505	5776745	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 20:15:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1532055	1455495	0	Standard
	Be	**9**	**50.317**	ug/L	0.877	1	5	410750	1	Standard
	C	**13**		ug/L			22455	26445	1	Standard
	Cl	**37**		ug/L			6864286	7474441	0	Standard
>	**Sc**	**45**		ug/L			1502228	1463775	0	Standard
	Na	**23**	**4881.039**	ug/L	58.196	1	20849	106388761	0	Standard
	Mg	**24**	**5037.236**	ug/L	61.836	1	2619	132627455	2	Standard
	Al	**27**	**4923.745**	ug/L	28.755	0	8386	124234352	0	Standard
	K	**39**	**5041.728**	ug/L	42.918	0	1120246	149354893	1	Standard
	Ca	**44**	**5030.478**	ug/L	104.799	2	6108	5520667	1	Standard
	V	**51**	**54.657**	ug/L	0.280	0	6080	1538583	0	Standard
	V-1	**51**	**53.526**	ug/L	0.264	0	631	1550588	1	Standard
	Cr	**52**	**52.462**	ug/L	0.243	0	17895	1337124	0	Standard
	Cr	**53**	**49.327**	ug/L	0.341	0	279	154934	1	Standard
	Fe	**54**	**4972.419**	ug/L	67.980	1	92419	12419583	1	Standard
	Fe	**57**	**4947.448**	ug/L	106.345	2	21731	4630721	2	Standard
	Mn	**55**	**49.216**	ug/L	0.129	0	678	1846894	1	Standard
>	**Ge**	**72**		ug/L			91928	89389	1	KED
	Co	**59**	**49.392**	ug/L	0.368	0	6	263122	1	KED
	Ni	**60**	**50.346**	ug/L	0.870	1	19	75512	1	KED
	Ni	**62**	**50.337**	ug/L	0.344	0	1	12127	0	KED
	Cu	**63**	**50.590**	ug/L	0.084	0	90	214128	0	KED
	Cu	**65**	**50.006**	ug/L	0.526	1	52	106655	0	KED
	Zn	**66**	**50.577**	ug/L	0.875	1	144	33742	0	KED
	Zn	**67**	**49.805**	ug/L	0.494	0	24	5372	1	KED
	As	**75**	**49.812**	ug/L	0.447	0	3	15444	1	KED
	Se	**78**	**50.907**	ug/L	1.514	2	10	1897	2	KED
	Y	**89**		ug/L			761675	767023	3	Standard
	Kr	**83**		ug/L			299	320	14	Standard
>	**In-1**	**115**		ug/L			27524	26148	0	KED
	Mo	**98**	**49.668**	ug/L	0.534	1	22	79838	1	KED
	Cd	**111**	**50.400**	ug/L	0.525	1	2	18985	1	KED
	Cd	**114**	**49.746**	ug/L	0.906	1	1	48764	2	KED
>	**In**	**115**		ug/L			1517127	1469357	0	Standard
	Ag	**107**	**53.851**	ug/L	0.936	1	78	997508	2	Standard
	Ba	**135**	**48.881**	ug/L	0.519	1	38	358290	1	Standard
	Ba	**137**	**48.627**	ug/L	0.478	0	40	626418	1	Standard
>	**Tb**	**159**		ug/L			2418152	2378418	0	Standard
	Tl	**205**	**50.971**	ug/L	0.473	0	198	4175725	0	Standard
	Pb	**208**	**53.260**	ug/L	0.580	1	505	5797457	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 20:23:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

DEL

MISSED TUBE

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1532055	4570	2	Standard
[	**Be**	**9**	**0.324**	ug/L	0.194	59	5	8	58	Standard
	C	**13**		ug/L			22455	20354	3	Standard
	Cl	**37**		ug/L			6864286	6006097	0	Standard
[>	**Sc**	**45**		ug/L			1502228	523	5	Standard
[	**Na**	**23**	**2426.983**	ug/L	128.840	5	20849	18874	0	Standard
[	**Mg**	**24**	**145.566**	ug/L	4.088	2	2619	1369	3	Standard
[	**Al**	**27**	**516.327**	ug/L	47.324	9	8386	4645	4	Standard
[	**K**	**39**	**91001.935**	ug/L	5523.199	6	1120246	954762	0	Standard
[	**Ca**	**44**	**13777.773**	ug/L	378.661	2	6108	5395	2	Standard
[	**V**	**51**	**461.635**	ug/L	22.210	4	6080	4620	0	Standard
[	**V-1**	**51**	**36.054**	ug/L	4.341	12	631	371	6	Standard
[	**Cr**	**52**	**1516.428**	ug/L	86.112	5	17895	13611	0	Standard
[	**Cr**	**53**	**160.975**	ug/L	26.951	16	279	179	11	Standard
[	**Fe**	**54**	**173137.707**	ug/L	11276.128	6	92419	153106	1	Standard
[	**Fe**	**57**	**42104.197**	ug/L	2545.538	6	21731	13996	1	Standard
[	**Mn**	**55**	**69.805**	ug/L	4.507	6	678	933	1	Standard
[>	**Ge**	**72**		ug/L			91928	14	41	KED
[	**Co**	**59**	**1.801**	ug/L	1.868	103	6	1	100	KED
[	**Ni**	**60**	**69.312**	ug/L	44.061	63	19	13	15	KED
[	**Ni**	**62**	**163.544**	ug/L	72.635	44	1	6	69	KED
[	**Cu**	**63**	**60.467**	ug/L	39.152	64	90	34	9	KED
[	**Cu**	**65**	**79.097**	ug/L	21.514	27	52	26	36	KED
[	**Zn**	**66**	**610.162**	ug/L	405.551	66	144	53	12	KED
[	**Zn**	**67**	**317.293**	ug/L	132.840	41	24	5	43	KED
[	**As**	**75**	**82.094**	ug/L	69.630	84	3	3	31	KED
[	**Se**	**78**	**1967.540**	ug/L	1162.634	59	10	10	42	KED
	Y	**89**		ug/L			761675	19	5	Standard
	Kr	**83**		ug/L			299	405	7	Standard
[>	**In-1**	**115**		ug/L			27524	4	25	KED
[	**Mo**	**98**	**192.743**	ug/L	64.383	33	22	49	20	KED
[	**Cd**	**111**	**62.525**	ug/L	22.815	36	2	3	25	KED
[	**Cd**	**114**	**20.357**	ug/L	13.111	64	1	3	89	KED
[>	**In**	**115**		ug/L			1517127	44	30	Standard
[	**Ag**	**107**	**124.955**	ug/L	34.528	27	78	66	3	Standard
[	**Ba**	**135**	**150.146**	ug/L	52.033	34	38	31	9	Standard
[	**Ba**	**137**	**136.437**	ug/L	21.410	15	40	51	13	Standard
[>	**Tb**	**159**		ug/L			2418152	39	26	Standard
[	**Tl**	**205**	**287.519**	ug/L	64.487	22	198	374	3	Standard
[	**Pb**	**208**	**263.857**	ug/L	55.345	20	505	457	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 20:43:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1532055	1492937	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	43	5	10	21	Standard
	C	**13**		ug/L			22455	23481	1	Standard
	Cl	**37**		ug/L			6864286	7025928	0	Standard
⌈>	**Sc**	**45**		ug/L			1502228	1458623	1	Standard
⌈	**Na**	**23**	**0.088**	ug/L	0.019	21	20849	22157	0	Standard
⌈	**Mg**	**24**	**0.028**	ug/L	0.002	8	2619	3277	1	Standard
⌈	**Al**	**27**	**0.112**	ug/L	0.011	9	8386	10964	1	Standard
⌈	**K**	**39**	**2.374**	ug/L	0.473	19	1120246	1157159	1	Standard
⌈	**Ca**	**44**	**0.112**	ug/L	0.185	164	6108	6051	1	Standard
⌈	**V**	**51**	**0.002**	ug/L	0.004	248	6080	5944	0	Standard
⌈	**V-1**	**51**	**0.067**	ug/L	0.007	10	631	2536	6	Standard
⌈	**Cr**	**52**	**0.025**	ug/L	0.011	44	17895	17987	0	Standard
⌈	**Cr**	**53**	**0.215**	ug/L	0.019	8	279	942	4	Standard
⌈	**Fe**	**54**	**0.366**	ug/L	0.353	96	92419	90640	2	Standard
⌈	**Fe**	**57**	**-3.160**	ug/L	0.181	5	21731	18167	2	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.002	17	678	1034	5	Standard
⌈>	**Ge**	**72**		ug/L			91928	90717	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	328	6	8	75	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.002	130	19	21	18	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.008	96	1	3	50	KED
⌈	**Cu**	**63**	**0.006**	ug/L	0.006	97	90	116	22	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.005	175	52	57	17	KED
⌈	**Zn**	**66**	**0.052**	ug/L	0.031	58	144	178	13	KED
⌈	**Zn**	**67**	**0.004**	ug/L	0.072	1806	24	24	29	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	487	3	3	28	KED
⌊	**Se**	**78**	**0.024**	ug/L	0.020	84	10	11	8	KED
	Y	**89**		ug/L			761675	767696	2	Standard
	Kr	**83**		ug/L			299	286	7	Standard
⌈>	**In-1**	**115**		ug/L			27524	27632	0	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.003	131	22	18	26	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.005	302	2	2	66	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	320	1	1	110	KED
⌈>	**In**	**115**		ug/L			1517127	1540653	3	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	261	78	85	16	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.000	6	38	52	2	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.000	12	40	82	3	Standard
⌈>	**Tb**	**159**		ug/L			2418152	2400723	1	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	132	198	203	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	14	505	650	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 20:50:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				23171	1	Standard
	Cl	**37**		ug/L				7175507	0	Standard
>	**Sc**	**45**		ug/L				1516711	1	Standard
	Cr	**52**		ug/L				18230	0	Standard
	Cr	**53**		ug/L				492	5	Standard
	Fe	**54**		ug/L				93936	1	Standard
	Fe	**57**		ug/L				19536	1	Standard
	Mn	**55**		ug/L				770	5	Standard
>	**Ge**	**72**		ug/L				92876	1	KED
	Ni	**60**		ug/L				18	58	KED
	Ni	**62**		ug/L				4	107	KED
	Cu	**63**		ug/L				93	12	KED
	Cu	**65**		ug/L				45	6	KED
	Zn	**66**		ug/L				142	16	KED
	Zn	**67**		ug/L				23	30	KED
	As	**75**		ug/L				1	31	KED
	Y	**89**		ug/L				787459	1	Standard
	Kr	**83**		ug/L				283	12	Standard
>	**In-1**	**115**		ug/L				27529	0	KED
	Mo	**98**		ug/L				7	81	KED
	Cd	**111**		ug/L				2	24	KED
	Cd	**114**		ug/L				1	102	KED
>	**In**	**115**		ug/L				1537933	1	Standard
	Ba	**135**		ug/L				46	20	Standard
	Ba	**137**		ug/L				65	11	Standard
>	**Tb**	**159**		ug/L				2446036	1	Standard
	Pb	**208**		ug/L				506	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 20:54:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	27016	2	Standard
	Cl	**37**		ug/L			7175507	7682129	0	Standard
>	**Sc**	**45**		ug/L			1516711	1551020	1	Standard
	Cr	**52**	**52.881**	ug/L	0.618	1	18230	1428061	0	Standard
	Cr	**53**	**49.857**	ug/L	0.926	1	492	166112	0	Standard
	Fe	**54**	**4994.861**	ug/L	114.235	2	93936	13217776	1	Standard
	Fe	**57**	**5023.616**	ug/L	45.902	0	19536	4978575	0	Standard
	Mn	**55**	**49.742**	ug/L	1.034	2	770	1977616	0	Standard
>	**Ge**	**72**		ug/L			92876	92780	0	KED
	Ni	**60**	**49.063**	ug/L	0.861	1	18	76376	1	KED
	Ni	**62**	**49.627**	ug/L	1.182	2	4	12411	2	KED
	Cu	**63**	**50.329**	ug/L	0.343	0	93	221102	0	KED
	Cu	**65**	**50.186**	ug/L	0.453	0	45	111091	0	KED
	Zn	**66**	**50.526**	ug/L	0.468	0	142	34988	1	KED
	Zn	**67**	**50.068**	ug/L	0.449	0	23	5604	1	KED
	As	**75**	**49.632**	ug/L	0.376	0	1	15970	0	KED
	Y	**89**		ug/L			787459	808618	1	Standard
	Kr	**83**		ug/L			283	322	3	Standard
>	**In-1**	**115**		ug/L			27529	27209	1	KED
	Mo	**98**	**49.077**	ug/L	0.503	1	7	82060	0	KED
	Cd	**111**	**50.638**	ug/L	0.614	1	2	19845	0	KED
	Cd	**114**	**50.350**	ug/L	0.867	1	1	51344	0	KED
>	**In**	**115**		ug/L			1537933	1557965	1	Standard
	Ba	**135**	**49.096**	ug/L	1.228	2	46	381479	1	Standard
	Ba	**137**	**48.809**	ug/L	0.842	1	65	666628	1	Standard
>	**Tb**	**159**		ug/L			2446036	2513669	1	Standard
	Pb	**208**	**53.100**	ug/L	1.172	2	506	6107660	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:01:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	22584	1	Standard
	Cl	**37**		ug/L			7175507	7223171	0	Standard
⌈>	**Sc**	**45**		ug/L			1516711	1538894	0	Standard
|	**Cr**	**52**	**-0.014**	ug/L	0.015	109	18230	18137	1	Standard
|	**Cr**	**53**	**-0.075**	ug/L	0.006	8	492	254	8	Standard
|	**Fe**	**54**	**-0.046**	ug/L	0.370	804	93936	95185	0	Standard
|	**Fe**	**57**	**0.072**	ug/L	0.391	544	19536	19891	1	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	81	770	735	4	Standard
⌈>	**Ge**	**72**		ug/L			92876	93574	1	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.004	5229	18	18	33	KED
|	**Ni**	**62**	**0.005**	ug/L	0.000	6	4	5	0	KED
|	**Cu**	**63**	**0.005**	ug/L	0.006	123	93	116	23	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.006	380	45	41	29	KED
|	**Zn**	**66**	**0.042**	ug/L	0.012	27	142	173	3	KED
|	**Zn**	**67**	**-0.030**	ug/L	0.052	172	23	20	30	KED
⌊	**As**	**75**	**0.008**	ug/L	0.012	148	1	4	86	KED
	Y	**89**		ug/L			787459	791796	1	Standard
	Kr	**83**		ug/L			283	318	4	Standard
⌈>	**In-1**	**115**		ug/L			27529	27737	1	KED
|	**Mo**	**98**	**0.024**	ug/L	0.005	20	7	49	16	KED
|	**Cd**	**111**	**0.007**	ug/L	0.008	110	2	5	60	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	153	1	0	247	KED
⌈>	**In**	**115**		ug/L			1537933	1566821	1	Standard
|	**Ba**	**135**	**0.002**	ug/L	0.002	98	46	61	23	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.002	229	65	81	41	Standard
⌈>	**Tb**	**159**		ug/L			2446036	2456161	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	82	506	644	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0783-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:06:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23171	44692	2	Standard
	Cl	37		ug/L			7175507	7123231	0	Standard
>	Sc	45		ug/L			1516711	1548211	1	Standard
	Cr	52	0.142	ug/L	0.008	5	18230	22379	0	Standard
	Cr	53	0.055	ug/L	0.015	26	492	686	5	Standard
	Fe	54	3.139	ug/L	0.572	18	93936	104104	0	Standard
	Fe	57	2.056	ug/L	0.408	19	19536	21964	0	Standard
	Mn	55	0.143	ug/L	0.003	1	770	6452	1	Standard
>	Ge	72		ug/L			92876	94334	1	KED
	Ni	60	0.007	ug/L	0.006	84	18	30	33	KED
	Ni	62	0.007	ug/L	0.015	217	4	6	62	KED
	Cu	63	0.066	ug/L	0.002	2	93	391	2	KED
	Cu	65	0.073	ug/L	0.013	17	45	210	14	KED
	Zn	66	0.441	ug/L	0.022	4	142	453	3	KED
	Zn	67	0.485	ug/L	0.069	14	23	78	9	KED
	As	75	0.006	ug/L	0.001	23	1	3	12	KED
	Y	89		ug/L			787459	804838	0	Standard
	Kr	83		ug/L			283	316	8	Standard
>	In-1	115		ug/L			27529	27882	1	KED
	Mo	98	0.019	ug/L	0.005	27	7	40	22	KED
	Cd	111	-0.002	ug/L	0.003	171	2	1	69	KED
	Cd	114	0.001	ug/L	0.002	271	1	2	115	KED
>	In	115		ug/L			1537933	1559243	1	Standard
	Ba	135	-0.001	ug/L	0.000	26	46	40	4	Standard
	Ba	137	0.002	ug/L	0.001	40	65	93	12	Standard
>	Tb	159		ug/L			2446036	2467988	0	Standard
	Pb	208	0.002	ug/L	0.000	16	506	747	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0783-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:10:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			23171	44169	1	Standard
Cl	37		ug/L			7175507	7323615	0	Standard
> Sc	45		ug/L			1516711	1553357	2	Standard
Cr	52	26.984	ug/L	0.449	1	18230	738840	0	Standard
Cr	53	25.451	ug/L	0.537	2	492	85163	1	Standard
Fe	54	2.455	ug/L	0.724	29	93936	102640	0	Standard
Fe	57	-1.142	ug/L	0.086	7	19536	18879	2	Standard
Mn	55	28.295	ug/L	0.298	1	770	1127013	1	Standard
> Ge	72		ug/L			92876	95065	0	KED
Ni	60	25.450	ug/L	0.469	1	18	40604	1	KED
Ni	62	25.668	ug/L	0.250	0	4	6579	0	KED
Cu	63	25.912	ug/L	0.533	2	93	116680	1	KED
Cu	65	26.343	ug/L	0.139	0	45	59773	0	KED
Zn	66	80.435	ug/L	0.543	0	142	56985	1	KED
Zn	67	77.525	ug/L	1.326	1	23	8878	1	KED
As	75	24.731	ug/L	0.240	0	1	8154	0	KED
Y	89		ug/L			787459	802572	2	Standard
Kr	83		ug/L			283	343	7	Standard
> In-1	115		ug/L			27529	28031	1	KED
Mo	98	0.003	ug/L	0.002	61	7	13	23	KED
Cd	111	26.193	ug/L	0.420	1	2	10576	0	KED
Cd	114	25.527	ug/L	0.345	1	1	26820	0	KED
> In	115		ug/L			1537933	1573547	0	Standard
Ba	135	24.737	ug/L	0.033	0	46	194196	0	Standard
Ba	137	24.479	ug/L	0.117	0	65	337750	0	Standard
> Tb	159		ug/L			2446036	2463691	1	Standard
Pb	208	28.800	ug/L	0.188	0	506	3247431	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0372-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:17:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23171	62388	1	Standard
	Cl	37		ug/L			7175507	7919508	0	Standard
>	Sc	45		ug/L			1516711	1656736	0	Standard
	Cr	52	0.539	ug/L	0.008	1	18230	35266	1	Standard
	Cr	53	0.473	ug/L	0.012	2	492	2215	1	Standard
	Fe	54	8.706	ug/L	0.834	9	93936	127043	2	Standard
	Fe	57	79.182	ug/L	2.085	2	19536	104837	2	Standard
	Mn	55	0.259	ug/L	0.009	3	770	11830	3	Standard
>	Ge	72		ug/L			92876	87831	0	KED
	Ni	60	2.009	ug/L	0.057	2	18	2978	3	KED
	Ni	62	2.206	ug/L	0.170	7	4	526	7	KED
	Cu	63	1.709	ug/L	0.059	3	93	7193	4	KED
	Cu	65	1.723	ug/L	0.011	0	45	3651	0	KED
	Zn	66	1.092	ug/L	0.074	6	142	848	5	KED
	Zn	67	2.196	ug/L	0.126	5	23	253	5	KED
	As	75	0.613	ug/L	0.025	4	1	188	4	KED
	Y	89		ug/L			787459	795555	1	Standard
	Kr	83		ug/L			283	311	3	Standard
>	In-1	115		ug/L			27529	27001	1	KED
	Mo	98	4.048	ug/L	0.011	0	7	6724	1	KED
	Cd	111	0.005	ug/L	0.004	72	2	4	35	KED
	Cd	114	0.009	ug/L	0.002	22	1	10	20	KED
>	In	115		ug/L			1537933	1547575	0	Standard
	Ba	135	21.932	ug/L	0.054	0	46	169341	0	Standard
	Ba	137	21.731	ug/L	0.192	0	65	294879	0	Standard
>	Tb	159		ug/L			2446036	2457886	0	Standard
	Pb	208	0.009	ug/L	0.006	75	506	1479	49	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0237-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:24:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	55485	1	Standard
	Cl	**37**		ug/L			7175507	7651431	0	Standard
>	**Sc**	**45**		ug/L			1516711	1599405	1	Standard
	Cr	**52**	**0.597**	ug/L	0.022	3	18230	35618	0	Standard
	Cr	**53**	**0.591**	ug/L	0.027	4	492	2542	3	Standard
	Fe	**54**	**692.808**	ug/L	14.064	2	93936	1975670	0	Standard
	Fe	**57**	**791.109**	ug/L	9.667	1	19536	825777	0	Standard
	Mn	**55**	**180.510**	ug/L	1.953	1	770	7399044	1	Standard
>	**Ge**	**72**		ug/L			92876	90573	1	KED
	Ni	**60**	**0.419**	ug/L	0.029	6	18	654	6	KED
	Ni	**62**	**0.375**	ug/L	0.028	7	4	95	8	KED
	Cu	**63**	**2.975**	ug/L	0.049	1	93	12843	1	KED
	Cu	**65**	**2.972**	ug/L	0.031	1	45	6464	1	KED
	Zn	**66**	**26.530**	ug/L	0.140	0	142	18000	1	KED
	Zn	**67**	**24.561**	ug/L	0.444	1	23	2695	1	KED
	As	**75**	**0.994**	ug/L	0.020	2	1	313	2	KED
	Y	**89**		ug/L			787459	811703	0	Standard
	Kr	**83**		ug/L			283	357	5	Standard
>	**In-1**	**115**		ug/L			27529	27372	1	KED
	Mo	**98**	**0.396**	ug/L	0.046	11	7	672	10	KED
	Cd	**111**	**0.132**	ug/L	0.014	10	2	54	9	KED
	Cd	**114**	**0.117**	ug/L	0.016	13	1	120	12	KED
>	**In**	**115**		ug/L			1537933	1573776	1	Standard
	Ba	**135**	**11.368**	ug/L	0.022	0	46	89281	1	Standard
	Ba	**137**	**11.193**	ug/L	0.085	0	65	154484	0	Standard
>	**Tb**	**159**		ug/L			2446036	2491620	2	Standard
	Pb	**208**	**0.073**	ug/L	0.003	4	506	8823	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0237-03
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:31:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	57171	0	Standard
	Cl	**37**		ug/L			7175507	7612992	0	Standard
>	**Sc**	**45**		ug/L			1516711	1617456	1	Standard
	Cr	**52**	**0.625**	ug/L	0.043	6	18230	36798	1	Standard
	Cr	**53**	**0.645**	ug/L	0.011	1	492	2758	1	Standard
	Fe	**54**	**655.813**	ug/L	7.978	1	93936	1896871	0	Standard
	Fe	**57**	**738.125**	ug/L	17.347	2	19536	780512	1	Standard
	Mn	**55**	**178.176**	ug/L	4.979	2	770	7384478	1	Standard
>	**Ge**	**72**		ug/L			92876	90191	0	KED
	Ni	**60**	**0.443**	ug/L	0.020	4	18	687	4	KED
	Ni	**62**	**0.479**	ug/L	0.096	20	4	120	19	KED
	Cu	**63**	**2.916**	ug/L	0.038	1	93	12537	1	KED
	Cu	**65**	**2.933**	ug/L	0.028	0	45	6353	1	KED
	Zn	**66**	**25.646**	ug/L	0.331	1	142	17331	1	KED
	Zn	**67**	**25.146**	ug/L	0.744	2	23	2747	2	KED
	As	**75**	**0.962**	ug/L	0.041	4	1	302	4	KED
	Y	**89**		ug/L			787459	823599	1	Standard
	Kr	**83**		ug/L			283	331	5	Standard
>	**In-1**	**115**		ug/L			27529	28026	2	KED
	Mo	**98**	**0.390**	ug/L	0.018	4	7	678	3	KED
	Cd	**111**	**0.101**	ug/L	0.003	3	2	43	1	KED
	Cd	**114**	**0.120**	ug/L	0.016	13	1	127	12	KED
>	**In**	**115**		ug/L			1537933	1599435	1	Standard
	Ba	**135**	**11.089**	ug/L	0.145	1	46	88502	0	Standard
	Ba	**137**	**10.918**	ug/L	0.195	1	65	153121	0	Standard
>	**Tb**	**159**		ug/L			2446036	2517524	0	Standard
	Pb	**208**	**0.067**	ug/L	0.002	2	506	8269	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0237-05
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:35:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	55737	1	Standard
	Cl	**37**		ug/L			7175507	7574647	0	Standard
>	**Sc**	**45**		ug/L			1516711	1618703	0	Standard
	Cr	**52**	**0.414**	ug/L	0.015	3	18230	30961	0	Standard
	Cr	**53**	**0.447**	ug/L	0.010	2	492	2074	0	Standard
	Fe	**54**	**511.435**	ug/L	3.580	0	93936	1502596	0	Standard
	Fe	**57**	**530.687**	ug/L	4.075	0	19536	567553	0	Standard
	Mn	**55**	**170.004**	ug/L	1.859	1	770	7052639	0	Standard
>	**Ge**	**72**		ug/L			92876	91030	0	KED
	Ni	**60**	**0.434**	ug/L	0.032	7	18	681	7	KED
	Ni	**62**	**0.427**	ug/L	0.093	21	4	109	20	KED
	Cu	**63**	**2.522**	ug/L	0.020	0	93	10957	0	KED
	Cu	**65**	**2.581**	ug/L	0.078	3	45	5648	3	KED
	Zn	**66**	**16.499**	ug/L	0.426	2	142	11303	2	KED
	Zn	**67**	**15.516**	ug/L	0.254	1	23	1720	2	KED
	As	**75**	**0.675**	ug/L	0.025	3	1	214	3	KED
	Y	**89**		ug/L			787459	817602	1	Standard
	Kr	**83**		ug/L			283	340	3	Standard
>	**In-1**	**115**		ug/L			27529	27753	1	KED
	Mo	**98**	**0.310**	ug/L	0.015	4	7	537	5	KED
	Cd	**111**	**0.102**	ug/L	0.015	14	2	42	13	KED
	Cd	**114**	**0.082**	ug/L	0.011	12	1	86	14	KED
>	**In**	**115**		ug/L			1537933	1598286	1	Standard
	Ba	**135**	**9.403**	ug/L	0.159	1	46	75004	1	Standard
	Ba	**137**	**9.165**	ug/L	0.156	1	65	128459	0	Standard
>	**Tb**	**159**		ug/L			2446036	2507325	0	Standard
	Pb	**208**	**0.049**	ug/L	0.001	1	506	6145	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0414-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:41:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23171	222016	1	Standard
	Cl	37		ug/L			7175507	7362876	0	Standard
>	Sc	45		ug/L			1516711	1565681	0	Standard
	Cr	52	10.968	ug/L	0.187	1	18230	313942	1	Standard
	Cr	53	10.196	ug/L	0.137	1	492	34700	1	Standard
	Fe	54	5757.133	ug/L	50.423	0	93936	15366166	1	Standard
	Fe	57	6271.281	ug/L	65.937	1	19536	6269059	0	Standard
	Mn	55	194.027	ug/L	0.652	0	770	7785886	0	Standard
>	Ge	72		ug/L			92876	80833	0	KED
	Ni	60	7.612	ug/L	0.109	1	18	10337	1	KED
	Ni	62	7.886	ug/L	0.370	4	4	1721	3	KED
	Cu	63	0.516	ug/L	0.019	3	93	2057	2	KED
	Cu	65	0.508	ug/L	0.047	9	45	1019	8	KED
	Zn	66	10.549	ug/L	0.189	1	142	6461	0	KED
	Zn	67	10.859	ug/L	0.694	6	23	1074	6	KED
	As	75	0.295	ug/L	0.024	8	1	84	8	KED
	Y	89		ug/L			787459	798837	0	Standard
	Kr	83		ug/L			283	347	8	Standard
>	In-1	115		ug/L			27529	25405	1	KED
	Mo	98	1.073	ug/L	0.014	1	7	1681	0	KED
	Cd	111	0.042	ug/L	0.008	18	2	17	16	KED
	Cd	114	0.045	ug/L	0.010	22	1	43	20	KED
>	In	115		ug/L			1537933	1565640	0	Standard
	Ba	135	19.887	ug/L	0.278	1	46	155346	1	Standard
	Ba	137	19.692	ug/L	0.180	0	65	270346	0	Standard
>	Tb	159		ug/L			2446036	2551071	1	Standard
	Pb	208	0.116	ug/L	0.001	1	506	14116	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0181-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:48:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23171	67034	0	Standard
	Cl	37		ug/L			7175507	7739602	0	Standard
>	Sc	45		ug/L			1516711	1881025	0	Standard
	Cr	52	0.228	ug/L	0.011	4	18230	29993	0	Standard
	Cr	53	1.830	ug/L	0.034	1	492	7984	1	Standard
	Fe	54	1618.191	ug/L	18.790	1	93936	5272420	0	Standard
	Fe	57	1700.954	ug/L	30.432	1	19536	2060364	1	Standard
	Mn	55	440.669	ug/L	8.362	1	770	21241757	1	Standard
>	Ge	72		ug/L			92876	88306	0	KED
	Ni	60	3.565	ug/L	0.055	1	18	5298	1	KED
	Ni	62	3.507	ug/L	0.225	6	4	838	6	KED
	Cu	63	0.748	ug/L	0.021	2	93	3215	3	KED
	Cu	65	0.718	ug/L	0.042	5	45	1555	6	KED
	Zn	66	1.046	ug/L	0.030	2	142	822	2	KED
	Zn	67	1.166	ug/L	0.111	9	23	146	7	KED
	As	75	9.306	ug/L	0.133	1	1	2851	0	KED
	Y	89		ug/L			787459	852881	0	Standard
	Kr	83		ug/L			283	347	4	Standard
>	In-1	115		ug/L			27529	27115	2	KED
	Mo	98	7.944	ug/L	0.087	1	7	13244	1	KED
	Cd	111	0.007	ug/L	0.003	47	2	5	28	KED
	Cd	114	0.007	ug/L	0.005	76	1	8	66	KED
>	In	115		ug/L			1537933	1629326	1	Standard
	Ba	135	4.818	ug/L	0.062	1	46	39202	1	Standard
	Ba	137	4.757	ug/L	0.058	1	65	68005	0	Standard
>	Tb	159		ug/L			2446036	2615614	0	Standard
	Pb	208	0.015	ug/L	0.001	3	506	2308	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0181-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 21:56:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	56197	1	Standard
	Cl	**37**		ug/L			7175507	7587384	0	Standard
>	**Sc**	**45**		ug/L			1516711	1816508	0	Standard
	Cr	**52**	**0.166**	ug/L	0.010	5	18230	27031	1	Standard
	Cr	**53**	**0.409**	ug/L	0.017	4	492	2183	3	Standard
	Fe	**54**	**41647.242**	ug/L	168.982	0	93936	128264116	0	Standard
	Fe	**57**	**42924.811**	ug/L	192.629	0	19536	49648277	0	Standard
	Mn	**55**	**3453.472**	ug/L	39.255	1	770	160770500	1	Standard
>	**Ge**	**72**		ug/L			92876	85385	2	KED
	Ni	**60**	**1.046**	ug/L	0.020	1	18	1515	2	KED
	Ni	**62**	**1.179**	ug/L	0.132	11	4	274	9	KED
	Cu	**63**	**0.038**	ug/L	0.006	15	93	239	11	KED
	Cu	**65**	**0.048**	ug/L	0.011	22	45	138	15	KED
	Zn	**66**	**2.115**	ug/L	0.117	5	142	1472	3	KED
	Zn	**67**	**5.141**	ug/L	0.591	11	23	548	10	KED
	As	**75**	**36.082**	ug/L	0.340	0	1	10684	1	KED
	Y	**89**		ug/L			787459	817241	0	Standard
	Kr	**83**		ug/L			283	340	4	Standard
>	**In-1**	**115**		ug/L			27529	27027	1	KED
	Mo	**98**	**1.354**	ug/L	0.034	2	7	2255	1	KED
	Cd	**111**	**0.003**	ug/L	0.004	148	2	3	45	KED
	Cd	**114**	**0.003**	ug/L	0.001	37	1	3	28	KED
>	**In**	**115**		ug/L			1537933	1566497	1	Standard
	Ba	**135**	**66.578**	ug/L	1.615	2	46	520127	1	Standard
	Ba	**137**	**66.587**	ug/L	1.907	2	65	914279	1	Standard
>	**Tb**	**159**		ug/L			2446036	2622222	1	Standard
	Pb	**208**	**0.001**	ug/L	0.000	16	506	669	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 22:05:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	32202	1	Standard
	Cl	**37**		ug/L			7175507	7264142	0	Standard
⌈>	**Sc**	**45**		ug/L			1516711	1606255	2	Standard
|	**Cr**	**52**	**-0.050**	ug/L	0.018	35	18230	17912	1	Standard
|	**Cr**	**53**	**-0.091**	ug/L	0.001	1	492	207	4	Standard
|	**Fe**	**54**	**-0.248**	ug/L	1.240	499	93936	98742	0	Standard
|	**Fe**	**57**	**-6.055**	ug/L	0.028	0	19536	14501	3	Standard
⌊	**Mn**	**55**	**0.025**	ug/L	0.002	6	770	1857	2	Standard
⌈>	**Ge**	**72**		ug/L			92876	93955	2	KED
|	**Ni**	**60**	**0.024**	ug/L	0.001	3	18	56	3	KED
|	**Ni**	**62**	**0.040**	ug/L	0.027	68	4	14	49	KED
|	**Cu**	**63**	**0.018**	ug/L	0.003	15	93	174	8	KED
|	**Cu**	**65**	**0.018**	ug/L	0.004	19	45	86	7	KED
|	**Zn**	**66**	**0.433**	ug/L	0.034	7	142	446	7	KED
|	**Zn**	**67**	**0.340**	ug/L	0.047	13	23	62	10	KED
⌊	**As**	**75**	**0.004**	ug/L	0.004	93	1	3	43	KED
	Y	**89**		ug/L			787459	820814	2	Standard
	Kr	**83**		ug/L			283	334	7	Standard
⌈>	**In-1**	**115**		ug/L			27529	29019	1	KED
|	**Mo**	**98**	**-0.001**	ug/L	0.001	105	7	6	34	KED
|	**Cd**	**111**	**0.001**	ug/L	0.002	184	2	2	33	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	390	1	1	113	KED
⌈>	**In**	**115**		ug/L			1537933	1628706	2	Standard
|	**Ba**	**135**	**0.010**	ug/L	0.002	15	46	133	7	Standard
⌊	**Ba**	**137**	**0.013**	ug/L	0.002	14	65	251	13	Standard
⌈>	**Tb**	**159**		ug/L			2446036	2541374	2	Standard
⌊	**Pb**	**208**	**0.013**	ug/L	0.000	2	506	2094	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 22:10:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	26282	0	Standard
	Cl	**37**		ug/L			7175507	7461769	0	Standard
⌈>	**Sc**	**45**		ug/L			1516711	1592928	0	Standard
|	**Cr**	**52**	**52.951**	ug/L	0.532	1	18230	1468604	0	Standard
|	**Cr**	**53**	**49.497**	ug/L	0.713	1	492	169385	0	Standard
|	**Fe**	**54**	**4996.655**	ug/L	70.621	1	93936	13580369	0	Standard
|	**Fe**	**57**	**5022.826**	ug/L	53.004	1	19536	5112338	0	Standard
⌊	**Mn**	**55**	**50.554**	ug/L	0.285	0	770	2064497	0	Standard
⌈>	**Ge**	**72**		ug/L			92876	94356	0	KED
|	**Ni**	**60**	**49.888**	ug/L	0.570	1	18	78982	0	KED
|	**Ni**	**62**	**49.178**	ug/L	0.491	0	4	12509	1	KED
|	**Cu**	**63**	**50.711**	ug/L	0.411	0	93	226576	1	KED
|	**Cu**	**65**	**50.409**	ug/L	0.531	1	45	113482	0	KED
|	**Zn**	**66**	**49.766**	ug/L	0.263	0	142	35049	0	KED
|	**Zn**	**67**	**50.466**	ug/L	0.757	1	23	5745	1	KED
⌊	**As**	**75**	**49.858**	ug/L	0.284	0	1	16315	0	KED
	Y	**89**		ug/L			787459	825310	1	Standard
	Kr	**83**		ug/L			283	335	11	Standard
⌈>	**In-1**	**115**		ug/L			27529	28524	1	KED
|	**Mo**	**98**	**48.814**	ug/L	1.081	2	7	85556	0	KED
|	**Cd**	**111**	**50.370**	ug/L	0.687	1	2	20695	1	KED
⌊	**Cd**	**114**	**50.619**	ug/L	0.988	1	1	54113	0	KED
⌈>	**In**	**115**		ug/L			1537933	1633420	1	Standard
|	**Ba**	**135**	**48.169**	ug/L	0.940	1	46	392428	0	Standard
⌊	**Ba**	**137**	**47.643**	ug/L	0.174	0	65	682272	1	Standard
⌈>	**Tb**	**159**		ug/L			2446036	2565891	1	Standard
⌊	**Pb**	**208**	**53.451**	ug/L	0.980	1	506	6275939	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 22:17:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	23212	1	Standard
	Cl	**37**		ug/L			7175507	7231535	0	Standard
⌈>	**Sc**	**45**		ug/L			1516711	1600357	1	Standard
|	**Cr**	**52**	**-0.049**	ug/L	0.005	10	18230	17875	0	Standard
|	**Cr**	**53**	**-0.103**	ug/L	0.003	2	492	166	6	Standard
|	**Fe**	**54**	**-1.195**	ug/L	1.053	88	93936	95864	2	Standard
|	**Fe**	**57**	**-3.891**	ug/L	0.184	4	19536	16649	0	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	154	770	788	4	Standard
⌈>	**Ge**	**72**		ug/L			92876	95374	0	KED
|	**Ni**	**60**	**0.003**	ug/L	0.002	60	18	23	12	KED
|	**Ni**	**62**	**0.002**	ug/L	0.004	213	4	5	21	KED
|	**Cu**	**63**	**-0.002**	ug/L	0.003	153	93	86	15	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.006	254	45	41	30	KED
|	**Zn**	**66**	**0.018**	ug/L	0.017	95	142	159	7	KED
|	**Zn**	**67**	**-0.017**	ug/L	0.057	336	23	22	30	KED
⌊	**As**	**75**	**0.008**	ug/L	0.000	1	1	4	0	KED
	Y	**89**		ug/L			787459	834661	1	Standard
	Kr	**83**		ug/L			283	332	4	Standard
⌈>	**In-1**	**115**		ug/L			27529	28515	1	KED
|	**Mo**	**98**	**0.025**	ug/L	0.010	37	7	52	32	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.006	2346	2	2	107	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	100	1	2	50	KED
⌈>	**In**	**115**		ug/L			1537933	1644371	1	Standard
|	**Ba**	**135**	**0.000**	ug/L	0.003	1239	46	52	54	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	49	65	100	14	Standard
⌈>	**Tb**	**159**		ug/L			2446036	2535464	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	4	506	641	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0181-05
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 22:23:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	62080	1	Standard
	Cl	**37**		ug/L			7175507	7358316	1	Standard
>	**Sc**	**45**		ug/L			1516711	1843258	1	Standard
	Cr	**52**	**0.318**	ug/L	0.010	3	18230	32234	0	Standard
	Cr	**53**	**0.960**	ug/L	0.029	3	492	4389	1	Standard
	Fe	**54**	**16222.159**	ug/L	42.547	0	93936	50765745	0	Standard
	Fe	**57**	**16396.983**	ug/L	88.633	0	19536	19260093	1	Standard
	Mn	**55**	**1496.680**	ug/L	26.992	1	770	70694257	1	Standard
>	**Ge**	**72**		ug/L			92876	91049	2	KED
	Ni	**60**	**0.934**	ug/L	0.046	4	18	1443	4	KED
	Ni	**62**	**0.933**	ug/L	0.080	8	4	233	5	KED
	Cu	**63**	**0.050**	ug/L	0.005	9	93	305	3	KED
	Cu	**65**	**0.052**	ug/L	0.004	7	45	157	7	KED
	Zn	**66**	**0.494**	ug/L	0.027	5	142	474	6	KED
	Zn	**67**	**0.866**	ug/L	0.186	21	23	117	14	KED
	As	**75**	**31.506**	ug/L	0.608	1	1	9946	0	KED
	Y	**89**		ug/L			787459	849992	2	Standard
	Kr	**83**		ug/L			283	351	4	Standard
>	**In-1**	**115**		ug/L			27529	27798	1	KED
	Mo	**98**	**1.754**	ug/L	0.061	3	7	3003	2	KED
	Cd	**111**	**0.006**	ug/L	0.002	37	2	4	20	KED
	Cd	**114**	**0.003**	ug/L	0.003	101	1	4	77	KED
>	**In**	**115**		ug/L			1537933	1610872	0	Standard
	Ba	**135**	**5.458**	ug/L	0.082	1	46	43904	1	Standard
	Ba	**137**	**5.421**	ug/L	0.073	1	65	76619	1	Standard
>	**Tb**	**159**		ug/L			2446036	2648786	0	Standard
	Pb	**208**	**0.006**	ug/L	0.000	7	506	1281	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0181-02
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 22:32:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	50100	2	Standard
	Cl	**37**		ug/L			7175507	7804881	0	Standard
>	**Sc**	**45**		ug/L			1516711	1728837	0	Standard
	Cr	**52**	**0.104**	ug/L	0.009	8	18230	23867	0	Standard
	Cr	**53**	**0.143**	ug/L	0.013	8	492	1090	4	Standard
	Fe	**54**	**21957.442**	ug/L	216.592	0	93936	64410417	0	Standard
	Fe	**57**	**22250.129**	ug/L	346.697	1	19536	24502832	1	Standard
	Mn	**55**	**1121.033**	ug/L	15.035	1	770	49668821	1	Standard
>	**Ge**	**72**		ug/L			92876	93869	1	KED
	Ni	**60**	**0.807**	ug/L	0.033	4	18	1289	2	KED
	Ni	**62**	**0.793**	ug/L	0.019	2	4	205	1	KED
	Cu	**63**	**0.037**	ug/L	0.012	32	93	259	21	KED
	Cu	**65**	**0.025**	ug/L	0.005	20	45	100	10	KED
	Zn	**66**	**1.483**	ug/L	0.116	7	142	1179	8	KED
	Zn	**67**	**1.462**	ug/L	0.101	6	23	188	5	KED
	As	**75**	**14.163**	ug/L	0.224	1	1	4612	2	KED
	Y	**89**		ug/L			787459	832430	2	Standard
	Kr	**83**		ug/L			283	334	4	Standard
>	**In-1**	**115**		ug/L			27529	28542	1	KED
	Mo	**98**	**0.185**	ug/L	0.015	8	7	331	6	KED
	Cd	**111**	**0.008**	ug/L	0.004	46	2	5	28	KED
	Cd	**114**	**0.014**	ug/L	0.002	15	1	15	14	KED
>	**In**	**115**		ug/L			1537933	1602938	1	Standard
	Ba	**135**	**1.726**	ug/L	0.052	3	46	13846	1	Standard
	Ba	**137**	**1.704**	ug/L	0.042	2	65	24012	0	Standard
>	**Tb**	**159**		ug/L			2446036	2641399	0	Standard
	Pb	**208**	**0.002**	ug/L	0.000	27	506	732	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0181-03
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 22:40:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	49527	2	Standard
	Cl	**37**		ug/L			7175507	7910442	0	Standard
>	**Sc**	**45**		ug/L			1516711	1672104	0	Standard
	Cr	**52**	**0.175**	ug/L	0.013	7	18230	25136	0	Standard
	Cr	**53**	**0.184**	ug/L	0.010	5	492	1203	3	Standard
	Fe	**54**	**14624.678**	ug/L	255.396	1	93936	41523394	0	Standard
	Fe	**57**	**14933.910**	ug/L	208.679	1	19536	15912813	0	Standard
	Mn	**55**	**352.711**	ug/L	2.041	0	770	15114554	0	Standard
>	**Ge**	**72**		ug/L			92876	94399	3	KED
	Ni	**60**	**0.913**	ug/L	0.024	2	18	1463	2	KED
	Ni	**62**	**0.912**	ug/L	0.059	6	4	236	3	KED
	Cu	**63**	**0.008**	ug/L	0.006	73	93	131	21	KED
	Cu	**65**	**0.016**	ug/L	0.003	19	45	81	11	KED
	Zn	**66**	**0.910**	ug/L	0.025	2	142	784	4	KED
	Zn	**67**	**1.572**	ug/L	0.154	9	23	202	11	KED
	As	**75**	**15.816**	ug/L	0.385	2	1	5176	1	KED
	Y	**89**		ug/L			787459	835325	0	Standard
	Kr	**83**		ug/L			283	338	6	Standard
>	**In-1**	**115**		ug/L			27529	28996	1	KED
	Mo	**98**	**0.660**	ug/L	0.009	1	7	1185	2	KED
	Cd	**111**	**0.001**	ug/L	0.004	374	2	2	66	KED
	Cd	**114**	**0.001**	ug/L	0.003	274	1	2	126	KED
>	**In**	**115**		ug/L			1537933	1611175	0	Standard
	Ba	**135**	**15.712**	ug/L	0.106	0	46	126307	0	Standard
	Ba	**137**	**15.455**	ug/L	0.119	0	65	218355	0	Standard
>	**Tb**	**159**		ug/L			2446036	2618029	0	Standard
	Pb	**208**	**0.000**	ug/L	0.000	78	506	579	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0181-06
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 22:49:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	45884	1	Standard
	Cl	**37**		ug/L			7175507	7942558	1	Standard
>	**Sc**	**45**		ug/L			1516711	1669375	0	Standard
	Cr	**52**	**0.167**	ug/L	0.011	6	18230	24862	0	Standard
	Cr	**53**	**0.187**	ug/L	0.006	3	492	1210	2	Standard
	Fe	**54**	**14748.576**	ug/L	128.617	0	93936	41809665	0	Standard
	Fe	**57**	**14962.305**	ug/L	236.931	1	19536	15917284	1	Standard
	Mn	**55**	**355.971**	ug/L	3.407	0	770	15229303	0	Standard
>	**Ge**	**72**		ug/L			92876	94449	1	KED
	Ni	**60**	**0.896**	ug/L	0.104	11	18	1436	10	KED
	Ni	**62**	**0.917**	ug/L	0.147	16	4	237	14	KED
	Cu	**63**	**0.011**	ug/L	0.003	27	93	145	11	KED
	Cu	**65**	**0.017**	ug/L	0.006	36	45	85	18	KED
	Zn	**66**	**0.895**	ug/L	0.087	9	142	773	6	KED
	Zn	**67**	**1.832**	ug/L	0.151	8	23	231	7	KED
	As	**75**	**16.022**	ug/L	0.322	2	1	5249	2	KED
	Y	**89**		ug/L			787459	834932	1	Standard
	Kr	**83**		ug/L			283	329	8	Standard
>	**In-1**	**115**		ug/L			27529	29087	1	KED
	Mo	**98**	**0.674**	ug/L	0.004	0	7	1213	1	KED
	Cd	**111**	**-0.003**	ug/L	0.003	135	2	1	114	KED
	Cd	**114**	**-0.000**	ug/L	0.001	733	1	1	113	KED
>	**In**	**115**		ug/L			1537933	1618920	0	Standard
	Ba	**135**	**15.505**	ug/L	0.261	1	46	125248	1	Standard
	Ba	**137**	**15.246**	ug/L	0.008	0	65	216447	0	Standard
>	**Tb**	**159**		ug/L			2446036	2606997	0	Standard
	Pb	**208**	**0.001**	ug/L	0.000	39	506	647	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 22:58:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	67777	0	Standard
	Cl	**37**		ug/L			7175507	7261623	0	Standard
>	**Sc**	**45**		ug/L			1516711	1614000	0	Standard
	Cr	**52**	**14.668**	ug/L	0.303	2	18230	426231	1	Standard
	Cr	**53**	**14.694**	ug/L	0.238	1	492	51321	1	Standard
	Fe	**54**	**39.338**	ug/L	0.974	2	93936	207510	1	Standard
	Fe	**57**	**73.474**	ug/L	1.884	2	19536	96257	1	Standard
	Mn	**55**	**5.577**	ug/L	0.070	1	770	231503	0	Standard
>	**Ge**	**72**		ug/L			92876	76222	2	KED
	Ni	**60**	**0.665**	ug/L	0.018	2	18	864	3	KED
	Ni	**62**	**0.653**	ug/L	0.064	9	4	137	10	KED
	Cu	**63**	**7.043**	ug/L	0.063	0	93	25481	1	KED
	Cu	**65**	**7.003**	ug/L	0.103	1	45	12765	1	KED
	Zn	**66**	**5.080**	ug/L	0.178	3	142	2993	1	KED
	Zn	**67**	**4.565**	ug/L	0.073	1	23	437	3	KED
	As	**75**	**0.080**	ug/L	0.020	25	1	22	21	KED
	Y	**89**		ug/L			787459	824558	0	Standard
	Kr	**83**		ug/L			283	360	3	Standard
>	**In-1**	**115**		ug/L			27529	25286	0	KED
	Mo	**98**	**16.286**	ug/L	0.128	0	7	25314	0	KED
	Cd	**111**	**0.018**	ug/L	0.008	43	2	8	33	KED
	Cd	**114**	**0.017**	ug/L	0.003	18	1	17	17	KED
>	**In**	**115**		ug/L			1537933	1585655	1	Standard
	Ba	**135**	**0.917**	ug/L	0.006	0	46	7300	0	Standard
	Ba	**137**	**0.884**	ug/L	0.009	1	65	12353	0	Standard
>	**Tb**	**159**		ug/L			2446036	2497192	0	Standard
	Pb	**208**	**0.010**	ug/L	0.000	3	506	1674	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:02:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23171	65095	0	Standard
	Cl	37		ug/L			7175507	7154021	0	Standard
>	Sc	45		ug/L			1516711	1640373	1	Standard
	Cr	52	14.759	ug/L	0.087	0	18230	435756	0	Standard
	Cr	53	15.003	ug/L	0.055	0	492	53247	1	Standard
	Fe	54	42.090	ug/L	0.377	0	93936	218544	0	Standard
	Fe	57	88.042	ug/L	0.833	0	19536	113039	0	Standard
	Mn	55	5.758	ug/L	0.049	0	770	242868	1	Standard
>	Ge	72		ug/L			92876	78695	1	KED
	Ni	60	37.459	ug/L	0.401	1	18	49463	0	KED
	Ni	62	37.641	ug/L	0.459	1	4	7986	2	KED
	Cu	63	7.181	ug/L	0.021	0	93	26827	1	KED
	Cu	65	7.173	ug/L	0.034	0	45	13501	0	KED
	Zn	66	5.336	ug/L	0.199	3	142	3241	2	KED
	Zn	67	5.215	ug/L	0.113	2	23	513	2	KED
	As	75	0.085	ug/L	0.012	13	1	24	13	KED
	Y	89		ug/L			787459	846843	0	Standard
	Kr	83		ug/L			283	358	7	Standard
>	In-1	115		ug/L			27529	25109	1	KED
	Mo	98	16.868	ug/L	0.453	2	7	26028	1	KED
	Cd	111	0.016	ug/L	0.006	39	2	7	30	KED
	Cd	114	0.013	ug/L	0.001	10	1	13	8	KED
>	In	115		ug/L			1537933	1639850	1	Standard
	Ba	135	0.914	ug/L	0.025	2	46	7525	2	Standard
	Ba	137	0.909	ug/L	0.014	1	65	13143	0	Standard
>	Tb	159		ug/L			2446036	2565058	0	Standard
	Pb	208	0.011	ug/L	0.001	5	506	1878	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:07:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23171	75739	0	Standard
	Cl	37		ug/L			7175507	7110029	0	Standard
>	Sc	45		ug/L			1516711	1650137	1	Standard
	Cr	52	40.255	ug/L	0.482	1	18230	1161297	1	Standard
	Cr	53	39.012	ug/L	0.554	1	492	138404	0	Standard
	Fe	54	37.537	ug/L	1.941	5	93936	207064	0	Standard
	Fe	57	85.005	ug/L	2.142	2	19536	110502	0	Standard
	Mn	55	32.621	ug/L	0.499	1	770	1380103	0	Standard
>	Ge	72		ug/L			92876	78071	0	KED
	Ni	60	26.239	ug/L	0.377	1	18	34379	1	KED
	Ni	62	26.729	ug/L	0.142	0	4	5627	0	KED
	Cu	63	32.441	ug/L	0.131	0	93	119954	0	KED
	Cu	65	32.049	ug/L	0.063	0	45	59712	0	KED
	Zn	66	79.228	ug/L	0.609	0	142	46097	0	KED
	Zn	67	76.993	ug/L	1.921	2	23	7241	2	KED
	As	75	26.110	ug/L	0.322	1	1	7070	1	KED
	Y	89		ug/L			787459	855478	0	Standard
	Kr	83		ug/L			283	377	5	Standard
>	In-1	115		ug/L			27529	25133	1	KED
	Mo	98	16.554	ug/L	0.621	3	7	25569	2	KED
	Cd	111	24.534	ug/L	0.505	2	2	8882	1	KED
	Cd	114	24.533	ug/L	0.533	2	1	23111	1	KED
>	In	115		ug/L			1537933	1649530	1	Standard
	Ba	135	24.584	ug/L	0.478	1	46	202285	0	Standard
	Ba	137	24.071	ug/L	0.447	1	65	348098	0	Standard
>	Tb	159		ug/L			2446036	2546061	0	Standard
	Pb	208	27.362	ug/L	0.336	1	506	3188510	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0314-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:14:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	251015	1	Standard
	Cl	**37**		ug/L			7175507	6727140	0	Standard
>	**Sc**	**45**		ug/L			1516711	1854739	2	Standard
	Cr	**52**	**0.287**	ug/L	0.029	10	18230	31428	1	Standard
	Cr	**53**	**0.531**	ug/L	0.019	3	492	2710	1	Standard
	Fe	**54**	**-17.951**	ug/L	0.314	1	93936	58459	1	Standard
	Fe	**57**	**14.491**	ug/L	0.378	2	19536	40989	1	Standard
	Mn	**55**	**2.602**	ug/L	0.112	4	770	124539	2	Standard
>	**Ge**	**72**		ug/L			92876	93736	1	KED
	Ni	**60**	**0.169**	ug/L	0.029	17	18	283	14	KED
	Ni	**62**	**0.390**	ug/L	0.034	8	4	102	6	KED
	Cu	**63**	**97.699**	ug/L	1.267	1	93	433516	1	KED
	Cu	**65**	**96.283**	ug/L	1.108	1	45	215265	0	KED
	Zn	**66**	**10.227**	ug/L	0.131	1	142	7268	0	KED
	Zn	**67**	**9.927**	ug/L	0.047	0	23	1141	1	KED
	As	**75**	**1.582**	ug/L	0.077	4	1	515	3	KED
	Y	**89**		ug/L			787459	890241	0	Standard
	Kr	**83**		ug/L			283	354	6	Standard
>	**In-1**	**115**		ug/L			27529	29090	1	KED
	Mo	**98**	**0.301**	ug/L	0.011	3	7	547	4	KED
	Cd	**111**	**0.011**	ug/L	0.005	45	2	6	31	KED
	Cd	**114**	**0.005**	ug/L	0.003	60	1	6	49	KED
>	**In**	**115**		ug/L			1537933	1784062	0	Standard
	Ba	**135**	**6.391**	ug/L	0.070	1	46	56918	0	Standard
	Ba	**137**	**6.295**	ug/L	0.087	1	65	98515	0	Standard
>	**Tb**	**159**		ug/L			2446036	2713412	1	Standard
	Pb	**208**	**0.918**	ug/L	0.018	1	506	114542	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:20:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	44255	0	Standard
	Cl	**37**		ug/L			7175507	7437699	0	Standard
>	**Sc**	**45**		ug/L			1516711	1754293	1	Standard
	Cr	**52**	**0.076**	ug/L	0.008	10	18230	23367	0	Standard
	Cr	**53**	**-0.069**	ug/L	0.006	8	492	311	6	Standard
	Fe	**54**	**-0.638**	ug/L	0.699	109	93936	106741	1	Standard
	Fe	**57**	**3.872**	ug/L	0.519	13	19536	26916	1	Standard
	Mn	**55**	**0.006**	ug/L	0.001	20	770	1153	3	Standard
>	**Ge**	**72**		ug/L			92876	98286	1	KED
	Ni	**60**	**0.008**	ug/L	0.003	38	18	33	14	KED
	Ni	**62**	**0.013**	ug/L	0.025	189	4	8	81	KED
	Cu	**63**	**0.004**	ug/L	0.002	58	93	117	7	KED
	Cu	**65**	**0.005**	ug/L	0.005	96	45	59	19	KED
	Zn	**66**	**0.155**	ug/L	0.030	19	142	264	9	KED
	Zn	**67**	**0.090**	ug/L	0.080	88	23	35	26	KED
	As	**75**	**0.002**	ug/L	0.003	144	1	2	39	KED
	Y	**89**		ug/L			787459	913203	1	Standard
	Kr	**83**		ug/L			283	319	9	Standard
>	**In-1**	**115**		ug/L			27529	30303	1	KED
	Mo	**98**	**-0.002**	ug/L	0.004	177	7	4	135	KED
	Cd	**111**	**-0.003**	ug/L	0.003	93	2	1	86	KED
	Cd	**114**	**0.000**	ug/L	0.002	357	1	1	103	KED
>	**In**	**115**		ug/L			1537933	1840637	2	Standard
	Ba	**135**	**0.002**	ug/L	0.000	13	46	71	4	Standard
	Ba	**137**	**0.002**	ug/L	0.001	24	65	114	5	Standard
>	**Tb**	**159**		ug/L			2446036	2749471	0	Standard
	Pb	**208**	**0.003**	ug/L	0.000	7	506	1005	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:25:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	29441	2	Standard
	Cl	**37**		ug/L			7175507	7652677	0	Standard
⌈>	**Sc**	**45**		ug/L			1516711	1696728	1	Standard
|	**Cr**	**52**	**52.209**	ug/L	0.398	0	18230	1542670	0	Standard
|	**Cr**	**53**	**49.457**	ug/L	0.565	1	492	180277	0	Standard
|	**Fe**	**54**	**5090.738**	ug/L	83.600	1	93936	14735018	0	Standard
|	**Fe**	**57**	**5209.540**	ug/L	116.253	2	19536	5646379	0	Standard
⌊	**Mn**	**55**	**50.447**	ug/L	0.412	0	770	2194256	0	Standard
⌈>	**Ge**	**72**		ug/L			92876	93386	1	KED
|	**Ni**	**60**	**50.071**	ug/L	0.629	1	18	78459	1	KED
|	**Ni**	**62**	**50.647**	ug/L	0.446	0	4	12751	2	KED
|	**Cu**	**63**	**51.173**	ug/L	0.336	0	93	226271	0	KED
|	**Cu**	**65**	**50.347**	ug/L	0.447	0	45	112173	0	KED
|	**Zn**	**66**	**51.081**	ug/L	0.270	0	142	35601	1	KED
|	**Zn**	**67**	**51.740**	ug/L	0.858	1	23	5829	2	KED
⌊	**As**	**75**	**49.708**	ug/L	0.818	1	1	16097	0	KED
	Y	**89**		ug/L			787459	890571	1	Standard
	Kr	**83**		ug/L			283	355	13	Standard
⌈>	**In-1**	**115**		ug/L			27529	29069	0	KED
|	**Mo**	**98**	**47.987**	ug/L	0.084	0	7	85734	0	KED
|	**Cd**	**111**	**51.046**	ug/L	0.274	0	2	21375	0	KED
⌊	**Cd**	**114**	**50.588**	ug/L	0.587	1	1	55124	1	KED
⌈>	**In**	**115**		ug/L			1537933	1759211	0	Standard
|	**Ba**	**135**	**46.792**	ug/L	0.521	1	46	410622	0	Standard
⌊	**Ba**	**137**	**45.902**	ug/L	0.528	1	65	707952	0	Standard
⌈>	**Tb**	**159**		ug/L			2446036	2696357	0	Standard
⌊	**Pb**	**208**	**54.658**	ug/L	0.354	0	506	6744971	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:32:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23171	24369	0	Standard
	Cl	**37**		ug/L			7175507	7177151	0	Standard
⌈>	**Sc**	**45**		ug/L			1516711	1644057	1	Standard
|	**Cr**	**52**	**-0.058**	ug/L	0.003	4	18230	18108	1	Standard
|	**Cr**	**53**	**-0.089**	ug/L	0.001	0	492	221	0	Standard
|	**Fe**	**54**	**-1.227**	ug/L	0.588	47	93936	98392	0	Standard
|	**Fe**	**57**	**2.924**	ug/L	0.265	9	19536	24234	0	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	94	770	855	1	Standard
⌈>	**Ge**	**72**		ug/L			92876	91053	1	KED
|	**Ni**	**60**	**0.005**	ug/L	0.003	55	18	25	15	KED
|	**Ni**	**62**	**0.006**	ug/L	0.000	5	4	5	0	KED
|	**Cu**	**63**	**-0.003**	ug/L	0.005	164	93	80	23	KED
|	**Cu**	**65**	**0.004**	ug/L	0.003	85	45	52	13	KED
|	**Zn**	**66**	**0.028**	ug/L	0.012	40	142	159	6	KED
|	**Zn**	**67**	**0.062**	ug/L	0.026	41	23	29	9	KED
⌊	**As**	**75**	**0.005**	ug/L	0.003	67	1	3	31	KED
	Y	**89**		ug/L			787459	846998	1	Standard
	Kr	**83**		ug/L			283	356	4	Standard
⌈>	**In-1**	**115**		ug/L			27529	28682	1	KED
|	**Mo**	**98**	**0.024**	ug/L	0.006	23	7	51	20	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.006	650	2	1	132	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	23536	1	1	184	KED
⌈>	**In**	**115**		ug/L			1537933	1700300	1	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.001	85	46	56	7	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.001	45	65	111	16	Standard
⌈>	**Tb**	**159**		ug/L			2446036	2582023	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	23	506	709	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:40:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				22754	1	Standard
	Cl	**37**		ug/L				7073260	0	Standard
>	**Sc**	**45**		ug/L				1613478	2	Standard
	Cr	**52**		ug/L				18434	1	Standard
	Cr	**53**		ug/L				222	5	Standard
	Fe	**54**		ug/L				96561	0	Standard
	Fe	**57**		ug/L				27329	0	Standard
	Mn	**55**		ug/L				829	2	Standard
>	**Ge**	**72**		ug/L				91541	2	KED
	Ni	**60**		ug/L				13	57	KED
	Ni	**62**		ug/L				5	141	KED
	Cu	**63**		ug/L				77	18	KED
	Cu	**65**		ug/L				52	18	KED
	Zn	**66**		ug/L				153	2	KED
	Zn	**67**		ug/L				17	37	KED
	As	**75**		ug/L				3	21	KED
	Y	**89**		ug/L				831247	1	Standard
	Kr	**83**		ug/L				356	7	Standard
>	**In-1**	**115**		ug/L				28443	0	KED
	Mo	**98**		ug/L				18	16	KED
	Cd	**111**		ug/L				1	124	KED
	Cd	**114**		ug/L				1	1	KED
>	**In**	**115**		ug/L				1683895	3	Standard
	Ba	**135**		ug/L				40	28	Standard
	Ba	**137**		ug/L				83	19	Standard
>	**Tb**	**159**		ug/L				2574605	1	Standard
	Pb	**208**		ug/L				496	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:44:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	26249	0	Standard
	Cl	**37**		ug/L			7073260	7605504	0	Standard
>	**Sc**	**45**		ug/L			1613478	1612133	0	Standard
	Cr	**52**	**53.559**	ug/L	0.414	0	18434	1502223	0	Standard
	Cr	**53**	**49.745**	ug/L	0.507	1	222	171987	0	Standard
	Fe	**54**	**5106.200**	ug/L	61.820	1	96561	14040171	0	Standard
	Fe	**57**	**5187.399**	ug/L	40.454	0	27329	5349506	0	Standard
	Mn	**55**	**51.149**	ug/L	1.115	2	829	2113785	1	Standard
>	**Ge**	**72**		ug/L			91541	93423	0	KED
	Ni	**60**	**49.356**	ug/L	0.819	1	13	77363	1	KED
	Ni	**62**	**49.825**	ug/L	0.722	1	5	12549	1	KED
	Cu	**63**	**50.788**	ug/L	0.862	1	77	224650	1	KED
	Cu	**65**	**49.940**	ug/L	0.905	1	52	111321	1	KED
	Zn	**66**	**50.156**	ug/L	0.697	1	153	34985	1	KED
	Zn	**67**	**50.651**	ug/L	0.402	0	17	5703	0	KED
	As	**75**	**49.780**	ug/L	0.080	0	3	16131	0	KED
	Y	**89**		ug/L			831247	841511	1	Standard
	Kr	**83**		ug/L			356	353	2	Standard
>	**In-1**	**115**		ug/L			28443	28194	0	KED
	Mo	**98**	**48.686**	ug/L	0.440	0	18	84375	1	KED
	Cd	**111**	**51.626**	ug/L	0.806	1	1	20966	1	KED
	Cd	**114**	**51.383**	ug/L	0.385	0	1	54306	0	KED
>	**In**	**115**		ug/L			1683895	1692690	0	Standard
	Ba	**135**	**47.769**	ug/L	0.257	0	40	403340	0	Standard
	Ba	**137**	**46.598**	ug/L	0.240	0	83	691551	0	Standard
>	**Tb**	**159**		ug/L			2574605	2623864	0	Standard
	Pb	**208**	**53.938**	ug/L	0.397	0	496	6477076	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:51:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	22830	2	Standard
	Cl	**37**		ug/L			7073260	7269443	1	Standard
⌈>	**Sc**	**45**		ug/L			1613478	1603850	2	Standard
|	**Cr**	**52**	**-0.028**	ug/L	0.010	36	18434	17543	1	Standard
|	**Cr**	**53**	**-0.011**	ug/L	0.004	34	222	183	4	Standard
|	**Fe**	**54**	**-0.035**	ug/L	0.791	2281	96561	95859	1	Standard
|	**Fe**	**57**	**-3.818**	ug/L	0.806	21	27329	23254	0	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	125	829	799	1	Standard
⌈>	**Ge**	**72**		ug/L			91541	93163	2	KED
|	**Ni**	**60**	**0.001**	ug/L	0.000	70	13	14	7	KED
|	**Ni**	**62**	**0.002**	ug/L	0.007	346	5	5	33	KED
|	**Cu**	**63**	**0.004**	ug/L	0.002	51	77	97	7	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.001	24	52	45	2	KED
|	**Zn**	**66**	**0.008**	ug/L	0.022	261	153	161	6	KED
|	**Zn**	**67**	**0.033**	ug/L	0.077	236	17	21	36	KED
⌊	**As**	**75**	**-0.001**	ug/L	0.001	99	3	3	7	KED
	Y	**89**		ug/L			831247	836686	1	Standard
	Kr	**83**		ug/L			356	323	5	Standard
⌈>	**In-1**	**115**		ug/L			28443	28687	1	KED
|	**Mo**	**98**	**0.021**	ug/L	0.009	43	18	55	29	KED
|	**Cd**	**111**	**0.001**	ug/L	0.002	313	1	1	50	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	78	1	0	220	KED
⌈>	**In**	**115**		ug/L			1683895	1703029	0	Standard
|	**Ba**	**135**	**0.002**	ug/L	0.000	24	40	56	7	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	2198	83	83	9	Standard
⌈>	**Tb**	**159**		ug/L			2574605	2588577	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	31	496	619	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0788-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 23:56:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	241043	1	Standard
	Cl	**37**		ug/L			7073260	6559733	0	Standard
>	**Sc**	**45**		ug/L			1613478	1699305	2	Standard
	Cr	**52**	**0.381**	ug/L	0.032	8	18434	30511	0	Standard
	Cr	**53**	**0.645**	ug/L	0.020	3	222	2580	0	Standard
	Fe	**54**	**-16.437**	ug/L	0.359	2	96561	54365	0	Standard
	Fe	**57**	**8.358**	ug/L	1.421	17	27329	37797	1	Standard
	Mn	**55**	**2.592**	ug/L	0.135	5	829	113658	3	Standard
>	**Ge**	**72**		ug/L			91541	94716	1	KED
	Ni	**60**	**0.195**	ug/L	0.018	9	13	323	7	KED
	Ni	**62**	**0.390**	ug/L	0.022	5	5	104	4	KED
	Cu	**63**	**96.393**	ug/L	0.905	0	77	432183	0	KED
	Cu	**65**	**95.830**	ug/L	1.178	1	52	216508	0	KED
	Zn	**66**	**10.211**	ug/L	0.421	4	153	7346	3	KED
	Zn	**67**	**9.673**	ug/L	0.279	2	17	1119	4	KED
	As	**75**	**1.559**	ug/L	0.080	5	3	515	3	KED
	Y	**89**		ug/L			831247	826319	0	Standard
	Kr	**83**		ug/L			356	341	3	Standard
>	**In-1**	**115**		ug/L			28443	28756	1	KED
	Mo	**98**	**0.293**	ug/L	0.016	5	18	535	4	KED
	Cd	**111**	**0.004**	ug/L	0.007	183	1	3	91	KED
	Cd	**114**	**0.002**	ug/L	0.004	159	1	4	94	KED
>	**In**	**115**		ug/L			1683895	1658432	1	Standard
	Ba	**135**	**6.499**	ug/L	0.078	1	40	53796	0	Standard
	Ba	**137**	**6.416**	ug/L	0.050	0	83	93356	0	Standard
>	**Tb**	**159**		ug/L			2574605	2576863	0	Standard
	Pb	**208**	**0.909**	ug/L	0.006	0	496	107645	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0788-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:01:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	179574	1	Standard
	Cl	**37**		ug/L			7073260	6729287	0	Standard
>	**Sc**	**45**		ug/L			1613478	1700013	0	Standard
	Cr	**52**	**24.500**	ug/L	0.123	0	18434	735202	0	Standard
	Cr	**53**	**23.365**	ug/L	0.130	0	222	85311	0	Standard
	Fe	**54**	**-15.714**	ug/L	0.343	2	96561	56488	1	Standard
	Fe	**57**	**9.599**	ug/L	0.155	1	27329	39181	0	Standard
	Mn	**55**	**28.219**	ug/L	0.148	0	829	1230271	0	Standard
>	**Ge**	**72**		ug/L			91541	94371	1	KED
	Ni	**60**	**24.342**	ug/L	0.234	0	13	38549	1	KED
	Ni	**62**	**24.546**	ug/L	0.539	2	5	6247	2	KED
	Cu	**63**	**120.439**	ug/L	2.847	2	77	537925	1	KED
	Cu	**65**	**118.918**	ug/L	1.414	1	52	267678	0	KED
	Zn	**66**	**99.539**	ug/L	1.561	1	153	69972	0	KED
	Zn	**67**	**95.594**	ug/L	1.507	1	17	10855	0	KED
	As	**75**	**28.068**	ug/L	0.120	0	3	9189	1	KED
	Y	**89**		ug/L			831247	820654	1	Standard
	Kr	**83**		ug/L			356	286	3	Standard
>	**In-1**	**115**		ug/L			28443	28691	0	KED
	Mo	**98**	**0.320**	ug/L	0.023	7	18	582	6	KED
	Cd	**111**	**26.782**	ug/L	0.151	0	1	11069	0	KED
	Cd	**114**	**26.600**	ug/L	0.324	1	1	28608	0	KED
>	**In**	**115**		ug/L			1683895	1651954	2	Standard
	Ba	**135**	**29.728**	ug/L	0.702	2	40	244896	0	Standard
	Ba	**137**	**29.125**	ug/L	0.391	1	83	421783	1	Standard
>	**Tb**	**159**		ug/L			2574605	2542439	0	Standard
	Pb	**208**	**28.758**	ug/L	0.182	0	496	3346480	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:08:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	51793	0	Standard
	Cl	**37**		ug/L			7073260	7134153	0	Standard
>	**Sc**	**45**		ug/L			1613478	1488589	0	Standard
	Cr	**52**	**0.282**	ug/L	0.012	4	18434	24225	1	Standard
	Cr	**53**	**0.444**	ug/L	0.008	1	222	1619	1	Standard
	Fe	**54**	**14.379**	ug/L	0.721	5	96561	125347	1	Standard
	Fe	**57**	**65.376**	ug/L	1.770	2	27329	87154	2	Standard
	Mn	**55**	**0.972**	ug/L	0.013	1	829	37837	1	Standard
>	**Ge**	**72**		ug/L			91541	80632	1	KED
	Ni	**60**	**2.040**	ug/L	0.029	1	13	2771	2	KED
	Ni	**62**	**2.106**	ug/L	0.152	7	5	462	7	KED
	Cu	**63**	**1.233**	ug/L	0.036	2	77	4773	3	KED
	Cu	**65**	**1.262**	ug/L	0.061	4	52	2472	4	KED
	Zn	**66**	**0.527**	ug/L	0.014	2	153	450	2	KED
	Zn	**67**	**2.657**	ug/L	0.093	3	17	273	2	KED
	As	**75**	**4.551**	ug/L	0.057	1	3	1275	1	KED
	Y	**89**		ug/L			831247	764748	0	Standard
	Kr	**83**		ug/L			356	324	11	Standard
>	**In-1**	**115**		ug/L			28443	25266	0	KED
	Mo	**98**	**124.707**	ug/L	1.643	1	18	193640	0	KED
	Cd	**111**	**0.040**	ug/L	0.004	9	1	15	9	KED
	Cd	**114**	**0.023**	ug/L	0.012	52	1	23	49	KED
>	**In**	**115**		ug/L			1683895	1419752	0	Standard
	Ba	**135**	**46.610**	ug/L	0.195	0	40	330094	0	Standard
	Ba	**137**	**46.019**	ug/L	0.714	1	83	572804	1	Standard
>	**Tb**	**159**		ug/L			2574605	2448151	0	Standard
	Pb	**208**	**22.826**	ug/L	0.093	0	496	2557808	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-02
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:14:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	49192	1	Standard
	Cl	**37**		ug/L			7073260	7120394	1	Standard
>	**Sc**	**45**		ug/L			1613478	1418066	9	Standard
	Cr	**52**	**0.314**	ug/L	0.072	22	18434	23733	2	Standard
	Cr	**53**	**0.378**	ug/L	0.038	10	222	1336	1	Standard
	Fe	**54**	**14.020**	ug/L	7.413	52	96561	117398	4	Standard
	Fe	**57**	**16.804**	ug/L	3.233	19	27329	39003	3	Standard
	Mn	**55**	**0.920**	ug/L	0.086	9	829	33947	1	Standard
>	**Ge**	**72**		ug/L			91541	81377	1	KED
	Ni	**60**	**1.848**	ug/L	0.055	2	13	2534	1	KED
	Ni	**62**	**1.930**	ug/L	0.091	4	5	427	6	KED
	Cu	**63**	**2.085**	ug/L	0.012	0	77	8100	1	KED
	Cu	**65**	**2.079**	ug/L	0.042	2	52	4081	2	KED
	Zn	**66**	**0.471**	ug/L	0.032	6	153	420	5	KED
	Zn	**67**	**1.190**	ug/L	0.180	15	17	132	13	KED
	As	**75**	**4.840**	ug/L	0.083	1	3	1369	2	KED
	Y	**89**		ug/L			831247	721418	9	Standard
	Kr	**83**		ug/L			356	337	8	Standard
>	**In-1**	**115**		ug/L			28443	25372	0	KED
	Mo	**98**	**126.581**	ug/L	1.498	1	18	197397	1	KED
	Cd	**111**	**0.043**	ug/L	0.016	37	1	17	33	KED
	Cd	**114**	**0.033**	ug/L	0.005	16	1	32	14	KED
>	**In**	**115**		ug/L			1683895	1358420	10	Standard
	Ba	**135**	**17.677**	ug/L	1.695	9	40	119020	1	Standard
	Ba	**137**	**17.511**	ug/L	1.859	10	83	207094	0	Standard
>	**Tb**	**159**		ug/L			2574605	2309780	8	Standard
	Pb	**208**	**5.038**	ug/L	0.425	8	496	530437	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-03
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:21:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	48367	1	Standard
	Cl	**37**		ug/L			7073260	7327261	0	Standard
⌈>	**Sc**	**45**		ug/L			1613478	1527055	0	Standard
|	**Cr**	**52**	**0.265**	ug/L	0.008	3	18434	24395	1	Standard
|	**Cr**	**53**	**0.332**	ug/L	0.010	2	222	1297	2	Standard
|	**Fe**	**54**	**5.844**	ug/L	0.124	2	96561	106506	0	Standard
|	**Fe**	**57**	**4.603**	ug/L	0.105	2	27329	30340	1	Standard
⌊	**Mn**	**55**	**0.826**	ug/L	0.011	1	829	33099	0	Standard
⌈>	**Ge**	**72**		ug/L			91541	82603	1	KED
|	**Ni**	**60**	**1.951**	ug/L	0.024	1	13	2715	0	KED
|	**Ni**	**62**	**1.865**	ug/L	0.045	2	5	419	3	KED
|	**Cu**	**63**	**1.871**	ug/L	0.033	1	77	7386	1	KED
|	**Cu**	**65**	**1.890**	ug/L	0.042	2	52	3770	1	KED
|	**Zn**	**66**	**0.352**	ug/L	0.027	7	153	354	5	KED
|	**Zn**	**67**	**1.009**	ug/L	0.011	1	17	116	1	KED
⌊	**As**	**75**	**4.865**	ug/L	0.081	1	3	1397	3	KED
	Y	**89**		ug/L			831247	768252	2	Standard
	Kr	**83**		ug/L			356	333	3	Standard
⌈>	**In-1**	**115**		ug/L			28443	25653	1	KED
|	**Mo**	**98**	**130.842**	ug/L	0.856	0	18	206275	0	KED
|	**Cd**	**111**	**0.048**	ug/L	0.012	25	1	19	21	KED
⌊	**Cd**	**114**	**0.028**	ug/L	0.004	13	1	28	11	KED
⌈>	**In**	**115**		ug/L			1683895	1425898	0	Standard
|	**Ba**	**135**	**12.085**	ug/L	0.115	0	40	85976	0	Standard
⌊	**Ba**	**137**	**11.785**	ug/L	0.048	0	83	147383	1	Standard
⌈>	**Tb**	**159**		ug/L			2574605	2475413	0	Standard
⌊	**Pb**	**208**	**0.962**	ug/L	0.011	1	496	109443	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:30:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	49772	1	Standard
	Cl	**37**		ug/L			7073260	7403555	1	Standard
>	**Sc**	**45**		ug/L			1613478	1538373	2	Standard
	Cr	**52**	**0.414**	ug/L	0.030	7	18434	28506	2	Standard
	Cr	**53**	**0.454**	ug/L	0.013	2	222	1707	0	Standard
	Fe	**54**	**7.062**	ug/L	1.040	14	96561	110429	0	Standard
	Fe	**57**	**1.433**	ug/L	0.402	28	27329	27456	1	Standard
	Mn	**55**	**0.945**	ug/L	0.022	2	829	38031	0	Standard
>	**Ge**	**72**		ug/L			91541	83554	2	KED
	Ni	**60**	**1.176**	ug/L	0.021	1	13	1661	2	KED
	Ni	**62**	**1.251**	ug/L	0.066	5	5	286	6	KED
	Cu	**63**	**0.667**	ug/L	0.026	3	77	2708	1	KED
	Cu	**65**	**0.659**	ug/L	0.035	5	52	1359	3	KED
	Zn	**66**	**0.201**	ug/L	0.046	23	153	264	8	KED
	Zn	**67**	**0.340**	ug/L	0.100	29	17	50	17	KED
	As	**75**	**0.897**	ug/L	0.025	2	3	263	5	KED
	Y	**89**		ug/L			831247	795303	0	Standard
	Kr	**83**		ug/L			356	314	0	Standard
>	**In-1**	**115**		ug/L			28443	26663	0	KED
	Mo	**98**	**51.003**	ug/L	0.523	1	18	83586	0	KED
	Cd	**111**	**0.014**	ug/L	0.011	77	1	6	61	KED
	Cd	**114**	**0.008**	ug/L	0.008	99	1	9	81	KED
>	**In**	**115**		ug/L			1683895	1453034	0	Standard
	Ba	**135**	**2.376**	ug/L	0.046	1	40	17252	1	Standard
	Ba	**137**	**2.296**	ug/L	0.022	0	83	29323	0	Standard
>	**Tb**	**159**		ug/L			2574605	2495430	0	Standard
	Pb	**208**	**0.180**	ug/L	0.002	1	496	21050	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:39:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			22754	55035	1	Standard
Cl	37		ug/L			7073260	7525644	0	Standard
Sc	45		ug/L			1613478	1934020	1	Standard
Cr	52	18.249	ug/L	0.077	0	18434	628632	1	Standard
Cr	53	17.338	ug/L	0.332	1	222	72075	0	Standard
Fe	54	16479.402	ug/L	227.718	1	96561	54096392	0	Standard
Fe	57	16759.395	ug/L	182.256	1	27329	20660282	1	Standard
Mn	55	404.764	ug/L	2.928	0	829	20061191	1	Standard
Ge	72		ug/L			91541	99720	1	KED
Ni	60	21.007	ug/L	0.253	1	13	35156	2	KED
Ni	62	21.128	ug/L	0.394	1	5	5683	2	KED
Cu	63	18.920	ug/L	0.037	0	77	89388	1	KED
Cu	65	18.587	ug/L	0.173	0	52	44259	1	KED
Zn	66	53.585	ug/L	0.998	1	153	39886	2	KED
Zn	67	53.193	ug/L	0.571	1	17	6391	0	KED
As	75	4.318	ug/L	0.063	1	3	1497	2	KED
Y	89		ug/L			831247	1284839	1	Standard
Kr	83		ug/L			356	514	9	Standard
In-1	115		ug/L			28443	31046	0	KED
Mo	98	0.167	ug/L	0.015	9	18	337	7	KED
Cd	111	0.103	ug/L	0.017	16	1	47	15	KED
Cd	114	0.084	ug/L	0.003	3	1	99	3	KED
In	115		ug/L			1683895	1685910	0	Standard
Ba	135	65.128	ug/L	0.651	0	40	547713	1	Standard
Ba	137	64.539	ug/L	0.280	0	83	953953	0	Standard
Tb	159		ug/L			2574605	2861503	1	Standard
Pb	208	12.531	ug/L	0.214	1	496	1641258	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:43:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	56181	0	Standard
	Cl	**37**		ug/L			7073260	7371160	0	Standard
>	**Sc**	**45**		ug/L			1613478	1833023	0	Standard
	Cr	**52**	**14.712**	ug/L	0.299	2	18434	484349	1	Standard
	Cr	**53**	**14.037**	ug/L	0.189	1	222	55362	0	Standard
	Fe	**54**	**14927.998**	ug/L	172.382	1	96561	46461069	0	Standard
	Fe	**57**	**15118.793**	ug/L	135.063	0	27329	17668276	0	Standard
	Mn	**55**	**265.876**	ug/L	3.215	1	829	12490003	0	Standard
>	**Ge**	**72**		ug/L			91541	99229	3	KED
	Ni	**60**	**21.691**	ug/L	0.245	1	13	36118	3	KED
	Ni	**62**	**21.698**	ug/L	0.284	1	5	5808	4	KED
	Cu	**63**	**19.697**	ug/L	0.070	0	77	92588	3	KED
	Cu	**65**	**19.402**	ug/L	0.069	0	52	45970	3	KED
	Zn	**66**	**36.310**	ug/L	0.129	0	153	26946	3	KED
	Zn	**67**	**38.465**	ug/L	0.968	2	17	4603	2	KED
	As	**75**	**3.282**	ug/L	0.083	2	3	1132	1	KED
	Y	**89**		ug/L			831247	1201780	1	Standard
	Kr	**83**		ug/L			356	448	8	Standard
>	**In-1**	**115**		ug/L			28443	29263	1	KED
	Mo	**98**	**0.145**	ug/L	0.015	10	18	280	10	KED
	Cd	**111**	**0.091**	ug/L	0.013	13	1	40	12	KED
	Cd	**114**	**0.115**	ug/L	0.020	17	1	127	17	KED
>	**In**	**115**		ug/L			1683895	1637817	3	Standard
	Ba	**135**	**62.307**	ug/L	1.452	2	40	508798	0	Standard
	Ba	**137**	**62.029**	ug/L	2.695	4	83	889943	1	Standard
>	**Tb**	**159**		ug/L			2574605	2739473	0	Standard
	Pb	**208**	**9.922**	ug/L	0.138	1	496	1244344	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:47:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	56186	0	Standard
	Cl	**37**		ug/L			7073260	7263373	1	Standard
>	**Sc**	**45**		ug/L			1613478	1806399	0	Standard
	Cr	**52**	**18.106**	ug/L	0.211	1	18434	582691	1	Standard
	Cr	**53**	**17.141**	ug/L	0.171	0	222	66569	0	Standard
	Fe	**54**	**13268.670**	ug/L	260.613	1	96561	40705438	1	Standard
	Fe	**57**	**13481.303**	ug/L	103.493	0	27329	15528744	0	Standard
	Mn	**55**	**252.763**	ug/L	4.610	1	829	11700713	0	Standard
>	**Ge**	**72**		ug/L			91541	97517	0	KED
	Ni	**60**	**21.508**	ug/L	0.313	1	13	35198	0	KED
	Ni	**62**	**22.064**	ug/L	0.592	2	5	5804	3	KED
	Cu	**63**	**17.832**	ug/L	0.207	1	77	82391	1	KED
	Cu	**65**	**17.868**	ug/L	0.073	0	52	41611	0	KED
	Zn	**66**	**35.633**	ug/L	0.255	0	153	25993	1	KED
	Zn	**67**	**36.884**	ug/L	0.505	1	17	4340	1	KED
	As	**75**	**3.531**	ug/L	0.075	2	3	1198	2	KED
	Y	**89**		ug/L			831247	1169775	1	Standard
	Kr	**83**		ug/L			356	446	1	Standard
>	**In-1**	**115**		ug/L			28443	29571	0	KED
	Mo	**98**	**0.183**	ug/L	0.004	1	18	351	1	KED
	Cd	**111**	**0.094**	ug/L	0.010	10	1	41	9	KED
	Cd	**114**	**0.077**	ug/L	0.018	23	1	87	23	KED
>	**In**	**115**		ug/L			1683895	1645943	1	Standard
	Ba	**135**	**61.517**	ug/L	0.496	0	40	505038	0	Standard
	Ba	**137**	**61.452**	ug/L	0.853	1	83	886681	0	Standard
>	**Tb**	**159**		ug/L			2574605	2741678	0	Standard
	Pb	**208**	**11.202**	ug/L	0.115	1	496	1406067	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:53:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	35483	2	Standard
	Cl	**37**		ug/L			7073260	6883347	0	Standard
⎡>	**Sc**	**45**		ug/L			1613478	1626705	0	Standard
⎢	**Cr**	**52**	**-0.028**	ug/L	0.004	12	18434	17799	0	Standard
⎢	**Cr**	**53**	**-0.014**	ug/L	0.002	18	222	176	5	Standard
⎢	**Fe**	**54**	**0.572**	ug/L	0.126	22	96561	98929	0	Standard
⎢	**Fe**	**57**	**9.707**	ug/L	0.188	1	27329	37602	0	Standard
⎣	**Mn**	**55**	**0.014**	ug/L	0.001	3	829	1424	1	Standard
⎡>	**Ge**	**72**		ug/L			91541	98676	1	KED
⎢	**Ni**	**60**	**0.006**	ug/L	0.004	69	13	24	27	KED
⎢	**Ni**	**62**	**0.015**	ug/L	0.014	90	5	9	40	KED
⎢	**Cu**	**63**	**0.011**	ug/L	0.003	27	77	133	10	KED
⎢	**Cu**	**65**	**0.004**	ug/L	0.004	110	52	64	13	KED
⎢	**Zn**	**66**	**0.068**	ug/L	0.031	46	153	214	10	KED
⎢	**Zn**	**67**	**0.144**	ug/L	0.063	43	17	36	18	KED
⎣	**As**	**75**	**-0.009**	ug/L	0.003	37	3	1	98	KED
	Y	**89**		ug/L			831247	842492	1	Standard
	Kr	**83**		ug/L			356	340	6	Standard
⎡>	**In-1**	**115**		ug/L			28443	29535	1	KED
⎢	**Mo**	**98**	**-0.008**	ug/L	0.002	19	18	4	70	KED
⎢	**Cd**	**111**	**-0.000**	ug/L	0.001	996	1	1	34	KED
⎣	**Cd**	**114**	**-0.000**	ug/L	0.003	2939	1	1	185	KED
⎡>	**In**	**115**		ug/L			1683895	1609253	1	Standard
⎢	**Ba**	**135**	**0.003**	ug/L	0.001	22	40	64	9	Standard
⎣	**Ba**	**137**	**0.002**	ug/L	0.000	3	83	106	1	Standard
⎡>	**Tb**	**159**		ug/L			2574605	2575228	1	Standard
⎣	**Pb**	**208**	**0.003**	ug/L	0.000	11	496	827	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 00:58:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	23524	1	Standard
	Cl	**37**		ug/L			7073260	7652134	0	Standard
>	**Sc**	**45**		ug/L			1613478	1592684	1	Standard
	Cr	**52**	**53.747**	ug/L	0.535	0	18434	1489181	0	Standard
	Cr	**53**	**50.690**	ug/L	0.078	0	222	173147	1	Standard
	Fe	**54**	**5070.506**	ug/L	97.222	1	96561	13773233	1	Standard
	Fe	**57**	**5068.887**	ug/L	34.354	0	27329	5164699	0	Standard
	Mn	**55**	**50.838**	ug/L	0.839	1	829	2075531	0	Standard
>	**Ge**	**72**		ug/L			91541	94852	1	KED
	Ni	**60**	**49.877**	ug/L	0.545	1	13	79371	1	KED
	Ni	**62**	**49.995**	ug/L	1.107	2	5	12780	0	KED
	Cu	**63**	**50.595**	ug/L	0.500	0	77	227198	0	KED
	Cu	**65**	**50.457**	ug/L	0.713	1	52	114180	0	KED
	Zn	**66**	**49.941**	ug/L	0.100	0	153	35368	1	KED
	Zn	**67**	**51.468**	ug/L	0.566	1	17	5883	1	KED
	As	**75**	**50.386**	ug/L	0.398	0	3	16576	1	KED
	Y	**89**		ug/L			831247	807780	1	Standard
	Kr	**83**		ug/L			356	341	5	Standard
>	**In-1**	**115**		ug/L			28443	28858	0	KED
	Mo	**98**	**47.742**	ug/L	0.218	0	18	84685	0	KED
	Cd	**111**	**50.293**	ug/L	0.091	0	1	20906	0	KED
	Cd	**114**	**50.152**	ug/L	0.343	0	1	54251	0	KED
>	**In**	**115**		ug/L			1683895	1546793	1	Standard
	Ba	**135**	**51.459**	ug/L	0.545	1	40	397013	0	Standard
	Ba	**137**	**51.035**	ug/L	0.493	0	83	692058	0	Standard
>	**Tb**	**159**		ug/L			2574605	2556973	1	Standard
	Pb	**208**	**53.381**	ug/L	0.984	1	496	6245744	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:05:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	22721	2	Standard
	Cl	**37**		ug/L			7073260	7101162	0	Standard
⎡>	**Sc**	**45**		ug/L			1613478	1548054	0	Standard
⎢	**Cr**	**52**	**0.010**	ug/L	0.006	55	18434	17961	0	Standard
⎢	**Cr**	**53**	**-0.021**	ug/L	0.003	12	222	144	5	Standard
⎢	**Fe**	**54**	**1.119**	ug/L	0.651	58	96561	95575	1	Standard
⎢	**Fe**	**57**	**-2.811**	ug/L	0.505	17	27329	23450	1	Standard
⎣	**Mn**	**55**	**0.009**	ug/L	0.001	9	829	1150	2	Standard
⎡>	**Ge**	**72**		ug/L			91541	93877	0	KED
⎢	**Ni**	**60**	**0.003**	ug/L	0.002	72	13	19	20	KED
⎢	**Ni**	**62**	**0.002**	ug/L	0.013	651	5	5	57	KED
⎢	**Cu**	**63**	**0.004**	ug/L	0.003	82	77	97	15	KED
⎢	**Cu**	**65**	**-0.002**	ug/L	0.003	133	52	48	14	KED
⎢	**Zn**	**66**	**0.011**	ug/L	0.012	109	153	164	5	KED
⎢	**Zn**	**67**	**0.087**	ug/L	0.105	121	17	27	41	KED
⎣	**As**	**75**	**0.006**	ug/L	0.009	158	3	5	50	KED
	Y	**89**		ug/L			831247	781938	1	Standard
	Kr	**83**		ug/L			356	324	0	Standard
⎡>	**In-1**	**115**		ug/L			28443	28678	0	KED
⎢	**Mo**	**98**	**0.018**	ug/L	0.007	40	18	49	25	KED
⎢	**Cd**	**111**	**0.004**	ug/L	0.006	152	1	3	75	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.001	66	1	0	228	KED
⎡>	**In**	**115**		ug/L			1683895	1561923	0	Standard
⎢	**Ba**	**135**	**0.000**	ug/L	0.003	907	40	39	53	Standard
⎣	**Ba**	**137**	**0.001**	ug/L	0.000	13	83	87	2	Standard
⎡>	**Tb**	**159**		ug/L			2574605	2515267	1	Standard
⎣	**Pb**	**208**	**0.000**	ug/L	0.000	105	496	529	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0395-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:09:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	79863	1	Standard
	Cl	37		ug/L			7073260	7104382	1	Standard
>	Sc	45		ug/L			1613478	1643879	0	Standard
	Cr	52	12.465	ug/L	0.095	0	18434	370936	0	Standard
	Cr	53	12.332	ug/L	0.045	0	222	43650	0	Standard
	Fe	54	50.706	ug/L	0.512	1	96561	239581	0	Standard
	Fe	57	101.941	ug/L	0.993	0	27329	134498	0	Standard
	Mn	55	9.699	ug/L	0.085	0	829	409459	0	Standard
>	Ge	72		ug/L			91541	80761	1	KED
	Ni	60	2.235	ug/L	0.050	2	13	3039	1	KED
	Ni	62	2.494	ug/L	0.030	1	5	547	0	KED
	Cu	63	11.312	ug/L	0.066	0	77	43308	0	KED
	Cu	65	11.218	ug/L	0.169	1	52	21651	0	KED
	Zn	66	7.611	ug/L	0.141	1	153	4703	1	KED
	Zn	67	7.041	ug/L	0.281	3	17	699	4	KED
	As	75	0.078	ug/L	0.016	20	3	25	17	KED
	Y	89		ug/L			831247	815895	0	Standard
	Kr	83		ug/L			356	342	6	Standard
>	In-1	115		ug/L			28443	25668	0	KED
	Mo	98	14.047	ug/L	0.386	2	18	22172	2	KED
	Cd	111	0.017	ug/L	0.014	85	1	7	69	KED
	Cd	114	0.009	ug/L	0.002	21	1	10	17	KED
>	In	115		ug/L			1683895	1574217	1	Standard
	Ba	135	1.003	ug/L	0.007	0	40	7915	1	Standard
	Ba	137	0.972	ug/L	0.015	1	83	13495	0	Standard
>	Tb	159		ug/L			2574605	2529787	1	Standard
	Pb	208	0.031	ug/L	0.001	4	496	4127	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0395-02
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:14:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	74452	0	Standard
	Cl	37		ug/L			7073260	6864088	0	Standard
>	Sc	45		ug/L			1613478	1637635	1	Standard
	Cr	52	14.522	ug/L	0.066	0	18434	427388	0	Standard
	Cr	53	14.075	ug/L	0.211	1	222	49593	0	Standard
	Fe	54	43.742	ug/L	0.708	1	96561	219336	0	Standard
	Fe	57	91.320	ug/L	1.132	1	27329	122909	0	Standard
	Mn	55	8.025	ug/L	0.062	0	829	337615	1	Standard
>	Ge	72		ug/L			91541	77323	0	KED
	Ni	60	2.421	ug/L	0.034	1	13	3152	0	KED
	Ni	62	2.618	ug/L	0.127	4	5	549	5	KED
	Cu	63	11.388	ug/L	0.048	0	77	41743	0	KED
	Cu	65	11.258	ug/L	0.077	0	52	20805	0	KED
	Zn	66	8.241	ug/L	0.213	2	153	4865	2	KED
	Zn	67	8.416	ug/L	0.235	2	17	796	2	KED
	As	75	0.067	ug/L	0.014	20	3	21	16	KED
	Y	89		ug/L			831247	817757	1	Standard
	Kr	83		ug/L			356	346	1	Standard
>	In-1	115		ug/L			28443	24897	0	KED
	Mo	98	15.027	ug/L	0.216	1	18	23005	0	KED
	Cd	111	0.008	ug/L	0.004	53	1	4	35	KED
	Cd	114	0.012	ug/L	0.005	44	1	12	38	KED
>	In	115		ug/L			1683895	1615496	1	Standard
	Ba	135	0.824	ug/L	0.016	1	40	6680	0	Standard
	Ba	137	0.786	ug/L	0.018	2	83	11206	0	Standard
>	Tb	159		ug/L			2574605	2542604	0	Standard
	Pb	208	0.010	ug/L	0.000	3	496	1675	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0395-03
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:18:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	76025	1	Standard
	Cl	37		ug/L			7073260	6924967	1	Standard
>	Sc	45		ug/L			1613478	1658083	1	Standard
	Cr	52	10.269	ug/L	0.110	1	18434	311544	0	Standard
	Cr	53	9.959	ug/L	0.136	1	222	35596	1	Standard
	Fe	54	34.503	ug/L	0.923	2	96561	196124	0	Standard
	Fe	57	70.361	ug/L	1.885	2	27329	102323	1	Standard
	Mn	55	5.469	ug/L	0.029	0	829	233260	1	Standard
>	Ge	72		ug/L			91541	76975	4	KED
	Ni	60	1.988	ug/L	0.019	0	13	2578	3	KED
	Ni	62	2.005	ug/L	0.059	2	5	420	6	KED
	Cu	63	8.197	ug/L	0.060	0	77	29922	3	KED
	Cu	65	8.084	ug/L	0.203	2	52	14875	2	KED
	Zn	66	6.174	ug/L	0.212	3	153	3660	4	KED
	Zn	67	5.813	ug/L	0.248	4	17	553	7	KED
	As	75	0.061	ug/L	0.009	14	3	19	12	KED
	Y	89		ug/L			831247	830119	1	Standard
	Kr	83		ug/L			356	361	6	Standard
>	In-1	115		ug/L			28443	25196	1	KED
	Mo	98	14.283	ug/L	0.286	2	18	22129	0	KED
	Cd	111	0.008	ug/L	0.002	21	1	4	13	KED
	Cd	114	0.009	ug/L	0.005	55	1	9	46	KED
>	In	115		ug/L			1683895	1647675	1	Standard
	Ba	135	0.686	ug/L	0.008	1	40	5677	2	Standard
	Ba	137	0.657	ug/L	0.015	2	83	9574	0	Standard
>	Tb	159		ug/L			2574605	2553081	0	Standard
	Pb	208	0.011	ug/L	0.000	3	496	1725	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:24:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	38473	2	Standard
	Cl	**37**		ug/L			7073260	7902383	0	Standard
>	**Sc**	**45**		ug/L			1613478	1752902	0	Standard
	Cr	**52**	**0.229**	ug/L	0.013	5	18434	26919	1	Standard
	Cr	**53**	**0.018**	ug/L	0.005	26	222	309	5	Standard
	Fe	**54**	**1.858**	ug/L	0.252	13	96561	110417	0	Standard
	Fe	**57**	**30.173**	ug/L	0.801	2	27329	63348	0	Standard
	Mn	**55**	**0.013**	ug/L	0.000	2	829	1463	1	Standard
>	**Ge**	**72**		ug/L			91541	93420	1	KED
	Ni	**60**	**0.007**	ug/L	0.010	134	13	24	60	KED
	Ni	**62**	**0.005**	ug/L	0.005	98	5	6	17	KED
	Cu	**63**	**0.009**	ug/L	0.001	16	77	118	4	KED
	Cu	**65**	**0.006**	ug/L	0.006	105	52	66	20	KED
	Zn	**66**	**0.080**	ug/L	0.010	12	153	212	5	KED
	Zn	**67**	**0.150**	ug/L	0.040	26	17	34	11	KED
	As	**75**	**-0.004**	ug/L	0.004	116	3	2	53	KED
	Y	**89**		ug/L			831247	877974	1	Standard
	Kr	**83**		ug/L			356	315	6	Standard
>	**In-1**	**115**		ug/L			28443	29225	0	KED
	Mo	**98**	**-0.009**	ug/L	0.001	8	18	2	46	KED
	Cd	**111**	**0.001**	ug/L	0.003	186	1	2	49	KED
	Cd	**114**	**0.003**	ug/L	0.002	72	1	4	45	KED
>	**In**	**115**		ug/L			1683895	1783350	1	Standard
	Ba	**135**	**0.006**	ug/L	0.000	3	40	97	2	Standard
	Ba	**137**	**0.004**	ug/L	0.001	33	83	156	15	Standard
>	**Tb**	**159**		ug/L			2574605	2735109	0	Standard
	Pb	**208**	**0.003**	ug/L	0.001	23	496	841	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0238-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:29:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	72903	1	Standard
	Cl	**37**		ug/L			7073260	7549675	0	Standard
>	**Sc**	**45**		ug/L			1613478	1755681	1	Standard
	Cr	**52**	**0.862**	ug/L	0.051	5	18434	46067	2	Standard
	Cr	**53**	**0.750**	ug/L	0.003	0	222	3061	1	Standard
	Fe	**54**	**85.591**	ug/L	1.399	1	96561	359582	0	Standard
	Fe	**57**	**95.919**	ug/L	2.695	2	27329	136884	0	Standard
	Mn	**55**	**11.340**	ug/L	0.023	0	829	511113	1	Standard
>	**Ge**	**72**		ug/L			91541	91094	1	KED
	Ni	**60**	**7.536**	ug/L	0.110	1	13	11529	1	KED
	Ni	**62**	**7.895**	ug/L	0.097	1	5	1942	1	KED
	Cu	**63**	**18.086**	ug/L	0.262	1	77	78053	1	KED
	Cu	**65**	**17.964**	ug/L	0.400	2	52	39074	1	KED
	Zn	**66**	**67.711**	ug/L	0.530	0	153	45999	0	KED
	Zn	**67**	**64.352**	ug/L	1.476	2	17	7060	2	KED
	As	**75**	**0.734**	ug/L	0.024	3	3	235	2	KED
	Y	**89**		ug/L			831247	884398	2	Standard
	Kr	**83**		ug/L			356	355	4	Standard
>	**In-1**	**115**		ug/L			28443	28780	0	KED
	Mo	**98**	**0.706**	ug/L	0.044	6	18	1266	5	KED
	Cd	**111**	**0.112**	ug/L	0.017	14	1	47	14	KED
	Cd	**114**	**0.086**	ug/L	0.006	6	1	94	5	KED
>	**In**	**115**		ug/L			1683895	1785135	0	Standard
	Ba	**135**	**10.116**	ug/L	0.140	1	40	90106	0	Standard
	Ba	**137**	**9.942**	ug/L	0.208	2	83	155663	1	Standard
>	**Tb**	**159**		ug/L			2574605	2710209	1	Standard
	Pb	**208**	**0.233**	ug/L	0.004	1	496	29390	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0238-02
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:33:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	72713	1	Standard
	Cl	37		ug/L			7073260	7728918	0	Standard
>	Sc	45		ug/L			1613478	1719065	0	Standard
	Cr	52	1.964	ug/L	0.037	1	18434	77653	1	Standard
	Cr	53	1.820	ug/L	0.015	0	222	6936	0	Standard
	Fe	54	88.952	ug/L	1.676	1	96561	361901	1	Standard
	Fe	57	83.577	ug/L	0.324	0	27329	120558	0	Standard
	Mn	55	10.817	ug/L	0.088	0	829	477431	0	Standard
>	Ge	72		ug/L			91541	91055	1	KED
	Ni	60	24.446	ug/L	0.342	1	13	37350	0	KED
	Ni	62	24.125	ug/L	0.444	1	5	5923	0	KED
	Cu	63	54.118	ug/L	1.179	2	77	233284	1	KED
	Cu	65	53.942	ug/L	1.107	2	52	117175	0	KED
	Zn	66	281.233	ug/L	2.532	0	153	190485	0	KED
	Zn	67	266.334	ug/L	4.446	1	17	29150	0	KED
	As	75	0.230	ug/L	0.035	15	3	76	15	KED
	Y	89		ug/L			831247	878714	1	Standard
	Kr	83		ug/L			356	348	3	Standard
>	In-1	115		ug/L			28443	28920	0	KED
	Mo	98	1.551	ug/L	0.039	2	18	2775	2	KED
	Cd	111	0.155	ug/L	0.007	4	1	66	4	KED
	Cd	114	0.157	ug/L	0.019	12	1	171	12	KED
>	In	115		ug/L			1683895	1774045	0	Standard
	Ba	135	5.997	ug/L	0.122	2	40	53099	1	Standard
	Ba	137	5.897	ug/L	0.090	1	83	91804	1	Standard
>	Tb	159		ug/L			2574605	2705139	0	Standard
	Pb	208	0.603	ug/L	0.005	0	496	75134	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0238-03
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:37:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	68259	1	Standard
	Cl	37		ug/L			7073260	7721363	0	Standard
>	Sc	45		ug/L			1613478	1696893	0	Standard
	Cr	52	1.610	ug/L	0.034	2	18434	66326	1	Standard
	Cr	53	1.489	ug/L	0.034	2	222	5646	1	Standard
	Fe	54	78.628	ug/L	0.385	0	96561	327570	0	Standard
	Fe	57	72.083	ug/L	1.037	1	27329	106588	0	Standard
	Mn	55	9.537	ug/L	0.053	0	829	415602	0	Standard
>	Ge	72		ug/L			91541	91430	0	KED
	Ni	60	21.969	ug/L	0.302	1	13	33707	0	KED
	Ni	62	22.369	ug/L	0.603	2	5	5516	2	KED
	Cu	63	52.515	ug/L	0.758	1	77	227319	0	KED
	Cu	65	51.870	ug/L	0.101	0	52	113159	0	KED
	Zn	66	137.225	ug/L	2.171	1	153	93405	0	KED
	Zn	67	129.187	ug/L	1.078	0	17	14209	1	KED
	As	75	0.210	ug/L	0.021	10	3	70	9	KED
	Y	89		ug/L			831247	867065	1	Standard
	Kr	83		ug/L			356	365	6	Standard
>	In-1	115		ug/L			28443	28437	0	KED
	Mo	98	1.349	ug/L	0.006	0	18	2375	1	KED
	Cd	111	0.091	ug/L	0.012	12	1	39	12	KED
	Cd	114	0.081	ug/L	0.017	20	1	88	19	KED
>	In	115		ug/L			1683895	1757918	0	Standard
	Ba	135	4.524	ug/L	0.086	1	40	39707	1	Standard
	Ba	137	4.433	ug/L	0.080	1	83	68393	1	Standard
>	Tb	159		ug/L			2574605	2672725	2	Standard
	Pb	208	0.545	ug/L	0.011	2	496	67126	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0238-04
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:42:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	73828	1	Standard
	Cl	**37**		ug/L			7073260	7776556	0	Standard
>	**Sc**	**45**		ug/L			1613478	1672468	1	Standard
	Cr	**52**	**1.391**	ug/L	0.027	1	18434	59074	1	Standard
	Cr	**53**	**1.263**	ug/L	0.052	4	222	4754	2	Standard
	Fe	**54**	**60.529**	ug/L	2.066	3	96561	271508	0	Standard
	Fe	**57**	**53.565**	ug/L	2.274	4	27329	85316	1	Standard
	Mn	**55**	**3.081**	ug/L	0.036	1	829	132895	0	Standard
>	**Ge**	**72**		ug/L			91541	91016	0	KED
	Ni	**60**	**5.948**	ug/L	0.180	3	13	9094	2	KED
	Ni	**62**	**6.032**	ug/L	0.234	3	5	1484	4	KED
	Cu	**63**	**20.783**	ug/L	0.173	0	77	89610	0	KED
	Cu	**65**	**20.502**	ug/L	0.017	0	52	44556	0	KED
	Zn	**66**	**15.136**	ug/L	0.219	1	153	10392	1	KED
	Zn	**67**	**14.692**	ug/L	0.537	3	17	1624	3	KED
	As	**75**	**0.434**	ug/L	0.011	2	3	140	2	KED
	Y	**89**		ug/L			831247	851348	0	Standard
	Kr	**83**		ug/L			356	318	6	Standard
>	**In-1**	**115**		ug/L			28443	28528	0	KED
	Mo	**98**	**1.461**	ug/L	0.020	1	18	2578	1	KED
	Cd	**111**	**0.022**	ug/L	0.010	46	1	10	39	KED
	Cd	**114**	**0.023**	ug/L	0.007	32	1	25	30	KED
>	**In**	**115**		ug/L			1683895	1744475	1	Standard
	Ba	**135**	**2.137**	ug/L	0.055	2	40	18628	0	Standard
	Ba	**137**	**2.109**	ug/L	0.073	3	83	32326	2	Standard
>	**Tb**	**159**		ug/L			2574605	2656368	1	Standard
	Pb	**208**	**0.303**	ug/L	0.005	1	496	37396	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0400-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:47:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	779760	1	Standard
	Cl	37		ug/L			7073260	7397974	0	Standard
>	Sc	45		ug/L			1613478	1563893	2	Standard
	Cr	52	16.561	ug/L	0.418	2	18434	462780	0	Standard
	Cr	53	14.838	ug/L	0.264	1	222	49905	0	Standard
	Fe	54	1374.614	ug/L	36.007	2	96561	3733651	0	Standard
	Fe	57	2426.782	ug/L	77.162	3	27329	2440671	0	Standard
	Mn	55	177.585	ug/L	3.658	2	829	7115826	0	Standard
>	Ge	72		ug/L			91541	74313	0	KED
	Ni	60	10.458	ug/L	0.142	1	13	13048	1	KED
	Ni	62	9.990	ug/L	0.312	3	5	2004	2	KED
	Cu	63	1.145	ug/L	0.028	2	77	4090	2	KED
	Cu	65	1.134	ug/L	0.052	4	52	2052	4	KED
	Zn	66	17.603	ug/L	0.313	1	153	9848	2	KED
	Zn	67	19.385	ug/L	0.909	4	17	1744	3	KED
	As	75	0.622	ug/L	0.047	7	3	163	7	KED
	Y	89		ug/L			831247	781266	1	Standard
	Kr	83		ug/L			356	344	4	Standard
>	In-1	115		ug/L			28443	24592	1	KED
	Mo	98	7.249	ug/L	0.067	0	18	10969	0	KED
	Cd	111	0.145	ug/L	0.021	14	1	52	14	KED
	Cd	114	0.131	ug/L	0.024	18	1	122	18	KED
>	In	115		ug/L			1683895	1510448	1	Standard
	Ba	135	73.996	ug/L	1.183	1	40	557434	0	Standard
	Ba	137	73.101	ug/L	0.709	0	83	967953	0	Standard
>	Tb	159		ug/L			2574605	2551431	0	Standard
	Pb	208	0.073	ug/L	0.001	1	496	9030	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:55:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	39834	2	Standard
	Cl	**37**		ug/L			7073260	8392701	0	Standard
⌈>	**Sc**	**45**		ug/L			1613478	1653154	0	Standard
|	**Cr**	**52**	**0.069**	ug/L	0.010	13	18434	20833	0	Standard
|	**Cr**	**53**	**-0.010**	ug/L	0.001	9	222	192	1	Standard
|	**Fe**	**54**	**1.189**	ug/L	0.085	7	96561	102265	0	Standard
|	**Fe**	**57**	**-4.721**	ug/L	0.307	6	27329	23033	0	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	16	829	1021	3	Standard
⌈>	**Ge**	**72**		ug/L			91541	89751	2	KED
|	**Ni**	**60**	**0.008**	ug/L	0.002	23	13	24	13	KED
|	**Ni**	**62**	**0.008**	ug/L	0.008	103	5	6	31	KED
|	**Cu**	**63**	**0.011**	ug/L	0.003	27	77	123	8	KED
|	**Cu**	**65**	**0.002**	ug/L	0.001	62	52	55	3	KED
|	**Zn**	**66**	**0.055**	ug/L	0.055	100	153	186	20	KED
|	**Zn**	**67**	**0.139**	ug/L	0.008	5	17	32	0	KED
⌊	**As**	**75**	**-0.004**	ug/L	0.005	112	3	2	60	KED
	Y	**89**		ug/L			831247	827912	1	Standard
	Kr	**83**		ug/L			356	337	6	Standard
⌈>	**In-1**	**115**		ug/L			28443	28357	1	KED
|	**Mo**	**98**	**-0.008**	ug/L	0.001	8	18	4	26	KED
|	**Cd**	**111**	**0.001**	ug/L	0.005	569	1	1	100	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	236	1	3	99	KED
⌈>	**In**	**115**		ug/L			1683895	1722751	1	Standard
|	**Ba**	**135**	**0.006**	ug/L	0.003	48	40	96	28	Standard
⌊	**Ba**	**137**	**0.005**	ug/L	0.000	2	83	154	2	Standard
⌈>	**Tb**	**159**		ug/L			2574605	2670865	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	20	496	793	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 01:59:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	26565	0	Standard
	Cl	**37**		ug/L			7073260	7998135	0	Standard
>	**Sc**	**45**		ug/L			1613478	1661125	0	Standard
	Cr	**52**	**53.288**	ug/L	1.090	2	18434	1540217	2	Standard
	Cr	**53**	**50.048**	ug/L	0.321	0	222	178302	1	Standard
	Fe	**54**	**5230.422**	ug/L	72.016	1	96561	14816681	1	Standard
	Fe	**57**	**5317.077**	ug/L	46.187	0	27329	5649297	0	Standard
	Mn	**55**	**51.569**	ug/L	1.017	1	829	2195993	1	Standard
>	**Ge**	**72**		ug/L			91541	90555	0	KED
	Ni	**60**	**49.383**	ug/L	0.398	0	13	75028	0	KED
	Ni	**62**	**49.790**	ug/L	0.215	0	5	12155	0	KED
	Cu	**63**	**50.847**	ug/L	0.569	1	77	217997	0	KED
	Cu	**65**	**50.645**	ug/L	0.323	0	52	109427	0	KED
	Zn	**66**	**50.604**	ug/L	0.649	1	153	34211	0	KED
	Zn	**67**	**49.838**	ug/L	0.425	0	17	5439	0	KED
	As	**75**	**50.143**	ug/L	0.232	0	3	15749	0	KED
	Y	**89**		ug/L			831247	867853	2	Standard
	Kr	**83**		ug/L			356	349	9	Standard
>	**In-1**	**115**		ug/L			28443	28320	1	KED
	Mo	**98**	**48.321**	ug/L	0.771	1	18	84099	0	KED
	Cd	**111**	**50.929**	ug/L	1.321	2	1	20769	0	KED
	Cd	**114**	**50.486**	ug/L	0.676	1	1	53587	0	KED
>	**In**	**115**		ug/L			1683895	1715300	1	Standard
	Ba	**135**	**48.310**	ug/L	0.782	1	40	413296	0	Standard
	Ba	**137**	**47.321**	ug/L	1.163	2	83	711466	0	Standard
>	**Tb**	**159**		ug/L			2574605	2685347	0	Standard
	Pb	**208**	**53.379**	ug/L	0.562	1	496	6560109	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:06:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	23969	2	Standard
	Cl	**37**		ug/L			7073260	7737627	0	Standard
⌈>	**Sc**	**45**		ug/L			1613478	1633203	1	Standard
|	**Cr**	**52**	**-0.026**	ug/L	0.014	54	18434	17932	0	Standard
|	**Cr**	**53**	**-0.020**	ug/L	0.003	13	222	154	4	Standard
|	**Fe**	**54**	**0.992**	ug/L	0.880	88	96561	100459	1	Standard
|	**Fe**	**57**	**-9.542**	ug/L	0.456	4	27329	17741	1	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	63	829	936	4	Standard
⌈>	**Ge**	**72**		ug/L			91541	92491	1	KED
|	**Ni**	**60**	**0.006**	ug/L	0.006	104	13	22	42	KED
|	**Ni**	**62**	**-0.000**	ug/L	0.005	2857	5	5	21	KED
|	**Cu**	**63**	**0.002**	ug/L	0.004	189	77	86	19	KED
|	**Cu**	**65**	**-0.003**	ug/L	0.005	137	52	45	23	KED
|	**Zn**	**66**	**-0.004**	ug/L	0.026	620	153	151	12	KED
|	**Zn**	**67**	**0.112**	ug/L	0.060	53	17	30	22	KED
⌊	**As**	**75**	**-0.001**	ug/L	0.004	367	3	3	34	KED
	Y	**89**		ug/L			831247	846634	1	Standard
	Kr	**83**		ug/L			356	340	9	Standard
⌈>	**In-1**	**115**		ug/L			28443	29147	0	KED
|	**Mo**	**98**	**0.017**	ug/L	0.002	9	18	48	6	KED
|	**Cd**	**111**	**0.001**	ug/L	0.005	333	1	2	89	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.003	65	1	6	46	KED
⌈>	**In**	**115**		ug/L			1683895	1701875	1	Standard
|	**Ba**	**135**	**0.002**	ug/L	0.002	112	40	55	30	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.000	56	83	73	8	Standard
⌈>	**Tb**	**159**		ug/L			2574605	2635991	0	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	193	496	517	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0334-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:11:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	146588	2	Standard
	Cl	**37**		ug/L			7073260	7369039	0	Standard
>	**Sc**	**45**		ug/L			1613478	1708033	1	Standard
	Cr	**52**	**0.298**	ug/L	0.019	6	18434	28256	0	Standard
	Cr	**53**	**0.885**	ug/L	0.012	1	222	3471	0	Standard
	Fe	**54**	**-2.753**	ug/L	0.427	15	96561	94244	0	Standard
	Fe	**57**	**21.724**	ug/L	0.629	2	27329	52545	1	Standard
	Mn	**55**	**1.770**	ug/L	0.025	1	829	78354	1	Standard
>	**Ge**	**72**		ug/L			91541	92421	1	KED
	Ni	**60**	**0.201**	ug/L	0.018	8	13	325	8	KED
	Ni	**62**	**0.247**	ug/L	0.018	7	5	66	7	KED
	Cu	**63**	**5.154**	ug/L	0.033	0	77	22624	1	KED
	Cu	**65**	**5.032**	ug/L	0.101	2	52	11145	2	KED
	Zn	**66**	**5.009**	ug/L	0.100	2	153	3595	1	KED
	Zn	**67**	**4.951**	ug/L	0.439	8	17	567	8	KED
	As	**75**	**0.400**	ug/L	0.017	4	3	131	3	KED
	Y	**89**		ug/L			831247	839343	2	Standard
	Kr	**83**		ug/L			356	344	4	Standard
>	**In-1**	**115**		ug/L			28443	28328	2	KED
	Mo	**98**	**0.291**	ug/L	0.006	2	18	525	2	KED
	Cd	**111**	**0.005**	ug/L	0.007	145	1	3	78	KED
	Cd	**114**	**0.005**	ug/L	0.005	95	1	7	71	KED
>	**In**	**115**		ug/L			1683895	1664516	1	Standard
	Ba	**135**	**1.583**	ug/L	0.019	1	40	13178	0	Standard
	Ba	**137**	**1.538**	ug/L	0.027	1	83	22521	1	Standard
>	**Tb**	**159**		ug/L			2574605	2625356	0	Standard
	Pb	**208**	**0.169**	ug/L	0.003	1	496	20763	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0406-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:15:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	109324	1	Standard
	Cl	**37**		ug/L			7073260	7302395	0	Standard
>	**Sc**	**45**		ug/L			1613478	1641998	1	Standard
	Cr	**52**	**0.258**	ug/L	0.011	4	18434	26040	0	Standard
	Cr	**53**	**0.579**	ug/L	0.013	2	222	2261	1	Standard
	Fe	**54**	**-4.905**	ug/L	0.177	3	96561	84629	1	Standard
	Fe	**57**	**17.392**	ug/L	0.430	2	27329	45991	2	Standard
	Mn	**55**	**1.565**	ug/L	0.003	0	829	66695	1	Standard
>	**Ge**	**72**		ug/L			91541	93882	1	KED
	Ni	**60**	**0.045**	ug/L	0.016	35	13	83	29	KED
	Ni	**62**	**0.140**	ug/L	0.018	12	5	40	9	KED
	Cu	**63**	**27.797**	ug/L	0.252	0	77	123586	0	KED
	Cu	**65**	**27.500**	ug/L	0.315	1	52	61620	0	KED
	Zn	**66**	**2.071**	ug/L	0.052	2	153	1602	3	KED
	Zn	**67**	**1.998**	ug/L	0.283	14	17	243	14	KED
	As	**75**	**0.439**	ug/L	0.014	3	3	146	2	KED
	Y	**89**		ug/L			831247	817810	0	Standard
	Kr	**83**		ug/L			356	337	3	Standard
>	**In-1**	**115**		ug/L			28443	28537	1	KED
	Mo	**98**	**0.209**	ug/L	0.001	0	18	385	1	KED
	Cd	**111**	**0.003**	ug/L	0.004	130	1	2	57	KED
	Cd	**114**	**0.003**	ug/L	0.002	62	1	4	38	KED
>	**In**	**115**		ug/L			1683895	1628067	1	Standard
	Ba	**135**	**2.846**	ug/L	0.052	1	40	23148	1	Standard
	Ba	**137**	**2.804**	ug/L	0.054	1	83	40096	0	Standard
>	**Tb**	**159**		ug/L			2574605	2551333	1	Standard
	Pb	**208**	**0.288**	ug/L	0.004	1	496	34065	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23
Sample Dil Factor: 50
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:19:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	37880	1	Standard
	Cl	**37**		ug/L			7073260	7446990	0	Standard
⌈>	**Sc**	**45**		ug/L			1613478	1630078	0	Standard
|	**Cr**	**52**	**0.010**	ug/L	0.006	56	18434	18911	0	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.000	11	222	237	1	Standard
|	**Fe**	**54**	**1.969**	ug/L	0.220	11	96561	102988	0	Standard
|	**Fe**	**57**	**-7.552**	ug/L	0.410	5	27329	19775	1	Standard
⌊	**Mn**	**55**	**116.937**	ug/L	0.200	0	829	4885814	0	Standard
⌈>	**Ge**	**72**		ug/L			91541	93009	1	KED
|	**Ni**	**60**	**0.793**	ug/L	0.004	0	13	1250	1	KED
|	**Ni**	**62**	**0.727**	ug/L	0.033	4	5	187	5	KED
|	**Cu**	**63**	**0.769**	ug/L	0.017	2	77	3465	3	KED
|	**Cu**	**65**	**0.761**	ug/L	0.028	3	52	1741	3	KED
|	**Zn**	**66**	**12.228**	ug/L	0.366	2	153	8608	2	KED
|	**Zn**	**67**	**11.328**	ug/L	0.078	0	17	1283	0	KED
⌊	**As**	**75**	**-0.005**	ug/L	0.003	58	3	2	44	KED
	Y	**89**		ug/L			831247	859541	0	Standard
	Kr	**83**		ug/L			356	333	2	Standard
⌈>	**In-1**	**115**		ug/L			28443	28681	0	KED
|	**Mo**	**98**	**0.018**	ug/L	0.002	11	18	50	7	KED
|	**Cd**	**111**	**0.163**	ug/L	0.010	6	1	68	6	KED
⌊	**Cd**	**114**	**0.164**	ug/L	0.015	9	1	178	9	KED
⌈>	**In**	**115**		ug/L			1683895	1699720	0	Standard
|	**Ba**	**135**	**0.343**	ug/L	0.012	3	40	2952	4	Standard
⌊	**Ba**	**137**	**0.339**	ug/L	0.007	2	83	5127	1	Standard
⌈>	**Tb**	**159**		ug/L			2574605	2640634	0	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.000	4	496	1269	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-43
Sample Dil Factor: 20
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:23:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	34646	3	Standard
	Cl	**37**		ug/L			7073260	6856784	0	Standard
>	**Sc**	**45**		ug/L			1613478	1612889	0	Standard
	Cr	**52**	**-0.033**	ug/L	0.005	16	18434	17499	1	Standard
	Cr	**53**	**0.040**	ug/L	0.005	11	222	360	4	Standard
	Fe	**54**	**18730.729**	ug/L	41.882	0	96561	51271859	0	Standard
	Fe	**57**	**19410.301**	ug/L	60.436	0	27329	19952023	0	Standard
	Mn	**55**	**148.942**	ug/L	0.875	0	829	6157117	0	Standard
>	**Ge**	**72**		ug/L			91541	88098	1	KED
	Ni	**60**	**0.315**	ug/L	0.011	3	13	478	4	KED
	Ni	**62**	**0.367**	ug/L	0.064	17	5	92	16	KED
	Cu	**63**	**0.035**	ug/L	0.006	17	77	218	10	KED
	Cu	**65**	**0.036**	ug/L	0.012	32	52	125	20	KED
	Zn	**66**	**210.373**	ug/L	1.028	0	153	137905	0	KED
	Zn	**67**	**196.918**	ug/L	3.591	1	17	20858	1	KED
	As	**75**	**0.002**	ug/L	0.002	81	3	4	11	KED
	Y	**89**		ug/L			831247	842412	0	Standard
	Kr	**83**		ug/L			356	337	1	Standard
>	**In-1**	**115**		ug/L			28443	27804	1	KED
	Mo	**98**	**0.012**	ug/L	0.005	38	18	37	21	KED
	Cd	**111**	**0.079**	ug/L	0.024	30	1	33	31	KED
	Cd	**114**	**0.070**	ug/L	0.003	4	1	74	5	KED
>	**In**	**115**		ug/L			1683895	1693843	0	Standard
	Ba	**135**	**1.065**	ug/L	0.012	1	40	9039	0	Standard
	Ba	**137**	**1.052**	ug/L	0.018	1	83	15707	1	Standard
>	**Tb**	**159**		ug/L			2574605	2715332	0	Standard
	Pb	**208**	**0.002**	ug/L	0.000	8	496	746	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0281-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:27:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	105278	1	Standard
	Cl	**37**		ug/L			7073260	8065654	0	Standard
>	**Sc**	**45**		ug/L			1613478	1763130	0	Standard
	Cr	**52**	**3.890**	ug/L	0.055	1	18434	137996	0	Standard
	Cr	**53**	**5.304**	ug/L	0.067	1	222	20271	0	Standard
	Fe	**54**	**440.266**	ug/L	7.141	1	96561	1420331	0	Standard
	Fe	**57**	**663.605**	ug/L	16.254	2	27329	774430	1	Standard
	Mn	**55**	**102.311**	ug/L	1.048	1	829	4623498	0	Standard
>	**Ge**	**72**		ug/L			91541	80565	1	KED
	Ni	**60**	**3.577**	ug/L	0.067	1	13	4845	1	KED
	Ni	**62**	**3.518**	ug/L	0.080	2	5	768	2	KED
	Cu	**63**	**5.189**	ug/L	0.049	0	77	19855	2	KED
	Cu	**65**	**5.163**	ug/L	0.048	0	52	9967	2	KED
	Zn	**66**	**21.419**	ug/L	0.353	1	153	12962	2	KED
	Zn	**67**	**23.926**	ug/L	0.885	3	17	2332	4	KED
	As	**75**	**10.577**	ug/L	0.151	1	3	2958	1	KED
	Y	**89**		ug/L			831247	805066	0	Standard
	Kr	**83**		ug/L			356	348	1	Standard
>	**In-1**	**115**		ug/L			28443	25258	0	KED
	Mo	**98**	**29.688**	ug/L	0.068	0	18	46099	0	KED
	Cd	**111**	**0.055**	ug/L	0.010	17	1	21	16	KED
	Cd	**114**	**0.052**	ug/L	0.013	25	1	50	24	KED
>	**In**	**115**		ug/L			1683895	1568333	0	Standard
	Ba	**135**	**76.605**	ug/L	0.907	1	40	599248	0	Standard
	Ba	**137**	**74.439**	ug/L	1.570	2	83	1023415	1	Standard
>	**Tb**	**159**		ug/L			2574605	2584993	0	Standard
	Pb	**208**	**0.871**	ug/L	0.007	0	496	103480	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0309-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:32:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	687416	1	Standard
	Cl	37		ug/L			7073260	7537560	0	Standard
>	Sc	45		ug/L			1613478	1585966	1	Standard
	Cr	52	12.728	ug/L	0.203	1	18434	364983	0	Standard
	Cr	53	11.264	ug/L	0.139	1	222	38479	1	Standard
	Fe	54	4160.075	ug/L	42.038	1	96561	11270443	0	Standard
	Fe	57	5062.018	ug/L	40.958	0	27329	5136013	0	Standard
	Mn	55	362.357	ug/L	4.550	1	829	14727424	0	Standard
>	Ge	72		ug/L			91541	78009	1	KED
	Ni	60	6.206	ug/L	0.071	1	13	8133	2	KED
	Ni	62	6.237	ug/L	0.073	1	5	1315	2	KED
	Cu	63	0.560	ug/L	0.028	5	77	2132	3	KED
	Cu	65	0.570	ug/L	0.026	4	52	1105	5	KED
	Zn	66	12.273	ug/L	0.039	0	153	7246	0	KED
	Zn	67	13.400	ug/L	0.247	1	17	1271	2	KED
	As	75	0.210	ug/L	0.022	10	3	60	9	KED
	Y	89		ug/L			831247	782384	1	Standard
	Kr	83		ug/L			356	358	4	Standard
>	In-1	115		ug/L			28443	25682	0	KED
	Mo	98	0.595	ug/L	0.021	3	18	955	3	KED
	Cd	111	0.074	ug/L	0.011	14	1	28	13	KED
	Cd	114	0.066	ug/L	0.011	16	1	65	16	KED
>	In	115		ug/L			1683895	1513136	1	Standard
	Ba	135	46.324	ug/L	1.267	2	40	349577	1	Standard
	Ba	137	45.372	ug/L	0.610	1	83	601877	0	Standard
>	Tb	159		ug/L			2574605	2621434	0	Standard
	Pb	208	0.079	ug/L	0.001	0	496	10036	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0310-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:38:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	244214	1	Standard
	Cl	37		ug/L			7073260	7645851	0	Standard
>	Sc	45		ug/L			1613478	1704298	0	Standard
	Cr	52	18.716	ug/L	0.118	0	18434	567629	0	Standard
	Cr	53	17.220	ug/L	0.199	1	222	63092	0	Standard
	Fe	54	2617.809	ug/L	16.351	0	96561	7659626	1	Standard
	Fe	57	2854.559	ug/L	32.646	1	27329	3124998	0	Standard
	Mn	55	41.254	ug/L	0.335	0	829	1802617	0	Standard
>	Ge	72		ug/L			91541	87546	2	KED
	Ni	60	4.347	ug/L	0.195	4	13	6393	2	KED
	Ni	62	4.568	ug/L	0.051	1	5	1082	2	KED
	Cu	63	2.336	ug/L	0.030	1	77	9751	1	KED
	Cu	65	2.322	ug/L	0.041	1	52	4897	2	KED
	Zn	66	50.955	ug/L	0.520	1	153	33302	2	KED
	Zn	67	48.114	ug/L	0.888	1	17	5076	0	KED
	As	75	0.163	ug/L	0.004	2	3	53	4	KED
	Y	89		ug/L			831247	856669	0	Standard
	Kr	83		ug/L			356	344	8	Standard
>	In-1	115		ug/L			28443	27738	0	KED
	Mo	98	3.645	ug/L	0.089	2	18	6230	1	KED
	Cd	111	0.266	ug/L	0.029	10	1	107	9	KED
	Cd	114	0.272	ug/L	0.014	5	1	284	5	KED
>	In	115		ug/L			1683895	1717224	1	Standard
	Ba	135	7.461	ug/L	0.114	1	40	63938	0	Standard
	Ba	137	7.334	ug/L	0.091	1	83	110480	0	Standard
>	Tb	159		ug/L			2574605	2742983	0	Standard
	Pb	208	0.094	ug/L	0.000	0	496	12382	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0311-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:43:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	204245	1	Standard
	Cl	37		ug/L			7073260	8132816	0	Standard
>	Sc	45		ug/L			1613478	1509819	0	Standard
	Cr	52	6.649	ug/L	0.023	0	18434	189766	1	Standard
	Cr	53	6.708	ug/L	0.067	0	222	21903	1	Standard
	Fe	54	175.523	ug/L	0.664	0	96561	539260	0	Standard
	Fe	57	731.747	ug/L	14.167	1	27329	728631	0	Standard
	Mn	55	17.834	ug/L	0.329	1	829	690757	1	Standard
>	Ge	72		ug/L			91541	73569	0	KED
	Ni	60	37.177	ug/L	0.792	2	13	45888	1	KED
	Ni	62	37.965	ug/L	0.398	1	5	7530	0	KED
	Cu	63	0.927	ug/L	0.035	3	77	3287	2	KED
	Cu	65	0.877	ug/L	0.051	5	52	1581	5	KED
	Zn	66	2.935	ug/L	0.114	3	153	1727	3	KED
	Zn	67	3.359	ug/L	0.283	8	17	311	7	KED
	As	75	0.305	ug/L	0.013	4	3	80	3	KED
	Y	89		ug/L			831247	792952	2	Standard
	Kr	83		ug/L			356	314	7	Standard
>	In-1	115		ug/L			28443	24174	1	KED
	Mo	98	0.845	ug/L	0.020	2	18	1270	1	KED
	Cd	111	0.005	ug/L	0.006	108	1	3	62	KED
	Cd	114	-0.007	ug/L	0.003	46	1	-4	61	KED
>	In	115		ug/L			1683895	1534780	0	Standard
	Ba	135	17.293	ug/L	0.238	1	40	132408	0	Standard
	Ba	137	16.974	ug/L	0.084	0	83	228456	0	Standard
>	Tb	159		ug/L			2574605	2504340	0	Standard
	Pb	208	0.069	ug/L	0.001	1	496	8388	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0388-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:49:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22754	670057	1	Standard
	Cl	37		ug/L			7073260	6731183	0	Standard
>	Sc	45		ug/L			1613478	1508596	1	Standard
	Cr	52	25.470	ug/L	0.159	0	18434	677557	0	Standard
	Cr	53	23.467	ug/L	0.371	1	222	76029	1	Standard
	Fe	54	4225.826	ug/L	46.650	1	96561	10888801	0	Standard
	Fe	57	5154.087	ug/L	25.345	0	27329	4974047	0	Standard
	Mn	55	69.476	ug/L	0.438	0	829	2686762	0	Standard
>	Ge	72		ug/L			91541	68692	0	KED
	Ni	60	18.729	ug/L	0.244	1	13	21590	0	KED
	Ni	62	18.750	ug/L	0.506	2	5	3474	2	KED
	Cu	63	7.252	ug/L	0.063	0	77	23636	0	KED
	Cu	65	7.147	ug/L	0.081	1	52	11747	0	KED
	Zn	66	23.386	ug/L	0.230	0	153	12055	1	KED
	Zn	67	24.339	ug/L	0.812	3	17	2022	3	KED
	As	75	0.478	ug/L	0.011	2	3	116	1	KED
	Y	89		ug/L			831247	781722	1	Standard
	Kr	83		ug/L			356	387	4	Standard
>	In-1	115		ug/L			28443	23159	0	KED
	Mo	98	2.436	ug/L	0.131	5	18	3481	5	KED
	Cd	111	0.349	ug/L	0.030	8	1	117	8	KED
	Cd	114	0.392	ug/L	0.035	8	1	342	8	KED
>	In	115		ug/L			1683895	1528519	1	Standard
	Ba	135	55.304	ug/L	0.064	0	40	421673	1	Standard
	Ba	137	54.214	ug/L	0.512	0	83	726488	0	Standard
>	Tb	159		ug/L			2574605	2509102	0	Standard
	Pb	208	0.176	ug/L	0.003	1	496	20682	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 02:56:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	38862	1	Standard
	Cl	**37**		ug/L			7073260	8097691	0	Standard
⌈>	**Sc**	**45**		ug/L			1613478	1614649	0	Standard
|	**Cr**	**52**	**0.051**	ug/L	0.011	21	18434	19857	1	Standard
|	**Cr**	**53**	**-0.002**	ug/L	0.004	204	222	215	5	Standard
|	**Fe**	**54**	**1.752**	ug/L	0.672	38	96561	101426	2	Standard
|	**Fe**	**57**	**-5.673**	ug/L	0.658	11	27329	21520	3	Standard
⌊	**Mn**	**55**	**0.031**	ug/L	0.009	28	829	2096	17	Standard
⌈>	**Ge**	**72**		ug/L			91541	87748	1	KED
|	**Ni**	**60**	**0.009**	ug/L	0.004	37	13	26	18	KED
|	**Ni**	**62**	**-0.004**	ug/L	0.014	326	5	3	86	KED
|	**Cu**	**63**	**0.008**	ug/L	0.003	40	77	106	12	KED
|	**Cu**	**65**	**0.006**	ug/L	0.004	67	52	62	13	KED
|	**Zn**	**66**	**0.067**	ug/L	0.015	21	153	190	4	KED
|	**Zn**	**67**	**0.175**	ug/L	0.086	48	17	35	26	KED
⌊	**As**	**75**	**-0.003**	ug/L	0.003	125	3	2	33	KED
	Y	**89**		ug/L			831247	825803	0	Standard
	Kr	**83**		ug/L			356	338	7	Standard
⌈>	**In-1**	**115**		ug/L			28443	27271	1	KED
|	**Mo**	**98**	**-0.009**	ug/L	0.001	12	18	1	112	KED
|	**Cd**	**111**	**0.002**	ug/L	0.001	74	1	2	24	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	16516	1	1	194	KED
⌈>	**In**	**115**		ug/L			1683895	1695508	1	Standard
|	**Ba**	**135**	**0.015**	ug/L	0.004	27	40	168	20	Standard
⌊	**Ba**	**137**	**0.014**	ug/L	0.002	16	83	295	11	Standard
⌈>	**Tb**	**159**		ug/L			2574605	2608482	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	6	496	786	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:01:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	26346	3	Standard
	Cl	**37**		ug/L			7073260	7879677	0	Standard
⌈>	**Sc**	**45**		ug/L			1613478	1630695	2	Standard
|	**Cr**	**52**	**53.318**	ug/L	1.241	2	18434	1512249	0	Standard
|	**Cr**	**53**	**50.730**	ug/L	0.941	1	222	177370	1	Standard
|	**Fe**	**54**	**5262.098**	ug/L	180.074	3	96561	14624951	0	Standard
|	**Fe**	**57**	**5426.709**	ug/L	68.226	1	27329	5658516	1	Standard
⌊	**Mn**	**55**	**52.075**	ug/L	1.049	2	829	2176351	0	Standard
⌈>	**Ge**	**72**		ug/L			91541	87843	1	KED
|	**Ni**	**60**	**49.929**	ug/L	0.406	0	13	73582	0	KED
|	**Ni**	**62**	**50.216**	ug/L	0.838	1	5	11890	1	KED
|	**Cu**	**63**	**51.228**	ug/L	0.666	1	77	213056	1	KED
|	**Cu**	**65**	**50.419**	ug/L	0.364	0	52	105674	1	KED
|	**Zn**	**66**	**51.125**	ug/L	0.050	0	153	33528	1	KED
|	**Zn**	**67**	**52.153**	ug/L	0.894	1	17	5521	2	KED
⌊	**As**	**75**	**50.393**	ug/L	0.394	0	3	15354	1	KED
	Y	**89**		ug/L			831247	852443	1	Standard
	Kr	**83**		ug/L			356	337	6	Standard
⌈>	**In-1**	**115**		ug/L			28443	27772	1	KED
|	**Mo**	**98**	**47.673**	ug/L	0.602	1	18	81381	2	KED
|	**Cd**	**111**	**50.900**	ug/L	0.064	0	1	20363	1	KED
⌊	**Cd**	**114**	**50.614**	ug/L	0.661	1	1	52684	0	KED
⌈>	**In**	**115**		ug/L			1683895	1692876	1	Standard
|	**Ba**	**135**	**47.998**	ug/L	0.366	0	40	405343	1	Standard
⌊	**Ba**	**137**	**47.104**	ug/L	0.193	0	83	699129	0	Standard
⌈>	**Tb**	**159**		ug/L			2574605	2691655	2	Standard
⌊	**Pb**	**208**	**53.064**	ug/L	0.758	1	496	6535515	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:08:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22754	24374	1	Standard
	Cl	**37**		ug/L			7073260	7528785	0	Standard
⌈>	**Sc**	**45**		ug/L			1613478	1613172	1	Standard
|	**Cr**	**52**	**-0.032**	ug/L	0.023	72	18434	17530	2	Standard
|	**Cr**	**53**	**-0.021**	ug/L	0.001	6	222	150	2	Standard
|	**Fe**	**54**	**0.513**	ug/L	0.353	68	96561	97936	0	Standard
|	**Fe**	**57**	**-9.178**	ug/L	0.444	4	27329	17898	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	129	829	865	4	Standard
⌈>	**Ge**	**72**		ug/L			91541	88503	2	KED
|	**Ni**	**60**	**0.002**	ug/L	0.004	273	13	15	43	KED
|	**Ni**	**62**	**-0.002**	ug/L	0.005	267	5	4	24	KED
|	**Cu**	**63**	**0.000**	ug/L	0.001	392	77	76	8	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.001	35	52	41	4	KED
|	**Zn**	**66**	**0.001**	ug/L	0.028	4905	153	148	14	KED
|	**Zn**	**67**	**0.016**	ug/L	0.078	480	17	19	45	KED
⌊	**As**	**75**	**0.005**	ug/L	0.008	161	3	5	48	KED
	Y	**89**		ug/L			831247	820363	0	Standard
	Kr	**83**		ug/L			356	363	8	Standard
⌈>	**In-1**	**115**		ug/L			28443	28064	2	KED
|	**Mo**	**98**	**0.016**	ug/L	0.005	32	18	44	21	KED
|	**Cd**	**111**	**0.005**	ug/L	0.001	28	1	3	15	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	226	1	3	97	KED
⌈>	**In**	**115**		ug/L			1683895	1678708	0	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.001	85	40	46	13	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.000	147	83	86	6	Standard
⌈>	**Tb**	**159**		ug/L			2574605	2594600	0	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	137	496	516	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:12:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				23891	1	Standard
	Cl	**37**		ug/L				7496020	0	Standard
>	**Sc**	**45**		ug/L				1605108	2	Standard
	Cr	**52**		ug/L				17371	0	Standard
	Cr	**53**		ug/L				153	8	Standard
	Fe	**54**		ug/L				99852	6	Standard
	Fe	**57**		ug/L				17290	1	Standard
	Mn	**55**		ug/L				822	4	Standard
>	**Ge**	**72**		ug/L				89201	0	KED
	Ni	**60**		ug/L				17	16	KED
	Ni	**62**		ug/L				6	15	KED
	Cu	**63**		ug/L				64	18	KED
	Cu	**65**		ug/L				46	38	KED
	Zn	**66**		ug/L				174	6	KED
	Zn	**67**		ug/L				30	25	KED
	As	**75**		ug/L				2	53	KED
	Y	**89**		ug/L				828685	1	Standard
	Kr	**83**		ug/L				353	4	Standard
>	**In-1**	**115**		ug/L				27902	1	KED
	Mo	**98**		ug/L				10	41	KED
	Cd	**111**		ug/L				2	43	KED
	Cd	**114**		ug/L				2	94	KED
>	**In**	**115**		ug/L				1670064	2	Standard
	Ba	**135**		ug/L				40	4	Standard
	Ba	**137**		ug/L				71	10	Standard
>	**Tb**	**159**		ug/L				2611984	1	Standard
	Pb	**208**		ug/L				466	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:16:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	24592	1	Standard
	Cl	**37**		ug/L			7496020	7695490	0	Standard
>	**Sc**	**45**		ug/L			1605108	1606287	0	Standard
	Cr	**52**	**52.698**	ug/L	1.026	1	17371	1472108	1	Standard
	Cr	**53**	**49.603**	ug/L	0.590	1	153	170812	0	Standard
	Fe	**54**	**5178.385**	ug/L	66.109	1	99852	14190011	1	Standard
	Fe	**57**	**5207.996**	ug/L	77.850	1	17290	5341326	1	Standard
	Mn	**55**	**51.397**	ug/L	0.894	1	822	2116577	1	Standard
>	**Ge**	**72**		ug/L			89201	90057	0	KED
	Ni	**60**	**49.829**	ug/L	0.568	1	17	75297	1	KED
	Ni	**62**	**50.071**	ug/L	0.768	1	6	12158	1	KED
	Cu	**63**	**51.131**	ug/L	0.445	0	64	218014	0	KED
	Cu	**65**	**50.312**	ug/L	0.535	1	46	108109	0	KED
	Zn	**66**	**51.422**	ug/L	0.603	1	174	34599	1	KED
	Zn	**67**	**50.907**	ug/L	1.794	3	30	5538	3	KED
	As	**75**	**50.141**	ug/L	0.389	0	2	15661	0	KED
	Y	**89**		ug/L			828685	830395	1	Standard
	Kr	**83**		ug/L			353	363	12	Standard
>	**In-1**	**115**		ug/L			27902	27894	1	KED
	Mo	**98**	**47.916**	ug/L	0.979	2	10	82134	0	KED
	Cd	**111**	**50.339**	ug/L	0.974	1	2	20224	0	KED
	Cd	**114**	**51.332**	ug/L	1.244	2	2	53666	1	KED
>	**In**	**115**		ug/L			1670064	1663620	0	Standard
	Ba	**135**	**47.577**	ug/L	0.306	0	40	394822	0	Standard
	Ba	**137**	**46.556**	ug/L	0.662	1	71	679034	1	Standard
>	**Tb**	**159**		ug/L			2611984	2641804	0	Standard
	Pb	**208**	**52.423**	ug/L	0.685	1	466	6338351	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:23:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	23498	1	Standard
	Cl	**37**		ug/L			7496020	7407505	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1569568	0	Standard
|	**Cr**	**52**	**0.020**	ug/L	0.014	68	17371	17527	1	Standard
|	**Cr**	**53**	**-0.001**	ug/L	0.004	316	153	145	8	Standard
|	**Fe**	**54**	**-1.174**	ug/L	0.447	38	99852	94516	0	Standard
|	**Fe**	**57**	**2.662**	ug/L	0.177	6	17290	19566	0	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	4457	822	805	5	Standard
⌈>	**Ge**	**72**		ug/L			89201	84019	6	KED
|	**Ni**	**60**	**0.004**	ug/L	0.004	121	17	21	26	KED
|	**Ni**	**62**	**-0.013**	ug/L	0.014	108	6	3	86	KED
|	**Cu**	**63**	**0.003**	ug/L	0.002	46	64	74	12	KED
|	**Cu**	**65**	**-0.005**	ug/L	0.004	72	46	34	25	KED
|	**Zn**	**66**	**-0.065**	ug/L	0.016	24	174	124	14	KED
|	**Zn**	**67**	**-0.120**	ug/L	0.080	66	30	16	48	KED
⌊	**As**	**75**	**0.008**	ug/L	0.004	49	2	4	30	KED
	Y	**89**		ug/L			828685	812871	0	Standard
	Kr	**83**		ug/L			353	329	11	Standard
⌈>	**In-1**	**115**		ug/L			27902	27664	1	KED
|	**Mo**	**98**	**0.016**	ug/L	0.007	43	10	37	30	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.003	88	2	1	86	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	108	2	4	49	KED
⌈>	**In**	**115**		ug/L			1670064	1606258	0	Standard
|	**Ba**	**135**	**0.003**	ug/L	0.001	52	40	59	17	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	58	71	92	14	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2540406	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	16	466	666	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0779-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:28:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	50207	1	Standard
	Cl	37		ug/L			7496020	7346440	0	Standard
>	Sc	45		ug/L			1605108	1589351	1	Standard
	Cr	52	0.202	ug/L	0.009	4	17371	22706	0	Standard
	Cr	53	0.155	ug/L	0.009	5	153	679	4	Standard
	Fe	54	9.061	ug/L	0.650	7	99852	123252	0	Standard
	Fe	57	4.233	ug/L	0.486	11	17290	21399	1	Standard
	Mn	55	0.023	ug/L	0.002	9	822	1743	5	Standard
>	Ge	72		ug/L			89201	91397	0	KED
	Ni	60	0.046	ug/L	0.004	9	17	88	6	KED
	Ni	62	0.025	ug/L	0.008	32	6	13	14	KED
	Cu	63	0.013	ug/L	0.002	15	64	124	6	KED
	Cu	65	0.007	ug/L	0.005	73	46	64	18	KED
	Zn	66	0.160	ug/L	0.050	31	174	287	12	KED
	Zn	67	0.230	ug/L	0.090	38	30	56	17	KED
	As	75	0.002	ug/L	0.002	85	2	2	16	KED
	Y	89		ug/L			828685	820133	1	Standard
	Kr	83		ug/L			353	332	7	Standard
>	In-1	115		ug/L			27902	28427	1	KED
	Mo	98	0.017	ug/L	0.003	18	10	40	15	KED
	Cd	111	0.001	ug/L	0.007	483	2	3	91	KED
	Cd	114	0.005	ug/L	0.006	133	2	7	90	KED
>	In	115		ug/L			1670064	1643879	0	Standard
	Ba	135	0.009	ug/L	0.002	23	40	113	15	Standard
	Ba	137	0.009	ug/L	0.000	2	71	200	1	Standard
>	Tb	159		ug/L			2611984	2599902	0	Standard
	Pb	208	0.000	ug/L	0.000	177	466	490	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0779-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:32:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	44122	3	Standard
	Cl	37		ug/L			7496020	7492494	0	Standard
>	Sc	45		ug/L			1605108	1572073	1	Standard
	Cr	52	26.434	ug/L	0.081	0	17371	731177	1	Standard
	Cr	53	25.042	ug/L	0.219	0	153	84468	0	Standard
	Fe	54	8.606	ug/L	0.665	7	99852	120718	2	Standard
	Fe	57	2.257	ug/L	0.116	5	17290	19192	1	Standard
	Mn	55	28.261	ug/L	0.134	0	822	1139347	0	Standard
>	Ge	72		ug/L			89201	90482	0	KED
	Ni	60	25.097	ug/L	0.595	2	17	38109	1	KED
	Ni	62	25.373	ug/L	0.298	1	6	6193	1	KED
	Cu	63	26.149	ug/L	0.246	0	64	112049	0	KED
	Cu	65	26.190	ug/L	0.080	0	46	56567	0	KED
	Zn	66	78.161	ug/L	0.550	0	174	52744	0	KED
	Zn	67	74.876	ug/L	1.100	1	30	8170	1	KED
	As	75	24.277	ug/L	0.392	1	2	7619	1	KED
	Y	89		ug/L			828685	807602	2	Standard
	Kr	83		ug/L			353	321	5	Standard
>	In-1	115		ug/L			27902	27992	1	KED
	Mo	98	0.010	ug/L	0.004	40	10	27	24	KED
	Cd	111	25.271	ug/L	0.505	1	2	10191	2	KED
	Cd	114	24.983	ug/L	0.200	0	2	26215	1	KED
>	In	115		ug/L			1670064	1627395	1	Standard
	Ba	135	23.936	ug/L	0.467	1	40	194298	0	Standard
	Ba	137	23.478	ug/L	0.357	1	71	335002	1	Standard
>	Tb	159		ug/L			2611984	2549534	0	Standard
	Pb	208	28.336	ug/L	0.553	1	466	3306293	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0780-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:36:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	52892	1	Standard
	Cl	37		ug/L			7496020	7433431	0	Standard
>	Sc	45		ug/L			1605108	1564743	0	Standard
	Cr	52	0.237	ug/L	0.011	4	17371	23319	1	Standard
	Cr	53	0.188	ug/L	0.009	4	153	779	3	Standard
	Fe	54	9.364	ug/L	0.740	7	99852	122158	1	Standard
	Fe	57	3.489	ug/L	0.267	7	17290	20331	1	Standard
	Mn	55	0.023	ug/L	0.001	4	822	1735	3	Standard
>	Ge	72		ug/L			89201	89665	0	KED
	Ni	60	0.007	ug/L	0.004	66	17	27	23	KED
	Ni	62	-0.008	ug/L	0.005	57	6	5	21	KED
	Cu	63	0.066	ug/L	0.005	7	64	346	6	KED
	Cu	65	0.052	ug/L	0.007	12	46	158	8	KED
	Zn	66	0.132	ug/L	0.012	8	174	263	3	KED
	Zn	67	0.087	ug/L	0.076	87	30	40	20	KED
	As	75	0.003	ug/L	0.005	213	2	3	55	KED
	Y	89		ug/L			828685	804585	0	Standard
	Kr	83		ug/L			353	323	3	Standard
>	In-1	115		ug/L			27902	27809	1	KED
	Mo	98	0.018	ug/L	0.002	12	10	41	8	KED
	Cd	111	-0.001	ug/L	0.003	348	2	2	49	KED
	Cd	114	-0.000	ug/L	0.003	1840	2	2	134	KED
>	In	115		ug/L			1670064	1620410	1	Standard
	Ba	135	0.001	ug/L	0.001	36	40	50	7	Standard
	Ba	137	0.001	ug/L	0.001	211	71	76	19	Standard
>	Tb	159		ug/L			2611984	2549594	1	Standard
	Pb	208	0.001	ug/L	0.000	42	466	525	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0780-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:40:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	50368	0	Standard
	Cl	37		ug/L			7496020	7562041	0	Standard
>	Sc	45		ug/L			1605108	1548230	0	Standard
	Cr	52	26.353	ug/L	0.215	0	17371	717936	1	Standard
	Cr	53	24.976	ug/L	0.452	1	153	82968	1	Standard
	Fe	54	7.345	ug/L	0.319	4	99852	115577	0	Standard
	Fe	57	2.350	ug/L	0.143	6	17290	18993	0	Standard
	Mn	55	28.303	ug/L	0.230	0	822	1123752	0	Standard
>	Ge	72		ug/L			89201	89217	0	KED
	Ni	60	25.206	ug/L	0.243	0	17	37742	0	KED
	Ni	62	25.026	ug/L	0.721	2	6	6023	2	KED
	Cu	63	25.788	ug/L	0.299	1	64	108958	0	KED
	Cu	65	25.870	ug/L	0.303	1	46	55092	1	KED
	Zn	66	78.497	ug/L	0.362	0	174	52231	0	KED
	Zn	67	75.406	ug/L	0.880	1	30	8113	1	KED
	As	75	24.098	ug/L	0.179	0	2	7457	0	KED
	Y	89		ug/L			828685	813738	1	Standard
	Kr	83		ug/L			353	334	8	Standard
>	In-1	115		ug/L			27902	28091	1	KED
	Mo	98	-0.002	ug/L	0.001	62	10	7	25	KED
	Cd	111	24.915	ug/L	0.620	2	2	10081	1	KED
	Cd	114	24.911	ug/L	0.682	2	2	26226	1	KED
>	In	115		ug/L			1670064	1644601	1	Standard
	Ba	135	23.630	ug/L	0.446	1	40	193838	0	Standard
	Ba	137	23.025	ug/L	0.521	2	71	331963	0	Standard
>	Tb	159		ug/L			2611984	2546676	0	Standard
	Pb	208	27.959	ug/L	0.217	0	466	3259000	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:44:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	95580	0	Standard
	Cl	37		ug/L			7496020	6977932	0	Standard
>	Sc	45		ug/L			1605108	1671363	1	Standard
	Cr	52	0.804	ug/L	0.031	3	17371	41187	0	Standard
	Cr	53	0.817	ug/L	0.008	0	153	3084	0	Standard
	Fe	54	463.597	ug/L	8.438	1	99852	1416283	0	Standard
	Fe	57	473.600	ug/L	10.126	2	17290	521708	1	Standard
	Mn	55	239.737	ug/L	3.602	1	822	10267948	0	Standard
>	Ge	72		ug/L			89201	88170	0	KED
	Ni	60	2.557	ug/L	0.114	4	17	3798	3	KED
	Ni	62	2.696	ug/L	0.132	4	6	647	5	KED
	Cu	63	11.576	ug/L	0.039	0	64	48373	0	KED
	Cu	65	11.484	ug/L	0.153	1	46	24194	0	KED
	Zn	66	10.090	ug/L	0.365	3	174	6785	3	KED
	Zn	67	9.975	ug/L	0.442	4	30	1087	5	KED
	As	75	2.536	ug/L	0.058	2	2	777	1	KED
	Y	89		ug/L			828685	849299	2	Standard
	Kr	83		ug/L			353	362	2	Standard
>	In-1	115		ug/L			27902	27658	1	KED
	Mo	98	0.605	ug/L	0.004	0	10	1039	0	KED
	Cd	111	0.040	ug/L	0.007	17	2	18	15	KED
	Cd	114	0.035	ug/L	0.008	21	2	39	21	KED
>	In	115		ug/L			1670064	1609462	1	Standard
	Ba	135	5.633	ug/L	0.138	2	40	45252	1	Standard
	Ba	137	5.456	ug/L	0.108	1	71	77035	1	Standard
>	Tb	159		ug/L			2611984	2576645	0	Standard
	Pb	208	0.589	ug/L	0.000	0	466	69902	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-02
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:49:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	88073	0	Standard
	Cl	**37**		ug/L			7496020	6958488	1	Standard
>	**Sc**	**45**		ug/L			1605108	1609425	1	Standard
	Cr	**52**	**0.613**	ug/L	0.017	2	17371	34374	0	Standard
	Cr	**53**	**0.625**	ug/L	0.025	4	153	2306	2	Standard
	Fe	**54**	**231.297**	ug/L	4.542	1	99852	730562	0	Standard
	Fe	**57**	**235.291**	ug/L	4.082	1	17290	258299	0	Standard
	Mn	**55**	**22.635**	ug/L	0.438	1	822	934181	0	Standard
>	**Ge**	**72**		ug/L			89201	90502	0	KED
	Ni	**60**	**1.556**	ug/L	0.015	0	17	2379	0	KED
	Ni	**62**	**1.434**	ug/L	0.046	3	6	356	3	KED
	Cu	**63**	**8.540**	ug/L	0.020	0	64	36648	0	KED
	Cu	**65**	**8.496**	ug/L	0.081	0	46	18386	1	KED
	Zn	**66**	**6.771**	ug/L	0.173	2	174	4732	2	KED
	Zn	**67**	**6.629**	ug/L	0.232	3	30	751	3	KED
	As	**75**	**1.951**	ug/L	0.063	3	2	614	2	KED
	Y	**89**		ug/L			828685	826346	1	Standard
	Kr	**83**		ug/L			353	301	6	Standard
>	**In-1**	**115**		ug/L			27902	27813	0	KED
	Mo	**98**	**0.486**	ug/L	0.011	2	10	841	1	KED
	Cd	**111**	**0.031**	ug/L	0.026	82	2	14	68	KED
	Cd	**114**	**0.027**	ug/L	0.005	17	2	30	15	KED
>	**In**	**115**		ug/L			1670064	1602049	2	Standard
	Ba	**135**	**2.389**	ug/L	0.069	2	40	19118	0	Standard
	Ba	**137**	**2.355**	ug/L	0.049	2	71	33124	1	Standard
>	**Tb**	**159**		ug/L			2611984	2563971	1	Standard
	Pb	**208**	**0.260**	ug/L	0.005	1	466	30981	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-03
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:53:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	84442	2	Standard
	Cl	**37**		ug/L			7496020	7077475	0	Standard
>	**Sc**	**45**		ug/L			1605108	1601580	1	Standard
	Cr	**52**	**0.575**	ug/L	0.010	1	17371	33152	0	Standard
	Cr	**53**	**0.578**	ug/L	0.039	6	153	2135	5	Standard
	Fe	**54**	**159.739**	ug/L	1.917	1	99852	532978	0	Standard
	Fe	**57**	**170.042**	ug/L	1.529	0	17290	190567	0	Standard
	Mn	**55**	**2.095**	ug/L	0.052	2	822	86807	1	Standard
>	**Ge**	**72**		ug/L			89201	89762	0	KED
	Ni	**60**	**1.600**	ug/L	0.042	2	17	2426	2	KED
	Ni	**62**	**1.498**	ug/L	0.120	8	6	369	8	KED
	Cu	**63**	**7.864**	ug/L	0.120	1	64	33477	1	KED
	Cu	**65**	**7.887**	ug/L	0.145	1	46	16930	1	KED
	Zn	**66**	**8.237**	ug/L	0.206	2	174	5671	2	KED
	Zn	**67**	**7.887**	ug/L	0.276	3	30	881	3	KED
	As	**75**	**1.952**	ug/L	0.081	4	2	609	3	KED
	Y	**89**		ug/L			828685	813193	2	Standard
	Kr	**83**		ug/L			353	351	9	Standard
>	**In-1**	**115**		ug/L			27902	27488	2	KED
	Mo	**98**	**0.691**	ug/L	0.008	1	10	1177	1	KED
	Cd	**111**	**0.027**	ug/L	0.004	16	2	13	15	KED
	Cd	**114**	**0.037**	ug/L	0.003	7	2	40	9	KED
>	**In**	**115**		ug/L			1670064	1586799	1	Standard
	Ba	**135**	**2.629**	ug/L	0.096	3	40	20835	2	Standard
	Ba	**137**	**2.601**	ug/L	0.019	0	71	36247	1	Standard
>	**Tb**	**159**		ug/L			2611984	2532516	1	Standard
	Pb	**208**	**0.168**	ug/L	0.003	1	466	19959	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-04
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 03:57:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	86091	0	Standard
	Cl	**37**		ug/L			7496020	7225040	1	Standard
>	**Sc**	**45**		ug/L			1605108	1593588	1	Standard
	Cr	**52**	**0.546**	ug/L	0.008	1	17371	32197	1	Standard
	Cr	**53**	**0.552**	ug/L	0.009	1	153	2035	0	Standard
	Fe	**54**	**139.097**	ug/L	2.491	1	99852	474559	0	Standard
	Fe	**57**	**140.149**	ug/L	1.703	1	17290	159292	0	Standard
	Mn	**55**	**4.566**	ug/L	0.026	0	822	187284	0	Standard
>	**Ge**	**72**		ug/L			89201	89520	0	KED
	Ni	**60**	**1.162**	ug/L	0.066	5	17	1762	6	KED
	Ni	**62**	**1.036**	ug/L	0.084	8	6	257	8	KED
	Cu	**63**	**6.287**	ug/L	0.064	1	64	26705	1	KED
	Cu	**65**	**6.320**	ug/L	0.158	2	46	13541	2	KED
	Zn	**66**	**9.744**	ug/L	0.139	1	174	6658	0	KED
	Zn	**67**	**8.986**	ug/L	0.449	5	30	996	4	KED
	As	**75**	**1.399**	ug/L	0.065	4	2	436	3	KED
	Y	**89**		ug/L			828685	825246	1	Standard
	Kr	**83**		ug/L			353	347	19	Standard
>	**In-1**	**115**		ug/L			27902	27882	1	KED
	Mo	**98**	**0.440**	ug/L	0.022	4	10	764	4	KED
	Cd	**111**	**0.021**	ug/L	0.002	11	2	10	10	KED
	Cd	**114**	**0.013**	ug/L	0.003	20	2	15	18	KED
>	**In**	**115**		ug/L			1670064	1630560	1	Standard
	Ba	**135**	**2.273**	ug/L	0.042	1	40	18526	0	Standard
	Ba	**137**	**2.252**	ug/L	0.045	1	71	32263	1	Standard
>	**Tb**	**159**		ug/L			2611984	2518627	0	Standard
	Pb	**208**	**0.212**	ug/L	0.002	0	466	24841	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-05
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:03:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	91576	2	Standard
	Cl	37		ug/L			7496020	7189981	0	Standard
>	Sc	45		ug/L			1605108	1631689	1	Standard
	Cr	52	0.692	ug/L	0.026	3	17371	37061	1	Standard
	Cr	53	0.719	ug/L	0.016	2	153	2669	1	Standard
	Fe	54	401.449	ug/L	7.850	1	99852	1210992	1	Standard
	Fe	57	414.299	ug/L	5.098	1	17290	447779	0	Standard
	Mn	55	63.024	ug/L	0.880	1	822	2635991	0	Standard
>	Ge	72		ug/L			89201	88513	1	KED
	Ni	60	2.345	ug/L	0.100	4	17	3498	2	KED
	Ni	62	2.356	ug/L	0.228	9	6	568	7	KED
	Cu	63	12.381	ug/L	0.179	1	64	51925	1	KED
	Cu	65	12.207	ug/L	0.259	2	46	25809	0	KED
	Zn	66	10.384	ug/L	0.219	2	174	7004	2	KED
	Zn	67	9.840	ug/L	0.284	2	30	1076	4	KED
	As	75	2.691	ug/L	0.022	0	2	828	2	KED
	Y	89		ug/L			828685	825987	0	Standard
	Kr	83		ug/L			353	348	6	Standard
>	In-1	115		ug/L			27902	27712	0	KED
	Mo	98	0.785	ug/L	0.040	5	10	1347	4	KED
	Cd	111	0.031	ug/L	0.007	23	2	14	19	KED
	Cd	114	0.034	ug/L	0.005	13	2	38	12	KED
>	In	115		ug/L			1670064	1603061	0	Standard
	Ba	135	3.988	ug/L	0.046	1	40	31923	1	Standard
	Ba	137	3.922	ug/L	0.043	1	71	55188	0	Standard
>	Tb	159		ug/L			2611984	2520232	0	Standard
	Pb	208	0.727	ug/L	0.002	0	466	84306	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:10:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	32222	1	Standard
	Cl	**37**		ug/L			7496020	7537454	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1524824	1	Standard
|	**Cr**	**52**	**0.035**	ug/L	0.004	10	17371	17417	0	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.002	46	153	131	4	Standard
|	**Fe**	**54**	**-1.271**	ug/L	0.660	51	99852	91562	0	Standard
|	**Fe**	**57**	**-3.245**	ug/L	0.309	9	17290	13277	2	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.009	105	822	1101	30	Standard
⌈>	**Ge**	**72**		ug/L			89201	88447	1	KED
|	**Ni**	**60**	**0.006**	ug/L	0.004	56	17	27	21	KED
|	**Ni**	**62**	**-0.002**	ug/L	0.009	404	6	6	34	KED
|	**Cu**	**63**	**0.013**	ug/L	0.002	15	64	116	6	KED
|	**Cu**	**65**	**0.008**	ug/L	0.006	75	46	64	19	KED
|	**Zn**	**66**	**0.018**	ug/L	0.025	143	174	184	9	KED
|	**Zn**	**67**	**-0.028**	ug/L	0.033	119	30	27	14	KED
⌊	**As**	**75**	**0.003**	ug/L	0.002	86	2	3	24	KED
	Y	**89**		ug/L			828685	781079	1	Standard
	Kr	**83**		ug/L			353	308	1	Standard
⌈>	**In-1**	**115**		ug/L			27902	27623	0	KED
|	**Mo**	**98**	**-0.001**	ug/L	0.002	320	10	9	44	KED
|	**Cd**	**111**	**0.020**	ug/L	0.019	95	2	10	72	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.001	27	2	6	18	KED
⌈>	**In**	**115**		ug/L			1670064	1576867	1	Standard
|	**Ba**	**135**	**0.009**	ug/L	0.002	22	40	109	13	Standard
⌊	**Ba**	**137**	**0.007**	ug/L	0.001	19	71	161	10	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2486378	0	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.001	15	466	860	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:14:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	24317	1	Standard
	Cl	**37**		ug/L			7496020	7864488	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1516176	1	Standard
|	**Cr**	**52**	**52.948**	ug/L	0.276	0	17371	1396077	1	Standard
|	**Cr**	**53**	**49.748**	ug/L	0.592	1	153	161703	1	Standard
|	**Fe**	**54**	**5211.897**	ug/L	47.488	0	99852	13479917	1	Standard
|	**Fe**	**57**	**5252.559**	ug/L	36.697	0	17290	5084571	0	Standard
⌊	**Mn**	**55**	**51.498**	ug/L	0.667	1	822	2001595	0	Standard
⌈>	**Ge**	**72**		ug/L			89201	89463	1	KED
|	**Ni**	**60**	**49.288**	ug/L	0.595	1	17	73986	1	KED
|	**Ni**	**62**	**49.178**	ug/L	0.689	1	6	11864	2	KED
|	**Cu**	**63**	**49.477**	ug/L	0.340	0	64	209560	0	KED
|	**Cu**	**65**	**49.857**	ug/L	0.623	1	46	106414	0	KED
|	**Zn**	**66**	**49.791**	ug/L	0.363	0	174	33284	0	KED
|	**Zn**	**67**	**49.679**	ug/L	0.588	1	30	5370	1	KED
⌊	**As**	**75**	**50.317**	ug/L	0.491	0	2	15611	0	KED
	Y	**89**		ug/L			828685	792379	1	Standard
	Kr	**83**		ug/L			353	334	5	Standard
⌈>	**In-1**	**115**		ug/L			27902	27447	0	KED
|	**Mo**	**98**	**47.892**	ug/L	0.510	1	10	80790	0	KED
|	**Cd**	**111**	**50.185**	ug/L	0.778	1	2	19841	1	KED
⌊	**Cd**	**114**	**50.485**	ug/L	0.819	1	2	51941	0	KED
⌈>	**In**	**115**		ug/L			1670064	1564359	1	Standard
|	**Ba**	**135**	**48.611**	ug/L	1.778	3	40	379187	2	Standard
⌊	**Ba**	**137**	**47.612**	ug/L	1.536	3	71	652769	1	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2525707	0	Standard
⌊	**Pb**	**208**	**53.116**	ug/L	0.391	0	466	6139676	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:20:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	23217	1	Standard
	Cl	**37**		ug/L			7496020	7460630	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1512742	0	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.003	12	17371	17003	0	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.001	27	153	130	2	Standard
|	**Fe**	**54**	**-0.371**	ug/L	0.782	210	99852	93155	2	Standard
|	**Fe**	**57**	**2.244**	ug/L	0.276	12	17290	18455	1	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	514	822	765	6	Standard
⌈>	**Ge**	**72**		ug/L			89201	88864	1	KED
|	**Ni**	**60**	**0.005**	ug/L	0.003	65	17	24	20	KED
|	**Ni**	**62**	**-0.008**	ug/L	0.009	121	6	5	43	KED
|	**Cu**	**63**	**0.003**	ug/L	0.001	15	64	78	1	KED
|	**Cu**	**65**	**-0.001**	ug/L	0.008	761	46	44	36	KED
|	**Zn**	**66**	**-0.047**	ug/L	0.029	61	174	142	15	KED
|	**Zn**	**67**	**-0.106**	ug/L	0.038	36	30	19	20	KED
⌊	**As**	**75**	**0.008**	ug/L	0.004	51	2	4	26	KED
	Y	**89**		ug/L			828685	779676	1	Standard
	Kr	**83**		ug/L			353	340	7	Standard
⌈>	**In-1**	**115**		ug/L			27902	27851	0	KED
|	**Mo**	**98**	**0.021**	ug/L	0.007	31	10	46	24	KED
|	**Cd**	**111**	**0.009**	ug/L	0.007	82	2	6	48	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.003	67	2	6	43	KED
⌈>	**In**	**115**		ug/L			1670064	1542132	0	Standard
|	**Ba**	**135**	**-0.000**	ug/L	0.001	3350	40	36	10	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	451	71	68	19	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2429934	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	54	466	492	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-06
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:24:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	98831	0	Standard
	Cl	**37**		ug/L			7496020	7136803	0	Standard
>	**Sc**	**45**		ug/L			1605108	1612371	0	Standard
	Cr	**52**	**0.792**	ug/L	0.006	0	17371	39408	0	Standard
	Cr	**53**	**0.772**	ug/L	0.026	3	153	2818	2	Standard
	Fe	**54**	**232.664**	ug/L	2.954	1	99852	735745	0	Standard
	Fe	**57**	**243.674**	ug/L	1.343	0	17290	267423	1	Standard
	Mn	**55**	**5.136**	ug/L	0.029	0	822	213047	0	Standard
>	**Ge**	**72**		ug/L			89201	89402	0	KED
	Ni	**60**	**2.327**	ug/L	0.076	3	17	3507	2	KED
	Ni	**62**	**2.377**	ug/L	0.091	3	6	579	3	KED
	Cu	**63**	**11.115**	ug/L	0.191	1	64	47097	1	KED
	Cu	**65**	**10.942**	ug/L	0.172	1	46	23378	1	KED
	Zn	**66**	**10.967**	ug/L	0.377	3	174	7462	3	KED
	Zn	**67**	**11.255**	ug/L	0.571	5	30	1239	4	KED
	As	**75**	**3.071**	ug/L	0.113	3	2	954	3	KED
	Y	**89**		ug/L			828685	821216	1	Standard
	Kr	**83**		ug/L			353	338	15	Standard
>	**In-1**	**115**		ug/L			27902	27628	0	KED
	Mo	**98**	**0.864**	ug/L	0.010	1	10	1476	1	KED
	Cd	**111**	**0.029**	ug/L	0.013	45	2	13	37	KED
	Cd	**114**	**0.022**	ug/L	0.001	5	2	25	5	KED
>	**In**	**115**		ug/L			1670064	1608217	1	Standard
	Ba	**135**	**3.619**	ug/L	0.034	0	40	29070	1	Standard
	Ba	**137**	**3.527**	ug/L	0.063	1	71	49779	0	Standard
>	**Tb**	**159**		ug/L			2611984	2520764	0	Standard
	Pb	**208**	**0.260**	ug/L	0.003	0	466	30485	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-07
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:28:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	104205	2	Standard
	Cl	**37**		ug/L			7496020	7079252	1	Standard
>	**Sc**	**45**		ug/L			1605108	1623660	0	Standard
	Cr	**52**	**0.870**	ug/L	0.010	1	17371	41837	1	Standard
	Cr	**53**	**0.852**	ug/L	0.031	3	153	3117	3	Standard
	Fe	**54**	**297.269**	ug/L	3.637	1	99852	918580	0	Standard
	Fe	**57**	**307.251**	ug/L	6.690	2	17290	334984	2	Standard
	Mn	**55**	**36.410**	ug/L	0.337	0	822	1515807	0	Standard
>	**Ge**	**72**		ug/L			89201	88619	1	KED
	Ni	**60**	**2.864**	ug/L	0.074	2	17	4274	1	KED
	Ni	**62**	**2.749**	ug/L	0.026	0	6	663	2	KED
	Cu	**63**	**12.683**	ug/L	0.105	0	64	53257	0	KED
	Cu	**65**	**12.406**	ug/L	0.180	1	46	26264	0	KED
	Zn	**66**	**11.440**	ug/L	0.354	3	174	7706	1	KED
	Zn	**67**	**10.513**	ug/L	0.389	3	30	1149	2	KED
	As	**75**	**3.427**	ug/L	0.053	1	2	1055	1	KED
	Y	**89**		ug/L			828685	833973	1	Standard
	Kr	**83**		ug/L			353	324	13	Standard
>	**In-1**	**115**		ug/L			27902	27273	0	KED
	Mo	**98**	**0.825**	ug/L	0.032	3	10	1392	3	KED
	Cd	**111**	**0.037**	ug/L	0.012	32	2	17	28	KED
	Cd	**114**	**0.040**	ug/L	0.008	19	2	43	17	KED
>	**In**	**115**		ug/L			1670064	1599079	1	Standard
	Ba	**135**	**4.058**	ug/L	0.116	2	40	32405	2	Standard
	Ba	**137**	**3.972**	ug/L	0.017	0	71	55751	0	Standard
>	**Tb**	**159**		ug/L			2611984	2549279	1	Standard
	Pb	**208**	**0.295**	ug/L	0.008	2	466	34859	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-08
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:31:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	88025	1	Standard
	Cl	**37**		ug/L			7496020	7148852	0	Standard
>	**Sc**	**45**		ug/L			1605108	1599594	1	Standard
	Cr	**52**	**0.600**	ug/L	0.016	2	17371	33791	0	Standard
	Cr	**53**	**0.625**	ug/L	0.017	2	153	2293	2	Standard
	Fe	**54**	**315.128**	ug/L	3.754	1	99852	953285	0	Standard
	Fe	**57**	**320.071**	ug/L	6.403	2	17290	343013	0	Standard
	Mn	**55**	**86.726**	ug/L	1.471	1	822	3555477	1	Standard
>	**Ge**	**72**		ug/L			89201	88300	0	KED
	Ni	**60**	**1.809**	ug/L	0.059	3	17	2698	3	KED
	Ni	**62**	**1.913**	ug/L	0.058	3	6	462	3	KED
	Cu	**63**	**8.975**	ug/L	0.145	1	64	37571	1	KED
	Cu	**65**	**8.787**	ug/L	0.030	0	46	18551	0	KED
	Zn	**66**	**7.372**	ug/L	0.118	1	174	5011	1	KED
	Zn	**67**	**7.053**	ug/L	0.025	0	30	778	0	KED
	As	**75**	**2.406**	ug/L	0.050	2	2	739	2	KED
	Y	**89**		ug/L			828685	820929	1	Standard
	Kr	**83**		ug/L			353	335	10	Standard
>	**In-1**	**115**		ug/L			27902	27175	0	KED
	Mo	**98**	**0.777**	ug/L	0.024	3	10	1307	3	KED
	Cd	**111**	**0.028**	ug/L	0.004	14	2	13	12	KED
	Cd	**114**	**0.020**	ug/L	0.004	19	2	22	16	KED
>	**In**	**115**		ug/L			1670064	1622884	2	Standard
	Ba	**135**	**3.780**	ug/L	0.129	3	40	30620	0	Standard
	Ba	**137**	**3.719**	ug/L	0.064	1	71	52968	1	Standard
>	**Tb**	**159**		ug/L			2611984	2518829	1	Standard
	Pb	**208**	**0.527**	ug/L	0.008	1	466	61197	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-10
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:35:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	97779	1	Standard
	Cl	**37**		ug/L			7496020	7094640	0	Standard
>	**Sc**	**45**		ug/L			1605108	1614981	0	Standard
	Cr	**52**	**0.748**	ug/L	0.007	0	17371	38239	0	Standard
	Cr	**53**	**0.775**	ug/L	0.010	1	153	2834	1	Standard
	Fe	**54**	**263.286**	ug/L	1.881	0	99852	820736	0	Standard
	Fe	**57**	**275.502**	ug/L	6.046	2	17290	300554	1	Standard
	Mn	**55**	**77.384**	ug/L	0.200	0	822	3203559	0	Standard
>	**Ge**	**72**		ug/L			89201	88416	0	KED
	Ni	**60**	**2.223**	ug/L	0.071	3	17	3314	3	KED
	Ni	**62**	**2.337**	ug/L	0.141	6	6	563	5	KED
	Cu	**63**	**10.345**	ug/L	0.090	0	64	43356	0	KED
	Cu	**65**	**10.185**	ug/L	0.074	0	46	21523	0	KED
	Zn	**66**	**8.945**	ug/L	0.294	3	174	6051	2	KED
	Zn	**67**	**8.855**	ug/L	0.302	3	30	970	3	KED
	As	**75**	**2.958**	ug/L	0.070	2	2	909	2	KED
	Y	**89**		ug/L			828685	824896	0	Standard
	Kr	**83**		ug/L			353	314	4	Standard
>	**In-1**	**115**		ug/L			27902	27259	1	KED
	Mo	**98**	**0.822**	ug/L	0.016	1	10	1388	2	KED
	Cd	**111**	**0.029**	ug/L	0.007	23	2	13	20	KED
	Cd	**114**	**0.037**	ug/L	0.005	12	2	39	11	KED
>	**In**	**115**		ug/L			1670064	1582609	3	Standard
	Ba	**135**	**3.877**	ug/L	0.135	3	40	30625	1	Standard
	Ba	**137**	**3.796**	ug/L	0.091	2	71	52712	0	Standard
>	**Tb**	**159**		ug/L			2611984	2508952	0	Standard
	Pb	**208**	**0.287**	ug/L	0.002	0	466	33372	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-12
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:39:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	85406	0	Standard
	Cl	**37**		ug/L			7496020	7235697	0	Standard
>	**Sc**	**45**		ug/L			1605108	1597620	1	Standard
	Cr	**52**	**0.698**	ug/L	0.011	1	17371	36441	0	Standard
	Cr	**53**	**0.704**	ug/L	0.015	2	153	2562	1	Standard
	Fe	**54**	**615.716**	ug/L	10.826	1	99852	1765489	0	Standard
	Fe	**57**	**621.518**	ug/L	3.674	0	17290	649130	0	Standard
	Mn	**55**	**180.114**	ug/L	2.648	1	822	7374215	0	Standard
>	**Ge**	**72**		ug/L			89201	88981	0	KED
	Ni	**60**	**2.353**	ug/L	0.043	1	17	3530	2	KED
	Ni	**62**	**2.496**	ug/L	0.214	8	6	605	8	KED
	Cu	**63**	**11.632**	ug/L	0.153	1	64	49052	1	KED
	Cu	**65**	**11.525**	ug/L	0.223	1	46	24503	1	KED
	Zn	**66**	**9.386**	ug/L	0.344	3	174	6382	3	KED
	Zn	**67**	**9.355**	ug/L	0.453	4	30	1030	4	KED
	As	**75**	**3.426**	ug/L	0.113	3	2	1059	3	KED
	Y	**89**		ug/L			828685	820332	2	Standard
	Kr	**83**		ug/L			353	345	8	Standard
>	**In-1**	**115**		ug/L			27902	27540	0	KED
	Mo	**98**	**0.728**	ug/L	0.018	2	10	1242	3	KED
	Cd	**111**	**0.035**	ug/L	0.009	26	2	16	23	KED
	Cd	**114**	**0.033**	ug/L	0.009	27	2	36	26	KED
>	**In**	**115**		ug/L			1670064	1561924	2	Standard
	Ba	**135**	**3.504**	ug/L	0.122	3	40	27321	1	Standard
	Ba	**137**	**3.475**	ug/L	0.124	3	71	47625	1	Standard
>	**Tb**	**159**		ug/L			2611984	2504880	1	Standard
	Pb	**208**	**0.712**	ug/L	0.012	1	466	82024	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-09
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:43:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	95467	1	Standard
	Cl	**37**		ug/L			7496020	7144438	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1602853	0	Standard
|	**Cr**	**52**	**0.824**	ug/L	0.015	1	17371	40045	1	Standard
|	**Cr**	**53**	**0.816**	ug/L	0.003	0	153	2953	0	Standard
|	**Fe**	**54**	**435.576**	ug/L	5.893	1	99852	1282410	1	Standard
|	**Fe**	**57**	**443.537**	ug/L	9.206	2	17290	469690	1	Standard
⌊	**Mn**	**55**	**82.732**	ug/L	0.454	0	822	3399183	0	Standard
⌈>	**Ge**	**72**		ug/L			89201	88828	1	KED
|	**Ni**	**60**	**2.325**	ug/L	0.018	0	17	3482	1	KED
|	**Ni**	**62**	**2.237**	ug/L	0.107	4	6	542	4	KED
|	**Cu**	**63**	**10.890**	ug/L	0.118	1	64	45844	0	KED
|	**Cu**	**65**	**10.986**	ug/L	0.038	0	46	23321	1	KED
|	**Zn**	**66**	**10.385**	ug/L	0.173	1	174	7030	1	KED
|	**Zn**	**67**	**9.615**	ug/L	0.066	0	30	1056	1	KED
⌊	**As**	**75**	**2.769**	ug/L	0.032	1	2	855	2	KED
	Y	**89**		ug/L			828685	807400	0	Standard
	Kr	**83**		ug/L			353	293	6	Standard
⌈>	**In-1**	**115**		ug/L			27902	27220	0	KED
|	**Mo**	**98**	**0.631**	ug/L	0.024	3	10	1065	4	KED
|	**Cd**	**111**	**0.041**	ug/L	0.014	34	2	18	30	KED
⌊	**Cd**	**114**	**0.032**	ug/L	0.006	20	2	35	18	KED
⌈>	**In**	**115**		ug/L			1670064	1567493	1	Standard
|	**Ba**	**135**	**3.618**	ug/L	0.103	2	40	28316	1	Standard
⌊	**Ba**	**137**	**3.546**	ug/L	0.034	0	71	48789	0	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2507602	1	Standard
⌊	**Pb**	**208**	**0.613**	ug/L	0.012	1	466	70748	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0780-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:46:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	88605	0	Standard
	Cl	37		ug/L			7496020	7115980	0	Standard
>	Sc	45		ug/L			1605108	1583896	0	Standard
	Cr	52	0.693	ug/L	0.017	2	17371	36007	1	Standard
	Cr	53	0.666	ug/L	0.012	1	153	2409	1	Standard
	Fe	54	404.234	ug/L	3.611	0	99852	1183114	0	Standard
	Fe	57	405.244	ug/L	4.187	1	17290	425567	0	Standard
	Mn	55	77.316	ug/L	0.689	0	822	3139143	0	Standard
>	Ge	72		ug/L			89201	87778	1	KED
	Ni	60	2.081	ug/L	0.047	2	17	3082	3	KED
	Ni	62	2.127	ug/L	0.109	5	6	509	3	KED
	Cu	63	10.085	ug/L	0.120	1	64	41958	0	KED
	Cu	65	10.097	ug/L	0.067	0	46	21184	1	KED
	Zn	66	9.676	ug/L	0.294	3	174	6483	1	KED
	Zn	67	9.166	ug/L	0.308	3	30	996	4	KED
	As	75	2.548	ug/L	0.045	1	2	777	3	KED
	Y	89		ug/L			828685	819343	1	Standard
	Kr	83		ug/L			353	326	9	Standard
>	In-1	115		ug/L			27902	27169	1	KED
	Mo	98	0.584	ug/L	0.025	4	10	985	5	KED
	Cd	111	0.026	ug/L	0.005	18	2	12	15	KED
	Cd	114	0.030	ug/L	0.005	16	2	32	15	KED
>	In	115		ug/L			1670064	1595019	0	Standard
	Ba	135	3.284	ug/L	0.032	0	40	26164	1	Standard
	Ba	137	3.183	ug/L	0.015	0	71	44570	0	Standard
>	Tb	159		ug/L			2611984	2532921	0	Standard
	Pb	208	0.559	ug/L	0.002	0	466	65274	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0780-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:50:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	87757	3	Standard
	Cl	37		ug/L			7496020	7244379	1	Standard
>	Sc	45		ug/L			1605108	1575932	6	Standard
	Cr	52	26.746	ug/L	0.414	1	17371	741107	5	Standard
	Cr	53	25.025	ug/L	0.496	1	153	84609	5	Standard
	Fe	54	400.531	ug/L	4.001	0	99852	1166864	5	Standard
	Fe	57	409.241	ug/L	8.718	2	17290	427116	4	Standard
	Mn	55	101.212	ug/L	1.997	1	822	4085249	4	Standard
>	Ge	72		ug/L			89201	89249	1	KED
	Ni	60	27.694	ug/L	0.073	0	17	41481	1	KED
	Ni	62	28.068	ug/L	0.480	1	6	6756	0	KED
	Cu	63	36.521	ug/L	0.490	1	64	154362	2	KED
	Cu	65	36.420	ug/L	0.189	0	46	77571	1	KED
	Zn	66	88.970	ug/L	0.306	0	174	59199	1	KED
	Zn	67	87.362	ug/L	1.366	1	30	9398	2	KED
	As	75	27.627	ug/L	0.154	0	2	8552	1	KED
	Y	89		ug/L			828685	793300	6	Standard
	Kr	83		ug/L			353	327	2	Standard
>	In-1	115		ug/L			27902	27596	0	KED
	Mo	98	0.597	ug/L	0.032	5	10	1023	5	KED
	Cd	111	26.142	ug/L	0.457	1	2	10393	1	KED
	Cd	114	25.817	ug/L	0.356	1	2	26708	1	KED
>	In	115		ug/L			1670064	1571797	5	Standard
	Ba	135	27.812	ug/L	0.335	1	40	217985	4	Standard
	Ba	137	27.479	ug/L	0.328	1	71	378537	4	Standard
>	Tb	159		ug/L			2611984	2461823	3	Standard
	Pb	208	29.626	ug/L	0.321	1	466	3338329	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0780-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 04:55:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	82191	0	Standard
	Cl	37		ug/L			7496020	7365765	0	Standard
>	Sc	45		ug/L			1605108	1606505	0	Standard
	Cr	52	24.851	ug/L	0.132	0	17371	703477	0	Standard
	Cr	53	23.309	ug/L	0.081	0	153	80360	0	Standard
	Fe	54	384.016	ug/L	5.755	1	99852	1144971	1	Standard
	Fe	57	392.005	ug/L	7.365	1	17290	418098	1	Standard
	Mn	55	96.749	ug/L	0.785	0	822	3984007	0	Standard
>	Ge	72		ug/L			89201	86879	1	KED
	Ni	60	26.425	ug/L	0.407	1	17	38526	0	KED
	Ni	62	27.033	ug/L	0.308	1	6	6335	0	KED
	Cu	63	34.927	ug/L	0.187	0	64	143690	1	KED
	Cu	65	34.731	ug/L	0.034	0	46	72011	1	KED
	Zn	66	85.055	ug/L	0.576	0	174	55101	1	KED
	Zn	67	82.333	ug/L	2.065	2	30	8625	3	KED
	As	75	26.350	ug/L	0.349	1	2	7940	0	KED
	Y	89		ug/L			828685	820846	1	Standard
	Kr	83		ug/L			353	334	5	Standard
>	In-1	115		ug/L			27902	27404	2	KED
	Mo	98	0.562	ug/L	0.066	11	10	954	9	KED
	Cd	111	24.525	ug/L	0.075	0	2	9682	1	KED
	Cd	114	24.571	ug/L	0.292	1	2	25240	1	KED
>	In	115		ug/L			1670064	1605123	0	Standard
	Ba	135	26.200	ug/L	0.145	0	40	209799	0	Standard
	Ba	137	25.657	ug/L	0.239	0	71	361095	0	Standard
>	Tb	159		ug/L			2611984	2539956	0	Standard
	Pb	208	27.333	ug/L	0.210	0	466	3177482	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:03:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	31105	3	Standard
	Cl	**37**		ug/L			7496020	7487484	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1488861	1	Standard
|	**Cr**	**52**	**0.065**	ug/L	0.008	12	17371	17764	1	Standard
|	**Cr**	**53**	**-0.000**	ug/L	0.004	814	153	140	7	Standard
|	**Fe**	**54**	**-1.432**	ug/L	0.127	8	99852	89007	1	Standard
|	**Fe**	**57**	**-3.599**	ug/L	0.291	8	17290	12626	1	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	37	822	831	1	Standard
⌈>	**Ge**	**72**		ug/L			89201	87126	2	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.006	2825	17	17	57	KED
|	**Ni**	**62**	**0.009**	ug/L	0.020	228	6	8	53	KED
|	**Cu**	**63**	**0.012**	ug/L	0.003	29	64	113	13	KED
|	**Cu**	**65**	**0.004**	ug/L	0.005	121	46	53	15	KED
|	**Zn**	**66**	**0.059**	ug/L	0.012	20	174	208	6	KED
|	**Zn**	**67**	**0.045**	ug/L	0.076	170	30	34	20	KED
⌊	**As**	**75**	**0.010**	ug/L	0.004	43	2	5	24	KED
	Y	**89**		ug/L			828685	773200	0	Standard
	Kr	**83**		ug/L			353	349	9	Standard
⌈>	**In-1**	**115**		ug/L			27902	27054	2	KED
|	**Mo**	**98**	**-0.002**	ug/L	0.002	116	10	7	46	KED
|	**Cd**	**111**	**0.009**	ug/L	0.006	69	2	6	39	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.002	59	2	6	37	KED
⌈>	**In**	**115**		ug/L			1670064	1534061	1	Standard
|	**Ba**	**135**	**0.007**	ug/L	0.001	13	40	92	6	Standard
⌊	**Ba**	**137**	**0.007**	ug/L	0.001	20	71	153	13	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2436279	0	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	13	466	843	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:07:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	24218	1	Standard
	Cl	**37**		ug/L			7496020	7862990	0	Standard
>	**Sc**	**45**		ug/L			1605108	1499032	1	Standard
	Cr	**52**	**52.958**	ug/L	1.131	2	17371	1380251	0	Standard
	Cr	**53**	**49.916**	ug/L	0.933	1	153	160385	0	Standard
	Fe	**54**	**5252.631**	ug/L	59.214	1	99852	13429875	0	Standard
	Fe	**57**	**5348.989**	ug/L	76.075	1	17290	5118840	1	Standard
	Mn	**55**	**52.151**	ug/L	0.656	1	822	2003990	0	Standard
>	**Ge**	**72**		ug/L			89201	89295	0	KED
	Ni	**60**	**49.910**	ug/L	0.311	0	17	74781	0	KED
	Ni	**62**	**49.553**	ug/L	0.384	0	6	11931	1	KED
	Cu	**63**	**50.333**	ug/L	0.790	1	64	212792	1	KED
	Cu	**65**	**50.271**	ug/L	0.620	1	46	107106	0	KED
	Zn	**66**	**49.945**	ug/L	0.630	1	174	33325	0	KED
	Zn	**67**	**50.187**	ug/L	0.774	1	30	5414	1	KED
	As	**75**	**50.136**	ug/L	0.566	1	2	15527	1	KED
	Y	**89**		ug/L			828685	779684	0	Standard
	Kr	**83**		ug/L			353	328	6	Standard
>	**In-1**	**115**		ug/L			27902	27370	2	KED
	Mo	**98**	**47.976**	ug/L	1.464	3	10	80675	1	KED
	Cd	**111**	**50.694**	ug/L	0.855	1	2	19983	0	KED
	Cd	**114**	**50.753**	ug/L	1.733	3	2	52051	1	KED
>	**In**	**115**		ug/L			1670064	1521635	1	Standard
	Ba	**135**	**49.524**	ug/L	0.208	0	40	375897	0	Standard
	Ba	**137**	**48.573**	ug/L	0.593	1	71	647947	0	Standard
>	**Tb**	**159**		ug/L			2611984	2489895	0	Standard
	Pb	**208**	**53.630**	ug/L	0.535	0	466	6111022	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:13:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	23244	1	Standard
	Cl	**37**		ug/L			7496020	7377072	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1500317	0	Standard
|	**Cr**	**52**	**0.027**	ug/L	0.003	11	17371	16926	0	Standard
|	**Cr**	**53**	**-0.003**	ug/L	0.002	68	153	134	4	Standard
|	**Fe**	**54**	**-0.649**	ug/L	0.194	29	99852	91683	0	Standard
|	**Fe**	**57**	**1.741**	ug/L	0.018	1	17290	17824	0	Standard
⌊	**Mn**	**55**	**-0.002**	ug/L	0.000	23	822	707	2	Standard
⌈>	**Ge**	**72**		ug/L			89201	87666	0	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.003	122	17	13	31	KED
|	**Ni**	**62**	**-0.008**	ug/L	0.017	219	6	5	78	KED
|	**Cu**	**63**	**0.002**	ug/L	0.003	117	64	73	16	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.006	241	46	41	28	KED
|	**Zn**	**66**	**-0.056**	ug/L	0.016	28	174	135	7	KED
|	**Zn**	**67**	**-0.013**	ug/L	0.019	148	30	28	6	KED
⌊	**As**	**75**	**0.002**	ug/L	0.005	326	2	2	61	KED
	Y	**89**		ug/L			828685	775707	1	Standard
	Kr	**83**		ug/L			353	313	8	Standard
⌈>	**In-1**	**115**		ug/L			27902	27531	0	KED
|	**Mo**	**98**	**0.014**	ug/L	0.004	27	10	34	19	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.003	88	2	1	86	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.003	5284	2	2	125	KED
⌈>	**In**	**115**		ug/L			1670064	1537933	0	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.001	114	40	44	19	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	7789	71	65	11	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2462446	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	31	466	521	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-13
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:17:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	104298	0	Standard
	Cl	**37**		ug/L			7496020	7012872	0	Standard
>	**Sc**	**45**		ug/L			1605108	1632721	1	Standard
	Cr	**52**	**0.806**	ug/L	0.030	3	17371	40265	0	Standard
	Cr	**53**	**0.785**	ug/L	0.011	1	153	2901	1	Standard
	Fe	**54**	**490.242**	ug/L	11.027	2	99852	1457168	0	Standard
	Fe	**57**	**503.401**	ug/L	8.206	1	17290	540616	0	Standard
	Mn	**55**	**175.354**	ug/L	3.263	1	822	7336677	0	Standard
>	**Ge**	**72**		ug/L			89201	87806	1	KED
	Ni	**60**	**2.215**	ug/L	0.083	3	17	3280	3	KED
	Ni	**62**	**2.179**	ug/L	0.196	8	6	522	9	KED
	Cu	**63**	**8.421**	ug/L	0.085	1	64	35060	0	KED
	Cu	**65**	**8.472**	ug/L	0.144	1	46	17785	1	KED
	Zn	**66**	**9.273**	ug/L	0.201	2	174	6224	3	KED
	Zn	**67**	**8.549**	ug/L	0.304	3	30	932	4	KED
	As	**75**	**3.926**	ug/L	0.082	2	2	1197	2	KED
	Y	**89**		ug/L			828685	818038	2	Standard
	Kr	**83**		ug/L			353	356	12	Standard
>	**In-1**	**115**		ug/L			27902	27144	0	KED
	Mo	**98**	**0.810**	ug/L	0.021	2	10	1360	1	KED
	Cd	**111**	**0.040**	ug/L	0.005	11	2	18	10	KED
	Cd	**114**	**0.034**	ug/L	0.002	5	2	36	5	KED
>	**In**	**115**		ug/L			1670064	1596443	2	Standard
	Ba	**135**	**3.750**	ug/L	0.071	1	40	29892	0	Standard
	Ba	**137**	**3.657**	ug/L	0.068	1	71	51239	0	Standard
>	**Tb**	**159**		ug/L			2611984	2547876	1	Standard
	Pb	**208**	**0.312**	ug/L	0.004	1	466	36886	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-14
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:21:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	89651	2	Standard
	Cl	**37**		ug/L			7496020	6927379	1	Standard
>	**Sc**	**45**		ug/L			1605108	1598893	0	Standard
	Cr	**52**	**0.682**	ug/L	0.022	3	17371	36040	0	Standard
	Cr	**53**	**0.678**	ug/L	0.018	2	153	2475	2	Standard
	Fe	**54**	**209.512**	ug/L	2.828	1	99852	666883	0	Standard
	Fe	**57**	**220.141**	ug/L	3.207	1	17290	241228	1	Standard
	Mn	**55**	**47.588**	ug/L	0.778	1	822	1950642	1	Standard
>	**Ge**	**72**		ug/L			89201	88663	1	KED
	Ni	**60**	**1.721**	ug/L	0.035	2	17	2577	0	KED
	Ni	**62**	**1.729**	ug/L	0.125	7	6	420	8	KED
	Cu	**63**	**8.532**	ug/L	0.025	0	64	35869	1	KED
	Cu	**65**	**8.631**	ug/L	0.064	0	46	18298	1	KED
	Zn	**66**	**8.338**	ug/L	0.039	0	174	5669	1	KED
	Zn	**67**	**8.220**	ug/L	0.123	1	30	906	2	KED
	As	**75**	**3.165**	ug/L	0.082	2	2	975	2	KED
	Y	**89**		ug/L			828685	811241	0	Standard
	Kr	**83**		ug/L			353	305	9	Standard
>	**In-1**	**115**		ug/L			27902	27262	1	KED
	Mo	**98**	**0.810**	ug/L	0.034	4	10	1366	2	KED
	Cd	**111**	**0.032**	ug/L	0.009	27	2	14	24	KED
	Cd	**114**	**0.020**	ug/L	0.005	26	2	22	25	KED
>	**In**	**115**		ug/L			1670064	1600955	1	Standard
	Ba	**135**	**3.160**	ug/L	0.082	2	40	25267	1	Standard
	Ba	**137**	**3.083**	ug/L	0.081	2	71	43323	1	Standard
>	**Tb**	**159**		ug/L			2611984	2505232	0	Standard
	Pb	**208**	**0.275**	ug/L	0.002	0	466	31973	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-15
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:24:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	81859	0	Standard
	Cl	**37**		ug/L			7496020	7075805	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1598196	2	Standard
|	**Cr**	**52**	**0.740**	ug/L	0.019	2	17371	37625	0	Standard
|	**Cr**	**53**	**0.751**	ug/L	0.011	1	153	2721	0	Standard
|	**Fe**	**54**	**400.493**	ug/L	3.718	0	99852	1183532	1	Standard
|	**Fe**	**57**	**409.546**	ug/L	4.235	1	17290	433744	1	Standard
⌊	**Mn**	**55**	**131.572**	ug/L	1.740	1	822	5388965	1	Standard
⌈>	**Ge**	**72**		ug/L			89201	89068	0	KED
|	**Ni**	**60**	**2.305**	ug/L	0.031	1	17	3461	1	KED
|	**Ni**	**62**	**2.447**	ug/L	0.155	6	6	594	6	KED
|	**Cu**	**63**	**11.722**	ug/L	0.086	0	64	49481	0	KED
|	**Cu**	**65**	**11.613**	ug/L	0.082	0	46	24716	1	KED
|	**Zn**	**66**	**10.894**	ug/L	0.131	1	174	7386	1	KED
|	**Zn**	**67**	**10.716**	ug/L	0.194	1	30	1177	2	KED
⌊	**As**	**75**	**2.168**	ug/L	0.045	2	2	671	1	KED
	Y	**89**		ug/L			828685	802356	2	Standard
	Kr	**83**		ug/L			353	337	7	Standard
⌈>	**In-1**	**115**		ug/L			27902	27045	3	KED
|	**Mo**	**98**	**0.682**	ug/L	0.024	3	10	1142	2	KED
|	**Cd**	**111**	**0.031**	ug/L	0.013	40	2	14	35	KED
⌊	**Cd**	**114**	**0.041**	ug/L	0.010	25	2	43	20	KED
⌈>	**In**	**115**		ug/L			1670064	1567386	1	Standard
|	**Ba**	**135**	**4.067**	ug/L	0.069	1	40	31830	0	Standard
⌊	**Ba**	**137**	**3.975**	ug/L	0.102	2	71	54672	0	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2494582	1	Standard
⌊	**Pb**	**208**	**0.592**	ug/L	0.011	1	466	68031	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-16
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:28:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	91020	1	Standard
	Cl	**37**		ug/L			7496020	7057090	0	Standard
>	**Sc**	**45**		ug/L			1605108	1578815	3	Standard
	Cr	**52**	**0.537**	ug/L	0.011	1	17371	31655	2	Standard
	Cr	**53**	**0.536**	ug/L	0.008	1	153	1964	3	Standard
	Fe	**54**	**179.812**	ug/L	1.869	1	99852	579211	4	Standard
	Fe	**57**	**187.159**	ug/L	2.547	1	17290	205088	4	Standard
	Mn	**55**	**46.691**	ug/L	0.154	0	822	1890118	3	Standard
>	**Ge**	**72**		ug/L			89201	88515	0	KED
	Ni	**60**	**2.027**	ug/L	0.107	5	17	3026	5	KED
	Ni	**62**	**2.067**	ug/L	0.277	13	6	499	12	KED
	Cu	**63**	**8.580**	ug/L	0.199	2	64	36007	1	KED
	Cu	**65**	**8.571**	ug/L	0.107	1	46	18140	0	KED
	Zn	**66**	**12.060**	ug/L	0.049	0	174	8108	0	KED
	Zn	**67**	**11.942**	ug/L	1.011	8	30	1300	8	KED
	As	**75**	**2.184**	ug/L	0.093	4	2	672	4	KED
	Y	**89**		ug/L			828685	795592	4	Standard
	Kr	**83**		ug/L			353	306	9	Standard
>	**In-1**	**115**		ug/L			27902	27737	1	KED
	Mo	**98**	**0.641**	ug/L	0.023	3	10	1103	3	KED
	Cd	**111**	**0.014**	ug/L	0.005	32	2	8	24	KED
	Cd	**114**	**0.025**	ug/L	0.006	22	2	28	20	KED
>	**In**	**115**		ug/L			1670064	1570745	5	Standard
	Ba	**135**	**2.738**	ug/L	0.072	2	40	21470	3	Standard
	Ba	**137**	**2.666**	ug/L	0.058	2	71	36751	3	Standard
>	**Tb**	**159**		ug/L			2611984	2475376	2	Standard
	Pb	**208**	**0.281**	ug/L	0.003	1	466	32228	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-17
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:32:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	59805	1	Standard
	Cl	**37**		ug/L			7496020	7411680	0	Standard
>	**Sc**	**45**		ug/L			1605108	1539594	0	Standard
	Cr	**52**	**0.290**	ug/L	0.007	2	17371	24334	0	Standard
	Cr	**53**	**0.271**	ug/L	0.013	4	153	1038	3	Standard
	Fe	**54**	**29.804**	ug/L	0.706	2	99852	173498	0	Standard
	Fe	**57**	**24.351**	ug/L	0.629	2	17290	40442	0	Standard
	Mn	**55**	**9.724**	ug/L	0.149	1	822	384430	0	Standard
>	**Ge**	**72**		ug/L			89201	89637	1	KED
	Ni	**60**	**0.535**	ug/L	0.004	0	17	822	1	KED
	Ni	**62**	**0.643**	ug/L	0.068	10	6	162	11	KED
	Cu	**63**	**20.223**	ug/L	0.595	2	64	85840	1	KED
	Cu	**65**	**20.213**	ug/L	0.529	2	46	43248	1	KED
	Zn	**66**	**205.544**	ug/L	3.514	1	174	137105	0	KED
	Zn	**67**	**194.266**	ug/L	5.740	2	30	20946	1	KED
	As	**75**	**0.410**	ug/L	0.028	6	2	129	5	KED
	Y	**89**		ug/L			828685	800796	0	Standard
	Kr	**83**		ug/L			353	331	8	Standard
>	**In-1**	**115**		ug/L			27902	27484	0	KED
	Mo	**98**	**0.195**	ug/L	0.017	8	10	339	9	KED
	Cd	**111**	**0.037**	ug/L	0.011	29	2	17	25	KED
	Cd	**114**	**0.021**	ug/L	0.016	75	2	24	68	KED
>	**In**	**115**		ug/L			1670064	1574715	0	Standard
	Ba	**135**	**3.991**	ug/L	0.073	1	40	31378	1	Standard
	Ba	**137**	**3.905**	ug/L	0.006	0	71	53970	0	Standard
>	**Tb**	**159**		ug/L			2611984	2513429	1	Standard
	Pb	**208**	**0.284**	ug/L	0.004	1	466	33067	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-11
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:35:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	98175	1	Standard
	Cl	**37**		ug/L			7496020	7070305	0	Standard
>	**Sc**	**45**		ug/L			1605108	1594297	1	Standard
	Cr	**52**	**0.796**	ug/L	0.008	1	17371	39059	1	Standard
	Cr	**53**	**0.770**	ug/L	0.007	0	153	2781	1	Standard
	Fe	**54**	**430.484**	ug/L	4.073	0	99852	1261723	0	Standard
	Fe	**57**	**438.832**	ug/L	2.986	0	17290	462456	1	Standard
	Mn	**55**	**96.941**	ug/L	1.060	1	822	3961863	2	Standard
>	**Ge**	**72**		ug/L			89201	88089	0	KED
	Ni	**60**	**2.736**	ug/L	0.009	0	17	4060	0	KED
	Ni	**62**	**2.793**	ug/L	0.129	4	6	669	4	KED
	Cu	**63**	**11.000**	ug/L	0.172	1	64	45927	1	KED
	Cu	**65**	**10.845**	ug/L	0.035	0	46	22831	0	KED
	Zn	**66**	**9.156**	ug/L	0.053	0	174	6167	0	KED
	Zn	**67**	**9.568**	ug/L	0.785	8	30	1042	7	KED
	As	**75**	**3.361**	ug/L	0.046	1	2	1028	1	KED
	Y	**89**		ug/L			828685	823281	1	Standard
	Kr	**83**		ug/L			353	317	5	Standard
>	**In-1**	**115**		ug/L			27902	27086	1	KED
	Mo	**98**	**0.962**	ug/L	0.070	7	10	1610	5	KED
	Cd	**111**	**0.046**	ug/L	0.002	3	2	20	2	KED
	Cd	**114**	**0.040**	ug/L	0.001	2	2	43	4	KED
>	**In**	**115**		ug/L			1670064	1594505	1	Standard
	Ba	**135**	**4.043**	ug/L	0.089	2	40	32189	2	Standard
	Ba	**137**	**3.958**	ug/L	0.083	2	71	55385	1	Standard
>	**Tb**	**159**		ug/L			2611984	2520224	0	Standard
	Pb	**208**	**0.373**	ug/L	0.004	0	466	43459	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0779-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:39:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	89357	1	Standard
	Cl	37		ug/L			7496020	7159959	0	Standard
>	Sc	45		ug/L			1605108	1599465	0	Standard
	Cr	52	0.670	ug/L	0.020	3	17371	35713	1	Standard
	Cr	53	0.675	ug/L	0.012	1	153	2465	1	Standard
	Fe	54	401.133	ug/L	1.382	0	99852	1186360	0	Standard
	Fe	57	412.741	ug/L	6.732	1	17290	437361	1	Standard
	Mn	55	90.015	ug/L	1.445	1	822	3690520	1	Standard
>	Ge	72		ug/L			89201	87389	0	KED
	Ni	60	2.569	ug/L	0.025	0	17	3783	1	KED
	Ni	62	2.675	ug/L	0.127	4	6	636	5	KED
	Cu	63	10.369	ug/L	0.030	0	64	42953	0	KED
	Cu	65	10.191	ug/L	0.030	0	46	21286	0	KED
	Zn	66	8.671	ug/L	0.180	2	174	5803	2	KED
	Zn	67	8.211	ug/L	0.133	1	30	892	2	KED
	As	75	3.179	ug/L	0.051	1	2	965	0	KED
	Y	89		ug/L			828685	810080	2	Standard
	Kr	83		ug/L			353	354	5	Standard
>	In-1	115		ug/L			27902	27099	0	KED
	Mo	98	0.851	ug/L	0.035	4	10	1427	4	KED
	Cd	111	0.038	ug/L	0.003	8	2	17	6	KED
	Cd	114	0.045	ug/L	0.009	19	2	47	18	KED
>	In	115		ug/L			1670064	1572190	1	Standard
	Ba	135	3.904	ug/L	0.002	0	40	30654	1	Standard
	Ba	137	3.843	ug/L	0.046	1	71	53030	0	Standard
>	Tb	159		ug/L			2611984	2523629	1	Standard
	Pb	208	0.356	ug/L	0.007	2	466	41584	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0779-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:43:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	83088	2	Standard
	Cl	**37**		ug/L			7496020	7273433	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1592030	0	Standard
|	**Cr**	**52**	**25.949**	ug/L	0.574	2	17371	727143	1	Standard
|	**Cr**	**53**	**24.522**	ug/L	0.094	0	153	83771	0	Standard
|	**Fe**	**54**	**395.547**	ug/L	3.311	0	99852	1165767	0	Standard
|	**Fe**	**57**	**407.868**	ug/L	4.073	0	17290	430405	0	Standard
⌊	**Mn**	**55**	**114.083**	ug/L	0.922	0	822	4655281	0	Standard
⌈>	**Ge**	**72**		ug/L			89201	86708	0	KED
|	**Ni**	**60**	**27.754**	ug/L	0.167	0	17	40389	1	KED
|	**Ni**	**62**	**28.026**	ug/L	0.952	3	6	6554	2	KED
|	**Cu**	**63**	**36.417**	ug/L	0.583	1	64	149507	1	KED
|	**Cu**	**65**	**35.850**	ug/L	0.209	0	46	74184	0	KED
|	**Zn**	**66**	**87.813**	ug/L	0.955	1	174	56764	0	KED
|	**Zn**	**67**	**86.010**	ug/L	1.451	1	30	8989	1	KED
⌊	**As**	**75**	**27.995**	ug/L	0.552	1	2	8419	1	KED
	Y	**89**		ug/L			828685	808198	1	Standard
	Kr	**83**		ug/L			353	325	6	Standard
⌈>	**In-1**	**115**		ug/L			27902	27227	1	KED
|	**Mo**	**98**	**0.854**	ug/L	0.009	1	10	1438	2	KED
|	**Cd**	**111**	**25.386**	ug/L	0.807	3	2	9955	1	KED
⌊	**Cd**	**114**	**25.660**	ug/L	0.390	1	2	26187	0	KED
⌈>	**In**	**115**		ug/L			1670064	1576153	1	Standard
|	**Ba**	**135**	**28.165**	ug/L	0.155	0	40	221450	0	Standard
⌊	**Ba**	**137**	**27.490**	ug/L	0.103	0	71	379898	0	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2510040	0	Standard
⌊	**Pb**	**208**	**28.488**	ug/L	0.290	1	466	3272728	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0779-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:48:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			23891	88645	1	Standard
	Cl	37		ug/L			7496020	7404231	1	Standard
>	Sc	45		ug/L			1605108	1618125	0	Standard
	Cr	52	26.419	ug/L	0.443	1	17371	752113	0	Standard
	Cr	53	24.900	ug/L	0.282	1	153	86450	0	Standard
	Fe	54	430.441	ug/L	4.760	1	99852	1280452	0	Standard
	Fe	57	443.989	ug/L	8.012	1	17290	474624	0	Standard
	Mn	55	121.867	ug/L	1.796	1	822	5054044	0	Standard
>	Ge	72		ug/L			89201	85870	0	KED
	Ni	60	29.196	ug/L	0.284	0	17	42076	1	KED
	Ni	62	29.187	ug/L	0.242	0	6	6760	1	KED
	Cu	63	38.201	ug/L	0.313	0	64	155321	0	KED
	Cu	65	37.786	ug/L	0.255	0	46	77433	1	KED
	Zn	66	90.372	ug/L	0.961	1	174	57849	0	KED
	Zn	67	88.259	ug/L	0.211	0	30	9134	0	KED
	As	75	29.370	ug/L	0.221	0	2	8748	1	KED
	Y	89		ug/L			828685	807477	2	Standard
	Kr	83		ug/L			353	323	6	Standard
>	In-1	115		ug/L			27902	26929	0	KED
	Mo	98	0.977	ug/L	0.037	3	10	1627	3	KED
	Cd	111	26.653	ug/L	0.651	2	2	10339	1	KED
	Cd	114	26.707	ug/L	0.534	1	2	26960	1	KED
>	In	115		ug/L			1670064	1579419	0	Standard
	Ba	135	29.401	ug/L	0.141	0	40	231651	0	Standard
	Ba	137	28.891	ug/L	0.296	1	71	400086	0	Standard
>	Tb	159		ug/L			2611984	2507820	0	Standard
	Pb	208	29.718	ug/L	0.205	0	466	3411030	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 05:55:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	31127	0	Standard
	Cl	**37**		ug/L			7496020	7505629	1	Standard
⎡>	**Sc**	**45**		ug/L			1605108	1487145	0	Standard
⎢	**Cr**	**52**	**0.051**	ug/L	0.001	2	17371	17400	0	Standard
⎢	**Cr**	**53**	**0.006**	ug/L	0.006	94	153	160	11	Standard
⎢	**Fe**	**54**	**-1.055**	ug/L	0.036	3	99852	89857	0	Standard
⎢	**Fe**	**57**	**-3.364**	ug/L	0.206	6	17290	12835	0	Standard
⎣	**Mn**	**55**	**0.007**	ug/L	0.003	45	822	1036	12	Standard
⎡>	**Ge**	**72**		ug/L			89201	87637	1	KED
⎢	**Ni**	**60**	**0.007**	ug/L	0.017	263	17	27	94	KED
⎢	**Ni**	**62**	**0.011**	ug/L	0.014	121	6	9	34	KED
⎢	**Cu**	**63**	**0.015**	ug/L	0.003	20	64	124	10	KED
⎢	**Cu**	**65**	**0.008**	ug/L	0.002	27	46	63	6	KED
⎢	**Zn**	**66**	**0.056**	ug/L	0.040	72	174	207	11	KED
⎢	**Zn**	**67**	**0.082**	ug/L	0.103	125	30	38	29	KED
⎣	**As**	**75**	**0.002**	ug/L	0.003	121	2	2	28	KED
	Y	**89**		ug/L			828685	779664	1	Standard
	Kr	**83**		ug/L			353	330	6	Standard
⎡>	**In-1**	**115**		ug/L			27902	27627	2	KED
⎢	**Mo**	**98**	**-0.004**	ug/L	0.002	49	10	4	75	KED
⎢	**Cd**	**111**	**0.000**	ug/L	0.004	5902	2	2	57	KED
⎣	**Cd**	**114**	**0.000**	ug/L	0.003	3213	2	2	118	KED
⎡>	**In**	**115**		ug/L			1670064	1538216	0	Standard
⎢	**Ba**	**135**	**0.010**	ug/L	0.001	8	40	115	5	Standard
⎣	**Ba**	**137**	**0.010**	ug/L	0.001	9	71	198	6	Standard
⎡>	**Tb**	**159**		ug/L			2611984	2461261	1	Standard
⎣	**Pb**	**208**	**0.004**	ug/L	0.001	24	466	928	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:00:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	24161	1	Standard
	Cl	**37**		ug/L			7496020	7889804	0	Standard
⎡>	**Sc**	**45**		ug/L			1605108	1504728	0	Standard
⎢	**Cr**	**52**	**52.556**	ug/L	0.226	0	17371	1375317	0	Standard
⎢	**Cr**	**53**	**49.438**	ug/L	0.827	1	153	159475	1	Standard
⎢	**Fe**	**54**	**5232.719**	ug/L	4.562	0	99852	13431622	0	Standard
⎢	**Fe**	**57**	**5197.370**	ug/L	18.776	0	17290	4993566	0	Standard
⎣	**Mn**	**55**	**51.748**	ug/L	0.604	1	822	1996222	0	Standard
⎡>	**Ge**	**72**		ug/L			89201	88219	0	KED
⎢	**Ni**	**60**	**49.239**	ug/L	0.676	1	17	72887	1	KED
⎢	**Ni**	**62**	**50.457**	ug/L	0.585	1	6	12002	1	KED
⎢	**Cu**	**63**	**50.517**	ug/L	0.476	0	64	210998	0	KED
⎢	**Cu**	**65**	**50.160**	ug/L	0.825	1	46	105583	1	KED
⎢	**Zn**	**66**	**50.547**	ug/L	0.710	1	174	33318	1	KED
⎢	**Zn**	**67**	**50.858**	ug/L	0.506	0	30	5420	0	KED
⎣	**As**	**75**	**50.029**	ug/L	0.290	0	2	15307	0	KED
	Y	**89**		ug/L			828685	786466	1	Standard
	Kr	**83**		ug/L			353	314	8	Standard
⎡>	**In-1**	**115**		ug/L			27902	27070	0	KED
⎢	**Mo**	**98**	**47.805**	ug/L	0.231	0	10	79538	0	KED
⎢	**Cd**	**111**	**50.876**	ug/L	0.119	0	2	19839	0	KED
⎣	**Cd**	**114**	**50.040**	ug/L	0.427	0	2	50778	1	KED
⎡>	**In**	**115**		ug/L			1670064	1549832	0	Standard
⎢	**Ba**	**135**	**48.937**	ug/L	0.725	1	40	378307	0	Standard
⎣	**Ba**	**137**	**48.283**	ug/L	0.562	1	71	656043	0	Standard
⎡>	**Tb**	**159**		ug/L			2611984	2539611	0	Standard
⎣	**Pb**	**208**	**52.522**	ug/L	0.635	1	466	6104475	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:06:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	22509	1	Standard
	Cl	**37**		ug/L			7496020	7444856	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1476394	0	Standard
|	**Cr**	**52**	**0.037**	ug/L	0.006	15	17371	16920	0	Standard
|	**Cr**	**53**	**-0.002**	ug/L	0.001	81	153	135	3	Standard
|	**Fe**	**54**	**-0.537**	ug/L	0.543	101	99852	90498	1	Standard
|	**Fe**	**57**	**2.188**	ug/L	0.164	7	17290	17959	0	Standard
⌊	**Mn**	**55**	**-0.002**	ug/L	0.001	46	822	694	4	Standard
⌈>	**Ge**	**72**		ug/L			89201	88535	0	KED
|	**Ni**	**60**	**0.012**	ug/L	0.005	40	17	36	21	KED
|	**Ni**	**62**	**0.006**	ug/L	0.009	166	6	8	26	KED
|	**Cu**	**63**	**0.001**	ug/L	0.002	345	64	66	12	KED
|	**Cu**	**65**	**-0.005**	ug/L	0.003	65	46	36	18	KED
|	**Zn**	**66**	**-0.039**	ug/L	0.036	94	174	147	16	KED
|	**Zn**	**67**	**-0.123**	ug/L	0.093	75	30	17	57	KED
⌊	**As**	**75**	**0.003**	ug/L	0.004	136	2	3	36	KED
	Y	**89**		ug/L			828685	774474	1	Standard
	Kr	**83**		ug/L			353	332	10	Standard
⌈>	**In-1**	**115**		ug/L			27902	27726	2	KED
|	**Mo**	**98**	**0.016**	ug/L	0.004	22	10	37	18	KED
|	**Cd**	**111**	**0.003**	ug/L	0.004	127	2	3	43	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	299	2	1	108	KED
⌈>	**In**	**115**		ug/L			1670064	1551787	2	Standard
|	**Ba**	**135**	**0.000**	ug/L	0.001	257	40	40	16	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.000	81	71	60	8	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2477025	0	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.001	119	466	498	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-18
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:10:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	53630	0	Standard
	Cl	**37**		ug/L			7496020	7771506	0	Standard
>	**Sc**	**45**		ug/L			1605108	1543980	1	Standard
	Cr	**52**	**0.195**	ug/L	0.021	10	17371	21880	1	Standard
	Cr	**53**	**0.167**	ug/L	0.010	6	153	698	5	Standard
	Fe	**54**	**34.974**	ug/L	1.296	3	99852	187501	0	Standard
	Fe	**57**	**31.072**	ug/L	0.226	0	17290	47163	0	Standard
	Mn	**55**	**13.189**	ug/L	0.246	1	822	522594	1	Standard
>	**Ge**	**72**		ug/L			89201	91108	1	KED
	Ni	**60**	**0.624**	ug/L	0.023	3	17	972	2	KED
	Ni	**62**	**0.737**	ug/L	0.058	7	6	187	7	KED
	Cu	**63**	**2.392**	ug/L	0.012	0	64	10382	1	KED
	Cu	**65**	**2.329**	ug/L	0.051	2	46	5106	0	KED
	Zn	**66**	**82.583**	ug/L	1.757	2	174	56094	0	KED
	Zn	**67**	**77.967**	ug/L	1.288	1	30	8564	0	KED
	As	**75**	**0.425**	ug/L	0.023	5	2	136	4	KED
	Y	**89**		ug/L			828685	792139	1	Standard
	Kr	**83**		ug/L			353	325	12	Standard
>	**In-1**	**115**		ug/L			27902	28004	1	KED
	Mo	**98**	**0.132**	ug/L	0.011	8	10	238	6	KED
	Cd	**111**	**0.002**	ug/L	0.001	94	2	3	17	KED
	Cd	**114**	**0.008**	ug/L	0.003	39	2	10	29	KED
>	**In**	**115**		ug/L			1670064	1592276	1	Standard
	Ba	**135**	**3.177**	ug/L	0.085	2	40	25266	1	Standard
	Ba	**137**	**3.083**	ug/L	0.028	0	71	43105	0	Standard
>	**Tb**	**159**		ug/L			2611984	2528579	1	Standard
	Pb	**208**	**0.310**	ug/L	0.002	0	466	36280	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-19
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:13:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	60786	1	Standard
	Cl	**37**		ug/L			7496020	7790115	0	Standard
>	**Sc**	**45**		ug/L			1605108	1533697	1	Standard
	Cr	**52**	**0.251**	ug/L	0.006	2	17371	23204	1	Standard
	Cr	**53**	**0.205**	ug/L	0.012	5	153	818	5	Standard
	Fe	**54**	**25.328**	ug/L	0.822	3	99852	161197	0	Standard
	Fe	**57**	**22.071**	ug/L	0.663	3	17290	38060	1	Standard
	Mn	**55**	**6.141**	ug/L	0.080	1	822	242142	1	Standard
>	**Ge**	**72**		ug/L			89201	91075	0	KED
	Ni	**60**	**0.458**	ug/L	0.016	3	17	717	4	KED
	Ni	**62**	**0.488**	ug/L	0.077	15	6	126	15	KED
	Cu	**63**	**6.474**	ug/L	0.078	1	64	27974	1	KED
	Cu	**65**	**6.462**	ug/L	0.052	0	46	14085	1	KED
	Zn	**66**	**146.087**	ug/L	0.813	0	174	99077	0	KED
	Zn	**67**	**135.714**	ug/L	1.476	1	30	14882	1	KED
	As	**75**	**0.242**	ug/L	0.012	4	2	78	4	KED
	Y	**89**		ug/L			828685	808639	2	Standard
	Kr	**83**		ug/L			353	325	8	Standard
>	**In-1**	**115**		ug/L			27902	27801	1	KED
	Mo	**98**	**0.092**	ug/L	0.008	8	10	167	7	KED
	Cd	**111**	**0.036**	ug/L	0.005	14	2	16	11	KED
	Cd	**114**	**0.030**	ug/L	0.001	4	2	33	3	KED
>	**In**	**115**		ug/L			1670064	1608343	0	Standard
	Ba	**135**	**2.542**	ug/L	0.018	0	40	20434	0	Standard
	Ba	**137**	**2.438**	ug/L	0.028	1	71	34436	0	Standard
>	**Tb**	**159**		ug/L			2611984	2545866	0	Standard
	Pb	**208**	**0.328**	ug/L	0.004	1	466	38697	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0190-20
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Wednesday, June 30, 2021 06:18:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	56202	2	Standard
	Cl	**37**		ug/L			7496020	7451086	1	Standard
>	**Sc**	**45**		ug/L			1605108	1510681	2	Standard
	Cr	**52**	**0.482**	ug/L	0.032	6	17371	28861	1	Standard
	Cr	**53**	**0.498**	ug/L	0.028	5	153	1755	2	Standard
	Fe	**54**	**33.293**	ug/L	1.387	4	99852	179132	1	Standard
	Fe	**57**	**28.291**	ug/L	0.934	3	17290	43460	0	Standard
	Mn	**55**	**14.781**	ug/L	0.619	4	822	572628	1	Standard
>	**Ge**	**72**		ug/L			89201	88878	0	KED
	Ni	**60**	**0.625**	ug/L	0.039	6	17	949	6	KED
	Ni	**62**	**0.663**	ug/L	0.044	6	6	165	6	KED
	Cu	**63**	**33.980**	ug/L	0.481	1	64	143006	1	KED
	Cu	**65**	**33.499**	ug/L	0.076	0	46	71055	0	KED
	Zn	**66**	**337.716**	ug/L	4.248	1	174	223281	1	KED
	Zn	**67**	**321.916**	ug/L	4.205	1	30	34405	1	KED
	As	**75**	**0.709**	ug/L	0.037	5	2	220	5	KED
	Y	**89**		ug/L			828685	793587	0	Standard
	Kr	**83**		ug/L			353	332	5	Standard
>	**In-1**	**115**		ug/L			27902	27158	0	KED
	Mo	**98**	**0.428**	ug/L	0.024	5	10	724	5	KED
	Cd	**111**	**0.066**	ug/L	0.018	27	2	28	25	KED
	Cd	**114**	**0.048**	ug/L	0.026	54	2	51	52	KED
>	**In**	**115**		ug/L			1670064	1578654	1	Standard
	Ba	**135**	**7.126**	ug/L	0.089	1	40	56147	0	Standard
	Ba	**137**	**6.966**	ug/L	0.085	1	71	96460	0	Standard
>	**Tb**	**159**		ug/L			2611984	2493608	0	Standard
	Pb	**208**	**0.284**	ug/L	0.003	0	466	32864	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:23:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	30219	2	Standard
	Cl	**37**		ug/L			7496020	7560597	0	Standard
⎡>	**Sc**	**45**		ug/L			1605108	1479846	1	Standard
⎢	**Cr**	**52**	**0.070**	ug/L	0.008	11	17371	17785	1	Standard
⎢	**Cr**	**53**	**0.011**	ug/L	0.006	54	153	175	10	Standard
⎢	**Fe**	**54**	**-0.940**	ug/L	0.248	26	99852	89701	0	Standard
⎢	**Fe**	**57**	**-3.294**	ug/L	0.127	3	17290	12838	0	Standard
⎣	**Mn**	**55**	**0.001**	ug/L	0.001	106	822	780	3	Standard
⎡>	**Ge**	**72**		ug/L			89201	87967	1	KED
⎢	**Ni**	**60**	**0.005**	ug/L	0.004	91	17	24	27	KED
⎢	**Ni**	**62**	**0.011**	ug/L	0.014	122	6	9	34	KED
⎢	**Cu**	**63**	**0.013**	ug/L	0.003	23	64	116	10	KED
⎢	**Cu**	**65**	**0.009**	ug/L	0.005	53	46	65	14	KED
⎢	**Zn**	**66**	**0.017**	ug/L	0.016	93	174	183	6	KED
⎢	**Zn**	**67**	**-0.056**	ug/L	0.083	146	30	24	36	KED
⎣	**As**	**75**	**0.003**	ug/L	0.006	231	2	3	63	KED
	Y	**89**		ug/L			828685	759461	1	Standard
	Kr	**83**		ug/L			353	316	6	Standard
⎡>	**In-1**	**115**		ug/L			27902	27218	0	KED
⎢	**Mo**	**98**	**-0.003**	ug/L	0.001	44	10	4	47	KED
⎢	**Cd**	**111**	**-0.002**	ug/L	0.001	62	2	1	34	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.004	285	2	3	101	KED
⎡>	**In**	**115**		ug/L			1670064	1550265	0	Standard
⎢	**Ba**	**135**	**0.008**	ug/L	0.000	4	40	97	1	Standard
⎣	**Ba**	**137**	**0.009**	ug/L	0.001	15	71	182	9	Standard
⎡>	**Tb**	**159**		ug/L			2611984	2470913	0	Standard
⎣	**Pb**	**208**	**0.003**	ug/L	0.000	13	466	761	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:27:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	24001	1	Standard
	Cl	**37**		ug/L			7496020	7987677	0	Standard
>	**Sc**	**45**		ug/L			1605108	1487554	0	Standard
	Cr	**52**	**53.338**	ug/L	0.970	1	17371	1379606	1	Standard
	Cr	**53**	**49.615**	ug/L	0.180	0	153	158226	0	Standard
	Fe	**54**	**5268.187**	ug/L	22.817	0	99852	13367518	0	Standard
	Fe	**57**	**5261.717**	ug/L	76.105	1	17290	4997491	1	Standard
	Mn	**55**	**51.751**	ug/L	0.599	1	822	1973561	0	Standard
>	**Ge**	**72**		ug/L			89201	88719	1	KED
	Ni	**60**	**50.099**	ug/L	0.648	1	17	74573	0	KED
	Ni	**62**	**49.363**	ug/L	1.578	3	6	11810	4	KED
	Cu	**63**	**50.513**	ug/L	0.639	1	64	212163	0	KED
	Cu	**65**	**50.110**	ug/L	0.964	1	46	106061	0	KED
	Zn	**66**	**49.813**	ug/L	0.387	0	174	33024	1	KED
	Zn	**67**	**49.949**	ug/L	2.153	4	30	5352	3	KED
	As	**75**	**50.245**	ug/L	0.454	0	2	15459	0	KED
	Y	**89**		ug/L			828685	780796	1	Standard
	Kr	**83**		ug/L			353	331	6	Standard
>	**In-1**	**115**		ug/L			27902	26841	1	KED
	Mo	**98**	**48.563**	ug/L	0.744	1	10	80106	0	KED
	Cd	**111**	**51.505**	ug/L	0.015	0	2	19915	1	KED
	Cd	**114**	**51.483**	ug/L	0.042	0	2	51801	1	KED
>	**In**	**115**		ug/L			1670064	1540026	1	Standard
	Ba	**135**	**48.837**	ug/L	0.636	1	40	375152	1	Standard
	Ba	**137**	**48.664**	ug/L	0.605	1	71	657021	1	Standard
>	**Tb**	**159**		ug/L			2611984	2497200	0	Standard
	Pb	**208**	**53.550**	ug/L	0.502	0	466	6120069	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:33:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	23209	2	Standard
	Cl	**37**		ug/L			7496020	7683402	0	Standard
⎡>	**Sc**	**45**		ug/L			1605108	1490585	0	Standard
⎢	**Cr**	**52**	**0.015**	ug/L	0.008	55	17371	16511	1	Standard
⎢	**Cr**	**53**	**-0.000**	ug/L	0.003	1986	153	141	6	Standard
⎢	**Fe**	**54**	**-0.692**	ug/L	0.412	59	99852	90976	0	Standard
⎢	**Fe**	**57**	**0.304**	ug/L	0.548	180	17290	16344	3	Standard
⎣	**Mn**	**55**	**-0.002**	ug/L	0.000	19	822	695	1	Standard
⎡>	**Ge**	**72**		ug/L			89201	88650	1	KED
⎢	**Ni**	**60**	**0.007**	ug/L	0.001	19	17	27	7	KED
⎢	**Ni**	**62**	**-0.008**	ug/L	0.017	223	6	5	78	KED
⎢	**Cu**	**63**	**0.004**	ug/L	0.005	115	64	82	24	KED
⎢	**Cu**	**65**	**-0.000**	ug/L	0.000	248	46	46	2	KED
⎢	**Zn**	**66**	**-0.063**	ug/L	0.042	66	174	132	21	KED
⎢	**Zn**	**67**	**-0.065**	ug/L	0.082	127	30	23	38	KED
⎣	**As**	**75**	**0.003**	ug/L	0.003	95	2	3	24	KED
	Y	**89**		ug/L			828685	770458	1	Standard
	Kr	**83**		ug/L			353	302	11	Standard
⎡>	**In-1**	**115**		ug/L			27902	27828	0	KED
⎢	**Mo**	**98**	**0.019**	ug/L	0.005	27	10	43	21	KED
⎢	**Cd**	**111**	**0.003**	ug/L	0.002	72	2	3	25	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.002	148	2	3	52	KED
⎡>	**In**	**115**		ug/L			1670064	1527166	0	Standard
⎢	**Ba**	**135**	**0.001**	ug/L	0.001	64	40	42	9	Standard
⎣	**Ba**	**137**	**-0.000**	ug/L	0.001	215	71	60	14	Standard
⎡>	**Tb**	**159**		ug/L			2611984	2463511	1	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	23	466	517	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:37:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	48926	0	Standard
	Cl	**37**		ug/L			7496020	7660020	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1717449	1	Standard
|	**Cr**	**52**	**0.077**	ug/L	0.016	21	17371	20858	1	Standard
|	**Cr**	**53**	**0.029**	ug/L	0.004	14	153	271	4	Standard
|	**Fe**	**54**	**78.905**	ug/L	2.882	3	99852	336341	1	Standard
|	**Fe**	**57**	**-0.396**	ug/L	0.524	132	17290	18063	2	Standard
⌊	**Mn**	**55**	**0.048**	ug/L	0.003	7	822	2970	4	Standard
⌈>	**Ge**	**72**		ug/L			89201	91580	0	KED
|	**Ni**	**60**	**0.050**	ug/L	0.008	15	17	95	13	KED
|	**Ni**	**62**	**0.046**	ug/L	0.012	27	6	18	15	KED
|	**Cu**	**63**	**0.082**	ug/L	0.009	11	64	422	8	KED
|	**Cu**	**65**	**0.075**	ug/L	0.006	7	46	212	5	KED
|	**Zn**	**66**	**0.591**	ug/L	0.071	11	174	581	7	KED
|	**Zn**	**67**	**0.650**	ug/L	0.106	16	30	102	11	KED
⌊	**As**	**75**	**0.008**	ug/L	0.002	19	2	4	11	KED
	Y	**89**		ug/L			828685	902437	1	Standard
	Kr	**83**		ug/L			353	352	8	Standard
⌈>	**In-1**	**115**		ug/L			27902	29430	1	KED
|	**Mo**	**98**	**0.000**	ug/L	0.003	1665	10	11	45	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.003	315	2	2	65	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	974	2	2	43	KED
⌈>	**In**	**115**		ug/L			1670064	1753530	1	Standard
|	**Ba**	**135**	**0.039**	ug/L	0.002	6	40	385	6	Standard
⌊	**Ba**	**137**	**0.034**	ug/L	0.002	5	71	599	5	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2706354	0	Standard
⌊	**Pb**	**208**	**0.026**	ug/L	0.003	11	466	3756	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:41:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	49122	1	Standard
	Cl	**37**		ug/L			7496020	7596557	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1715895	1	Standard
|	**Cr**	**52**	**0.065**	ug/L	0.019	28	17371	20493	1	Standard
|	**Cr**	**53**	**0.023**	ug/L	0.005	19	153	247	5	Standard
|	**Fe**	**54**	**79.033**	ug/L	0.950	1	99852	336429	1	Standard
|	**Fe**	**57**	**-0.985**	ug/L	0.345	34	17290	17403	0	Standard
⌊	**Mn**	**55**	**0.047**	ug/L	0.001	1	822	2950	3	Standard
⌈>	**Ge**	**72**		ug/L			89201	90395	0	KED
|	**Ni**	**60**	**0.053**	ug/L	0.014	26	17	98	21	KED
|	**Ni**	**62**	**0.041**	ug/L	0.023	56	6	17	33	KED
|	**Cu**	**63**	**0.091**	ug/L	0.005	5	64	453	5	KED
|	**Cu**	**65**	**0.068**	ug/L	0.004	5	46	193	3	KED
|	**Zn**	**66**	**0.622**	ug/L	0.048	7	174	594	5	KED
|	**Zn**	**67**	**0.505**	ug/L	0.148	29	30	85	18	KED
⌊	**As**	**75**	**0.004**	ug/L	0.002	44	2	3	15	KED
	Y	**89**		ug/L			828685	905625	1	Standard
	Kr	**83**		ug/L			353	333	12	Standard
⌈>	**In-1**	**115**		ug/L			27902	29221	0	KED
|	**Mo**	**98**	**0.003**	ug/L	0.001	50	10	15	14	KED
|	**Cd**	**111**	**0.001**	ug/L	0.003	280	2	3	45	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	90	2	3	30	KED
⌈>	**In**	**115**		ug/L			1670064	1763207	0	Standard
|	**Ba**	**135**	**0.035**	ug/L	0.001	3	40	347	3	Standard
⌊	**Ba**	**137**	**0.034**	ug/L	0.002	6	71	600	5	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2729664	0	Standard
⌊	**Pb**	**208**	**0.025**	ug/L	0.001	3	466	3610	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:44:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	49831	1	Standard
	Cl	**37**		ug/L			7496020	7575521	0	Standard
>	**Sc**	**45**		ug/L			1605108	1718098	2	Standard
	Cr	**52**	**0.066**	ug/L	0.031	47	17371	20523	2	Standard
	Cr	**53**	**0.020**	ug/L	0.003	14	153	237	6	Standard
	Fe	**54**	**79.731**	ug/L	1.960	2	99852	338833	0	Standard
	Fe	**57**	**-1.109**	ug/L	0.615	55	17290	17283	1	Standard
	Mn	**55**	**0.046**	ug/L	0.002	4	822	2913	1	Standard
>	**Ge**	**72**		ug/L			89201	89708	2	KED
	Ni	**60**	**0.049**	ug/L	0.007	14	17	91	9	KED
	Ni	**62**	**0.039**	ug/L	0.027	68	6	16	40	KED
	Cu	**63**	**0.091**	ug/L	0.005	5	64	452	4	KED
	Cu	**65**	**0.077**	ug/L	0.007	9	46	212	9	KED
	Zn	**66**	**0.588**	ug/L	0.061	10	174	566	5	KED
	Zn	**67**	**0.460**	ug/L	0.136	29	30	80	16	KED
	As	**75**	**0.012**	ug/L	0.005	46	2	5	30	KED
	Y	**89**		ug/L			828685	888840	1	Standard
	Kr	**83**		ug/L			353	320	1	Standard
>	**In-1**	**115**		ug/L			27902	28987	0	KED
	Mo	**98**	**0.000**	ug/L	0.005	1780	10	11	75	KED
	Cd	**111**	**0.001**	ug/L	0.005	900	2	2	66	KED
	Cd	**114**	**-0.001**	ug/L	0.002	156	2	1	146	KED
>	**In**	**115**		ug/L			1670064	1739696	0	Standard
	Ba	**135**	**0.032**	ug/L	0.005	15	40	319	14	Standard
	Ba	**137**	**0.035**	ug/L	0.002	5	71	610	5	Standard
>	**Tb**	**159**		ug/L			2611984	2720401	1	Standard
	Pb	**208**	**0.024**	ug/L	0.001	3	466	3436	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:48:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	25982	1	Standard
	Cl	**37**		ug/L			7496020	7440562	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1404067	0	Standard
|	**Cr**	**52**	**0.025**	ug/L	0.013	54	17371	15791	1	Standard
|	**Cr**	**53**	**-0.009**	ug/L	0.002	20	153	105	5	Standard
|	**Fe**	**54**	**-22.256**	ug/L	0.027	0	99852	34412	0	Standard
|	**Fe**	**57**	**-0.798**	ug/L	0.233	29	17290	14412	1	Standard
⌊	**Mn**	**55**	**-0.012**	ug/L	0.000	2	822	302	3	Standard
⌈>	**Ge**	**72**		ug/L			89201	89628	0	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.001	25	17	8	24	KED
|	**Ni**	**62**	**-0.011**	ug/L	0.012	112	6	4	65	KED
|	**Cu**	**63**	**0.007**	ug/L	0.005	71	64	96	22	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.003	151	46	43	13	KED
|	**Zn**	**66**	**0.011**	ug/L	0.024	219	174	182	9	KED
|	**Zn**	**67**	**0.010**	ug/L	0.045	428	30	31	15	KED
⌊	**As**	**75**	**0.001**	ug/L	0.002	155	2	2	26	KED
	Y	**89**		ug/L			828685	738194	1	Standard
	Kr	**83**		ug/L			353	294	5	Standard
⌈>	**In-1**	**115**		ug/L			27902	26420	1	KED
|	**Mo**	**98**	**-0.003**	ug/L	0.002	72	10	5	59	KED
|	**Cd**	**111**	**0.001**	ug/L	0.004	358	2	2	57	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.000	10	2	1	4	KED
⌈>	**In**	**115**		ug/L			1670064	1471142	2	Standard
|	**Ba**	**135**	**-0.003**	ug/L	0.000	14	40	14	19	Standard
⌊	**Ba**	**137**	**-0.003**	ug/L	0.000	8	71	19	20	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2368398	1	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	11	466	264	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:52:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	25106	0	Standard
	Cl	**37**		ug/L			7496020	7499068	1	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1391819	5	Standard
|	**Cr**	**52**	**0.042**	ug/L	0.024	57	17371	16037	2	Standard
|	**Cr**	**53**	**-0.008**	ug/L	0.004	48	153	108	6	Standard
|	**Fe**	**54**	**-22.451**	ug/L	0.502	2	99852	33609	2	Standard
|	**Fe**	**57**	**-0.602**	ug/L	0.834	138	17290	14434	2	Standard
⌊	**Mn**	**55**	**-0.012**	ug/L	0.000	2	822	293	2	Standard
⌈>	**Ge**	**72**		ug/L			89201	87800	2	KED
|	**Ni**	**60**	**-0.007**	ug/L	0.002	37	17	7	50	KED
|	**Ni**	**62**	**-0.024**	ug/L	0.005	19	6	1	86	KED
|	**Cu**	**63**	**0.007**	ug/L	0.003	39	64	93	13	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.003	79	46	38	15	KED
|	**Zn**	**66**	**0.036**	ug/L	0.030	83	174	194	7	KED
|	**Zn**	**67**	**-0.050**	ug/L	0.012	23	30	24	7	KED
⌊	**As**	**75**	**0.003**	ug/L	0.004	131	2	3	36	KED
	Y	**89**		ug/L			828685	730221	3	Standard
	Kr	**83**		ug/L			353	300	14	Standard
⌈>	**In-1**	**115**		ug/L			27902	26378	2	KED
|	**Mo**	**98**	**-0.005**	ug/L	0.002	39	10	1	173	KED
|	**Cd**	**111**	**0.004**	ug/L	0.004	111	2	3	43	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.002	456	2	1	104	KED
⌈>	**In**	**115**		ug/L			1670064	1474544	3	Standard
|	**Ba**	**135**	**-0.003**	ug/L	0.001	27	40	12	48	Standard
⌊	**Ba**	**137**	**-0.003**	ug/L	0.000	8	71	19	20	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2339757	3	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	14	466	245	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 30, 2021 06:56:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23891	25327	2	Standard
	Cl	**37**		ug/L			7496020	7499214	0	Standard
⌈>	**Sc**	**45**		ug/L			1605108	1412973	2	Standard
|	**Cr**	**52**	**0.034**	ug/L	0.021	61	17371	16108	0	Standard
|	**Cr**	**53**	**-0.009**	ug/L	0.004	47	153	108	9	Standard
|	**Fe**	**54**	**-22.699**	ug/L	0.355	1	99852	33558	1	Standard
|	**Fe**	**57**	**-1.038**	ug/L	0.225	21	17290	14284	0	Standard
⌊	**Mn**	**55**	**-0.012**	ug/L	0.000	1	822	301	0	Standard
⌈>	**Ge**	**72**		ug/L			89201	87927	1	KED
|	**Ni**	**60**	**-0.007**	ug/L	0.001	18	17	7	25	KED
|	**Ni**	**62**	**-0.016**	ug/L	0.017	108	6	3	124	KED
|	**Cu**	**63**	**0.004**	ug/L	0.002	47	64	81	10	KED
|	**Cu**	**65**	**-0.005**	ug/L	0.005	103	46	36	25	KED
|	**Zn**	**66**	**-0.005**	ug/L	0.012	246	174	168	5	KED
|	**Zn**	**67**	**0.011**	ug/L	0.071	666	30	31	23	KED
⌊	**As**	**75**	**0.003**	ug/L	0.001	34	2	3	9	KED
	Y	**89**		ug/L			828685	741783	0	Standard
	Kr	**83**		ug/L			353	320	1	Standard
⌈>	**In-1**	**115**		ug/L			27902	26820	1	KED
|	**Mo**	**98**	**-0.003**	ug/L	0.002	51	10	4	67	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.004	716	2	2	65	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	129	2	3	49	KED
⌈>	**In**	**115**		ug/L			1670064	1484473	1	Standard
|	**Ba**	**135**	**-0.002**	ug/L	0.001	40	40	19	34	Standard
⌊	**Ba**	**137**	**-0.003**	ug/L	0.000	15	71	22	27	Standard
⌈>	**Tb**	**159**		ug/L			2611984	2364506	0	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	18	466	243	13	Standard

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EG00050
Instrument: ICPMS1
Calibration Date: 07/15/2021 14:19

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Aluminum-27	0	0	20	29805.85	1000	26376.16	2000	26746.68	5000	26021.08	10000	25688.52
Calcium-44	0	0	50	1892.02	1000	1642.039	2000	1442.321	5000	1402.967	10000	1378.272
Iron-54	0	0	36	4856.222	1000	2422.341	2000	2334.843	5000	2256.802	10000	2184.434
Iron-57	0	0	36	1685.861	1000	1028.977	2000	957.48	5000	905.09	10000	891.806
Potassium-39	0	0	20	27642.45	1000	9472.473	2000	9092.525	5000	8941.856	10000	8845.449
Magnesium-24	0	0	20	32649.15	1000	29376.69	2000	29380.54	5000	28370.36	10000	27723.03
Manganese-55	0	0	0.5	55788	10	53657.9	20	53421.8	50	47324.5	100	45754.89
Sodium-23	0	0	100	21012.12	1000	20625.25	2000	20492.34	5000	19980.94	10000	19913.69
Aluminum-27, Dissolved	0	0	20	29805.85	1000	26376.16	2000	26746.68	5000	26021.08	10000	25688.52
Calcium-44, Dissolved	0	0	50	1892.02	1000	1642.039	2000	1442.321	5000	1402.967	10000	1378.272
Iron-54, Dissolved	0	0	36	4856.222	1000	2422.341	2000	2334.843	5000	2256.802	10000	2184.434
Iron-57, Dissolved	0	0	36	1685.861	1000	1028.977	2000	957.48	5000	905.09	10000	891.806
Potassium-39, Dissolved	0	0	20	27642.45	1000	9472.473	2000	9092.525	5000	8941.856	10000	8845.449
Magnesium-24, Dissolved	0	0	20	32649.15	1000	29376.69	2000	29380.54	5000	28370.36	10000	27723.03
Manganese-55, Dissolved	0	0	0.5	55788	10	53657.9	20	53421.8	50	47324.5	100	45754.89
Sodium-23, Dissolved	0	0	100	21012.12	1000	20625.25	2000	20492.34	5000	19980.94	10000	19913.69

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EG00050	Instrument:	ICPMS1
Calibration Date:	07/15/2021 14:19		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Aluminum-27	22439.71	49.4	0.9999		0.998	
Calcium-44	1292.937	51.2	0.9997		0.998	
Iron-54	2342.44	65.7	0.9997		0.998	
Iron-57	911.5357	59.0	0.9998		0.998	
Potassium-39	10665.79	85.1	1.0000		0.998	
Magnesium-24	24583.3	49.5	0.9998		0.998	
Manganese-55	42657.85	49.8	0.9988		0.998	
Sodium-23	17004.06	49.0	1.0000		0.998	
Aluminum-27, Dissolved	22439.71	49.4	0.9999		0.998	
Calcium-44, Dissolved	1292.937	51.2	0.9997		0.998	
Iron-54, Dissolved	2342.44	65.7	0.9997		0.998	
Iron-57, Dissolved	911.5357	59.0	0.9998		0.998	
Potassium-39, Dissolved	10665.79	85.1	1.0000		0.998	
Magnesium-24, Dissolved	24583.3	49.5	0.9998		0.998	
Manganese-55, Dissolved	42657.85	49.8	0.9988		0.998	
Sodium-23, Dissolved	17004.06	49.0	1.0000		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 Analyst: MB Sequence: 55GΦ2ΦΦ Cal: EGΦΦΦ5Φ

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ - CAL1	J7147		
		-CAL2	J7148		
		-CAL3	J7149		
		-CAL4	J715Φ		
		-CAL5	J7119		
		-CAL6	J7151		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J7147		
		-CCV1	J7119		
		-CCB1	J7147		
		-CRL1	J7148		
		-IFA1	J7152		Cr^{53} ↑
		-IFB1	J7153		↓
		-HCV1	J6678		
		-HCV2	J6918		
		-IBL2&3	—		
		-CCV2			
		-CCB2			
		BJGΦ337-BLK1	REN		Mn^{55} ↑ - Affected Sample OK to report per PM
		-BS1			↓
	✓	-BLK1			
	✓	-BS1			
	✓	21GΦ15Φ-Φ1		5	Missed tube.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 Analyst: MB Sequence: ——— Cal: ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21GΦ15Φ-Φ1	REN	5	
		21GΦΦ61-Φ1	↓	20	
		21GΦΦ53-Φ1	↓		
		SEQ-IBL4			
		-CCV3			
		-CCB3			
	✓	-CAL1			Cd, Cr, Cu, Ni, Pb Removed from method
		-CCV4			
		-CCB4			
		BJFΦ654-BLK3	REN		Na only
		-BS3	↓		↓
		BJFΦ655-BLK4	↓		↓
		-BS4	↓		↓
		21FΦ123-19	↓		↓
		-Φ1	↓		Mg, Na only
		BJFΦ655-DUP3	↓		↓
		-MS3	↓		↓
		-MSD3	↓		↓
		SEQ-IBL5			
		-CCV5			
		-CCB5			
		21FΦ123-11	REN	10	Mg, Mn, Na only
		-14	↓	↓	↓
		-15	↓	↓	↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-26	REN	10	Mg, Mn, Na only
		-27	↓	↓	↓
		-18	↓	↓	↓
#2 → #3		BJFΦ654-DUP	↓	↓	↓
↓		-MS	↓	↓	Mn STL ↓
↓		-MSD	↓	↓	↓
		SEQ-IBL6			
		-CCV6			
		-CCB6			
		21FΦ123-Φ2	REN	5	Mg, Mn, Na only
		-12	↓	↓	↓
		-16	↓	↓	↓
		-24	↓	↓	↓
		-10	↓	↓	Ca, Mg, Na only
		-13	↓	↓	↓
		-25	↓	↓	↓
		-28	↓	↓	↓
		-32	↓	↓	↓
		SEQ-IBL7			
		-CCV7			
		-CCB7			
REI		21FΦ123-Φ3REI	REN	10	Ca only
↓		-Φ4REI	↓	↓	↓
		-17	↓	↓	Ca, Fe, K, Mg, Mn, Na only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-23	REN	5	Mg, Na, Zn only
		-34	↓	↓	Ca, Mg, Mn, Na only
		-Φ5	↓	↓	Ca, Na only
		B5FΦ556-DUP3	↓	↓	↓
		-MS3	↓	↓	Ca STL
		-MSD3	↓	↓	↓
		SEQ-IBL8			Tube Empty
		-CCV8			
		-CCB8			
		21FΦ123-21	REN	2	Mg, Na only
		-Φ3	↓	↓	Ca ↑ Fe, K, Mg, Na only / Ca NR
		-Φ4	↓	↓	↓ ↓ ↓
		SEQ-IBL9			
	✓	21FΦ123-Φ6	REN		Missed Tube
		-Φ7	↓		Ca, Fe, K, Mg, Na only
		-Φ8	↓		↓
		-2Φ	↓		↓
		-36	↓		↓
		SEQ-IBLA			
		-CCV9			
		-CCB9			
	✓	-CAL1			
		-CCVA			
		-CCBA			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MS 7/15/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
#1→#2 ↓		BJFΦG19-BLK#2	REN		Ca, K, Mg, Na only ↓
		↓ -BS#2			
		21FΦ123-Φ6			Ca, Fe, K, Mg, Na only
		-37			↓
		-38			
		-39			
		-4Φ			
		-41			
		↓ -42			Ca↑ Fe, K, Mg, Na only
		SEQ-IBLB			
		-CCVB			
		↓ -CCBB			
		21FΦ123-Φ9	REN		Mg, Na only
		-22			↓
		-29			
		-3Φ			
		-31			
		-33			
		↓ -35			↓
F→G		21GΦΦ46-Φ1		5	Mn only
		BJGΦ3Φ8-DUP2		↓	↓
		↓ -MS2	↓		Mn STL ↓
		SEQ-CCVC			
		↓ -CCBC			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 7/15/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ13Φ-2Φ	REN		Al, Ca, Fe, K, Mg, Na only
		↓ -Φ5		2	Fe, Mg, Na only
		BJFΦ52Φ-DUP6			
		-MS6			
		↓ -MSD6			
		21FΦ139-Φ2		5	Al, Ca, K, Mg, Mn, Na only
		BJFΦ52Φ-DUP3			
		-MS3			Mn STL
		↓ -MSD3			
		SEQ-IBLC			
		-CCVD			
		-CCBD			
	✓	-CAL1			
		-CCVE			
		↓ -CCBE			
		BJGΦ3Φ6-BLK1	REN		Sc noisy - 2R Analytes OK
		↓ -BS1			
		21FΦ13Φ-35			Al, Ca, Fe, K, Mg, Na only
		-39			↓
		-4Φ			Ca, Fe, K, Mg, Na only
		↓ -21			Al, Ca, Fe, K, Mg, Na only
		BJFΦ617-DUP2			
		-MS2			
		↓ -MSD2			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 7/15/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLD			
		-CCVF			
		-CCBF			
		21FΦ13Φ-5Φ	REN		Al, Ca, Fe, K, Mg, Na only
		-2S			
		BJFΦ615-DUP2			
		-MS2			
		-MSD2			
		21FΦ13Φ-17			Al, Ca, K, Mg, Mn, Na, ~~+ Zn~~
		BJFΦ619-DUP2			Zn only
		-MS2			Ca, Mn %R ↓
		-MSD2			
		SEQ-IBLE			
		-CCVG			
		-CCBG			
		21FΦ397-Φ1	REN	100	Mn only
		21GΦΦ88-Φ2			Fe only
		-Φ4			
		-Φ6			
		-Φ8			
		21FΦ196-2Φ			Al, Ca, K, Mg, Mn, Na only
		BJFΦ755-DUP2			Mn diff > RPD
		-MS2			
		-MSD2			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLF			
		-CCVH			
		-CCBH			
		ZIFΦ397-Φ5	REN	10	Mn only
		-Φ7		↓	↓
		-Φ3		50	
		-Φ2		2	Fe only
		-Φ4			
		-Φ6			
		-Φ8			
		BJGΦ3Φ6-OUP1			
		-MS1			
		SEQ-IBLG			
		-CCVI			
		-CCBI			
		Rinse/OI			
				MB 7/15/21	

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, July 15, 2021 13:06:21
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11279
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8982.3	8982.290	98.280	1.1	Standard
	In	114.9	103296.9	-1378558.882	1835.786	0.1	Standard
	U	238.1	133342.7	133342.673	3033.159	2.3	Standard
⌈	CeO	155.9	2979.3	0.020	0.000	1.1	Standard
| >	Ce	139.9	150557.3	150557.339	2705.321	1.8	Standard
⌊	Ce++	70.0	1527.1	0.010	0.000	3.5	Standard
	Bkgd	220.0	8.6	8.633	7.853	91.0	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.95	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/15/2021 1:06:13 PM
End Time: 7/15/2021 1:16:35 PM

STD Performance Check - [Failed]
Obtained Intensity (Be 9): 8982.29
Obtained Intensity (In 115): 103296.94
Obtained Intensity (U 238): 133342.67
Obtained Intensity (Bkgd 220): 8.63 - <Target not achieved>
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1527.15 / 150557.34)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2979.31 / 150557.34)

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.21 mm	-1.14 mm	114626.03

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.95
Obtained Intensity (In 115): 121735.48
Obtained Formula (CeO 156 / Ce 140): 0.0221 (=3705.48 / 167669.21)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.714)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.725)
Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.713)
Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.695)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.980; Intercept = -13.15

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -12.84

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/15/2021 1:06:13 PM

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 1
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 8982.29
                Obtained Intensity (In 115): 103296.94
                Obtained Intensity (U 238): 133342.67
                Obtained Intensity (Bkgd 220): 8.63 - <Target not achieved>
                Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1527.15 / 150557.34)
                Obtained Formula (CeO 156 / Ce 140): 0.020 (=2979.31 / 150557.34)

                [Failed]
[Failed]

Torch Alignment
        Optimization Settings:
                Method: Torch Alignment.mth.
                Intensity Criterion: In 115 Maximum

        Optimization Results:
                Vertical      Horizontal      Intensity
[Passed]        2.21 mm     -1.14 mm       114626.03

Nebulizer Gas Flow STD/KED [NEB]
        Optimization Settings:
                Method: Optimize.mth.
                        Initial Try - Start/End/Step: 0.9/1/0.01.
                Intensity Criterion: In 115 Maximum
                Formula Criterion: CeO 156 / Ce 140 <= 0.023

        Optimization Results:
        Initial Try

                Obtained Intensity (In 115): 121735.48
                Obtained Formula (CeO 156 / Ce 140): 0.0221 (=3705.48 / 167669.21)
[Passed]  Optimum value(s): 0.95

Mass Calibration and Resolution
        Optimization Settings:
                Method: Tuning.mth.
                MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
                Iterations: 6
```

```
                Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
                Peak height (%) for Res. Opt.: 10

        Optimization Results:
        Initial Try
                Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.714)
                Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.725)
                Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.713)
                Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.695)
[Passed]  Optimum value(s): N/A

QID STD/DRC
        Optimization Settings:
                Method: QID Calibration.mth.
                        Initial Try - Start/End/Step: -20/0/0.5.

        Optimization Results:
        Initial Try

  Optimum value(s): Correlation Coefficient = 0.980; Intercept = -13.15

        Analyte      Mass    Points       DAC   MaxIntensity

             Li         7        41       -13        34465.5
             Mg        24        41       -13        54218.7
             In       115        41       -11         127793
             Ce       140        41       -11         166679
             Pb       208        41      -9.5        82187.7
              U       238        41       -10         143182

KED Mode QID
        Optimization Settings:
                Method: QID Calibration.mth.
                        Initial Try - Start/End/Step: -20/0/0.5.

        Optimization Results:
        Initial Try

  Optimum value(s): Correlation Coefficient = 0.999; Intercept = -12.84

        Analyte      Mass    Points       DAC   MaxIntensity

             Li         7        41       -13          23303
             Mg        24        41       -13        52199.2
             In       115        41     -10.5         123040
             Ce       140        41       -10         112687
             Pb       208        41       -10        48578.5
              U       238        41      -9.5        98417.8

End Time: 7/15/2021 1:16:35 PM
```

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/15/2021 1:26:51 PM
End Time: 7/15/2021 1:27:57 PM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.994; Intercept = -13.49

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/15/2021 1:26:51 PM

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.994; Intercept = -13.49

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	34589.8
Mg	24	41	-13.5	52873.7
In	115	41	-11	125957
Ce	140	41	-11	167274
Pb	208	41	-10.5	83507.4
U	238	41	-10	152425

End Time: 7/15/2021 1:27:57 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/15/2021 1:28:06 PM
End Time: 7/15/2021 1:30:12 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 9475.61
Obtained Intensity (In 115): 116569.04
Obtained Intensity (U 238): 150160.31
Obtained Intensity (Bkgd 220): 1.07
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1533.48 / 160545.20)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=3316.05 / 160545.20)
Obtained RSD (Be 9): 0.0115
Obtained RSD (In 115): 0.0111
Obtained RSD (U 238): 0.0089

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/15/2021 1:28:06 PM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 9475.61
		Obtained Intensity (In 115): 116569.04
		Obtained Intensity (U 238): 150160.31
		Obtained Intensity (Bkgd 220): 1.07
		Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1533.48 / 160545.20)
		Obtained Formula (CeO 156 / Ce 140): 0.021 (=3316.05 / 160545.20)
		Obtained RSD (Be 9): 0.0115
		Obtained RSD (In 115): 0.0111
		Obtained RSD (U 238): 0.0089

[Passed] Optimum value(s): N/A

End Time: 7/15/2021 1:30:12 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, July 15, 2021 13:28:07
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11290
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9475.6	9475.609	109.205	1.2	Standard
	In	114.9	116569.0	116569.039	1289.582	1.1	Standard
	U	238.1	150160.3	150160.307	1330.658	0.9	Standard
⌈	CeO	155.9	3316.1	0.021	0.000	1.6	Standard
| >	Ce	139.9	160545.2	160545.204	1490.484	0.9	Standard
⌊	Ce++	70.0	1533.5	0.010	0.000	1.7	Standard
	Bkgd	220.0	1.1	1.067	0.805	75.4	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.95	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:19:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				35757	1	Standard
	Cl	**37**		ug/L				7252120	0	Standard
⌈>	**Sc**	**45**		ug/L				1742374	0	Standard
|	**Na**	**23**		ug/L				50260	1	Standard
|	**Mg**	**24**		ug/L				3488	2	Standard
|	**Al**	**27**		ug/L				8890	1	Standard
|	**K**	**39**		ug/L				350271	0	Standard
|	**Ca**	**44**		ug/L				16834	0	Standard
|	**Cr**	**52**		ug/L				28003	0	Standard
|	**Cr**	**53**		ug/L				372	3	Standard
|	**Fe**	**54**		ug/L				83366	0	Standard
|	**Fe**	**57**		ug/L				25333	0	Standard
⌊	**Mn**	**55**		ug/L				1266	3	Standard
⌈>	**Ge**	**72**		ug/L				116200	1	KED
|	**Ni**	**60**		ug/L				31	18	KED
|	**Ni**	**62**		ug/L				7	50	KED
|	**Cu**	**63**		ug/L				140	15	KED
|	**Cu**	**65**		ug/L				73	12	KED
|	**Zn**	**66**		ug/L				255	9	KED
⌊	**Zn**	**67**		ug/L				37	25	KED
	Y	**89**		ug/L				881699	0	Standard
	Kr	**83**		ug/L				348	3	Standard
⌈>	**In-1**	**115**		ug/L				37498	2	KED
|	**Cd**	**111**		ug/L				4	81	KED
⌊	**Cd**	**114**		ug/L				4	63	KED
⌈>	**Tb**	**159**		ug/L				2983616	1	Standard
⌊	**Pb**	**208**		ug/L				547	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:23:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	38962	0	Standard
	Cl	**37**		ug/L			7252120	7272682	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1766641	0	Standard
|	**Na**	**23**	**100.000**	ug/L	0.585	0	50260	2101212	0	Standard
|	**Mg**	**24**	**20.000**	ug/L	0.114	0	3488	652983	0	Standard
|	**Al**	**27**	**20.000**	ug/L	0.208	1	8890	596117	0	Standard
|	**K**	**39**	**20.000**	ug/L	0.106	0	350271	552849	0	Standard
|	**Ca**	**44**	**50.000**	ug/L	0.616	1	16834	94601	1	Standard
|	**Cr**	**52**	**0.500**	ug/L	0.006	1	28003	44665	0	Standard
|	**Cr**	**53**	**0.500**	ug/L	0.013	2	372	2343	1	Standard
|	**Fe**	**54**	**36.000**	ug/L	0.344	0	83366	174824	0	Standard
|	**Fe**	**57**	**36.000**	ug/L	0.478	1	25333	60691	0	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.007	1	1266	27894	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	122586	1	KED
|	**Ni**	**60**	**0.500**	ug/L	0.031	6	31	1008	4	KED
|	**Ni**	**62**	**0.500**	ug/L	0.074	14	7	172	15	KED
|	**Cu**	**63**	**0.500**	ug/L	0.019	3	140	3158	2	KED
|	**Cu**	**65**	**0.500**	ug/L	0.023	4	73	1537	4	KED
|	**Zn**	**66**	**6.000**	ug/L	0.202	3	255	6065	1	KED
⌊	**Zn**	**67**	**6.000**	ug/L	0.449	7	37	940	7	KED
	Y	**89**		ug/L			881699	896578	0	Standard
	Kr	**83**		ug/L			348	358	2	Standard
⌈>	**In-1**	**115**		ug/L			37498	37089	2	KED
|	**Cd**	**111**	**0.100**	ug/L	0.006	5	4	62	6	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.011	10	4	140	8	KED
⌈>	**Tb**	**159**		ug/L			2983616	2981838	0	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.002	1	547	18733	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:27:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	46239	0	Standard
	Cl	**37**		ug/L			7252120	7422872	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1796783	0	Standard
|	**Na**	**23**	**999.866**	ug/L	5.592	0	50260	20625246	0	Standard
|	**Mg**	**24**	**999.950**	ug/L	7.582	0	3488	29376689	0	Standard
|	**Al**	**27**	**999.947**	ug/L	26.742	2	8890	26376165	2	Standard
|	**K**	**39**	**999.959**	ug/L	17.055	1	350271	9472473	1	Standard
|	**Ca**	**44**	**1000.073**	ug/L	10.936	1	16834	1642039	1	Standard
|	**Cr**	**52**	**10.001**	ug/L	0.092	0	28003	376794	1	Standard
|	**Cr**	**53**	**10.001**	ug/L	0.060	0	372	41277	0	Standard
|	**Fe**	**54**	**999.881**	ug/L	17.048	1	83366	2422341	0	Standard
|	**Fe**	**57**	**1000.018**	ug/L	15.467	1	25333	1028977	0	Standard
⌊	**Mn**	**55**	**10.000**	ug/L	0.117	1	1266	536579	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	124498	0	KED
|	**Ni**	**60**	**10.001**	ug/L	0.140	1	31	20751	1	KED
|	**Ni**	**62**	**10.000**	ug/L	0.407	4	7	3369	3	KED
|	**Cu**	**63**	**10.000**	ug/L	0.072	0	140	60850	0	KED
|	**Cu**	**65**	**10.000**	ug/L	0.276	2	73	29736	3	KED
|	**Zn**	**66**	**10.000**	ug/L	0.145	1	255	10089	2	KED
⌊	**Zn**	**67**	**10.234**	ug/L	0.190	1	37	1710	2	KED
	Y	**89**		ug/L			881699	905362	0	Standard
	Kr	**83**		ug/L			348	366	6	Standard
⌈>	**In-1**	**115**		ug/L			37498	37040	1	KED
|	**Cd**	**111**	**10.000**	ug/L	0.178	1	4	5361	1	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.136	1	4	13558	1	KED
⌈>	**Tb**	**159**		ug/L			2983616	3063531	1	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.127	1	547	1255618	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:32:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	46343	1	Standard
	Cl	**37**		ug/L			7252120	7654913	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1788542	0	Standard
|	**Na**	**23**	**1999.670**	ug/L	27.346	1	50260	40984692	1	Standard
|	**Mg**	**24**	**2001.870**	ug/L	33.487	1	3488	58761090	1	Standard
|	**Al**	**27**	**2007.437**	ug/L	26.498	1	8890	53493354	0	Standard
|	**K**	**39**	**1992.979**	ug/L	15.453	0	350271	18185054	0	Standard
|	**Ca**	**44**	**1950.039**	ug/L	12.653	0	16834	2884642	0	Standard
|	**Cr**	**52**	**19.986**	ug/L	0.214	1	28003	718941	0	Standard
|	**Cr**	**53**	**20.002**	ug/L	0.381	1	372	81830	1	Standard
|	**Fe**	**54**	**1994.084**	ug/L	33.379	1	83366	4669686	1	Standard
|	**Fe**	**57**	**1977.452**	ug/L	31.897	1	25333	1914960	1	Standard
⌊	**Mn**	**55**	**20.006**	ug/L	0.196	0	1266	1068436	0	Standard
⌈>	**Ge**	**72**		ug/L			116200	122675	1	KED
|	**Ni**	**60**	**19.981**	ug/L	0.353	1	31	40663	1	KED
|	**Ni**	**62**	**20.003**	ug/L	0.371	1	7	6639	2	KED
|	**Cu**	**63**	**20.070**	ug/L	0.123	0	140	121902	1	KED
|	**Cu**	**65**	**20.129**	ug/L	0.137	0	73	60449	1	KED
|	**Zn**	**66**	**19.582**	ug/L	0.396	2	255	18109	0	KED
⌊	**Zn**	**67**	**19.821**	ug/L	0.602	3	37	3144	1	KED
	Y	**89**		ug/L			881699	902554	0	Standard
	Kr	**83**		ug/L			348	337	8	Standard
⌈>	**In-1**	**115**		ug/L			37498	37063	0	KED
|	**Cd**	**111**	**19.936**	ug/L	0.343	1	4	10555	1	KED
⌊	**Cd**	**114**	**19.970**	ug/L	0.185	0	4	26930	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	3048136	0	Standard
⌊	**Pb**	**208**	**19.999**	ug/L	0.438	2	547	2497564	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:36:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	37073	1	Standard
	Cl	**37**		ug/L			7252120	7598079	2	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1761496	0	Standard
|	**Na**	**23**	**4992.119**	ug/L	59.524	1	50260	99904685	1	Standard
|	**Mg**	**24**	**4984.294**	ug/L	62.589	1	3488	141851823	0	Standard
|	**Al**	**27**	**4992.871**	ug/L	40.937	0	8890	130105437	1	Standard
|	**K**	**39**	**5005.812**	ug/L	16.226	0	350271	44709282	0	Standard
|	**Ca**	**44**	**4971.190**	ug/L	45.424	0	16834	7014835	1	Standard
|	**Cr**	**52**	**49.943**	ug/L	0.483	0	28003	1717298	0	Standard
|	**Cr**	**53**	**49.967**	ug/L	0.627	1	372	200119	0	Standard
|	**Fe**	**54**	**4991.001**	ug/L	29.044	0	83366	11284014	0	Standard
|	**Fe**	**57**	**4962.423**	ug/L	35.464	0	25333	4525450	0	Standard
⌊	**Mn**	**55**	**49.093**	ug/L	0.567	1	1266	2366225	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	119514	0	KED
|	**Ni**	**60**	**49.947**	ug/L	0.325	0	31	98465	0	KED
|	**Ni**	**62**	**49.944**	ug/L	0.201	0	7	16047	0	KED
|	**Cu**	**63**	**49.649**	ug/L	0.170	0	140	283626	0	KED
|	**Cu**	**65**	**49.735**	ug/L	0.205	0	73	141650	0	KED
|	**Zn**	**66**	**49.746**	ug/L	1.161	2	255	43398	2	KED
⌊	**Zn**	**67**	**49.278**	ug/L	1.023	2	37	7086	1	KED
	Y	**89**		ug/L			881699	883239	0	Standard
	Kr	**83**		ug/L			348	364	4	Standard
⌈>	**In-1**	**115**		ug/L			37498	35929	1	KED
|	**Cd**	**111**	**49.937**	ug/L	0.821	1	4	25461	0	KED
⌊	**Cd**	**114**	**50.015**	ug/L	0.721	1	4	65468	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	3027445	0	Standard
⌊	**Pb**	**208**	**49.609**	ug/L	0.133	0	547	5921562	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:42:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	42553	0	Standard
	Cl	**37**		ug/L			7252120	7444251	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1710705	0	Standard
|	**Na**	**23**	**10056.470**	ug/L	118.855	1	50260	199136909	0	Standard
|	**Mg**	**24**	**10006.939**	ug/L	94.114	0	3488	277230319	1	Standard
|	**Al**	**27**	**10034.782**	ug/L	217.280	2	8890	256885245	1	Standard
|	**K**	**39**	**10054.207**	ug/L	106.101	1	350271	88454494	1	Standard
|	**Ca**	**44**	**10016.174**	ug/L	192.425	1	16834	13782719	1	Standard
|	**Cr**	**52**	**97.982**	ug/L	1.167	1	28003	3042778	1	Standard
|	**Cr**	**53**	**100.277**	ug/L	0.599	0	372	393281	0	Standard
|	**Fe**	**54**	**9996.951**	ug/L	150.015	1	83366	21844336	0	Standard
|	**Fe**	**57**	**10022.341**	ug/L	180.481	1	25333	8918060	2	Standard
⌊	**Mn**	**55**	**99.480**	ug/L	1.899	1	1266	4575489	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	116046	0	KED
|	**Ni**	**60**	**100.285**	ug/L	0.420	0	31	193767	0	KED
|	**Ni**	**62**	**100.193**	ug/L	0.583	0	7	31452	0	KED
|	**Cu**	**63**	**99.946**	ug/L	1.393	1	140	553224	1	KED
|	**Cu**	**65**	**99.688**	ug/L	0.472	0	73	272771	0	KED
|	**Zn**	**66**	**99.446**	ug/L	0.101	0	255	82486	0	KED
⌊	**Zn**	**67**	**99.529**	ug/L	1.307	1	37	13648	0	KED
	Y	**89**		ug/L			881699	866237	0	Standard
	Kr	**83**		ug/L			348	363	2	Standard
⌈>	**In-1**	**115**		ug/L			37498	34817	1	KED
|	**Cd**	**111**	**99.872**	ug/L	1.368	1	4	49134	0	KED
⌊	**Cd**	**114**	**99.743**	ug/L	1.027	1	4	125450	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	2942905	1	Standard
⌊	**Pb**	**208**	**99.527**	ug/L	0.926	0	547	11367728	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:49:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	34864	1	Standard
	Cl	**37**		ug/L			7252120	7285440	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1715714	0	Standard
|	**Na**	**23**	**0.714**	ug/L	0.019	2	50260	63661	0	Standard
|	**Mg**	**24**	**0.083**	ug/L	0.002	2	3488	5755	1	Standard
|	**Al**	**27**	**-0.069**	ug/L	0.009	12	8890	6989	2	Standard
|	**K**	**39**	**2.017**	ug/L	0.349	17	350271	362624	0	Standard
|	**Ca**	**44**	**0.083**	ug/L	0.093	112	16834	16690	0	Standard
|	**Cr**	**52**	**-0.013**	ug/L	0.010	71	28003	27162	1	Standard
|	**Cr**	**53**	**0.003**	ug/L	0.009	275	372	379	9	Standard
|	**Fe**	**54**	**0.143**	ug/L	0.268	186	83366	82403	0	Standard
|	**Fe**	**57**	**-4.236**	ug/L	0.159	3	25333	21176	0	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	64	1266	1337	3	Standard
⌈>	**Ge**	**72**		ug/L			116200	118587	1	KED
|	**Ni**	**60**	**0.002**	ug/L	0.002	84	31	36	9	KED
|	**Ni**	**62**	**0.007**	ug/L	0.009	126	7	10	28	KED
|	**Cu**	**63**	**-0.002**	ug/L	0.003	146	140	132	11	KED
|	**Cu**	**65**	**-0.005**	ug/L	0.006	123	73	60	29	KED
|	**Zn**	**66**	**-0.029**	ug/L	0.025	84	255	235	8	KED
⌊	**Zn**	**67**	**0.003**	ug/L	0.025	735	37	38	10	KED
	Y	**89**		ug/L			881699	856267	2	Standard
	Kr	**83**		ug/L			348	356	13	Standard
⌈>	**In-1**	**115**		ug/L			37498	35851	1	KED
|	**Cd**	**111**	**0.000**	ug/L	0.005	1088	4	4	53	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.005	92	4	11	61	KED
⌈>	**Tb**	**159**		ug/L			2983616	2898583	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	15	547	657	3	Standard

Sample Information

Sample Date/Time: Thursday, July 15, 2021 14:42:55
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Na	23	**0.9999**	0.012	100.00	1000	2000	5000	10000
Mg	24	**1.0000**	0.016	20.00	1000	2000	5000	10000
Al	27	**1.0000**	0.015	20.00	1000	2000	5000	10000
K	39	**0.9999**	0.005	20.00	1000	2000	5000	10000
Ca	44	**0.9999**	0.001	50.00	1000	2000	5000	10000
Cr	52	**0.9993**	0.018	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Fe	54	**1.0000**	0.001	36.00	1000	2000	5000	10000
Fe	57	**0.9999**	0.001	36.00	1000	2000	5000	10000
Mn	55	**0.9998**	0.027	0.50	10	20	50	100
Ge	72							
Ni	60	**1.0000**	0.017	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.048	0.50	10	20	50	100
Cu	65	**1.0000**	0.024	0.50	10	20	50	100
Zn	66	**0.9999**	0.007	6.00	10	20	50	100
Zn	67	**0.9998**	0.001	6.00	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Cd	111	**1.0000**	0.014	0.10	10	20	50	100
Cd	114	**1.0000**	0.036	0.10	10	20	50	100
Tb	159							
Pb	208	**0.9999**	0.039	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:59:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	38435	2	Standard
	Cl	**37**		ug/L			7252120	7329146	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1740065	1	Standard
|	**Na**	**23**	**4726.015**	ug/L	68.948	1	50260	95207008	0	Standard
|	**Mg**	**24**	**4880.415**	ug/L	98.647	2	3488	137499187	0	Standard
|	**Al**	**27**	**4829.592**	ug/L	107.472	2	8890	125746400	0	Standard
|	**K**	**39**	**4741.490**	ug/L	80.702	1	350271	42608077	0	Standard
|	**Ca**	**44**	**4765.503**	ug/L	78.718	1	16834	6678437	0	Standard
|	**Cr**	**52**	**52.247**	ug/L	1.573	3	28003	1662937	1	Standard
|	**Cr**	**53**	**48.483**	ug/L	0.697	1	372	193584	0	Standard
|	**Fe**	**54**	**4849.365**	ug/L	86.623	1	83366	10820679	1	Standard
|	**Fe**	**57**	**4856.288**	ug/L	53.753	1	25333	4407483	0	Standard
⌊	**Mn**	**55**	**48.681**	ug/L	1.429	2	1266	2277658	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	115448	1	KED
|	**Ni**	**60**	**50.136**	ug/L	0.676	1	31	96376	0	KED
|	**Ni**	**62**	**50.776**	ug/L	0.789	1	7	15858	0	KED
|	**Cu**	**63**	**49.976**	ug/L	0.419	0	140	275266	1	KED
|	**Cu**	**65**	**50.013**	ug/L	1.162	2	73	136146	0	KED
|	**Zn**	**66**	**48.685**	ug/L	1.012	2	255	40306	2	KED
⌊	**Zn**	**67**	**48.601**	ug/L	0.983	2	37	6649	2	KED
	Y	**89**		ug/L			881699	874653	1	Standard
	Kr	**83**		ug/L			348	367	3	Standard
⌈>	**In-1**	**115**		ug/L			37498	36272	0	KED
|	**Cd**	**111**	**48.155**	ug/L	0.119	0	4	24686	0	KED
⌊	**Cd**	**114**	**48.295**	ug/L	0.522	1	4	63285	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	2968599	1	Standard
⌊	**Pb**	**208**	**49.458**	ug/L	0.739	1	547	5698314	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:06:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	33693	1	Standard
	Cl	**37**		ug/L			7252120	7267172	2	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1714021	0	Standard
|	**Na**	**23**	**0.213**	ug/L	0.028	12	50260	53668	1	Standard
|	**Mg**	**24**	**0.088**	ug/L	0.012	13	3488	5874	5	Standard
|	**Al**	**27**	**-0.085**	ug/L	0.011	12	8890	6558	4	Standard
|	**K**	**39**	**1.437**	ug/L	0.315	21	350271	357177	0	Standard
|	**Ca**	**44**	**-1.157**	ug/L	0.143	12	16834	14968	1	Standard
|	**Cr**	**52**	**-0.019**	ug/L	0.004	19	28003	26965	0	Standard
|	**Cr**	**53**	**-0.009**	ug/L	0.008	89	372	329	9	Standard
|	**Fe**	**54**	**-0.143**	ug/L	0.146	101	83366	81697	0	Standard
|	**Fe**	**57**	**-3.995**	ug/L	0.681	17	25333	21367	2	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.001	7	1266	2120	2	Standard
⌈>	**Ge**	**72**		ug/L			116200	118511	0	KED
|	**Ni**	**60**	**0.035**	ug/L	0.010	28	31	100	19	KED
|	**Ni**	**62**	**0.057**	ug/L	0.015	25	7	26	18	KED
|	**Cu**	**63**	**0.000**	ug/L	0.001	2403	140	144	6	KED
|	**Cu**	**65**	**-0.005**	ug/L	0.005	94	73	60	21	KED
|	**Zn**	**66**	**-0.007**	ug/L	0.022	323	255	254	7	KED
⌊	**Zn**	**67**	**0.013**	ug/L	0.048	371	37	40	16	KED
	Y	**89**		ug/L			881699	874197	0	Standard
	Kr	**83**		ug/L			348	361	6	Standard
⌈>	**In-1**	**115**		ug/L			37498	35555	0	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.001	33	4	2	21	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	171	4	4	25	KED
⌈>	**Tb**	**159**		ug/L			2983616	2914648	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	14	547	638	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:11:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	35964	0	Standard
	Cl	**37**		ug/L			7252120	7482276	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1725100	1	Standard
|	**Na**	**23**	**4957.457**	ug/L	72.471	1	50260	99008129	0	Standard
|	**Mg**	**24**	**4937.040**	ug/L	180.557	3	3488	137869036	2	Standard
|	**Al**	**27**	**4922.036**	ug/L	68.705	1	8890	127077976	2	Standard
|	**K**	**39**	**4933.583**	ug/L	127.063	2	350271	43932948	0	Standard
|	**Ca**	**44**	**4961.627**	ug/L	16.118	0	16834	6893904	2	Standard
|	**Cr**	**52**	**53.376**	ug/L	0.666	1	28003	1683953	0	Standard
|	**Cr**	**53**	**49.356**	ug/L	1.369	2	372	195329	1	Standard
|	**Fe**	**54**	**5002.090**	ug/L	114.631	2	83366	11061237	0	Standard
|	**Fe**	**57**	**4923.228**	ug/L	87.111	1	25333	4429302	1	Standard
⌊	**Mn**	**55**	**50.440**	ug/L	0.970	1	1266	2339770	0	Standard
⌈>	**Ge**	**72**		ug/L			116200	117633	0	KED
|	**Ni**	**60**	**49.271**	ug/L	0.279	0	31	96521	1	KED
|	**Ni**	**62**	**49.898**	ug/L	0.245	0	7	15881	0	KED
|	**Cu**	**63**	**50.206**	ug/L	0.255	0	140	281775	0	KED
|	**Cu**	**65**	**49.229**	ug/L	0.387	0	73	136579	0	KED
|	**Zn**	**66**	**50.522**	ug/L	0.554	1	255	42608	1	KED
⌊	**Zn**	**67**	**50.463**	ug/L	0.212	0	37	7033	0	KED
	Y	**89**		ug/L			881699	875523	0	Standard
	Kr	**83**		ug/L			348	363	5	Standard
⌈>	**In-1**	**115**		ug/L			37498	35557	1	KED
|	**Cd**	**111**	**49.310**	ug/L	1.545	3	4	24773	1	KED
⌊	**Cd**	**114**	**49.228**	ug/L	1.319	2	4	63228	2	KED
⌈>	**Tb**	**159**		ug/L			2983616	2953419	1	Standard
⌊	**Pb**	**208**	**49.559**	ug/L	0.450	0	547	5680954	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:18:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	33902	1	Standard
	Cl	**37**		ug/L			7252120	7330372	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1696887	1	Standard
|	**Na**	**23**	**0.210**	ug/L	0.135	64	50260	53089	6	Standard
|	**Mg**	**24**	**0.174**	ug/L	0.146	83	3488	8215	50	Standard
|	**Al**	**27**	**-0.008**	ug/L	0.159	2026	8890	8492	49	Standard
|	**K**	**39**	**2.022**	ug/L	0.089	4	350271	358698	1	Standard
|	**Ca**	**44**	**-1.564**	ug/L	0.083	5	16834	14262	0	Standard
|	**Cr**	**52**	**-0.014**	ug/L	0.023	167	28003	26851	1	Standard
|	**Cr**	**53**	**-0.010**	ug/L	0.002	18	372	323	1	Standard
|	**Fe**	**54**	**0.505**	ug/L	0.445	88	83366	82279	1	Standard
|	**Fe**	**57**	**-4.328**	ug/L	0.242	5	25333	20863	1	Standard
⌊	**Mn**	**55**	**0.014**	ug/L	0.002	15	1266	1869	6	Standard
⌈>	**Ge**	**72**		ug/L			116200	118445	1	KED
|	**Ni**	**60**	**0.047**	ug/L	0.013	26	31	124	19	KED
|	**Ni**	**62**	**0.033**	ug/L	0.004	10	7	18	5	KED
|	**Cu**	**63**	**-0.003**	ug/L	0.003	115	140	128	13	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.002	39	73	63	7	KED
|	**Zn**	**66**	**0.002**	ug/L	0.033	1798	255	261	9	KED
⌊	**Zn**	**67**	**0.049**	ug/L	0.032	65	37	45	10	KED
	Y	**89**		ug/L			881699	858961	0	Standard
	Kr	**83**		ug/L			348	316	14	Standard
⌈>	**In-1**	**115**		ug/L			37498	35942	1	KED
|	**Cd**	**111**	**0.001**	ug/L	0.005	501	4	4	52	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	112	4	6	45	KED
⌈>	**Tb**	**159**		ug/L			2983616	2898814	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.002	87	547	747	24	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:23:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	38345	0	Standard
	Cl	**37**		ug/L			7252120	7308150	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1717202	1	Standard
|	**Na**	**23**	**98.946**	ug/L	0.974	0	50260	2015757	1	Standard
|	**Mg**	**24**	**22.589**	ug/L	0.704	3	3488	631403	1	Standard
|	**Al**	**27**	**21.769**	ug/L	0.280	1	8890	568141	1	Standard
|	**K**	**39**	**22.516**	ug/L	0.971	4	350271	543187	0	Standard
|	**Ca**	**44**	**53.410**	ug/L	2.634	4	16834	90247	2	Standard
|	**Cr**	**52**	**0.530**	ug/L	0.002	0	28003	43982	1	Standard
|	**Cr**	**53**	**0.473**	ug/L	0.015	3	372	2225	1	Standard
|	**Fe**	**54**	**40.271**	ug/L	2.345	5	83366	170118	1	Standard
|	**Fe**	**57**	**33.662**	ug/L	0.851	2	25333	54941	0	Standard
⌊	**Mn**	**55**	**0.546**	ug/L	0.021	3	1266	26440	2	Standard
⌈>	**Ge**	**72**		ug/L			116200	117697	1	KED
|	**Ni**	**60**	**0.528**	ug/L	0.014	2	31	1066	2	KED
|	**Ni**	**62**	**0.518**	ug/L	0.081	15	7	172	16	KED
|	**Cu**	**63**	**0.488**	ug/L	0.010	2	140	2882	0	KED
|	**Cu**	**65**	**0.499**	ug/L	0.016	3	73	1459	2	KED
|	**Zn**	**66**	**5.920**	ug/L	0.204	3	255	5221	1	KED
⌊	**Zn**	**67**	**5.683**	ug/L	0.248	4	37	826	3	KED
	Y	**89**		ug/L			881699	877948	0	Standard
	Kr	**83**		ug/L			348	326	5	Standard
⌈>	**In-1**	**115**		ug/L			37498	35478	1	KED
|	**Cd**	**111**	**0.105**	ug/L	0.018	16	4	56	14	KED
⌊	**Cd**	**114**	**0.087**	ug/L	0.010	11	4	115	9	KED
⌈>	**Tb**	**159**		ug/L			2983616	2910622	1	Standard
⌊	**Pb**	**208**	**0.105**	ug/L	0.002	2	547	12389	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:29:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	184057	0	Standard
	Cl	37		ug/L			7252120	14028469	0	Standard
>	Sc	45		ug/L			1742374	1726949	0	Standard
	Na	23	19961.648	ug/L	286.009	1	50260	399023046	1	Standard
	Mg	24	20205.032	ug/L	183.099	0	3488	565054299	0	Standard
	Al	27	19358.485	ug/L	197.262	1	8890	500332324	1	Standard
	K	39	20015.009	ug/L	168.713	0	350271	177419047	1	Standard
	Ca	44	19440.687	ug/L	496.716	2	16834	26990300	2	Standard
	Cr	52	0.529	ug/L	0.024	4	28003	44179	1	Standard
	Cr	53	9.104	ug/L	0.072	0	372	36382	0	Standard
	Fe	54	19400.103	ug/L	113.159	0	83366	42720677	1	Standard
	Fe	57	19206.805	ug/L	76.480	0	25333	17228252	0	Standard
	Mn	55	0.083	ug/L	0.005	5	1266	5085	3	Standard
>	Ge	72		ug/L			116200	113471	0	KED
	Ni	60	0.070	ug/L	0.005	6	31	163	5	KED
	Ni	62	0.170	ug/L	0.009	5	7	59	4	KED
	Cu	63	0.047	ug/L	0.003	6	140	389	4	KED
	Cu	65	0.051	ug/L	0.010	18	73	206	11	KED
	Zn	66	0.201	ug/L	0.015	7	255	412	3	KED
	Zn	67	0.235	ug/L	0.049	20	37	67	9	KED
	Y	89		ug/L			881699	814200	1	Standard
	Kr	83		ug/L			348	471	6	Standard
>	In-1	115		ug/L			37498	34163	0	KED
	Cd	111	0.107	ug/L	0.022	20	4	55	19	KED
	Cd	114	0.060	ug/L	0.001	1	4	78	1	KED
>	Tb	159		ug/L			2983616	3033495	0	Standard
	Pb	208	0.019	ug/L	0.001	3	547	2828	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:33:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	186593	0	Standard
	Cl	**37**		ug/L			7252120	13638066	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1693996	1	Standard
|	**Na**	**23**	**19714.052**	ug/L	192.910	0	50260	386530853	1	Standard
|	**Mg**	**24**	**20618.874**	ug/L	83.798	0	3488	565651015	1	Standard
|	**Al**	**27**	**19251.547**	ug/L	363.560	1	8890	488049941	2	Standard
|	**K**	**39**	**19807.040**	ug/L	275.529	1	350271	172206466	0	Standard
|	**Ca**	**44**	**19847.837**	ug/L	161.931	0	16834	27029059	0	Standard
|	**Cr**	**52**	**21.432**	ug/L	0.364	1	28003	680262	0	Standard
|	**Cr**	**53**	**28.409**	ug/L	0.605	2	372	110577	1	Standard
|	**Fe**	**54**	**19434.872**	ug/L	186.166	0	83366	41978791	1	Standard
|	**Fe**	**57**	**19333.759**	ug/L	157.677	0	25333	17011791	1	Standard
⌊	**Mn**	**55**	**21.880**	ug/L	0.506	2	1266	997433	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	112628	0	KED
|	**Ni**	**60**	**20.365**	ug/L	0.176	0	31	38213	1	KED
|	**Ni**	**62**	**19.883**	ug/L	0.343	1	7	6063	1	KED
|	**Cu**	**63**	**19.993**	ug/L	0.345	1	140	107509	1	KED
|	**Cu**	**65**	**20.100**	ug/L	0.145	0	73	53434	0	KED
|	**Zn**	**66**	**21.877**	ug/L	0.092	0	255	17804	1	KED
⌊	**Zn**	**67**	**19.669**	ug/L	0.353	1	37	2647	2	KED
	Y	**89**		ug/L			881699	793911	1	Standard
	Kr	**83**		ug/L			348	424	6	Standard
⌈>	**In-1**	**115**		ug/L			37498	32938	1	KED
|	**Cd**	**111**	**21.003**	ug/L	0.504	2	4	9776	0	KED
⌊	**Cd**	**114**	**21.216**	ug/L	0.389	1	4	25245	1	KED
⌈>	**Tb**	**159**		ug/L			2983616	3032302	0	Standard
⌊	**Pb**	**208**	**0.025**	ug/L	0.000	0	547	3519	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:37:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	48834	2	Standard
	Cl	**37**		ug/L			7252120	7169018	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1645041	0	Standard
|	**Na**	**23**	**20077.557**	ug/L	94.181	0	50260	382280203	0	Standard
|	**Mg**	**24**	**20240.021**	ug/L	136.917	0	3488	539188735	0	Standard
|	**Al**	**27**	**19326.669**	ug/L	192.178	0	8890	475791045	0	Standard
|	**K**	**39**	**19746.663**	ug/L	188.802	0	350271	166734243	0	Standard
|	**Ca**	**44**	**19613.122**	ug/L	119.875	0	16834	25939174	0	Standard
|	**Cr**	**52**	**188.827**	ug/L	0.565	0	28003	5614502	0	Standard
|	**Cr**	**53**	**198.383**	ug/L	1.810	0	372	747850	0	Standard
|	**Fe**	**54**	**19516.894**	ug/L	130.913	0	83366	40937688	0	Standard
|	**Fe**	**57**	**19175.880**	ug/L	299.763	1	25333	16383887	1	Standard
⌊	**Mn**	**55**	**191.850**	ug/L	0.724	0	1266	8484970	0	Standard
⌈>	**Ge**	**72**		ug/L			116200	108869	0	KED
|	**Ni**	**60**	**198.157**	ug/L	3.320	1	31	359133	0	KED
|	**Ni**	**62**	**201.552**	ug/L	1.647	0	7	59350	1	KED
|	**Cu**	**63**	**196.084**	ug/L	2.197	1	140	1018132	1	KED
|	**Cu**	**65**	**195.346**	ug/L	2.368	1	73	501376	1	KED
|	**Zn**	**66**	**195.466**	ug/L	3.308	1	255	151863	1	KED
⌊	**Zn**	**67**	**194.488**	ug/L	1.782	0	37	24987	0	KED
	Y	**89**		ug/L			881699	796577	0	Standard
	Kr	**83**		ug/L			348	439	11	Standard
⌈>	**In-1**	**115**		ug/L			37498	31751	1	KED
|	**Cd**	**111**	**199.039**	ug/L	1.131	0	4	89304	0	KED
⌊	**Cd**	**114**	**200.009**	ug/L	0.666	0	4	229416	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	2871196	1	Standard
⌊	**Pb**	**208**	**193.302**	ug/L	2.349	1	547	21539106	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:41:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	51857	0	Standard
	Cl	**37**		ug/L			7252120	6874371	1	Standard
⎡>	**Sc**	**45**		ug/L			1742374	1614007	0	Standard
⎢	**Na**	**23**	**29500.799**	ug/L	354.804	1	50260	551075918	1	Standard
⎢	**Mg**	**24**	**29297.159**	ug/L	131.521	0	3488	765759726	0	Standard
⎢	**Al**	**27**	**28779.208**	ug/L	83.383	0	8890	695143145	0	Standard
⎢	**K**	**39**	**29652.683**	ug/L	258.090	0	350271	245487674	0	Standard
⎢	**Ca**	**44**	**28801.228**	ug/L	505.557	1	16834	37365380	1	Standard
⎢	**Cr**	**52**	**272.459**	ug/L	3.231	1	28003	7936474	0	Standard
⎢	**Cr**	**53**	**285.842**	ug/L	1.153	0	372	1057098	0	Standard
⎢	**Fe**	**54**	**28154.268**	ug/L	359.262	1	83366	57910231	1	Standard
⎢	**Fe**	**57**	**28275.880**	ug/L	207.083	0	25333	23693390	1	Standard
⎣	**Mn**	**55**	**278.845**	ug/L	3.316	1	1266	12098899	0	Standard
⎡>	**Ge**	**72**		ug/L			116200	105317	1	KED
⎢	**Ni**	**60**	**293.697**	ug/L	5.848	1	31	514884	1	KED
⎢	**Ni**	**62**	**291.574**	ug/L	7.833	2	7	83036	1	KED
⎢	**Cu**	**63**	**281.580**	ug/L	6.555	2	140	1413977	1	KED
⎢	**Cu**	**65**	**285.191**	ug/L	2.739	0	73	707998	0	KED
⎢	**Zn**	**66**	**276.134**	ug/L	3.935	1	255	207422	0	KED
⎣	**Zn**	**67**	**273.085**	ug/L	4.822	1	37	33921	1	KED
	Y	**89**		ug/L			881699	778776	1	Standard
	Kr	**83**		ug/L			348	483	3	Standard
⎡>	**In-1**	**115**		ug/L			37498	30969	1	KED
⎢	**Cd**	**111**	**284.512**	ug/L	1.241	0	4	124511	1	KED
⎣	**Cd**	**114**	**287.632**	ug/L	2.396	0	4	321788	0	KED
⎡>	**Tb**	**159**		ug/L			2983616	2763009	1	Standard
⎣	**Pb**	**208**	**277.214**	ug/L	3.477	1	547	29725489	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:48:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	48808	1	Standard
	Cl	**37**		ug/L			7252120	7037768	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1679165	1	Standard
|	**Na**	**23**	**2.350**	ug/L	0.096	4	50260	94088	0	Standard
|	**Mg**	**24**	**0.641**	ug/L	0.012	1	3488	20792	0	Standard
|	**Al**	**27**	**0.546**	ug/L	0.012	2	8890	22287	3	Standard
|	**K**	**39**	**3.565**	ug/L	0.706	19	350271	368153	0	Standard
|	**Ca**	**44**	**6.082**	ug/L	0.640	10	16834	24420	1	Standard
|	**Cr**	**52**	**0.038**	ug/L	0.023	61	28003	28128	1	Standard
|	**Cr**	**53**	**0.098**	ug/L	0.007	7	372	735	1	Standard
|	**Fe**	**54**	**1.496**	ug/L	1.056	70	83366	83513	1	Standard
|	**Fe**	**57**	**-4.658**	ug/L	0.473	10	25333	20352	0	Standard
⌊	**Mn**	**55**	**0.016**	ug/L	0.001	5	1266	1945	2	Standard
⌈>	**Ge**	**72**		ug/L			116200	113817	0	KED
|	**Ni**	**60**	**0.030**	ug/L	0.003	10	31	86	7	KED
|	**Ni**	**62**	**0.044**	ug/L	0.006	14	7	20	9	KED
|	**Cu**	**63**	**0.010**	ug/L	0.006	60	140	190	17	KED
|	**Cu**	**65**	**0.006**	ug/L	0.004	68	73	87	11	KED
|	**Zn**	**66**	**0.145**	ug/L	0.009	6	255	367	2	KED
⌊	**Zn**	**67**	**0.176**	ug/L	0.026	14	37	60	6	KED
	Y	**89**		ug/L			881699	826481	0	Standard
	Kr	**83**		ug/L			348	306	14	Standard
⌈>	**In-1**	**115**		ug/L			37498	33840	1	KED
|	**Cd**	**111**	**0.011**	ug/L	0.007	62	4	9	36	KED
⌊	**Cd**	**114**	**0.011**	ug/L	0.005	48	4	17	38	KED
⌈>	**Tb**	**159**		ug/L			2983616	2880287	2	Standard
⌊	**Pb**	**208**	**0.010**	ug/L	0.001	6	547	1621	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:54:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	47991	0	Standard
	Cl	**37**		ug/L			7252120	6913714	2	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1695972	0	Standard
|	**Na**	**23**	**1.049**	ug/L	0.056	5	50260	69506	0	Standard
|	**Mg**	**24**	**0.301**	ug/L	0.018	6	3488	11652	3	Standard
|	**Al**	**27**	**0.198**	ug/L	0.011	5	8890	13672	1	Standard
|	**K**	**39**	**1.722**	ug/L	0.271	15	350271	355887	0	Standard
|	**Ca**	**44**	**4.998**	ug/L	0.281	5	16834	23196	1	Standard
|	**Cr**	**52**	**0.038**	ug/L	0.016	41	28003	28405	1	Standard
|	**Cr**	**53**	**0.050**	ug/L	0.011	22	372	558	6	Standard
|	**Fe**	**54**	**-0.663**	ug/L	0.079	11	83366	79716	0	Standard
|	**Fe**	**57**	**-4.872**	ug/L	0.327	6	25333	20371	0	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.001	11	1266	1694	3	Standard
⌈>	**Ge**	**72**		ug/L			116200	112917	1	KED
|	**Ni**	**60**	**0.017**	ug/L	0.012	72	31	61	37	KED
|	**Ni**	**62**	**0.030**	ug/L	0.016	54	7	16	29	KED
|	**Cu**	**63**	**0.006**	ug/L	0.002	38	140	171	6	KED
|	**Cu**	**65**	**0.002**	ug/L	0.002	147	73	75	7	KED
|	**Zn**	**66**	**0.159**	ug/L	0.045	28	255	375	9	KED
⌊	**Zn**	**67**	**0.103**	ug/L	0.088	85	37	50	24	KED
	Y	**89**		ug/L			881699	829723	1	Standard
	Kr	**83**		ug/L			348	306	3	Standard
⌈>	**In-1**	**115**		ug/L			37498	33684	1	KED
|	**Cd**	**111**	**0.002**	ug/L	0.004	251	4	4	40	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	249	4	4	56	KED
⌈>	**Tb**	**159**		ug/L			2983616	2848450	1	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.000	3	547	1256	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:00:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	37062	2	Standard
	Cl	**37**		ug/L			7252120	7058316	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1678733	0	Standard
|	**Na**	**23**	**5004.422**	ug/L	51.683	1	50260	97270677	0	Standard
|	**Mg**	**24**	**5144.076**	ug/L	88.209	1	3488	139838002	1	Standard
|	**Al**	**27**	**4879.669**	ug/L	34.839	0	8890	122600679	1	Standard
|	**K**	**39**	**4922.242**	ug/L	35.144	0	350271	42668473	1	Standard
|	**Ca**	**44**	**4988.901**	ug/L	103.589	2	16834	6745211	2	Standard
|	**Cr**	**52**	**54.521**	ug/L	0.727	1	28003	1673413	0	Standard
|	**Cr**	**53**	**49.582**	ug/L	0.414	0	372	191005	0	Standard
|	**Fe**	**54**	**5022.379**	ug/L	50.273	1	83366	10809891	0	Standard
|	**Fe**	**57**	**4951.465**	ug/L	28.728	0	25333	4335525	1	Standard
⌊	**Mn**	**55**	**50.395**	ug/L	0.605	1	1266	2275330	0	Standard
⌈>	**Ge**	**72**		ug/L			116200	113094	0	KED
|	**Ni**	**60**	**50.158**	ug/L	0.308	0	31	94462	0	KED
|	**Ni**	**62**	**50.183**	ug/L	0.703	1	7	15356	1	KED
|	**Cu**	**63**	**50.198**	ug/L	0.272	0	140	270867	0	KED
|	**Cu**	**65**	**50.125**	ug/L	0.614	1	73	133696	0	KED
|	**Zn**	**66**	**49.982**	ug/L	0.765	1	255	40525	1	KED
⌊	**Zn**	**67**	**50.927**	ug/L	2.177	4	37	6823	3	KED
	Y	**89**		ug/L			881699	842439	1	Standard
	Kr	**83**		ug/L			348	307	8	Standard
⌈>	**In-1**	**115**		ug/L			37498	33040	2	KED
|	**Cd**	**111**	**50.209**	ug/L	0.281	0	4	23446	2	KED
⌊	**Cd**	**114**	**49.815**	ug/L	0.460	0	4	59459	1	KED
⌈>	**Tb**	**159**		ug/L			2983616	2865900	0	Standard
⌊	**Pb**	**208**	**49.800**	ug/L	0.330	0	547	5539724	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:07:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	34333	1	Standard
	Cl	**37**		ug/L			7252120	6906544	0	Standard
⎡>	**Sc**	**45**		ug/L			1742374	1653981	0	Standard
⎢	**Na**	**23**	**0.439**	ug/L	0.030	6	50260	56114	1	Standard
⎢	**Mg**	**24**	**0.186**	ug/L	0.016	8	3488	8299	5	Standard
⎢	**Al**	**27**	**-0.020**	ug/L	0.008	38	8890	7942	2	Standard
⎢	**K**	**39**	**1.993**	ug/L	0.041	2	350271	349384	0	Standard
⎢	**Ca**	**44**	**-2.481**	ug/L	0.064	2	16834	12683	0	Standard
⎢	**Cr**	**52**	**0.008**	ug/L	0.013	175	28003	26809	1	Standard
⎢	**Cr**	**53**	**0.019**	ug/L	0.005	26	372	426	4	Standard
⎢	**Fe**	**54**	**1.181**	ug/L	1.290	109	83366	81618	3	Standard
⎢	**Fe**	**57**	**-4.571**	ug/L	0.357	7	25333	20127	1	Standard
⎣	**Mn**	**55**	**-0.002**	ug/L	0.001	37	1266	1128	2	Standard
⎡>	**Ge**	**72**		ug/L			116200	111676	0	KED
⎢	**Ni**	**60**	**-0.003**	ug/L	0.002	44	31	23	12	KED
⎢	**Ni**	**62**	**-0.003**	ug/L	0.013	411	7	6	62	KED
⎢	**Cu**	**63**	**-0.003**	ug/L	0.002	67	140	118	9	KED
⎢	**Cu**	**65**	**-0.003**	ug/L	0.003	84	73	62	10	KED
⎢	**Zn**	**66**	**0.006**	ug/L	0.008	133	255	250	2	KED
⎣	**Zn**	**67**	**-0.032**	ug/L	0.008	25	37	31	3	KED
	Y	**89**		ug/L			881699	822813	1	Standard
	Kr	**83**		ug/L			348	328	3	Standard
⎡>	**In-1**	**115**		ug/L			37498	33504	1	KED
⎢	**Cd**	**111**	**0.000**	ug/L	0.003	924	4	4	35	KED
⎣	**Cd**	**114**	**0.004**	ug/L	0.003	90	4	8	48	KED
⎡>	**Tb**	**159**		ug/L			2983616	2851752	1	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.000	2	547	709	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0337-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:11:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	49638	1	Standard
	Cl	37		ug/L			7252120	6903038	1	Standard
>	Sc	45		ug/L			1742374	1709097	0	Standard
	Na	23	66.247	ug/L	0.454	0	50260	1359599	0	Standard
	Mg	24	1.323	ug/L	0.014	1	3488	40041	0	Standard
	Al	27	1.500	ug/L	0.048	3	8890	47089	3	Standard
	K	39	35.045	ug/L	0.340	0	350271	650397	0	Standard
	Ca	44	7.139	ug/L	0.515	7	16834	26312	1	Standard
	Cr	52	0.107	ug/L	0.016	14	28003	30758	1	Standard
	Cr	53	0.095	ug/L	0.005	5	372	736	2	Standard
	Fe	54	1.628	ug/L	0.510	31	83366	85309	0	Standard
	Fe	57	-3.583	ug/L	0.381	10	25333	21675	2	Standard
	Mn	55	32.012	ug/L	0.110	0	1266	1471969	0	Standard
>	Ge	72		ug/L			116200	113515	1	KED
	Ni	60	0.012	ug/L	0.010	83	31	52	36	KED
	Ni	62	0.021	ug/L	0.021	96	7	13	43	KED
	Cu	63	0.004	ug/L	0.004	101	140	160	15	KED
	Cu	65	0.004	ug/L	0.007	155	73	83	23	KED
	Zn	66	3.690	ug/L	0.257	6	255	3232	5	KED
	Zn	67	3.490	ug/L	0.217	6	37	503	6	KED
	Y	89		ug/L			881699	839725	3	Standard
	Kr	83		ug/L			348	332	3	Standard
>	In-1	115		ug/L			37498	34673	1	KED
	Cd	111	0.002	ug/L	0.001	48	4	5	10	KED
	Cd	114	-0.004	ug/L	0.009	237	4	0	1324	KED
>	Tb	159		ug/L			2983616	2877793	1	Standard
	Pb	208	0.006	ug/L	0.001	11	547	1212	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0337-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:15:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	51260	0	Standard
	Cl	37		ug/L			7252120	7007993	0	Standard
>	Sc	45		ug/L			1742374	1707000	1	Standard
	Na	23	8.446	ug/L	0.169	2	50260	216045	0	Standard
	Mg	24	0.724	ug/L	0.020	2	3488	23434	0	Standard
	Al	27	1.234	ug/L	0.065	5	8890	40218	2	Standard
	K	39	5.442	ug/L	0.752	13	350271	390665	0	Standard
	Ca	44	2.296	ug/L	0.292	12	16834	19638	1	Standard
	Cr	52	25.960	ug/L	0.435	1	28003	824458	0	Standard
	Cr	53	24.181	ug/L	0.617	2	372	94893	1	Standard
	Fe	54	2.927	ug/L	0.436	14	83366	88025	1	Standard
	Fe	57	-2.887	ug/L	0.231	8	25333	22260	0	Standard
	Mn	55	30.667	ug/L	0.281	0	1266	1408350	1	Standard
>	Ge	72		ug/L			116200	116327	2	KED
	Ni	60	24.720	ug/L	0.523	2	31	47896	2	KED
	Ni	62	25.316	ug/L	0.557	2	7	7969	0	KED
	Cu	63	25.775	ug/L	0.248	0	140	143117	1	KED
	Cu	65	25.656	ug/L	0.448	1	73	70410	0	KED
	Zn	66	78.582	ug/L	1.105	1	255	65381	0	KED
	Zn	67	73.640	ug/L	0.813	1	37	10131	1	KED
	Y	89		ug/L			881699	836054	0	Standard
	Kr	83		ug/L			348	337	8	Standard
>	In-1	115		ug/L			37498	34022	2	KED
	Cd	111	24.847	ug/L	0.357	1	4	11947	0	KED
	Cd	114	25.042	ug/L	0.532	2	4	30776	1	KED
>	Tb	159		ug/L			2983616	2849004	1	Standard
	Pb	208	25.260	ug/L	0.380	1	547	2793293	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0337-BLK1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, July 15, 2021 16:22:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	47774	0	Standard
	Cl	37		ug/L			7252120	6889370	0	Standard
>	Sc	45		ug/L			1742374	1664928	0	Standard
	Na	23	67.052	ug/L	0.349	0	50260	1340000	0	Standard
	Mg	24	1.343	ug/L	0.028	2	3488	39539	1	Standard
	Al	27	1.479	ug/L	0.011	0	8890	45346	0	Standard
	K	39	36.381	ug/L	0.213	0	350271	644987	0	Standard
	Ca	44	6.969	ug/L	0.256	3	16834	25408	1	Standard
	Cr	52	0.097	ug/L	0.020	20	28003	29669	1	Standard
	Cr	53	0.091	ug/L	0.002	1	372	702	1	Standard
	Fe	54	2.486	ug/L	0.404	16	83366	84925	0	Standard
	Fe	57	-0.895	ug/L	0.301	33	25333	23435	1	Standard
	Mn	55	33.183	ug/L	0.593	1	1266	1486280	1	Standard
>	Ge	72		ug/L			116200	114261	1	KED
	Ni	60	0.041	ug/L	0.010	24	31	107	18	KED
	Ni	62	0.040	ug/L	0.037	92	7	19	55	KED
	Cu	63	0.007	ug/L	0.005	75	140	174	16	KED
	Cu	65	0.003	ug/L	0.008	235	73	81	25	KED
	Zn	66	3.585	ug/L	0.037	1	255	3169	0	KED
	Zn	67	3.338	ug/L	0.058	1	37	486	3	KED
	Y	89		ug/L			881699	833914	0	Standard
	Kr	83		ug/L			348	333	2	Standard
>	In-1	115		ug/L			37498	34664	1	KED
	Cd	111	0.003	ug/L	0.005	188	4	5	44	KED
	Cd	114	0.007	ug/L	0.010	153	4	12	103	KED
>	Tb	159		ug/L			2983616	2851783	0	Standard
	Pb	208	0.006	ug/L	0.001	12	547	1242	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0337-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:26:25

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	49331	2	Standard
	Cl	37		ug/L			7252120	6986206	1	Standard
>	Sc	45		ug/L			1742374	1676918	0	Standard
	Na	23	8.025	ug/L	0.079	0	50260	204107	0	Standard
	Mg	24	0.700	ug/L	0.013	1	3488	22378	1	Standard
	Al	27	1.165	ug/L	0.030	2	8890	37793	1	Standard
	K	39	5.868	ug/L	0.418	7	350271	387510	0	Standard
	Ca	44	1.894	ug/L	0.161	8	16834	18755	1	Standard
	Cr	52	26.267	ug/L	0.067	0	28003	819335	0	Standard
	Cr	53	24.272	ug/L	0.222	0	372	93591	1	Standard
	Fe	54	1.713	ug/L	0.232	13	83366	83889	0	Standard
	Fe	57	-1.395	ug/L	0.289	20	25333	23167	0	Standard
	Mn	55	30.923	ug/L	0.120	0	1266	1395165	0	Standard
>	Ge	72		ug/L			116200	115388	1	KED
	Ni	60	25.055	ug/L	0.304	1	31	48154	0	KED
	Ni	62	25.274	ug/L	0.257	1	7	7894	1	KED
	Cu	63	25.541	ug/L	0.358	1	140	140668	0	KED
	Cu	65	25.496	ug/L	0.183	0	73	69425	1	KED
	Zn	66	78.234	ug/L	0.126	0	255	64578	1	KED
	Zn	67	74.558	ug/L	1.475	1	37	10174	1	KED
	Y	89		ug/L			881699	825697	1	Standard
	Kr	83		ug/L			348	344	3	Standard
>	In-1	115		ug/L			37498	33720	0	KED
	Cd	111	25.146	ug/L	0.362	1	4	11985	0	KED
	Cd	114	25.100	ug/L	0.640	2	4	30581	2	KED
>	Tb	159		ug/L			2983616	2780090	0	Standard
	Pb	208	25.448	ug/L	0.424	1	547	2746049	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0150-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:32:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

DEL

MISSED TUBE

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	32332	17	Standard
	Cl	**37**		ug/L			7252120	3947470	2	Standard
⌈>	**Sc**	**45**		ug/L			1742374	2931430	4	Standard
|	**Na**	**23**	**-1.485**	ug/L	0.030	2	50260	34149	1	Standard
|	**Mg**	**24**	**0.008**	ug/L	0.005	70	3488	6230	4	Standard
|	**Al**	**27**	**-0.199**	ug/L	0.011	5	8890	6251	10	Standard
|	**K**	**39**	**-20.156**	ug/L	1.246	6	350271	286084	2	Standard
|	**Ca**	**44**	**-6.930**	ug/L	0.552	7	16834	12028	14	Standard
|	**Cr**	**52**	**-0.623**	ug/L	0.006	1	28003	14292	6	Standard
|	**Cr**	**53**	**-0.046**	ug/L	0.006	13	372	318	10	Standard
|	**Fe**	**54**	**24.483**	ug/L	29.957	122	83366	234568	51	Standard
|	**Fe**	**57**	**-20.196**	ug/L	0.246	1	25333	11907	2	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.007	70	1266	2968	23	Standard
⌈>	**Ge**	**72**		ug/L			116200	241537	4	KED
|	**Ni**	**60**	**0.007**	ug/L	0.002	23	31	94	7	KED
|	**Ni**	**62**	**0.006**	ug/L	0.008	142	7	19	31	KED
|	**Cu**	**63**	**-0.012**	ug/L	0.001	8	140	154	5	KED
|	**Cu**	**65**	**-0.014**	ug/L	0.002	16	73	74	16	KED
|	**Zn**	**66**	**-0.163**	ug/L	0.011	6	255	250	12	KED
⌊	**Zn**	**67**	**-0.140**	ug/L	0.019	13	37	38	18	KED
	Y	**89**		ug/L			881699	1689798	4	Standard
	Kr	**83**		ug/L			348	641	37	Standard
⌈>	**In-1**	**115**		ug/L			37498	66967	3	KED
|	**Cd**	**111**	**0.001**	ug/L	0.002	233	4	8	26	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	12840	4	7	94	KED
⌈>	**Tb**	**159**		ug/L			2983616	6182891	1	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	7	547	779	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0150-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:41:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	223527	1	Standard
	Cl	37		ug/L			7252120	7139613	1	Standard
>	Sc	45		ug/L			1742374	1675564	0	Standard
	Na	23	7337.666	ug/L	30.577	0	50260	142336405	0	Standard
	Mg	24	1061.181	ug/L	21.743	2	3488	28796120	1	Standard
	Al	27	6.522	ug/L	0.014	0	8890	172102	0	Standard
	K	39	1415.206	ug/L	24.479	1	350271	12483516	1	Standard
	Ca	44	36574.317	ug/L	820.230	2	16834	49251113	1	Standard
	Cr	52	9.615	ug/L	0.150	1	28003	316737	1	Standard
	Cr	53	8.754	ug/L	0.061	0	372	33957	0	Standard
	Fe	54	3901.195	ug/L	41.996	1	83366	8398777	0	Standard
	Fe	57	3951.037	ug/L	7.685	0	25333	3457872	0	Standard
	Mn	55	83.947	ug/L	0.978	1	1266	3782339	1	Standard
>	Ge	72		ug/L			116200	108642	1	KED
	Ni	60	5.232	ug/L	0.071	1	31	9489	0	KED
	Ni	62	5.251	ug/L	0.206	3	7	1549	4	KED
	Cu	63	0.583	ug/L	0.003	0	140	3151	2	KED
	Cu	65	0.601	ug/L	0.024	3	73	1608	5	KED
	Zn	66	19.482	ug/L	0.841	4	255	15312	2	KED
	Zn	67	18.510	ug/L	0.832	4	37	2404	3	KED
	Y	89		ug/L			881699	789951	1	Standard
	Kr	83		ug/L			348	339	2	Standard
>	In-1	115		ug/L			37498	32945	0	KED
	Cd	111	0.119	ug/L	0.006	5	4	59	5	KED
	Cd	114	0.093	ug/L	0.009	10	4	114	8	KED
>	Tb	159		ug/L			2983616	2891055	1	Standard
	Pb	208	0.061	ug/L	0.002	2	547	7349	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0061-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:48:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	132984	0	Standard
	Cl	37		ug/L			7252120	7175885	0	Standard
>	Sc	45		ug/L			1742374	1684685	1	Standard
	Na	23	1937.226	ug/L	32.556	1	50260	37812998	0	Standard
	Mg	24	293.830	ug/L	2.711	0	3488	8020038	2	Standard
	Al	27	38.571	ug/L	0.746	1	8890	980960	1	Standard
	K	39	472.858	ug/L	5.364	1	350271	4419125	0	Standard
	Ca	44	6008.022	ug/L	119.436	1	16834	8148845	2	Standard
	Cr	52	69.651	ug/L	1.402	2	28003	2137625	0	Standard
	Cr	53	70.277	ug/L	1.060	1	372	271514	0	Standard
	Fe	54	5497.774	ug/L	67.148	1	83366	11866872	0	Standard
	Fe	57	5374.988	ug/L	121.523	2	25333	4719945	0	Standard
	Mn	55	83.410	ug/L	1.139	1	1266	3778421	1	Standard
>	Ge	72		ug/L			116200	110894	1	KED
	Ni	60	1.642	ug/L	0.041	2	31	3060	1	KED
	Ni	62	1.610	ug/L	0.084	5	7	490	6	KED
	Cu	63	1.444	ug/L	0.031	2	140	7772	3	KED
	Cu	65	1.472	ug/L	0.022	1	73	3919	2	KED
	Zn	66	53.432	ug/L	0.250	0	255	42466	1	KED
	Zn	67	51.063	ug/L	0.639	1	37	6708	1	KED
	Y	89		ug/L			881699	802888	0	Standard
	Kr	83		ug/L			348	311	13	Standard
>	In-1	115		ug/L			37498	33494	0	KED
	Cd	111	0.285	ug/L	0.018	6	4	139	6	KED
	Cd	114	0.309	ug/L	0.029	9	4	377	9	KED
>	Tb	159		ug/L			2983616	2929642	1	Standard
	Pb	208	0.237	ug/L	0.004	1	547	27473	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0053-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:56:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	60209	1	Standard
	Cl	37		ug/L			7252120	7191425	0	Standard
>	Sc	45		ug/L			1742374	1709339	0	Standard
	Na	23	4078.308	ug/L	34.254	0	50260	80725307	0	Standard
	Mg	24	1674.855	ug/L	6.513	0	3488	46365969	0	Standard
	Al	27	888.055	ug/L	12.198	1	8890	22725220	1	Standard
	K	39	353.516	ug/L	6.375	1	350271	3439149	1	Standard
	Ca	44	7554.924	ug/L	82.421	1	16834	10392316	1	Standard
	Cr	52	1.903	ug/L	0.321	16	28003	86023	11	Standard
	Cr	53	1.837	ug/L	0.060	3	372	7558	2	Standard
	Fe	54	1295.824	ug/L	21.333	1	83366	2900564	1	Standard
	Fe	57	1393.975	ug/L	15.956	1	25333	1260625	0	Standard
	Mn	55	44.295	ug/L	0.914	2	1266	2036679	2	Standard
>	Ge	72		ug/L			116200	112028	0	KED
	Ni	60	1.211	ug/L	0.003	0	31	2287	0	KED
	Ni	62	1.256	ug/L	0.044	3	7	387	4	KED
	Cu	63	7.003	ug/L	0.201	2	140	37551	3	KED
	Cu	65	6.982	ug/L	0.047	0	73	18509	0	KED
	Zn	66	20.466	ug/L	0.426	2	255	16581	1	KED
	Zn	67	19.623	ug/L	0.490	2	37	2626	2	KED
	Y	89		ug/L			881699	815811	2	Standard
	Kr	83		ug/L			348	325	8	Standard
>	In-1	115		ug/L			37498	33840	2	KED
	Cd	111	0.018	ug/L	0.010	54	4	12	36	KED
	Cd	114	0.023	ug/L	0.002	8	4	31	5	KED
>	Tb	159		ug/L			2983616	2901400	2	Standard
	Pb	208	0.519	ug/L	0.013	2	547	58964	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:04:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	45548	0	Standard
	Cl	**37**		ug/L			7252120	7086865	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1617942	0	Standard
|	**Na**	**23**	**-0.163**	ug/L	0.032	19	50260	43612	0	Standard
|	**Mg**	**24**	**0.184**	ug/L	0.003	1	3488	8066	0	Standard
|	**Al**	**27**	**0.060**	ug/L	0.003	5	8890	9710	1	Standard
|	**K**	**39**	**1.736**	ug/L	0.231	13	350271	339637	0	Standard
|	**Ca**	**44**	**-2.633**	ug/L	0.050	1	16834	12208	0	Standard
|	**Cr**	**52**	**-0.008**	ug/L	0.008	103	28003	25778	0	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.002	45	372	362	2	Standard
|	**Fe**	**54**	**-0.610**	ug/L	0.917	150	83366	76155	2	Standard
|	**Fe**	**57**	**-7.908**	ug/L	0.178	2	25333	16888	0	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	30	1266	1345	3	Standard
⌈>	**Ge**	**72**		ug/L			116200	110269	2	KED
|	**Ni**	**60**	**0.005**	ug/L	0.003	67	31	38	17	KED
|	**Ni**	**62**	**0.012**	ug/L	0.011	87	7	10	26	KED
|	**Cu**	**63**	**0.002**	ug/L	0.002	93	140	144	4	KED
|	**Cu**	**65**	**0.004**	ug/L	0.007	191	73	79	21	KED
|	**Zn**	**66**	**0.039**	ug/L	0.045	115	255	273	13	KED
⌊	**Zn**	**67**	**0.054**	ug/L	0.055	102	37	42	16	KED
	Y	**89**		ug/L			881699	778397	1	Standard
	Kr	**83**		ug/L			348	311	3	Standard
⌈>	**In-1**	**115**		ug/L			37498	33867	1	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.002	219	4	3	31	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	231	4	2	71	KED
⌈>	**Tb**	**159**		ug/L			2983616	2795992	0	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.000	1	547	1207	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:08:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	35868	1	Standard
	Cl	**37**		ug/L			7252120	7213041	1	Standard
⎡>	**Sc**	**45**		ug/L			1742374	1651636	0	Standard
⎢	**Na**	**23**	**4968.428**	ug/L	71.281	1	50260	95013720	1	Standard
⎢	**Mg**	**24**	**5112.577**	ug/L	51.133	1	3488	136745789	0	Standard
⎢	**Al**	**27**	**4908.792**	ug/L	62.136	1	8890	121337981	1	Standard
⎢	**K**	**39**	**4857.894**	ug/L	120.014	2	350271	41432191	2	Standard
⎢	**Ca**	**44**	**4927.872**	ug/L	115.214	2	16834	6555266	2	Standard
⎢	**Cr**	**52**	**52.891**	ug/L	0.552	1	28003	1598037	0	Standard
⎢	**Cr**	**53**	**49.083**	ug/L	0.073	0	372	186043	0	Standard
⎢	**Fe**	**54**	**5046.353**	ug/L	71.588	1	83366	10685888	1	Standard
⎢	**Fe**	**57**	**4912.578**	ug/L	65.831	1	25333	4232084	1	Standard
⎣	**Mn**	**55**	**49.703**	ug/L	0.705	1	1266	2207898	1	Standard
⎡>	**Ge**	**72**		ug/L			116200	113659	0	KED
⎢	**Ni**	**60**	**48.841**	ug/L	0.192	0	31	92443	0	KED
⎢	**Ni**	**62**	**48.725**	ug/L	0.901	1	7	14985	2	KED
⎢	**Cu**	**63**	**48.999**	ug/L	0.292	0	140	265722	0	KED
⎢	**Cu**	**65**	**49.388**	ug/L	0.242	0	73	132397	0	KED
⎢	**Zn**	**66**	**50.276**	ug/L	0.609	1	255	40967	1	KED
⎣	**Zn**	**67**	**49.963**	ug/L	0.708	1	37	6729	1	KED
	Y	**89**		ug/L			881699	804571	0	Standard
	Kr	**83**		ug/L			348	342	0	Standard
⎡>	**In-1**	**115**		ug/L			37498	33408	0	KED
⎢	**Cd**	**111**	**50.215**	ug/L	0.237	0	4	23710	0	KED
⎣	**Cd**	**114**	**50.184**	ug/L	0.584	1	4	60570	1	KED
⎡>	**Tb**	**159**		ug/L			2983616	2858949	0	Standard
⎣	**Pb**	**208**	**50.003**	ug/L	0.640	1	547	5548601	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:15:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	33340	3	Standard
	Cl	**37**		ug/L			7252120	7028555	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1616066	1	Standard
|	**Na**	**23**	**-0.125**	ug/L	0.043	34	50260	44266	0	Standard
|	**Mg**	**24**	**0.186**	ug/L	0.018	9	3488	8086	4	Standard
|	**Al**	**27**	**-0.013**	ug/L	0.016	124	8890	7933	3	Standard
|	**K**	**39**	**2.588**	ug/L	0.704	27	350271	346247	0	Standard
|	**Ca**	**44**	**-3.388**	ug/L	0.092	2	16834	11214	0	Standard
|	**Cr**	**52**	**-0.032**	ug/L	0.008	26	28003	25046	1	Standard
|	**Cr**	**53**	**-0.016**	ug/L	0.005	31	372	286	7	Standard
|	**Fe**	**54**	**0.271**	ug/L	0.198	72	83366	77878	1	Standard
|	**Fe**	**57**	**-7.381**	ug/L	0.219	2	25333	17309	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	110	1266	1207	3	Standard
⌈>	**Ge**	**72**		ug/L			116200	111486	1	KED
|	**Ni**	**60**	**0.005**	ug/L	0.007	139	31	38	31	KED
|	**Ni**	**62**	**0.007**	ug/L	0.006	81	7	9	20	KED
|	**Cu**	**63**	**-0.003**	ug/L	0.003	105	140	121	13	KED
|	**Cu**	**65**	**-0.001**	ug/L	0.004	372	73	67	13	KED
|	**Zn**	**66**	**-0.054**	ug/L	0.026	48	255	201	9	KED
⌊	**Zn**	**67**	**-0.002**	ug/L	0.083	3558	37	35	29	KED
	Y	**89**		ug/L			881699	787815	0	Standard
	Kr	**83**		ug/L			348	292	12	Standard
⌈>	**In-1**	**115**		ug/L			37498	33864	0	KED
|	**Cd**	**111**	**0.000**	ug/L	0.005	2033	4	4	53	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	144	4	2	90	KED
⌈>	**Tb**	**159**		ug/L			2983616	2772792	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	25	547	635	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:21:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				32777	1	Standard
	Cl	**37**		ug/L				7088842	1	Standard
>	**Sc**	**45**		ug/L				1635217	1	Standard
	Na	**23**		ug/L				38169	1	Standard
	Mg	**24**		ug/L				3889	2	Standard
	Al	**27**		ug/L				4757	2	Standard
	K	**39**		ug/L				341471	0	Standard
	Ca	**44**		ug/L				10246	0	Standard
	Fe	**54**		ug/L				77814	1	Standard
	Fe	**57**		ug/L				17283	2	Standard
	Mn	**55**		ug/L				1035	3	Standard
>	**Ge**	**72**		ug/L				109077	2	KED
	Zn	**66**		ug/L				209	7	KED
	Zn	**67**		ug/L				27	17	KED
	Y	**89**		ug/L				796765	1	Standard
	Kr	**83**		ug/L				322	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:24:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	36099	1	Standard
	Cl	**37**		ug/L			7088842	7264009	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1643808	0	Standard
|	**Na**	**23**	**4954.971**	ug/L	50.319	1	38169	94302861	1	Standard
|	**Mg**	**24**	**5180.190**	ug/L	55.160	1	3889	137902499	1	Standard
|	**Al**	**27**	**4947.518**	ug/L	91.628	1	4757	121719932	2	Standard
|	**K**	**39**	**4875.396**	ug/L	84.786	1	341471	41397492	1	Standard
|	**Ca**	**44**	**4865.478**	ug/L	41.833	0	10246	6436497	1	Standard
|	**Fe**	**54**	**4998.248**	ug/L	62.061	1	77814	10534719	1	Standard
|	**Fe**	**57**	**4943.594**	ug/L	11.525	0	17283	4232006	0	Standard
⌊	**Mn**	**55**	**50.374**	ug/L	0.481	0	1035	2226985	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	111873	0	KED
|	**Zn**	**66**	**49.860**	ug/L	0.756	1	209	39958	0	KED
⌊	**Zn**	**67**	**50.257**	ug/L	0.688	1	27	6653	0	KED
	Y	**89**		ug/L			796765	806148	0	Standard
	Kr	**83**		ug/L			322	341	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:30:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	33243	2	Standard
	Cl	**37**		ug/L			7088842	7181566	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1639810	0	Standard
|	**Na**	**23**	**-0.001**	ug/L	0.009	1206	38169	38261	0	Standard
|	**Mg**	**24**	**0.048**	ug/L	0.005	9	3889	5162	2	Standard
|	**Al**	**27**	**0.054**	ug/L	0.006	10	4757	6087	2	Standard
|	**K**	**39**	**0.595**	ug/L	0.338	56	341471	347417	0	Standard
|	**Ca**	**44**	**-0.138**	ug/L	0.064	46	10246	10093	0	Standard
|	**Fe**	**54**	**0.529**	ug/L	0.378	71	77814	79135	0	Standard
|	**Fe**	**57**	**0.777**	ug/L	0.272	35	17283	17992	1	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	12	1035	1385	2	Standard
⌈>	**Ge**	**72**		ug/L			109077	109810	0	KED
|	**Zn**	**66**	**-0.005**	ug/L	0.032	648	209	206	11	KED
⌊	**Zn**	**67**	**0.018**	ug/L	0.081	447	27	29	35	KED
	Y	**89**		ug/L			796765	812586	0	Standard
	Kr	**83**		ug/L			322	330	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BLK3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:36:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	92504	1	Standard
	Cl	**37**		ug/L			7088842	7168319	2	Standard
>	**Sc**	**45**		ug/L			1635217	1654333	1	Standard
	Na	**23**	**3.550**	ug/L	0.094	2	38169	106554	0	Standard
	Mg	**24**	**0.639**	ug/L	0.004	0	3889	21055	2	Standard
	Al	**27**	**2.048**	ug/L	0.032	1	4757	55497	1	Standard
	K	**39**	**1.370**	ug/L	0.718	52	341471	357001	0	Standard
	Ca	**44**	**5.318**	ug/L	0.141	2	10246	17433	1	Standard
	Fe	**54**	**3.482**	ug/L	0.686	19	77814	86045	1	Standard
	Fe	**57**	**3.343**	ug/L	0.828	24	17283	20345	1	Standard
	Mn	**55**	**0.248**	ug/L	0.009	3	1035	12092	4	Standard
>	**Ge**	**72**		ug/L			109077	111946	1	KED
	Zn	**66**	**0.416**	ug/L	0.052	12	209	547	8	KED
	Zn	**67**	**0.322**	ug/L	0.058	17	27	70	10	KED
	Y	**89**		ug/L			796765	815400	1	Standard
	Kr	**83**		ug/L			322	326	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BS3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:39:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	96103	1	Standard
	Cl	**37**		ug/L			7088842	7348943	0	Standard
>	**Sc**	**45**		ug/L			1635217	1698057	0	Standard
	Na	**23**	**5008.853**	ug/L	1.455	0	38169	98471500	0	Standard
	Mg	**24**	**5034.847**	ug/L	15.322	0	3889	138456180	0	Standard
	Al	**27**	**5126.064**	ug/L	52.058	1	4757	130263041	0	Standard
	K	**39**	**4882.875**	ug/L	80.564	1	341471	42826516	1	Standard
	Ca	**44**	**4924.383**	ug/L	83.718	1	10246	6728825	1	Standard
	Fe	**54**	**4995.655**	ug/L	118.790	2	77814	10875598	1	Standard
	Fe	**57**	**5062.358**	ug/L	120.650	2	17283	4475863	1	Standard
	Mn	**55**	**27.588**	ug/L	0.537	1	1035	1260321	1	Standard
>	**Ge**	**72**		ug/L			109077	111972	0	KED
	Zn	**66**	**80.529**	ug/L	0.838	1	209	64465	0	KED
	Zn	**67**	**76.851**	ug/L	2.017	2	27	10168	1	KED
	Y	**89**		ug/L			796765	834616	0	Standard
	Kr	**83**		ug/L			322	345	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:42:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	87645	0	Standard
	Cl	**37**		ug/L			7088842	7179905	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1670347	1	Standard
|	**Na**	**23**	**3.080**	ug/L	0.066	2	38169	98516	0	Standard
|	**Mg**	**24**	**0.669**	ug/L	0.026	3	3889	22066	2	Standard
|	**Al**	**27**	**1.969**	ug/L	0.044	2	4757	54073	1	Standard
|	**K**	**39**	**2.773**	ug/L	0.690	24	341471	372481	0	Standard
|	**Ca**	**44**	**4.921**	ug/L	0.418	8	10246	17067	2	Standard
|	**Fe**	**54**	**12.474**	ug/L	0.789	6	77814	105988	0	Standard
|	**Fe**	**57**	**11.329**	ug/L	0.668	5	17283	27465	1	Standard
⌊	**Mn**	**55**	**0.817**	ug/L	0.012	1	1035	37739	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	113933	1	KED
|	**Zn**	**66**	**0.389**	ug/L	0.026	6	209	534	3	KED
⌊	**Zn**	**67**	**0.445**	ug/L	0.158	35	27	88	23	KED
	Y	**89**		ug/L			796765	819899	1	Standard
	Kr	**83**		ug/L			322	317	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BS4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:46:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	102776	2	Standard
	Cl	**37**		ug/L			7088842	7294614	1	Standard
>	**Sc**	**45**		ug/L			1635217	1706176	0	Standard
	Na	**23**	**5067.173**	ug/L	40.596	0	38169	100089272	0	Standard
	Mg	**24**	**5042.641**	ug/L	134.990	2	3889	139319270	2	Standard
	Al	**27**	**5024.513**	ug/L	72.682	1	4757	128287027	0	Standard
	K	**39**	**4919.059**	ug/L	56.835	1	341471	43349452	1	Standard
	Ca	**44**	**4909.483**	ug/L	39.913	0	10246	6740696	0	Standard
	Fe	**54**	**5071.356**	ug/L	10.578	0	77814	11093043	1	Standard
	Fe	**57**	**4978.293**	ug/L	38.819	0	17283	4423148	0	Standard
	Mn	**55**	**27.911**	ug/L	0.280	1	1035	1281165	0	Standard
>	**Ge**	**72**		ug/L			109077	111653	1	KED
	Zn	**66**	**81.799**	ug/L	1.832	2	209	65281	1	KED
	Zn	**67**	**76.618**	ug/L	2.334	3	27	10105	1	KED
	Y	**89**		ug/L			796765	825190	1	Standard
	Kr	**83**		ug/L			322	355	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-19
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:49:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	96686	2	Standard
	Cl	**37**		ug/L			7088842	7283872	0	Standard
>	**Sc**	**45**		ug/L			1635217	1679613	0	Standard
	Na	**23**	**8.384**	ug/L	0.086	1	38169	202171	0	Standard
	Mg	**24**	**1.340**	ug/L	0.008	0	3889	40451	0	Standard
	Al	**27**	**3.825**	ug/L	0.025	0	4757	101035	0	Standard
	K	**39**	**3.699**	ug/L	0.081	2	341471	382570	0	Standard
	Ca	**44**	**7.268**	ug/L	0.120	1	10246	20332	0	Standard
	Fe	**54**	**11.159**	ug/L	0.638	5	77814	103780	1	Standard
	Fe	**57**	**4.591**	ug/L	0.537	11	17283	21752	2	Standard
	Mn	**55**	**0.374**	ug/L	0.009	2	1035	17968	2	Standard
>	**Ge**	**72**		ug/L			109077	113559	0	KED
	Zn	**66**	**1.120**	ug/L	0.059	5	209	1123	3	KED
	Zn	**67**	**1.021**	ug/L	0.037	3	27	165	2	KED
	Y	**89**		ug/L			796765	830163	1	Standard
	Kr	**83**		ug/L			322	353	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:52:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	96571	0	Standard
	Cl	**37**		ug/L			7088842	6835924	0	Standard
>	**Sc**	**45**		ug/L			1635217	1717220	0	Standard
	Na	**23**	**1332.506**	ug/L	18.896	1	38169	26522705	2	Standard
	Mg	**24**	**1578.202**	ug/L	8.659	0	3889	43890812	0	Standard
	Al	**27**	**5.234**	ug/L	0.105	1	4757	139504	2	Standard
	K	**39**	**634.107**	ug/L	11.680	1	341471	5936314	1	Standard
	Ca	**44**	**10574.651**	ug/L	155.409	1	10246	14601742	2	Standard
	Fe	**54**	**9.627**	ug/L	0.235	2	77814	102757	1	Standard
	Fe	**57**	**30.297**	ug/L	1.026	3	17283	45129	1	Standard
	Mn	**55**	**1.799**	ug/L	0.037	2	1035	84146	1	Standard
>	**Ge**	**72**		ug/L			109077	112212	0	KED
	Zn	**66**	**10.464**	ug/L	0.163	1	209	8582	1	KED
	Zn	**67**	**9.885**	ug/L	0.340	3	27	1335	3	KED
	Y	**89**		ug/L			796765	828431	0	Standard
	Kr	**83**		ug/L			322	320	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-DUP3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:56:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	94249	0	Standard
	Cl	**37**		ug/L			7088842	6901298	1	Standard
>	**Sc**	**45**		ug/L			1635217	1691664	0	Standard
	Na	**23**	**1319.755**	ug/L	5.380	0	38169	25876470	0	Standard
	Mg	**24**	**1580.935**	ug/L	18.144	1	3889	43311900	0	Standard
	Al	**27**	**5.281**	ug/L	0.066	1	4757	138621	0	Standard
	K	**39**	**637.796**	ug/L	13.634	2	341471	5879643	1	Standard
	Ca	**44**	**10418.878**	ug/L	286.848	2	10246	14170034	2	Standard
	Fe	**54**	**7.702**	ug/L	0.476	6	77814	97076	0	Standard
	Fe	**57**	**30.390**	ug/L	1.106	3	17283	44537	1	Standard
	Mn	**55**	**1.773**	ug/L	0.024	1	1035	81673	0	Standard
>	**Ge**	**72**		ug/L			109077	111307	1	KED
	Zn	**66**	**10.748**	ug/L	0.194	1	209	8738	1	KED
	Zn	**67**	**10.198**	ug/L	0.280	2	27	1365	3	KED
	Y	**89**		ug/L			796765	808025	0	Standard
	Kr	**83**		ug/L			322	316	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MS3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:00:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	101578	0	Standard
	Cl	**37**		ug/L			7088842	6912936	1	Standard
>	**Sc**	**45**		ug/L			1635217	1691521	0	Standard
	Na	**23**	**6276.585**	ug/L	74.106	1	38169	122907912	1	Standard
	Mg	**24**	**6682.175**	ug/L	17.567	0	3889	183046060	0	Standard
	Al	**27**	**4976.097**	ug/L	54.486	1	4757	125971324	1	Standard
	K	**39**	**5437.036**	ug/L	77.448	1	341471	47463532	0	Standard
	Ca	**44**	**15176.578**	ug/L	293.387	1	10246	20635435	1	Standard
	Fe	**54**	**5030.829**	ug/L	63.485	1	77814	10910329	1	Standard
	Fe	**57**	**5001.799**	ug/L	65.902	1	17283	4405689	0	Standard
	Mn	**55**	**29.255**	ug/L	0.210	0	1035	1331298	0	Standard
>	**Ge**	**72**		ug/L			109077	110061	1	KED
	Zn	**66**	**88.955**	ug/L	1.200	1	209	69969	0	KED
	Zn	**67**	**85.134**	ug/L	0.449	0	27	11069	0	KED
	Y	**89**		ug/L			796765	800533	1	Standard
	Kr	**83**		ug/L			322	344	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MSD3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:05:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	94941	1	Standard
	Cl	**37**		ug/L			7088842	7003486	0	Standard
>	**Sc**	**45**		ug/L			1635217	1722909	1	Standard
	Na	**23**	**6227.268**	ug/L	97.405	1	38169	124186691	0	Standard
	Mg	**24**	**6586.669**	ug/L	160.678	2	3889	183745056	1	Standard
	Al	**27**	**4979.267**	ug/L	96.415	1	4757	128365917	0	Standard
	K	**39**	**5392.410**	ug/L	116.408	2	341471	47945688	1	Standard
	Ca	**44**	**15197.484**	ug/L	304.416	2	10246	21052759	3	Standard
	Fe	**54**	**4955.426**	ug/L	82.590	1	77814	10945496	0	Standard
	Fe	**57**	**4937.491**	ug/L	61.405	1	17283	4430204	2	Standard
	Mn	**55**	**29.031**	ug/L	0.439	1	1035	1345517	1	Standard
>	**Ge**	**72**		ug/L			109077	107931	0	KED
	Zn	**66**	**90.223**	ug/L	1.063	1	209	69596	1	KED
	Zn	**67**	**85.337**	ug/L	1.209	1	27	10881	1	KED
	Y	**89**		ug/L			796765	817955	2	Standard
	Kr	**83**		ug/L			322	359	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:11:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	44365	2	Standard
	Cl	**37**		ug/L			7088842	7022057	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1661505	2	Standard
|	**Na**	**23**	**-0.191**	ug/L	0.022	11	38169	35114	1	Standard
|	**Mg**	**24**	**0.228**	ug/L	0.040	17	3889	10088	11	Standard
|	**Al**	**27**	**0.277**	ug/L	0.028	10	4757	11736	7	Standard
|	**K**	**39**	**-1.842**	ug/L	0.605	32	341471	331210	0	Standard
|	**Ca**	**44**	**0.795**	ug/L	0.147	18	10246	11470	1	Standard
|	**Fe**	**54**	**-0.097**	ug/L	0.917	946	77814	78845	2	Standard
|	**Fe**	**57**	**0.258**	ug/L	0.798	309	17283	17774	1	Standard
⌊	**Mn**	**55**	**0.045**	ug/L	0.002	3	1035	3058	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	106989	0	KED
|	**Zn**	**66**	**0.085**	ug/L	0.022	25	209	270	6	KED
⌊	**Zn**	**67**	**0.176**	ug/L	0.156	88	27	48	39	KED
	Y	**89**		ug/L			796765	794502	1	Standard
	Kr	**83**		ug/L			322	311	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:15:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	35953	0	Standard
	Cl	**37**		ug/L			7088842	7249880	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1661388	1	Standard
|	**Na**	**23**	**4980.372**	ug/L	73.869	1	38169	95784041	0	Standard
|	**Mg**	**24**	**5173.485**	ug/L	31.729	0	3889	139189491	1	Standard
|	**Al**	**27**	**5034.096**	ug/L	93.389	1	4757	125150104	1	Standard
|	**K**	**39**	**4839.002**	ug/L	52.022	1	341471	41526972	0	Standard
|	**Ca**	**44**	**4888.997**	ug/L	96.818	1	10246	6535361	0	Standard
|	**Fe**	**54**	**4977.227**	ug/L	80.351	1	77814	10601101	0	Standard
|	**Fe**	**57**	**4906.097**	ug/L	96.494	1	17283	4244319	1	Standard
⌊	**Mn**	**55**	**49.898**	ug/L	0.644	1	1035	2229296	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	111192	0	KED
|	**Zn**	**66**	**50.680**	ug/L	0.837	1	209	40368	1	KED
⌊	**Zn**	**67**	**50.432**	ug/L	0.762	1	27	6636	1	KED
	Y	**89**		ug/L			796765	816387	0	Standard
	Kr	**83**		ug/L			322	339	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:21:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	33980	0	Standard
	Cl	**37**		ug/L			7088842	7164313	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1643394	1	Standard
|	**Na**	**23**	**-0.283**	ug/L	0.037	13	38169	32986	2	Standard
|	**Mg**	**24**	**0.119**	ug/L	0.059	49	3889	7084	23	Standard
|	**Al**	**27**	**0.131**	ug/L	0.064	48	4757	8003	20	Standard
|	**K**	**39**	**-0.446**	ug/L	0.394	88	341471	339400	0	Standard
|	**Ca**	**44**	**-0.448**	ug/L	0.183	40	10246	9705	2	Standard
|	**Fe**	**54**	**0.559**	ug/L	0.405	72	77814	79367	0	Standard
|	**Fe**	**57**	**1.925**	ug/L	0.452	23	17283	19008	1	Standard
⌊	**Mn**	**55**	**0.029**	ug/L	0.001	4	1035	2332	3	Standard
⌈>	**Ge**	**72**		ug/L			109077	109919	1	KED
|	**Zn**	**66**	**-0.002**	ug/L	0.011	574	209	209	2	KED
⌊	**Zn**	**67**	**0.017**	ug/L	0.044	250	27	29	20	KED
	Y	**89**		ug/L			796765	800643	1	Standard
	Kr	**83**		ug/L			322	332	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-11
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:28:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	38596	0	Standard
	Cl	**37**		ug/L			7088842	7000902	0	Standard
>	**Sc**	**45**		ug/L			1635217	1679157	1	Standard
	Na	**23**	**572.883**	ug/L	6.417	1	38169	11170948	0	Standard
	Mg	**24**	**1604.564**	ug/L	44.298	2	3889	43624909	1	Standard
	Al	**27**	**14.098**	ug/L	0.070	0	4757	359140	1	Standard
	K	**39**	**285.008**	ug/L	3.206	1	341471	2801986	0	Standard
	Ca	**44**	**8864.497**	ug/L	247.357	2	10246	11967424	1	Standard
	Fe	**54**	**542.118**	ug/L	6.078	1	77814	1238273	0	Standard
	Fe	**57**	**547.130**	ug/L	0.566	0	17283	494236	1	Standard
	Mn	**55**	**101.715**	ug/L	1.347	1	1035	4591909	1	Standard
>	**Ge**	**72**		ug/L			109077	108741	0	KED
	Zn	**66**	**219.597**	ug/L	2.043	0	209	170362	0	KED
	Zn	**67**	**202.034**	ug/L	3.505	1	27	25916	1	KED
	Y	**89**		ug/L			796765	811052	0	Standard
	Kr	**83**		ug/L			322	319	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-14
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:31:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	38819	0	Standard
	Cl	37		ug/L			7088842	6922189	0	Standard
>	Sc	45		ug/L			1635217	1666844	0	Standard
	Na	23	580.695	ug/L	4.906	0	38169	11240783	0	Standard
	Mg	24	1656.018	ug/L	12.047	0	3889	44705250	0	Standard
	Al	27	178.892	ug/L	1.553	0	4757	4467324	0	Standard
	K	39	181.074	ug/L	3.722	2	341471	1894253	1	Standard
	Ca	44	8367.108	ug/L	56.640	0	10246	11216072	0	Standard
	Fe	54	1579.352	ug/L	9.632	0	77814	3429580	0	Standard
	Fe	57	1731.279	ug/L	5.458	0	17283	1514300	0	Standard
	Mn	55	116.312	ug/L	0.549	0	1035	5212685	0	Standard
>	Ge	72		ug/L			109077	110711	1	KED
	Zn	66	18.957	ug/L	0.708	3	209	15164	2	KED
	Zn	67	17.861	ug/L	0.514	2	27	2357	2	KED
	Y	89		ug/L			796765	818173	2	Standard
	Kr	83		ug/L			322	330	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-15
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:35:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	39287	1	Standard
	Cl	**37**		ug/L			7088842	6819712	2	Standard
>	**Sc**	**45**		ug/L			1635217	1660424	0	Standard
	Na	**23**	**519.978**	ug/L	5.747	1	38169	10030175	0	Standard
	Mg	**24**	**1498.084**	ug/L	44.983	3	3889	40280913	2	Standard
	Al	**27**	**1146.982**	ug/L	39.614	3	4757	28501667	2	Standard
	K	**39**	**668.481**	ug/L	10.006	1	341471	6032530	1	Standard
	Ca	**44**	**8930.981**	ug/L	241.785	2	10246	11923768	2	Standard
	Fe	**54**	**5446.082**	ug/L	95.559	1	77814	11586378	1	Standard
	Fe	**57**	**5412.149**	ug/L	136.282	2	17283	4677791	1	Standard
	Mn	**55**	**123.181**	ug/L	2.560	2	1035	5498696	1	Standard
>	**Ge**	**72**		ug/L			109077	109449	1	KED
	Zn	**66**	**60.495**	ug/L	0.762	1	209	47385	0	KED
	Zn	**67**	**56.700**	ug/L	1.763	3	27	7339	2	KED
	Y	**89**		ug/L			796765	835338	2	Standard
	Kr	**83**		ug/L			322	337	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-26
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:38:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	38857	1	Standard
	Cl	**37**		ug/L			7088842	6797371	0	Standard
>	**Sc**	**45**		ug/L			1635217	1667542	1	Standard
	Na	**23**	**338.309**	ug/L	2.829	0	38169	6567619	1	Standard
	Mg	**24**	**710.504**	ug/L	18.463	2	3889	19187047	1	Standard
	Al	**27**	**353.877**	ug/L	2.700	0	4757	8836104	1	Standard
	K	**39**	**629.080**	ug/L	11.809	1	341471	5720952	0	Standard
	Ca	**44**	**5027.666**	ug/L	131.255	2	10246	6746153	2	Standard
	Fe	**54**	**788.614**	ug/L	10.304	1	77814	1752731	0	Standard
	Fe	**57**	**772.470**	ug/L	5.673	0	17283	685709	1	Standard
	Mn	**55**	**174.519**	ug/L	2.148	1	1035	7823022	0	Standard
>	**Ge**	**72**		ug/L			109077	110157	0	KED
	Zn	**66**	**23.502**	ug/L	0.214	0	209	18659	1	KED
	Zn	**67**	**22.147**	ug/L	0.600	2	27	2902	2	KED
	Y	**89**		ug/L			796765	801530	0	Standard
	Kr	**83**		ug/L			322	340	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-27
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:41:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	38370	1	Standard
	Cl	**37**		ug/L			7088842	6889040	0	Standard
>	**Sc**	**45**		ug/L			1635217	1663621	2	Standard
	Na	**23**	**314.460**	ug/L	5.947	1	38169	6091559	1	Standard
	Mg	**24**	**637.354**	ug/L	14.193	2	3889	17172597	2	Standard
	Al	**27**	**144.871**	ug/L	3.167	2	4757	3610364	0	Standard
	K	**39**	**332.043**	ug/L	10.242	3	341471	3176215	2	Standard
	Ca	**44**	**4449.813**	ug/L	59.209	1	10246	5957095	1	Standard
	Fe	**54**	**0.772**	ug/L	1.569	203	77814	80746	1	Standard
	Fe	**57**	**12.198**	ug/L	1.212	9	17283	28097	3	Standard
	Mn	**55**	**105.839**	ug/L	2.225	2	1035	4732911	1	Standard
>	**Ge**	**72**		ug/L			109077	109151	0	KED
	Zn	**66**	**25.967**	ug/L	0.547	2	209	20407	2	KED
	Zn	**67**	**24.650**	ug/L	0.493	2	27	3198	2	KED
	Y	**89**		ug/L			796765	816794	2	Standard
	Kr	**83**		ug/L			322	330	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-18
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:45:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	37337	0	Standard
	Cl	37		ug/L			7088842	6797002	1	Standard
>	Sc	45		ug/L			1635217	1654186	1	Standard
	Na	23	658.728	ug/L	10.241	1	38169	12646979	0	Standard
	Mg	24	2154.012	ug/L	54.413	2	3889	57693691	1	Standard
	Al	27	810.338	ug/L	22.303	2	4757	20058705	1	Standard
	K	39	891.812	ug/L	16.513	1	341471	7901006	0	Standard
	Ca	44	11817.059	ug/L	244.718	2	10246	15713621	1	Standard
	Fe	54	9319.909	ug/L	189.982	2	77814	19694317	0	Standard
	Fe	57	9268.053	ug/L	264.064	2	17283	7966251	1	Standard
	Mn	55	118.783	ug/L	1.584	1	1035	5282332	1	Standard
>	Ge	72		ug/L			109077	108977	0	KED
	Zn	66	125.098	ug/L	0.404	0	209	97352	0	KED
	Zn	67	113.911	ug/L	0.969	0	27	14656	0	KED
	Y	89		ug/L			796765	825005	1	Standard
	Kr	83		ug/L			322	340	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-~~DUP2~~DUP3
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:49:32
MB 7/15/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	37129	2	Standard
	Cl	37		ug/L			7088842	6827000	2	Standard
>	Sc	45		ug/L			1635217	1638122	0	Standard
	Na	23	671.050	ug/L	2.863	0	38169	12760007	0	Standard
	Mg	24	2165.919	ug/L	28.534	1	3889	57460987	1	Standard
	Al	27	822.681	ug/L	26.821	3	4757	20171112	2	Standard
	K	39	907.523	ug/L	9.124	1	341471	7957640	0	Standard
	Ca	44	11850.989	ug/L	109.942	0	10246	15607947	0	Standard
	Fe	54	9353.059	ug/L	94.277	1	77814	19577085	1	Standard
	Fe	57	9324.763	ug/L	139.064	1	17283	7939983	1	Standard
	Mn	55	120.149	ug/L	1.566	1	1035	5291665	1	Standard
>	Ge	72		ug/L			109077	108688	0	KED
	Zn	66	125.851	ug/L	1.760	1	209	97683	2	KED
	Zn	67	115.824	ug/L	0.937	0	27	14862	1	KED
	Y	89		ug/L			796765	807648	0	Standard
	Kr	83		ug/L			322	337	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-~~MS2~~ MS3
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:53:15
MB 7/15/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	37151	0	Standard
	Cl	37		ug/L			7088842	6703645	0	Standard
>	Sc	45		ug/L			1635217	1626732	0	Standard
	Na	23	1183.135	ug/L	7.335	0	38169	22311776	0	Standard
	Mg	24	2748.492	ug/L	29.625	1	3889	72408233	0	Standard
	Al	27	1358.915	ug/L	17.174	1	4757	33086724	1	Standard
	K	39	1407.212	ug/L	13.653	0	341471	12066373	0	Standard
	Ca	44	12433.136	ug/L	293.012	2	10246	16260366	2	Standard
	Fe	54	9865.927	ug/L	121.132	1	77814	20502287	1	Standard
	Fe	57	9807.917	ug/L	45.419	0	17283	8292044	0	Standard
	Mn	55	STL 121.471	ug/L	1.669	1	1035	5312793	1	Standard
>	Ge	72		ug/L			109077	108575	0	KED
	Zn	66	133.676	ug/L	1.718	1	209	103624	0	KED
	Zn	67	122.874	ug/L	0.820	0	27	15748	0	KED
	Y	89		ug/L			796765	815610	1	Standard
	Kr	83		ug/L			322	341	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-~~MSD2~~ MSD3
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:57:59
MB 7/15/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean		Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13			ug/L			32777	36392	1	Standard
	Cl	37			ug/L			7088842	6623812	0	Standard
>	Sc	45			ug/L			1635217	1611710	1	Standard
	Na	23	1160.821		ug/L	13.354	1	38169	21687746	0	Standard
	Mg	24	2686.950		ug/L	32.204	1	3889	70127716	0	Standard
	Al	27	1307.600		ug/L	18.325	1	4757	31540821	0	Standard
	K	39	1375.925		ug/L	10.788	0	341471	11696069	0	Standard
	Ca	44	12130.380		ug/L	408.696	3	10246	15714781	2	Standard
	Fe	54	9670.835		ug/L	89.505	0	77814	19911552	0	Standard
	Fe	57	9529.512		ug/L	113.480	1	17283	7982058	0	Standard
	Mn	55	118.467	STL	ug/L	1.800	1	1035	5133085	0	Standard
>	Ge	72			ug/L			109077	108425	2	KED
	Zn	66	128.383		ug/L	1.208	0	209	99395	2	KED
	Zn	67	120.483		ug/L	0.460	0	27	15422	2	KED
	Y	89			ug/L			796765	808923	0	Standard
	Kr	83			ug/L			322	326	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:04:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43166	0	Standard
	Cl	**37**		ug/L			7088842	6851700	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1594685	1	Standard
|	**Na**	**23**	**-0.351**	ug/L	0.028	7	38169	30735	0	Standard
|	**Mg**	**24**	**0.200**	ug/L	0.013	6	3889	8959	2	Standard
|	**Al**	**27**	**0.238**	ug/L	0.003	1	4757	10315	0	Standard
|	**K**	**39**	**-3.061**	ug/L	0.352	11	341471	307977	0	Standard
|	**Ca**	**44**	**0.735**	ug/L	0.277	37	10246	10931	2	Standard
|	**Fe**	**54**	**0.300**	ug/L	0.759	253	77814	76482	0	Standard
|	**Fe**	**57**	**0.203**	ug/L	0.658	323	17283	17027	4	Standard
⌊	**Mn**	**55**	**0.022**	ug/L	0.002	9	1035	1961	3	Standard
⌈>	**Ge**	**72**		ug/L			109077	106101	0	KED
|	**Zn**	**66**	**0.104**	ug/L	0.040	38	209	282	11	KED
⌊	**Zn**	**67**	**0.179**	ug/L	0.024	13	27	48	5	KED
	Y	**89**		ug/L			796765	768980	1	Standard
	Kr	**83**		ug/L			322	330	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:09:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	35428	2	Standard
	Cl	**37**		ug/L			7088842	7084914	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1636254	1	Standard
|	**Na**	**23**	**5043.664**	ug/L	28.323	0	38169	95541895	0	Standard
|	**Mg**	**24**	**5293.596**	ug/L	137.522	2	3889	140241342	1	Standard
|	**Al**	**27**	**5134.421**	ug/L	16.887	0	4757	125728158	1	Standard
|	**K**	**39**	**4827.883**	ug/L	73.366	1	341471	40803931	0	Standard
|	**Ca**	**44**	**5128.114**	ug/L	94.352	1	10246	6753204	3	Standard
|	**Fe**	**54**	**5080.110**	ug/L	86.258	1	77814	10654981	0	Standard
|	**Fe**	**57**	**5011.375**	ug/L	147.305	2	17283	4268987	1	Standard
⌊	**Mn**	**55**	**49.974**	ug/L	0.435	0	1035	2199015	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	109077	0	KED
|	**Zn**	**66**	**51.123**	ug/L	0.518	1	209	39945	1	KED
⌊	**Zn**	**67**	**51.913**	ug/L	1.831	3	27	6699	3	KED
	Y	**89**		ug/L			796765	793933	2	Standard
	Kr	**83**		ug/L			322	312	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:15:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	32441	1	Standard
	Cl	**37**		ug/L			7088842	7013292	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1620904	1	Standard
|	**Na**	**23**	**-0.393**	ug/L	0.025	6	38169	30452	0	Standard
|	**Mg**	**24**	**0.071**	ug/L	0.006	8	3889	5709	3	Standard
|	**Al**	**27**	**0.065**	ug/L	0.003	5	4757	6294	1	Standard
|	**K**	**39**	**-1.977**	ug/L	0.496	25	341471	322028	0	Standard
|	**Ca**	**44**	**-0.631**	ug/L	0.108	17	10246	9333	1	Standard
|	**Fe**	**54**	**0.497**	ug/L	0.356	71	77814	78151	0	Standard
|	**Fe**	**57**	**0.675**	ug/L	0.693	102	17283	17695	2	Standard
⌊	**Mn**	**55**	**0.014**	ug/L	0.001	5	1035	1631	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	108958	0	KED
|	**Zn**	**66**	**0.031**	ug/L	0.042	132	209	233	13	KED
⌊	**Zn**	**67**	**0.030**	ug/L	0.061	204	27	31	25	KED
	Y	**89**		ug/L			796765	773664	0	Standard
	Kr	**83**		ug/L			322	333	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-02
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:22:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	42550	1	Standard
	Cl	**37**		ug/L			7088842	6789094	0	Standard
>	**Sc**	**45**		ug/L			1635217	1681681	0	Standard
	Na	**23**	**753.130**	ug/L	7.592	1	38169	14696248	0	Standard
	Mg	**24**	**1603.169**	ug/L	35.554	2	3889	43660310	1	Standard
	Al	**27**	**936.155**	ug/L	17.843	1	4757	23563581	1	Standard
	K	**39**	**1309.044**	ug/L	26.717	2	341471	11627573	1	Standard
	Ca	**44**	**10059.034**	ug/L	151.889	1	10246	13601336	0	Standard
	Fe	**54**	**2376.628**	ug/L	31.498	1	77814	5166281	1	Standard
	Fe	**57**	**2402.202**	ug/L	43.262	1	17283	2112886	1	Standard
	Mn	**55**	**108.983**	ug/L	1.782	1	1035	4927511	1	Standard
>	**Ge**	**72**		ug/L			109077	107983	1	KED
	Zn	**66**	**65.583**	ug/L	0.602	0	209	50666	0	KED
	Zn	**67**	**61.029**	ug/L	1.109	1	27	7792	1	KED
	Y	**89**		ug/L			796765	818511	0	Standard
	Kr	**83**		ug/L			322	325	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-12
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:25:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	41348	0	Standard
	Cl	**37**		ug/L			7088842	6890398	0	Standard
>	**Sc**	**45**		ug/L			1635217	1648431	0	Standard
	Na	**23**	**1000.788**	ug/L	19.734	1	38169	19128696	1	Standard
	Mg	**24**	**2867.864**	ug/L	32.675	1	3889	76556729	0	Standard
	Al	**27**	**4.010**	ug/L	0.101	2	4757	103713	1	Standard
	K	**39**	**2996.455**	ug/L	34.970	1	341471	25646335	0	Standard
	Ca	**44**	**22372.470**	ug/L	231.491	1	10246	29640973	0	Standard
	Fe	**54**	**6642.663**	ug/L	61.240	0	77814	14013866	1	Standard
	Fe	**57**	**6519.374**	ug/L	129.587	1	17283	5590631	1	Standard
	Mn	**55**	**110.944**	ug/L	3.078	2	1035	4916525	1	Standard
>	**Ge**	**72**		ug/L			109077	108535	1	KED
	Zn	**66**	**6.970**	ug/L	0.062	0	209	5599	2	KED
	Zn	**67**	**7.087**	ug/L	0.293	4	27	933	2	KED
	Y	**89**		ug/L			796765	776995	1	Standard
	Kr	**83**		ug/L			322	304	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-16
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:28:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	41899	1	Standard
	Cl	**37**		ug/L			7088842	6969322	1	Standard
>	**Sc**	**45**		ug/L			1635217	1629561	1	Standard
	Na	**23**	**1123.854**	ug/L	16.830	1	38169	21229524	0	Standard
	Mg	**24**	**1948.772**	ug/L	25.079	1	3889	51436467	2	Standard
	Al	**27**	**2.069**	ug/L	0.015	0	4757	55201	2	Standard
	K	**39**	**962.813**	ug/L	4.381	0	341471	8377555	1	Standard
	Ca	**44**	**12169.290**	ug/L	291.754	2	10246	15939853	1	Standard
	Fe	**54**	**14.910**	ug/L	1.677	11	77814	108431	1	Standard
	Fe	**57**	**45.462**	ug/L	1.687	3	17283	55631	1	Standard
	Mn	**55**	**201.175**	ug/L	4.723	2	1035	8811631	1	Standard
>	**Ge**	**72**		ug/L			109077	111025	0	KED
	Zn	**66**	**0.184**	ug/L	0.055	29	209	359	12	KED
	Zn	**67**	**0.506**	ug/L	0.031	6	27	93	4	KED
	Y	**89**		ug/L			796765	766643	0	Standard
	Kr	**83**		ug/L			322	354	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-24
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:32:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	41738	1	Standard
	Cl	**37**		ug/L			7088842	6999387	0	Standard
>	**Sc**	**45**		ug/L			1635217	1650214	1	Standard
	Na	**23**	**662.797**	ug/L	3.212	0	38169	12696047	1	Standard
	Mg	**24**	**1555.821**	ug/L	18.665	1	3889	41579145	1	Standard
	Al	**27**	**20.462**	ug/L	0.323	1	4757	510053	0	Standard
	K	**39**	**793.917**	ug/L	9.489	1	341471	7056527	2	Standard
	Ca	**44**	**11007.714**	ug/L	147.447	1	10246	14605511	2	Standard
	Fe	**54**	**2.737**	ug/L	0.287	10	77814	84272	0	Standard
	Fe	**57**	**31.192**	ug/L	0.678	2	17283	44136	1	Standard
	Mn	**55**	**158.935**	ug/L	0.292	0	1035	7051345	1	Standard
>	**Ge**	**72**		ug/L			109077	107750	1	KED
	Zn	**66**	**4.159**	ug/L	0.244	5	209	3399	4	KED
	Zn	**67**	**4.228**	ug/L	0.062	1	27	563	1	KED
	Y	**89**		ug/L			796765	767649	1	Standard
	Kr	**83**		ug/L			322	316	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-10
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:35:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43316	1	Standard
	Cl	**37**		ug/L			7088842	7148971	1	Standard
>	**Sc**	**45**		ug/L			1635217	1640765	1	Standard
	Na	**23**	**1128.538**	ug/L	17.805	1	38169	21464666	0	Standard
	Mg	**24**	**1508.173**	ug/L	19.138	1	3889	40072138	0	Standard
	Al	**27**	**7.644**	ug/L	0.136	1	4757	192432	1	Standard
	K	**39**	**380.101**	ug/L	12.385	3	341471	3536414	1	Standard
	Ca	**44**	**10357.768**	ug/L	234.423	2	10246	13662826	1	Standard
	Fe	**54**	**8.192**	ug/L	1.018	12	77814	95164	1	Standard
	Fe	**57**	**37.231**	ug/L	1.985	5	17283	49007	1	Standard
	Mn	**55**	**14.455**	ug/L	0.181	1	1035	638543	1	Standard
>	**Ge**	**72**		ug/L			109077	107452	1	KED
	Zn	**66**	**0.342**	ug/L	0.057	16	209	468	9	KED
	Zn	**67**	**1.086**	ug/L	0.080	7	27	164	5	KED
	Y	**89**		ug/L			796765	756955	2	Standard
	Kr	**83**		ug/L			322	313	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-13
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:38:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	43192	0	Standard
	Cl	37		ug/L			7088842	7102444	0	Standard
>	Sc	45		ug/L			1635217	1611727	0	Standard
	Na	23	705.482	ug/L	4.786	0	38169	13196387	0	Standard
	Mg	24	1063.676	ug/L	19.635	1	3889	27763766	1	Standard
	Al	27	1.487	ug/L	0.034	2	4757	40561	1	Standard
	K	39	433.788	ug/L	0.737	0	341471	3918128	0	Standard
	Ca	44	8834.613	ug/L	300.316	3	10246	11448449	2	Standard
	Fe	54	1.553	ug/L	0.442	28	77814	79877	0	Standard
	Fe	57	26.769	ug/L	1.071	4	17283	39407	1	Standard
	Mn	55	0.512	ug/L	0.008	1	1035	23198	0	Standard
>	Ge	72		ug/L			109077	107573	0	KED
	Zn	66	0.205	ug/L	0.024	11	209	363	5	KED
	Zn	67	0.639	ug/L	0.044	6	27	107	5	KED
	Y	89		ug/L			796765	758284	1	Standard
	Kr	83		ug/L			322	301	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-25
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:42:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43029	1	Standard
	Cl	**37**		ug/L			7088842	7035672	1	Standard
>	**Sc**	**45**		ug/L			1635217	1619402	1	Standard
	Na	**23**	**529.978**	ug/L	11.721	2	38169	9968214	1	Standard
	Mg	**24**	**1163.017**	ug/L	23.598	2	3889	30496821	0	Standard
	Al	**27**	**1.910**	ug/L	0.037	1	4757	50983	0	Standard
	K	**39**	**550.830**	ug/L	2.429	0	341471	4907827	1	Standard
	Ca	**44**	**7968.952**	ug/L	77.820	0	10246	10377946	1	Standard
	Fe	**54**	**1.978**	ug/L	0.692	34	77814	81124	0	Standard
	Fe	**57**	**23.672**	ug/L	0.766	3	17283	36996	2	Standard
	Mn	**55**	**10.601**	ug/L	0.062	0	1035	462471	1	Standard
>	**Ge**	**72**		ug/L			109077	107244	0	KED
	Zn	**66**	**0.437**	ug/L	0.005	1	209	540	1	KED
	Zn	**67**	**0.642**	ug/L	0.037	5	27	107	3	KED
	Y	**89**		ug/L			796765	775474	1	Standard
	Kr	**83**		ug/L			322	295	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-28
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:45:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43978	1	Standard
	Cl	**37**		ug/L			7088842	7153755	2	Standard
>	**Sc**	**45**		ug/L			1635217	1650746	2	Standard
	Na	**23**	**577.473**	ug/L	10.319	1	38169	11067300	0	Standard
	Mg	**24**	**1558.190**	ug/L	3.276	0	3889	41659492	2	Standard
	Al	**27**	**1.084**	ug/L	0.014	1	4757	31571	2	Standard
	K	**39**	**431.475**	ug/L	11.590	2	341471	3992322	2	Standard
	Ca	**44**	**9264.784**	ug/L	58.531	0	10246	12297154	1	Standard
	Fe	**54**	**1.227**	ug/L	1.191	97	77814	81090	0	Standard
	Fe	**57**	**27.565**	ug/L	1.286	4	17283	41047	3	Standard
	Mn	**55**	**0.258**	ug/L	0.004	1	1035	12495	1	Standard
>	**Ge**	**72**		ug/L			109077	108764	0	KED
	Zn	**66**	**0.488**	ug/L	0.034	6	209	586	4	KED
	Zn	**67**	**0.649**	ug/L	0.148	22	27	110	17	KED
	Y	**89**		ug/L			796765	757482	1	Standard
	Kr	**83**		ug/L			322	326	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-32
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:50:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	42826	2	Standard
	Cl	**37**		ug/L			7088842	7259976	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1649799	1	Standard
|	**Na**	**23**	**908.383**	ug/L	11.665	1	38169	17380460	0	Standard
|	**Mg**	**24**	**581.128**	ug/L	6.802	1	3889	15528715	0	Standard
|	**Al**	**27**	**1.119**	ug/L	0.030	2	4757	32426	1	Standard
|	**K**	**39**	**268.343**	ug/L	8.929	3	341471	2611833	1	Standard
|	**Ca**	**44**	**6289.083**	ug/L	67.308	1	10246	8346669	1	Standard
|	**Fe**	**54**	**1.982**	ug/L	0.311	15	77814	82664	0	Standard
|	**Fe**	**57**	**20.114**	ug/L	1.201	5	17283	34640	1	Standard
⌊	**Mn**	**55**	**0.483**	ug/L	0.007	1	1035	22469	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	106076	0	KED
|	**Zn**	**66**	**0.249**	ug/L	0.008	3	209	391	1	KED
⌊	**Zn**	**67**	**0.448**	ug/L	0.181	40	27	82	27	KED
	Y	**89**		ug/L			796765	777752	1	Standard
	Kr	**83**		ug/L			322	299	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:57:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	42076	1	Standard
	Cl	**37**		ug/L			7088842	7243935	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1599845	1	Standard
|	**Na**	**23**	**-0.574**	ug/L	0.019	3	38169	26709	0	Standard
|	**Mg**	**24**	**0.213**	ug/L	0.013	6	3889	9317	3	Standard
|	**Al**	**27**	**0.209**	ug/L	0.012	5	4757	9653	2	Standard
|	**K**	**39**	**-1.115**	ug/L	0.462	41	341471	324913	0	Standard
|	**Ca**	**44**	**0.300**	ug/L	0.174	57	10246	10409	1	Standard
|	**Fe**	**54**	**-0.389**	ug/L	0.705	181	77814	75330	1	Standard
|	**Fe**	**57**	**1.466**	ug/L	0.504	34	17283	18123	1	Standard
⌊	**Mn**	**55**	**0.017**	ug/L	0.001	5	1035	1746	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	105099	0	KED
|	**Zn**	**66**	**0.136**	ug/L	0.016	11	209	303	4	KED
⌊	**Zn**	**67**	**0.198**	ug/L	0.007	3	27	50	2	KED
	Y	**89**		ug/L			796765	762781	2	Standard
	Kr	**83**		ug/L			322	295	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:01:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	34479	0	Standard
	Cl	**37**		ug/L			7088842	7369992	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1612325	1	Standard
|	**Na**	**23**	**5055.178**	ug/L	185.043	3	38169	94341011	2	Standard
|	**Mg**	**24**	**5269.321**	ug/L	185.554	3	3889	137544423	2	Standard
|	**Al**	**27**	**5134.959**	ug/L	21.426	0	4757	123903508	1	Standard
|	**K**	**39**	**4822.857**	ug/L	78.140	1	341471	40166202	0	Standard
|	**Ca**	**44**	**4965.466**	ug/L	105.692	2	10246	6441494	1	Standard
|	**Fe**	**54**	**5032.506**	ug/L	135.673	2	77814	10401087	1	Standard
|	**Fe**	**57**	**5000.539**	ug/L	72.955	1	17283	4198110	0	Standard
⌊	**Mn**	**55**	**49.480**	ug/L	0.639	1	1035	2145442	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	106935	1	KED
|	**Zn**	**66**	**50.406**	ug/L	0.922	1	209	38610	1	KED
⌊	**Zn**	**67**	**50.684**	ug/L	0.654	1	27	6413	0	KED
	Y	**89**		ug/L			796765	780191	0	Standard
	Kr	**83**		ug/L			322	303	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:07:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	32441	0	Standard
	Cl	**37**		ug/L			7088842	7207373	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1566800	1	Standard
|	**Na**	**23**	**-0.503**	ug/L	0.023	4	38169	27443	0	Standard
|	**Mg**	**24**	**0.087**	ug/L	0.004	4	3889	5941	0	Standard
|	**Al**	**27**	**0.058**	ug/L	0.004	7	4757	5909	0	Standard
|	**K**	**39**	**0.241**	ug/L	0.505	209	341471	329083	0	Standard
|	**Ca**	**44**	**-0.649**	ug/L	0.063	9	10246	9000	0	Standard
|	**Fe**	**54**	**0.735**	ug/L	0.476	64	77814	76017	0	Standard
|	**Fe**	**57**	**2.200**	ug/L	0.222	10	17283	18346	0	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.001	5	1035	1415	2	Standard
⌈>	**Ge**	**72**		ug/L			109077	106085	1	KED
|	**Zn**	**66**	**0.033**	ug/L	0.030	91	209	228	8	KED
⌊	**Zn**	**67**	**0.077**	ug/L	0.019	24	27	36	5	KED
	Y	**89**		ug/L			796765	756330	0	Standard
	Kr	**83**		ug/L			322	313	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:13:56

MB 7/15/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	40398	0	Standard
	Cl	**37**		ug/L			7088842	7061150	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1595681	1	Standard
|	**Na**	**23**	**503.599**	ug/L	6.821	1	38169	9336593	1	Standard
|	**Mg**	**24**	**1061.404**	ug/L	21.345	2	3889	27427517	1	Standard
|	**Al**	**27**	**7.446**	ug/L	0.128	1	4757	182425	0	Standard
|	**K**	**39**	**429.318**	ug/L	8.348	1	341471	3842102	0	Standard
|	**Ca**	**44**	**6667.862**	ug/L	185.574	2	10246	8557152	1	Standard
|	**Fe**	**54**	**7.179**	ug/L	0.695	9	77814	90503	0	Standard
|	**Fe**	**57**	**27.610**	ug/L	0.570	2	17283	39712	0	Standard
⌊	**Mn**	**55**	**3.642**	ug/L	0.042	1	1035	157203	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	105031	0	KED
|	**Zn**	**66**	**0.239**	ug/L	0.010	4	209	380	2	KED
⌊	**Zn**	**67**	**0.460**	ug/L	0.055	12	27	83	8	KED
	Y	**89**		ug/L			796765	759352	0	Standard
	Kr	**83**		ug/L			322	304	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04 RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:17:15

MB 7/15/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	41679	0	Standard
	Cl	**37**		ug/L			7088842	7109746	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1601440	1	Standard
|	**Na**	**23**	**496.926**	ug/L	9.287	1	38169	9245407	0	Standard
|	**Mg**	**24**	**1060.300**	ug/L	5.417	0	3889	27501424	1	Standard
|	**Al**	**27**	**9.946**	ug/L	0.308	3	4757	242953	1	Standard
|	**K**	**39**	**429.839**	ug/L	4.086	0	341471	3860468	1	Standard
|	**Ca**	**44**	**6525.485**	ug/L	102.847	1	10246	8405751	1	Standard
|	**Fe**	**54**	**8.364**	ug/L	0.455	5	77814	93260	2	Standard
|	**Fe**	**57**	**27.712**	ug/L	0.564	2	17283	39940	1	Standard
⌊	**Mn**	**55**	**3.587**	ug/L	0.054	1	1035	155415	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	107558	0	KED
|	**Zn**	**66**	**0.115**	ug/L	0.014	11	209	294	4	KED
⌊	**Zn**	**67**	**0.289**	ug/L	0.181	62	27	63	36	KED
	Y	**89**		ug/L			796765	769594	0	Standard
	Kr	**83**		ug/L			322	302	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-17
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:20:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	42716	1	Standard
	Cl	**37**		ug/L			7088842	6937953	1	Standard
>	**Sc**	**45**		ug/L			1635217	1630657	1	Standard
	Na	**23**	**654.993**	ug/L	19.479	2	38169	12395800	1	Standard
	Mg	**24**	**1845.683**	ug/L	50.657	2	3889	48731976	1	Standard
	Al	**27**	**1582.752**	ug/L	34.185	2	4757	38624319	1	Standard
	K	**39**	**565.912**	ug/L	7.282	1	341471	5067315	0	Standard
	Ca	**44**	**8848.920**	ug/L	374.690	4	10246	11600060	3	Standard
	Fe	**54**	**8829.653**	ug/L	433.487	4	77814	18396521	4	Standard
	Fe	**57**	**8790.973**	ug/L	314.482	3	17283	7450129	2	Standard
	Mn	**55**	**146.237**	ug/L	4.278	2	1035	6409563	1	Standard
>	**Ge**	**72**		ug/L			109077	108125	0	KED
	Zn	**66**	**109.428**	ug/L	1.062	0	209	84517	0	KED
	Zn	**67**	**101.024**	ug/L	0.929	0	27	12899	0	KED
	Y	**89**		ug/L			796765	841617	2	Standard
	Kr	**83**		ug/L			322	352	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:24:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43988	1	Standard
	Cl	**37**		ug/L			7088842	6977679	0	Standard
>	**Sc**	**45**		ug/L			1635217	1640034	1	Standard
	Na	**23**	**859.413**	ug/L	13.842	1	38169	16347542	0	Standard
	Mg	**24**	**2120.394**	ug/L	64.428	3	3889	56303039	1	Standard
	Al	**27**	**429.860**	ug/L	6.880	1	4757	10553470	0	Standard
	K	**39**	**1154.594**	ug/L	17.900	1	341471	10041331	0	Standard
	Ca	**44**	**16158.514**	ug/L	430.098	2	10246	21297153	1	Standard
	Fe	**54**	**5.076**	ug/L	1.200	23	77814	88612	1	Standard
	Fe	**57**	**50.370**	ug/L	1.352	2	17283	60167	0	Standard
	Mn	**55**	**1116.321**	ug/L	18.756	1	1035	49207766	0	Standard
>	**Ge**	**72**		ug/L			109077	108440	2	KED
	Zn	**66**	**118.753**	ug/L	3.455	2	209	91926	0	KED
	Zn	**67**	**111.014**	ug/L	2.189	1	27	14209	0	KED
	Y	**89**		ug/L			796765	830467	1	Standard
	Kr	**83**		ug/L			322	325	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-34
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:27:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	45123	1	Standard
	Cl	**37**		ug/L			7088842	7035936	1	Standard
>	**Sc**	**45**		ug/L			1635217	1604595	0	Standard
	Na	**23**	**546.953**	ug/L	2.334	0	38169	10194193	0	Standard
	Mg	**24**	**913.065**	ug/L	14.021	1	3889	23729345	1	Standard
	Al	**27**	**3.168**	ug/L	0.045	1	4757	80734	1	Standard
	K	**39**	**2099.607**	ug/L	25.348	1	341471	17593476	1	Standard
	Ca	**44**	**16206.339**	ug/L	102.433	0	10246	20903539	0	Standard
	Fe	**54**	**2122.257**	ug/L	13.599	0	77814	4410153	0	Standard
	Fe	**57**	**2322.342**	ug/L	32.503	1	17283	1949571	1	Standard
	Mn	**55**	**61.069**	ug/L	0.885	1	1035	2635190	1	Standard
>	**Ge**	**72**		ug/L			109077	106292	0	KED
	Zn	**66**	**34.205**	ug/L	0.509	1	209	26111	1	KED
	Zn	**67**	**31.699**	ug/L	0.596	1	27	3997	1	KED
	Y	**89**		ug/L			796765	743635	1	Standard
	Kr	**83**		ug/L			322	304	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:30:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	39880	0	Standard
	Cl	**37**		ug/L			7088842	7074884	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1611058	0	Standard
|	**Na**	**23**	**989.421**	ug/L	12.791	1	38169	18483697	0	Standard
|	**Mg**	**24**	**2172.551**	ug/L	19.065	0	3889	56687526	1	Standard
|	**Al**	**27**	**2.183**	ug/L	0.006	0	4757	57312	1	Standard
|	**K**	**39**	**845.586**	ug/L	7.023	0	341471	7314701	0	Standard
|	**Ca**	**44**	**13267.006**	ug/L	342.071	2	10246	17183865	2	Standard
|	**Fe**	**54**	**3.051**	ug/L	0.960	31	77814	82909	1	Standard
|	**Fe**	**57**	**41.758**	ug/L	1.215	2	17283	51923	2	Standard
⌊	**Mn**	**55**	**9.382**	ug/L	0.237	2	1035	407252	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	107378	1	KED
|	**Zn**	**66**	**0.773**	ug/L	0.030	3	209	797	1	KED
⌊	**Zn**	**67**	**0.857**	ug/L	0.068	7	27	135	5	KED
	Y	**89**		ug/L			796765	743879	1	Standard
	Kr	**83**		ug/L			322	302	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-DUP3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:34:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	40111	0	Standard
	Cl	**37**		ug/L			7088842	6960992	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1547884	1	Standard
|	**Na**	**23**	**1025.526**	ug/L	9.317	0	38169	18405680	0	Standard
|	**Mg**	**24**	**2229.873**	ug/L	13.182	0	3889	55897662	1	Standard
|	**Al**	**27**	**2.333**	ug/L	0.048	2	4757	58534	0	Standard
|	**K**	**39**	**878.197**	ug/L	8.473	0	341471	7286247	0	Standard
|	**Ca**	**44**	**13634.666**	ug/L	253.480	1	10246	16965949	1	Standard
|	**Fe**	**54**	**4.510**	ug/L	0.846	18	77814	82528	0	Standard
|	**Fe**	**57**	**44.064**	ug/L	1.414	3	17283	51726	1	Standard
⌊	**Mn**	**55**	**9.629**	ug/L	0.117	1	1035	401650	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	104883	0	KED
|	**Zn**	**66**	**0.348**	ug/L	0.056	16	209	461	8	KED
⌊	**Zn**	**67**	**0.666**	ug/L	0.048	7	27	108	5	KED
	Y	**89**		ug/L			796765	726060	0	Standard
	Kr	**83**		ug/L			322	305	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MS3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:37:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**			ug/L			32777	40902	2	Standard
	Cl	**37**			ug/L			7088842	6984980	1	Standard
>	**Sc**	**45**			ug/L			1635217	1619752	0	Standard
	Na	**23**		**2037.263**	ug/L	2.525	0	38169	38226983	0	Standard
	Mg	**24**		**3266.187**	ug/L	59.585	1	3889	85678786	2	Standard
	Al	**27**		**1040.185**	ug/L	23.223	2	4757	25216888	1	Standard
	K	**39**		**1830.907**	ug/L	19.245	1	341471	15530221	1	Standard
	Ca	**44**	STL	**14997.837**	ug/L	357.129	2	10246	19529683	2	Standard
	Fe	**54**		**1032.842**	ug/L	7.958	0	77814	2206237	1	Standard
	Fe	**57**		**1152.195**	ug/L	24.793	2	17283	984944	1	Standard
	Mn	**55**		**15.289**	ug/L	0.079	0	1035	666755	1	Standard
>	**Ge**	**72**			ug/L			109077	104473	0	KED
	Zn	**66**		**19.938**	ug/L	0.371	1	209	15042	1	KED
	Zn	**67**		**19.023**	ug/L	0.775	4	27	2367	3	KED
	Y	**89**			ug/L			796765	765200	1	Standard
	Kr	**83**			ug/L			322	307	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MSD3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:42:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13			ug/L			32777	40239	1	Standard
	Cl	37			ug/L			7088842	7010339	1	Standard
>	Sc	45			ug/L			1635217	1613930	1	Standard
	Na	23		2080.287	ug/L	11.543	0	38169	38892260	0	Standard
	Mg	24		3368.797	ug/L	63.277	1	3889	88042071	1	Standard
	Al	27		1073.064	ug/L	24.490	2	4757	25918444	1	Standard
	K	39		1880.487	ug/L	17.601	0	341471	15883486	0	Standard
	Ca	44	STL	15118.832	ug/L	297.210	1	10246	19612247	0	Standard
	Fe	54		1064.506	ug/L	21.630	2	77814	2262958	1	Standard
	Fe	57		1166.675	ug/L	14.403	1	17283	993543	0	Standard
	Mn	55		15.589	ug/L	0.240	1	1035	677282	0	Standard
>	Ge	72			ug/L			109077	107205	1	KED
	Zn	66		17.622	ug/L	0.272	1	209	13668	2	KED
	Zn	67		17.325	ug/L	0.376	2	27	2215	1	KED
	Y	89			ug/L			796765	749982	2	Standard
	Kr	83			ug/L			322	295	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:49:25

TUBE EMPTY

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	27631	10	Standard
	Cl	**37**		ug/L			7088842	4111460	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	2839800	0	Standard
|	**Na**	**23**	**-1.420**	ug/L	0.009	0	38169	19605	2	Standard
|	**Mg**	**24**	**-0.010**	ug/L	0.003	33	3889	6277	3	Standard
|	**Al**	**27**	**-0.104**	ug/L	0.007	6	4757	3863	8	Standard
|	**K**	**39**	**-22.707**	ug/L	0.364	1	341471	262649	1	Standard
|	**Ca**	**44**	**-3.642**	ug/L	0.396	10	10246	9491	10	Standard
|	**Fe**	**54**	**11.893**	ug/L	12.967	109	77814	178415	27	Standard
|	**Fe**	**57**	**-14.276**	ug/L	0.136	0	17283	8989	2	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.004	136	1035	2001	14	Standard
⌈>	**Ge**	**72**		ug/L			109077	236053	2	KED
|	**Zn**	**66**	**-0.157**	ug/L	0.008	5	209	189	9	KED
⌊	**Zn**	**67**	**-0.119**	ug/L	0.032	26	27	26	36	KED
	Y	**89**		ug/L			796765	1567340	0	Standard
	Kr	**83**		ug/L			322	529	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:53:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	34443	0	Standard
	Cl	**37**		ug/L			7088842	7232323	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1598635	0	Standard
|	**Na**	**23**	**5027.000**	ug/L	68.360	1	38169	93035983	0	Standard
|	**Mg**	**24**	**5293.247**	ug/L	59.843	1	3889	137030495	0	Standard
|	**Al**	**27**	**5061.298**	ug/L	29.069	0	4757	121088306	0	Standard
|	**K**	**39**	**4806.869**	ug/L	61.373	1	341471	39697521	0	Standard
|	**Ca**	**44**	**5061.628**	ug/L	96.343	1	10246	6511196	1	Standard
|	**Fe**	**54**	**5021.637**	ug/L	78.328	1	77814	10291836	0	Standard
|	**Fe**	**57**	**5013.797**	ug/L	43.564	0	17283	4173793	0	Standard
⌊	**Mn**	**55**	**50.209**	ug/L	0.831	1	1035	2158509	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	106351	0	KED
|	**Zn**	**66**	**51.403**	ug/L	0.415	0	209	39157	0	KED
⌊	**Zn**	**67**	**51.254**	ug/L	0.252	0	27	6450	0	KED
	Y	**89**		ug/L			796765	772276	1	Standard
	Kr	**83**		ug/L			322	317	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:59:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	31891	2	Standard
	Cl	**37**		ug/L			7088842	7168979	2	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1554250	0	Standard
|	**Na**	**23**	**-0.545**	ug/L	0.033	5	38169	26472	1	Standard
|	**Mg**	**24**	**0.155**	ug/L	0.007	4	3889	7595	2	Standard
|	**Al**	**27**	**0.123**	ug/L	0.003	2	4757	7375	1	Standard
|	**K**	**39**	**0.012**	ug/L	0.461	3976	341471	324631	0	Standard
|	**Ca**	**44**	**-0.795**	ug/L	0.008	1	10246	8746	0	Standard
|	**Fe**	**54**	**0.773**	ug/L	0.392	50	77814	75486	0	Standard
|	**Fe**	**57**	**2.781**	ug/L	0.368	13	17283	18667	0	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.000	7	1035	1252	2	Standard
⌈>	**Ge**	**72**		ug/L			109077	104798	0	KED
|	**Zn**	**66**	**0.035**	ug/L	0.053	151	209	227	16	KED
⌊	**Zn**	**67**	**0.065**	ug/L	0.081	124	27	34	29	KED
	Y	**89**		ug/L			796765	758265	1	Standard
	Kr	**83**		ug/L			322	295	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-21
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:05:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	49703	1	Standard
	Cl	**37**		ug/L			7088842	7063865	0	Standard
>	**Sc**	**45**		ug/L			1635217	1637751	1	Standard
	Na	**23**	**989.327**	ug/L	15.193	1	38169	18787694	0	Standard
	Mg	**24**	**805.209**	ug/L	4.295	0	3889	21359071	0	Standard
	Al	**27**	**18.143**	ug/L	0.532	2	4757	449350	1	Standard
	K	**39**	**636.918**	ug/L	7.990	1	341471	5685145	0	Standard
	Ca	**44**	**6780.179**	ug/L	141.211	2	10246	8930889	1	Standard
	Fe	**54**	**4.183**	ug/L	0.115	2	77814	86652	0	Standard
	Fe	**57**	**20.595**	ug/L	0.557	2	17283	34804	1	Standard
	Mn	**55**	**1.456**	ug/L	0.014	0	1035	65139	1	Standard
>	**Ge**	**72**		ug/L			109077	106696	1	KED
	Zn	**66**	**266.773**	ug/L	3.118	1	209	203010	0	KED
	Zn	**67**	**248.865**	ug/L	7.791	3	27	31313	2	KED
	Y	**89**		ug/L			796765	762350	0	Standard
	Kr	**83**		ug/L			322	330	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:08:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	51156	0	Standard
	Cl	37		ug/L			7088842	7055588	1	Standard
>	Sc	45		ug/L			1635217	1660052	0	Standard
	Na	23	2369.259	ug/L	45.195	1	38169	45557092	2	Standard
	Mg	24	5251.934	ug/L	34.427	0	3889	141195609	1	Standard
	Al	27	36.136	ug/L	0.300	0	4757	902593	1	Standard
	K	39	2000.566	ug/L	36.555	1	341471	17358117	1	Standard
	Ca	44	32076.985	ug/L	290.534	0	10246	42794129	1	Standard
	Fe	54	34.966	ug/L	1.445	4	77814	152850	1	Standard
	Fe	57	121.688	ug/L	1.302	1	17283	122311	0	Standard
	Mn	55	17.379	ug/L	0.319	1	1035	776628	2	Standard
>	Ge	72		ug/L			109077	108260	1	KED
	Zn	66	0.679	ug/L	0.020	2	209	731	2	KED
	Zn	67	1.509	ug/L	0.119	7	27	219	7	KED
	Y	89		ug/L			796765	753686	0	Standard
	Kr	83		ug/L			322	316	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:13:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	52101	0	Standard
	Cl	37		ug/L			7088842	7102022	1	Standard
>	Sc	45		ug/L			1635217	1649913	0	Standard
	Na	23	2365.859	ug/L	20.590	0	38169	45213465	0	Standard
	Mg	24	5184.119	ug/L	110.202	2	3889	138518748	2	Standard
	Al	27	48.053	ug/L	0.629	1	4757	1191291	1	Standard
	K	39	1966.789	ug/L	4.929	0	341471	16967987	0	Standard
	Ca	44	31971.536	ug/L	904.077	2	10246	42394137	2	Standard
	Fe	54	41.842	ug/L	0.833	1	77814	166372	1	Standard
	Fe	57	128.811	ug/L	3.699	2	17283	127662	2	Standard
	Mn	55	16.957	ug/L	0.238	1	1035	753117	1	Standard
>	Ge	72		ug/L			109077	103986	2	KED
	Zn	66	0.691	ug/L	0.046	6	209	711	4	KED
	Zn	67	1.480	ug/L	0.218	14	27	207	14	KED
	Y	89		ug/L			796765	745876	0	Standard
	Kr	83		ug/L			322	304	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:17:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	46399	1	Standard
	Cl	**37**		ug/L			7088842	7300954	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1535863	1	Standard
|	**Na**	**23**	**-0.797**	ug/L	0.038	4	38169	21670	2	Standard
|	**Mg**	**24**	**0.206**	ug/L	0.008	3	3889	8786	2	Standard
|	**Al**	**27**	**0.153**	ug/L	0.017	10	4757	7981	3	Standard
|	**K**	**39**	**0.169**	ug/L	0.596	353	341471	322003	0	Standard
|	**Ca**	**44**	**0.214**	ug/L	0.132	61	10246	9889	2	Standard
|	**Fe**	**54**	**0.028**	ug/L	0.599	2161	77814	73128	0	Standard
|	**Fe**	**57**	**1.919**	ug/L	0.389	20	17283	17759	0	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.000	10	1035	1120	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	103304	0	KED
|	**Zn**	**66**	**0.021**	ug/L	0.024	112	209	213	8	KED
⌊	**Zn**	**67**	**0.064**	ug/L	0.047	72	27	33	17	KED
	Y	**89**		ug/L			796765	728656	1	Standard
	Kr	**83**		ug/L			322	311	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:20:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

DEL

MISSED TUBE

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	28938	39	Standard
	Cl	**37**		ug/L			7088842	4147126	11	Standard
⌈>	**Sc**	**45**		ug/L			1635217	2661594	26	Standard
|	**Na**	**23**	**-1.432**	ug/L	0.067	4	38169	17649	17	Standard
|	**Mg**	**24**	**-0.005**	ug/L	0.013	273	3889	6034	19	Standard
|	**Al**	**27**	**-0.107**	ug/L	0.002	2	4757	3465	25	Standard
|	**K**	**39**	**-20.816**	ug/L	4.521	21	341471	261503	11	Standard
|	**Ca**	**44**	**-3.131**	ug/L	1.351	43	10246	9923	41	Standard
|	**Fe**	**54**	**23.018**	ug/L	60.533	262	77814	216453	115	Standard
|	**Fe**	**57**	**-14.024**	ug/L	0.795	5	17283	8581	16	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.015	336	1035	2043	69	Standard
⌈>	**Ge**	**72**		ug/L			109077	235932	0	KED
|	**Zn**	**66**	**-0.143**	ug/L	0.012	8	209	212	8	KED
⌊	**Zn**	**67**	**-0.039**	ug/L	0.004	10	27	48	2	KED
	Y	**89**		ug/L			796765	1453496	28	Standard
	Kr	**83**		ug/L			322	527	75	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:27:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	68789	0	Standard
	Cl	37		ug/L			7088842	7114623	0	Standard
>	Sc	45		ug/L			1635217	1649604	0	Standard
	Na	23	850.780	ug/L	15.538	1	38169	16280664	1	Standard
	Mg	24	487.865	ug/L	2.483	0	3889	13036663	0	Standard
	Al	27	51.726	ug/L	0.246	0	4757	1281740	0	Standard
	K	39	413.909	ug/L	2.625	0	341471	3842206	0	Standard
	Ca	44	4551.407	ug/L	75.055	1	10246	6042728	1	Standard
	Fe	54	19.541	ug/L	0.220	1	77814	119522	0	Standard
	Fe	57	26.426	ug/L	0.596	2	17283	40044	1	Standard
	Mn	55	0.826	ug/L	0.009	1	1035	37661	0	Standard
>	Ge	72		ug/L			109077	103194	1	KED
	Zn	66	63.932	ug/L	0.210	0	209	47208	1	KED
	Zn	67	59.672	ug/L	1.405	2	27	7281	1	KED
	Y	89		ug/L			796765	765365	1	Standard
	Kr	83		ug/L			322	325	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:30:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	70478	1	Standard
	Cl	**37**		ug/L			7088842	7020001	1	Standard
>	**Sc**	**45**		ug/L			1635217	1610772	0	Standard
	Na	**23**	**848.882**	ug/L	7.780	0	38169	15861579	0	Standard
	Mg	**24**	**515.740**	ug/L	9.362	1	3889	13455824	1	Standard
	Al	**27**	**16.543**	ug/L	0.341	2	4757	403435	1	Standard
	K	**39**	**435.921**	ug/L	2.834	0	341471	3933290	0	Standard
	Ca	**44**	**5060.711**	ug/L	82.563	1	10246	6559353	1	Standard
	Fe	**54**	**16.172**	ug/L	0.283	1	77814	109800	0	Standard
	Fe	**57**	**24.138**	ug/L	0.564	2	17283	37190	1	Standard
	Mn	**55**	**2.237**	ug/L	0.024	1	1035	97870	0	Standard
>	**Ge**	**72**		ug/L			109077	103390	0	KED
	Zn	**66**	**57.887**	ug/L	0.861	1	209	42844	1	KED
	Zn	**67**	**54.492**	ug/L	1.021	1	27	6665	1	KED
	Y	**89**		ug/L			796765	755057	2	Standard
	Kr	**83**		ug/L			322	302	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-20
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:34:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	65802	1	Standard
	Cl	37		ug/L			7088842	7254730	1	Standard
>	Sc	45		ug/L			1635217	1563980	1	Standard
	Na	23	1.340	ug/L	0.047	3	38169	60746	0	Standard
	Mg	24	1.427	ug/L	0.050	3	3889	39861	2	Standard
	Al	27	1.977	ug/L	0.037	1	4757	50826	0	Standard
	K	39	0.690	ug/L	0.579	83	341471	332091	0	Standard
	Ca	44	8.956	ug/L	0.401	4	10246	21050	1	Standard
	Fe	54	9.492	ug/L	0.766	8	77814	93305	0	Standard
	Fe	57	3.133	ug/L	0.502	16	17283	19068	1	Standard
	Mn	55	0.253	ug/L	0.003	1	1035	11621	0	Standard
>	Ge	72		ug/L			109077	101657	1	KED
	Zn	66	0.219	ug/L	0.025	11	209	354	5	KED
	Zn	67	0.349	ug/L	0.038	10	27	67	6	KED
	Y	89		ug/L			796765	752382	0	Standard
	Kr	83		ug/L			322	287	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-36
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:37:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	66730	1	Standard
	Cl	**37**		ug/L			7088842	6992151	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1595170	0	Standard
|	**Na**	**23**	**530.899**	ug/L	5.959	1	38169	9837692	0	Standard
|	**Mg**	**24**	**306.806**	ug/L	5.107	1	3889	7928985	1	Standard
|	**Al**	**27**	**22.327**	ug/L	0.157	0	4757	537627	0	Standard
|	**K**	**39**	**295.918**	ug/L	4.745	1	341471	2751145	1	Standard
|	**Ca**	**44**	**3332.989**	ug/L	36.712	1	10246	4281967	1	Standard
|	**Fe**	**54**	**17.538**	ug/L	0.489	2	77814	111508	0	Standard
|	**Fe**	**57**	**22.718**	ug/L	0.438	1	17283	35654	0	Standard
⌊	**Mn**	**55**	**1.443**	ug/L	0.021	1	1035	62864	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	104377	1	KED
|	**Zn**	**66**	**1.164**	ug/L	0.032	2	209	1066	3	KED
⌊	**Zn**	**67**	**1.353**	ug/L	0.301	22	27	192	18	KED
	Y	**89**		ug/L			796765	747331	1	Standard
	Kr	**83**		ug/L			322	310	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:42:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	45793	0	Standard
	Cl	**37**		ug/L			7088842	7229793	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1540882	2	Standard
|	**Na**	**23**	**-0.774**	ug/L	0.009	1	38169	22155	1	Standard
|	**Mg**	**24**	**0.115**	ug/L	0.006	4	3889	6541	2	Standard
|	**Al**	**27**	**0.153**	ug/L	0.002	1	4757	8015	2	Standard
|	**K**	**39**	**-0.353**	ug/L	0.934	264	341471	318881	0	Standard
|	**Ca**	**44**	**-0.594**	ug/L	0.054	9	10246	8920	2	Standard
|	**Fe**	**54**	**-0.102**	ug/L	1.065	1048	77814	73097	0	Standard
|	**Fe**	**57**	**0.906**	ug/L	0.300	33	17283	17007	0	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.001	9	1035	1227	2	Standard
⌈>	**Ge**	**72**		ug/L			109077	101440	1	KED
|	**Zn**	**66**	**0.085**	ug/L	0.037	43	209	256	11	KED
⌊	**Zn**	**67**	**0.101**	ug/L	0.027	26	27	37	7	KED
	Y	**89**		ug/L			796765	739549	1	Standard
	Kr	**83**		ug/L			322	294	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:46:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	33381	0	Standard
	Cl	**37**		ug/L			7088842	7331427	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1571459	1	Standard
|	**Na**	**23**	**5056.348**	ug/L	81.547	1	38169	91980975	0	Standard
|	**Mg**	**24**	**5210.459**	ug/L	67.786	1	3889	132590697	1	Standard
|	**Al**	**27**	**5115.600**	ug/L	59.477	1	4757	120312622	1	Standard
|	**K**	**39**	**4781.280**	ug/L	87.549	1	341471	38813516	1	Standard
|	**Ca**	**44**	**4986.728**	ug/L	87.046	1	10246	6305870	1	Standard
|	**Fe**	**54**	**5014.246**	ug/L	90.828	1	77814	10101132	0	Standard
|	**Fe**	**57**	**4955.111**	ug/L	135.890	2	17283	4054225	1	Standard
⌊	**Mn**	**55**	**49.641**	ug/L	0.804	1	1035	2097678	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	103652	0	KED
|	**Zn**	**66**	**51.446**	ug/L	0.081	0	209	38196	0	KED
⌊	**Zn**	**67**	**50.860**	ug/L	0.759	1	27	6238	1	KED
	Y	**89**		ug/L			796765	754363	1	Standard
	Kr	**83**		ug/L			322	309	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:52:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	31612	0	Standard
	Cl	**37**		ug/L			7088842	7292769	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1562621	0	Standard
|	**Na**	**23**	**-0.266**	ug/L	0.036	13	38169	31669	1	Standard
|	**Mg**	**24**	**0.187**	ug/L	0.016	8	3889	8451	3	Standard
|	**Al**	**27**	**0.228**	ug/L	0.018	7	4757	9868	3	Standard
|	**K**	**39**	**0.019**	ug/L	0.596	3182	341471	326433	0	Standard
|	**Ca**	**44**	**-0.387**	ug/L	0.151	38	10246	9304	1	Standard
|	**Fe**	**54**	**1.049**	ug/L	0.836	79	77814	76436	1	Standard
|	**Fe**	**57**	**2.903**	ug/L	0.595	20	17283	18868	2	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	14	1035	1332	3	Standard
⌈>	**Ge**	**72**		ug/L			109077	104914	0	KED
|	**Zn**	**66**	**0.085**	ug/L	0.008	9	209	264	1	KED
⌊	**Zn**	**67**	**0.126**	ug/L	0.077	61	27	41	23	KED
	Y	**89**		ug/L			796765	753991	1	Standard
	Kr	**83**		ug/L			322	318	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:59:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				31943	1	Standard
	Cl	**37**		ug/L				7201837	1	Standard
⌈>	**Sc**	**45**		ug/L				1509537	1	Standard
|	**Na**	**23**		ug/L				27457	1	Standard
|	**Mg**	**24**		ug/L				4783	1	Standard
|	**Al**	**27**		ug/L				6826	1	Standard
|	**K**	**39**		ug/L				321709	0	Standard
|	**Ca**	**44**		ug/L				9203	3	Standard
|	**Fe**	**54**		ug/L				74641	0	Standard
|	**Fe**	**57**		ug/L				18658	2	Standard
⌊	**Mn**	**55**		ug/L				1282	0	Standard
⌈>	**Ge**	**72**		ug/L				104564	1	KED
|	**Zn**	**66**		ug/L				281	9	KED
⌊	**Zn**	**67**		ug/L				51	22	KED
	Y	**89**		ug/L				742874	1	Standard
	Kr	**83**		ug/L				324	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:02:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	33329	1	Standard
	Cl	**37**		ug/L			7201837	7255798	1	Standard
>	**Sc**	**45**		ug/L			1509537	1560078	1	Standard
	Na	**23**	**5029.165**	ug/L	29.147	0	27457	90830280	1	Standard
	Mg	**24**	**5204.701**	ug/L	79.308	1	4783	131514908	2	Standard
	Al	**27**	**5017.168**	ug/L	27.785	0	6826	117140271	1	Standard
	K	**39**	**4834.930**	ug/L	86.450	1	321709	38978579	3	Standard
	Ca	**44**	**4945.037**	ug/L	61.559	1	9203	6208553	2	Standard
	Fe	**54**	**5028.260**	ug/L	37.858	0	74641	10060439	1	Standard
	Fe	**57**	**4952.962**	ug/L	23.815	0	18658	4026714	1	Standard
	Mn	**55**	**49.363**	ug/L	0.920	1	1282	2071807	3	Standard
>	**Ge**	**72**		ug/L			104564	107234	1	KED
	Zn	**66**	**49.486**	ug/L	1.070	2	281	38095	1	KED
	Zn	**67**	**49.797**	ug/L	0.898	1	51	6344	0	KED
	Y	**89**		ug/L			742874	769239	0	Standard
	Kr	**83**		ug/L			324	321	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:09:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	31008	1	Standard
	Cl	**37**		ug/L			7201837	7239217	0	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1551352	0	Standard
|	**Na**	**23**	**0.213**	ug/L	0.019	8	27457	32041	0	Standard
|	**Mg**	**24**	**0.122**	ug/L	0.012	9	4783	7991	3	Standard
|	**Al**	**27**	**0.142**	ug/L	0.009	6	6826	10305	1	Standard
|	**K**	**39**	**-0.288**	ug/L	0.333	115	321709	328315	0	Standard
|	**Ca**	**44**	**-0.130**	ug/L	0.159	122	9203	9295	1	Standard
|	**Fe**	**54**	**-0.190**	ug/L	0.796	419	74641	76330	1	Standard
|	**Fe**	**57**	**-0.457**	ug/L	0.237	51	18658	18806	0	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	54	1282	1428	3	Standard
⌈>	**Ge**	**72**		ug/L			104564	103208	1	KED
|	**Zn**	**66**	**0.007**	ug/L	0.041	554	281	283	11	KED
⌊	**Zn**	**67**	**-0.052**	ug/L	0.055	106	51	44	15	KED
	Y	**89**		ug/L			742874	751729	0	Standard
	Kr	**83**		ug/L			324	325	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-~~BLK1~~ BLK2

Sample Dil Factor:

Comments:

Sample Date/Time: Thursday, July 15, 2021 22:12:22

MB 7/15/21

Number of Replicates: 3

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	56497	1	Standard
	Cl	37		ug/L			7201837	7240508	0	Standard
>	Sc	45		ug/L			1509537	1563705	0	Standard
	Na	23	9.353	ug/L	0.094	1	27457	197708	1	Standard
	Mg	24	0.817	ug/L	0.017	2	4783	25641	1	Standard
	Al	27	1.811	ug/L	0.077	4	6826	49439	3	Standard
	K	39	3.563	ug/L	0.205	5	321709	361791	0	Standard
	Ca	44	6.840	ug/L	0.252	3	9203	18126	1	Standard
	Fe	54	1.477	ug/L	0.270	18	74641	80257	0	Standard
	Fe	57	0.779	ug/L	0.257	32	18658	19960	1	Standard
	Mn	55	0.165	ug/L	0.002	1	1282	8251	0	Standard
>	Ge	72		ug/L			104564	104665	1	KED
	Zn	66	0.146	ug/L	0.021	14	281	391	3	KED
	Zn	67	0.030	ug/L	0.041	135	51	55	10	KED
	Y	89		ug/L			742874	762021	0	Standard
	Kr	83		ug/L			324	295	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-~~BS1~~BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:15:41
MB 7/15/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	64170	1	Standard
	Cl	37		ug/L			7201837	7356509	0	Standard
>	Sc	45		ug/L			1509537	1591851	1	Standard
	Na	23	5192.339	ug/L	107.907	2	27457	95667023	0	Standard
	Mg	24	5353.855	ug/L	107.525	2	4783	137996200	0	Standard
	Al	27	5302.839	ug/L	90.413	1	6826	126316079	0	Standard
	K	39	5001.689	ug/L	62.807	1	321709	41121744	0	Standard
	Ca	44	5208.917	ug/L	159.219	3	9203	6670271	1	Standard
	Fe	54	5165.035	ug/L	87.318	1	74641	10540827	0	Standard
	Fe	57	5100.033	ug/L	25.011	0	18658	4230117	0	Standard
	Mn	55	28.452	ug/L	0.516	1	1282	1218652	0	Standard
>	Ge	72		ug/L			104564	105042	2	KED
	Zn	66	84.705	ug/L	1.519	1	281	63664	0	KED
	Zn	67	79.022	ug/L	0.647	0	51	9832	1	KED
	Y	89		ug/L			742874	769427	1	Standard
	Kr	83		ug/L			324	337	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:19:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	61602	0	Standard
	Cl	37		ug/L			7201837	6966910	0	Standard
>	Sc	45		ug/L			1509537	1606852	0	Standard
	Na	23	1317.377	ug/L	4.522	0	27457	24526826	0	Standard
	Mg	24	1571.475	ug/L	10.721	0	4783	40898683	1	Standard
	Al	27	5.796	ug/L	0.022	0	6826	146637	0	Standard
	K	39	619.067	ug/L	4.665	0	321709	5438153	0	Standard
	Ca	44	10425.797	ug/L	255.232	2	9203	13470828	2	Standard
	Fe	54	6.131	ug/L	0.313	5	74641	91988	0	Standard
	Fe	57	27.839	ug/L	0.167	0	18658	43062	0	Standard
	Mn	55	1.788	ug/L	0.014	0	1282	78592	0	Standard
>	Ge	72		ug/L			104564	106603	1	KED
	Zn	66	10.424	ug/L	0.303	2	281	8202	1	KED
	Zn	67	9.858	ug/L	0.131	1	51	1290	1	KED
	Y	89		ug/L			742874	749464	1	Standard
	Kr	83		ug/L			324	300	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-37
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:22:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			31943	65462	0	Standard
Cl	37		ug/L			7201837	6990266	1	Standard
> Sc	45		ug/L			1509537	1597991	0	Standard
Na	23	527.913	ug/L	9.475	1	27457	9791832	1	Standard
Mg	24	322.491	ug/L	2.497	0	4783	8350393	0	Standard
Al	27	28.140	ug/L	0.490	1	6826	680172	1	Standard
K	39	324.878	ug/L	2.552	0	321709	3000034	0	Standard
Ca	44	3402.239	ug/L	65.285	1	9203	4377845	1	Standard
Fe	54	31.143	ug/L	1.649	5	74641	142351	2	Standard
Fe	57	31.664	ug/L	0.426	1	18658	45994	0	Standard
Mn	55	0.575	ug/L	0.007	1	1282	26071	1	Standard
> Ge	72		ug/L			104564	106265	1	KED
Zn	66	34.118	ug/L	0.229	0	281	26119	0	KED
Zn	67	31.943	ug/L	1.339	4	51	4051	3	KED
Y	89		ug/L			742874	766592	0	Standard
Kr	83		ug/L			324	318	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:25:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	70234	1	Standard
	Cl	37		ug/L			7201837	6934658	1	Standard
>	Sc	45		ug/L			1509537	1631884	0	Standard
	Na	23	520.379	ug/L	4.241	0	27457	9857463	0	Standard
	Mg	24	353.101	ug/L	5.150	1	4783	9336801	1	Standard
	Al	27	166.046	ug/L	1.613	0	6826	4062466	0	Standard
	K	39	327.850	ug/L	4.011	1	321709	3088455	0	Standard
	Ca	44	3243.834	ug/L	38.907	1	9203	4263286	1	Standard
	Fe	54	206.347	ug/L	2.422	1	74641	509230	0	Standard
	Fe	57	201.616	ug/L	2.900	1	18658	190812	1	Standard
	Mn	55	5.388	ug/L	0.102	1	1282	237745	2	Standard
>	Ge	72		ug/L			104564	106639	0	KED
	Zn	66	3.444	ug/L	0.164	4	281	2903	3	KED
	Zn	67	3.306	ug/L	0.136	4	51	467	4	KED
	Y	89		ug/L			742874	773073	0	Standard
	Kr	83		ug/L			324	316	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-39
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:28:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	70479	1	Standard
	Cl	**37**		ug/L			7201837	6965487	0	Standard
>	**Sc**	**45**		ug/L			1509537	1612463	0	Standard
	Na	**23**	**539.177**	ug/L	10.045	1	27457	10091125	2	Standard
	Mg	**24**	**366.668**	ug/L	7.761	2	4783	9579270	1	Standard
	Al	**27**	**161.153**	ug/L	2.377	1	6826	3895849	0	Standard
	K	**39**	**336.667**	ug/L	2.207	0	321709	3124604	1	Standard
	Ca	**44**	**3409.482**	ug/L	30.308	0	9203	4426841	0	Standard
	Fe	**54**	**189.012**	ug/L	1.911	1	74641	467597	1	Standard
	Fe	**57**	**184.063**	ug/L	3.388	1	18658	173852	1	Standard
	Mn	**55**	**4.314**	ug/L	0.046	1	1282	188361	0	Standard
>	**Ge**	**72**		ug/L			104564	105755	2	KED
	Zn	**66**	**26.725**	ug/L	0.747	2	281	20415	0	KED
	Zn	**67**	**24.829**	ug/L	0.982	3	51	3144	1	KED
	Y	**89**		ug/L			742874	779169	0	Standard
	Kr	**83**		ug/L			324	304	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-40
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:32:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	70363	0	Standard
	Cl	37		ug/L			7201837	6876545	0	Standard
>	Sc	45		ug/L			1509537	1595743	0	Standard
	Na	23	563.779	ug/L	10.994	1	27457	10439658	1	Standard
	Mg	24	390.999	ug/L	4.326	1	4783	10108560	0	Standard
	Al	27	256.239	ug/L	5.330	2	6826	6126202	1	Standard
	K	39	350.954	ug/L	8.430	2	321709	3208644	1	Standard
	Ca	44	3440.690	ug/L	53.896	1	9203	4420878	1	Standard
	Fe	54	294.789	ug/L	4.214	1	74641	677523	0	Standard
	Fe	57	290.652	ug/L	3.366	1	18658	260268	1	Standard
	Mn	55	8.100	ug/L	0.179	2	1282	348805	2	Standard
>	Ge	72		ug/L			104564	105083	0	KED
	Zn	66	2.595	ug/L	0.116	4	281	2226	3	KED
	Zn	67	2.791	ug/L	0.278	9	51	397	9	KED
	Y	89		ug/L			742874	767392	1	Standard
	Kr	83		ug/L			324	319	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-41
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:36:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	58903	1	Standard
	Cl	37		ug/L			7201837	6841617	0	Standard
>	Sc	45		ug/L			1509537	1601089	0	Standard
	Na	23	517.898	ug/L	4.362	0	27457	9625315	0	Standard
	Mg	24	296.054	ug/L	2.767	0	4783	7680939	0	Standard
	Al	27	23.888	ug/L	0.289	1	6826	579645	1	Standard
	K	39	289.558	ug/L	3.033	1	321709	2716054	0	Standard
	Ca	44	3158.186	ug/L	32.973	1	9203	4072485	1	Standard
	Fe	54	21.511	ug/L	0.787	3	74641	122993	0	Standard
	Fe	57	24.656	ug/L	1.103	4	18658	40260	1	Standard
	Mn	55	1.579	ug/L	0.023	1	1282	69331	0	Standard
>	Ge	72		ug/L			104564	104901	1	KED
	Zn	66	1.086	ug/L	0.026	2	281	1094	1	KED
	Zn	67	1.227	ug/L	0.141	11	51	203	8	KED
	Y	89		ug/L			742874	755331	1	Standard
	Kr	83		ug/L			324	290	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-42
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:40:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	58253	0	Standard
	Cl	37		ug/L			7201837	6968057	1	Standard
>	Sc	45		ug/L			1509537	1683567	0	Standard
	Na	23	4593.937	ug/L	65.226	1	27457	89536322	1	Standard
	Mg	24	10115.755	ug/L	107.746	1	4783	275801615	1	Standard
	Al	27	9.272	ug/L	0.127	1	6826	241229	1	Standard
	K	39	3860.587	ug/L	44.663	1	321709	33654889	1	Standard
	Ca	44	62833.292	ug/L	836.177	1	9203	85005235	1	Standard
	Fe	54	10.110	ug/L	0.550	5	74641	104909	1	Standard
	Fe	57	169.911	ug/L	1.510	0	18658	169172	0	Standard
	Mn	55	22.345	ug/L	0.205	0	1282	1012730	1	Standard
>	Ge	72		ug/L			104564	98951	0	KED
	Zn	66	0.709	ug/L	0.072	10	281	767	7	KED
	Zn	67	1.939	ug/L	0.283	14	51	274	12	KED
	Y	89		ug/L			742874	742557	0	Standard
	Kr	83		ug/L			324	328	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:47:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	45246	1	Standard
	Cl	**37**		ug/L			7201837	7407135	0	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1581445	0	Standard
|	**Na**	**23**	**-0.288**	ug/L	0.018	6	27457	23485	1	Standard
|	**Mg**	**24**	**0.200**	ug/L	0.046	22	4783	10141	11	Standard
|	**Al**	**27**	**0.057**	ug/L	0.010	16	6826	8511	2	Standard
|	**K**	**39**	**-1.787**	ug/L	0.038	2	321709	322559	0	Standard
|	**Ca**	**44**	**0.319**	ug/L	0.229	71	9203	10046	2	Standard
|	**Fe**	**54**	**-2.503**	ug/L	0.486	19	74641	73160	1	Standard
|	**Fe**	**57**	**-1.775**	ug/L	0.243	13	18658	18091	0	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.000	6	1282	1208	1	Standard
⌈>	**Ge**	**72**		ug/L			104564	102216	0	KED
|	**Zn**	**66**	**-0.003**	ug/L	0.023	840	281	273	6	KED
⌊	**Zn**	**67**	**-0.117**	ug/L	0.100	85	51	36	32	KED
	Y	**89**		ug/L			742874	743273	1	Standard
	Kr	**83**		ug/L			324	319	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:51:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	33590	0	Standard
	Cl	**37**		ug/L			7201837	7321475	1	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1575520	0	Standard
|	**Na**	**23**	**5039.315**	ug/L	24.906	0	27457	91913879	0	Standard
|	**Mg**	**24**	**5302.467**	ug/L	109.273	2	4783	135284200	1	Standard
|	**Al**	**27**	**5083.071**	ug/L	29.397	0	6826	119857330	0	Standard
|	**K**	**39**	**4791.246**	ug/L	55.704	1	321709	39006312	1	Standard
|	**Ca**	**44**	**5056.520**	ug/L	17.389	0	9203	6410602	0	Standard
|	**Fe**	**54**	**4957.436**	ug/L	13.299	0	74641	10017875	0	Standard
|	**Fe**	**57**	**4896.490**	ug/L	36.432	0	18658	4020460	0	Standard
⌊	**Mn**	**55**	**49.602**	ug/L	0.256	0	1282	2102140	0	Standard
⌈>	**Ge**	**72**		ug/L			104564	103469	0	KED
|	**Zn**	**66**	**50.821**	ug/L	0.472	0	281	37747	0	KED
⌊	**Zn**	**67**	**50.381**	ug/L	0.784	1	51	6193	1	KED
	Y	**89**		ug/L			742874	769707	1	Standard
	Kr	**83**		ug/L			324	324	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:57:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	30685	0	Standard
	Cl	**37**		ug/L			7201837	7150078	1	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1532217	2	Standard
|	**Na**	**23**	**0.061**	ug/L	0.040	65	27457	28945	0	Standard
|	**Mg**	**24**	**0.065**	ug/L	0.017	26	4783	6452	3	Standard
|	**Al**	**27**	**0.115**	ug/L	0.015	12	6826	9557	0	Standard
|	**K**	**39**	**-0.658**	ug/L	0.997	151	321709	321242	0	Standard
|	**Ca**	**44**	**-0.156**	ug/L	0.150	96	9203	9146	0	Standard
|	**Fe**	**54**	**0.120**	ug/L	1.341	1116	74641	75957	1	Standard
|	**Fe**	**57**	**-0.264**	ug/L	0.496	187	18658	18723	1	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.000	6	1282	1594	1	Standard
⌈>	**Ge**	**72**		ug/L			104564	98627	2	KED
|	**Zn**	**66**	**-0.033**	ug/L	0.026	77	281	242	8	KED
⌊	**Zn**	**67**	**-0.079**	ug/L	0.019	24	51	39	7	KED
	Y	**89**		ug/L			742874	736087	1	Standard
	Kr	**83**		ug/L			324	297	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-09
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:00:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	64055	0	Standard
	Cl	**37**		ug/L			7201837	7095906	1	Standard
>	**Sc**	**45**		ug/L			1509537	1618860	0	Standard
	Na	**23**	**1242.695**	ug/L	6.879	0	27457	23311415	0	Standard
	Mg	**24**	**1618.196**	ug/L	17.378	1	4783	42426186	0	Standard
	Al	**27**	**11.638**	ug/L	0.179	1	6826	289269	1	Standard
	K	**39**	**677.455**	ug/L	6.660	0	321709	5963245	1	Standard
	Ca	**44**	**8819.045**	ug/L	175.994	1	9203	11480007	1	Standard
	Fe	**54**	**7.307**	ug/L	0.116	1	74641	95101	0	Standard
	Fe	**57**	**23.284**	ug/L	0.949	4	18658	39561	2	Standard
	Mn	**55**	**8.770**	ug/L	0.085	0	1282	383033	1	Standard
>	**Ge**	**72**		ug/L			104564	105048	0	KED
	Zn	**66**	**47.180**	ug/L	0.358	0	281	35599	0	KED
	Zn	**67**	**45.606**	ug/L	0.417	0	51	5697	0	KED
	Y	**89**		ug/L			742874	757994	1	Standard
	Kr	**83**		ug/L			324	290	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-22
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:03:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	64290	0	Standard
	Cl	**37**		ug/L			7201837	7059226	0	Standard
>	**Sc**	**45**		ug/L			1509537	1619592	0	Standard
	Na	**23**	**937.245**	ug/L	7.684	0	27457	17596136	0	Standard
	Mg	**24**	**744.607**	ug/L	5.355	0	4783	19534362	1	Standard
	Al	**27**	**65.614**	ug/L	0.263	0	6826	1597620	0	Standard
	K	**39**	**504.506**	ug/L	2.804	0	321709	4530949	1	Standard
	Ca	**44**	**6708.005**	ug/L	27.994	0	9203	8738709	0	Standard
	Fe	**54**	**24.755**	ug/L	1.742	7	74641	131093	2	Standard
	Fe	**57**	**35.263**	ug/L	0.993	2	18658	49635	1	Standard
	Mn	**55**	**0.699**	ug/L	0.013	1	1282	31799	0	Standard
>	**Ge**	**72**		ug/L			104564	105175	1	KED
	Zn	**66**	**1.024**	ug/L	0.057	5	281	1050	4	KED
	Zn	**67**	**1.091**	ug/L	0.329	30	51	186	20	KED
	Y	**89**		ug/L			742874	766479	1	Standard
	Kr	**83**		ug/L			324	317	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-29
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:07:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	64240	1	Standard
	Cl	**37**		ug/L			7201837	7030347	1	Standard
>	**Sc**	**45**		ug/L			1509537	1648226	1	Standard
	Na	**23**	**1956.466**	ug/L	33.198	1	27457	37344877	0	Standard
	Mg	**24**	**2018.882**	ug/L	56.058	2	4783	53885679	2	Standard
	Al	**27**	**4.489**	ug/L	0.019	0	6826	118181	1	Standard
	K	**39**	**728.249**	ug/L	8.923	1	321709	6499666	0	Standard
	Ca	**44**	**19849.865**	ug/L	544.932	2	9203	26291904	1	Standard
	Fe	**54**	**5.823**	ug/L	0.889	15	74641	93701	1	Standard
	Fe	**57**	**53.351**	ug/L	0.503	0	18658	65982	1	Standard
	Mn	**55**	**2.479**	ug/L	0.037	1	1282	111238	0	Standard
>	**Ge**	**72**		ug/L			104564	105299	0	KED
	Zn	**66**	**0.813**	ug/L	0.062	7	281	893	5	KED
	Zn	**67**	**1.235**	ug/L	0.151	12	51	205	9	KED
	Y	**89**		ug/L			742874	741658	0	Standard
	Kr	**83**		ug/L			324	301	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-30
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:10:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	63883	0	Standard
	Cl	**37**		ug/L			7201837	7031837	1	Standard
>	**Sc**	**45**		ug/L			1509537	1591889	2	Standard
	Na	**23**	**1401.782**	ug/L	10.461	0	27457	25851507	1	Standard
	Mg	**24**	**1567.168**	ug/L	10.864	0	4783	40401848	1	Standard
	Al	**27**	**6.846**	ug/L	0.077	1	6826	170272	1	Standard
	K	**39**	**608.870**	ug/L	5.125	0	321709	5303964	1	Standard
	Ca	**44**	**15823.844**	ug/L	252.213	1	9203	20243851	0	Standard
	Fe	**54**	**9.181**	ug/L	0.738	8	74641	97290	0	Standard
	Fe	**57**	**45.808**	ug/L	2.322	5	18658	57469	1	Standard
	Mn	**55**	**0.131**	ug/L	0.005	4	1282	6969	1	Standard
>	**Ge**	**72**		ug/L			104564	103842	0	KED
	Zn	**66**	**0.131**	ug/L	0.047	36	281	377	9	KED
	Zn	**67**	**0.781**	ug/L	0.124	15	51	146	10	KED
	Y	**89**		ug/L			742874	742983	2	Standard
	Kr	**83**		ug/L			324	291	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-31
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:13:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	63183	1	Standard
	Cl	**37**		ug/L			7201837	7021899	0	Standard
>	**Sc**	**45**		ug/L			1509537	1611541	1	Standard
	Na	**23**	**1486.482**	ug/L	22.927	1	27457	27749071	1	Standard
	Mg	**24**	**1824.910**	ug/L	27.574	1	4783	47624005	1	Standard
	Al	**27**	**4.431**	ug/L	0.031	0	6826	114138	1	Standard
	K	**39**	**663.169**	ug/L	19.899	3	321709	5816362	1	Standard
	Ca	**44**	**18075.881**	ug/L	432.582	2	9203	23410311	1	Standard
	Fe	**54**	**6.323**	ug/L	1.332	21	74641	92621	1	Standard
	Fe	**57**	**48.960**	ug/L	1.304	2	18658	60829	0	Standard
	Mn	**55**	**0.159**	ug/L	0.004	2	1282	8256	0	Standard
>	**Ge**	**72**		ug/L			104564	104388	1	KED
	Zn	**66**	**0.212**	ug/L	0.026	12	281	439	4	KED
	Zn	**67**	**0.691**	ug/L	0.112	16	51	136	11	KED
	Y	**89**		ug/L			742874	740195	1	Standard
	Kr	**83**		ug/L			324	313	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-33
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:17:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	66573	0	Standard
	Cl	**37**		ug/L			7201837	6811764	0	Standard
>	**Sc**	**45**		ug/L			1509537	1597069	1	Standard
	Na	**23**	**1464.015**	ug/L	34.924	2	27457	27081962	0	Standard
	Mg	**24**	**1609.429**	ug/L	37.642	2	4783	41620940	1	Standard
	Al	**27**	**794.601**	ug/L	11.881	1	6826	18996115	0	Standard
	K	**39**	**2645.703**	ug/L	66.568	2	321709	21982023	1	Standard
	Ca	**44**	**17277.042**	ug/L	135.235	0	9203	22178275	1	Standard
	Fe	**54**	**28.135**	ug/L	1.352	4	74641	136127	0	Standard
	Fe	**57**	**67.908**	ug/L	1.998	2	18658	75973	0	Standard
	Mn	**55**	**51.080**	ug/L	0.296	0	1282	2194174	0	Standard
>	**Ge**	**72**		ug/L			104564	102534	0	KED
	Zn	**66**	**86.297**	ug/L	0.275	0	281	63327	0	KED
	Zn	**67**	**82.199**	ug/L	2.230	2	51	9982	2	KED
	Y	**89**		ug/L			742874	742259	0	Standard
	Kr	**83**		ug/L			324	299	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-35
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:21:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	70408	1	Standard
	Cl	**37**		ug/L			7201837	6972235	0	Standard
>	**Sc**	**45**		ug/L			1509537	1587925	1	Standard
	Na	**23**	**554.753**	ug/L	7.213	1	27457	10223040	1	Standard
	Mg	**24**	**388.518**	ug/L	8.100	2	4783	9994127	0	Standard
	Al	**27**	**255.724**	ug/L	4.883	1	6826	6083258	0	Standard
	K	**39**	**350.885**	ug/L	4.412	1	321709	3192416	0	Standard
	Ca	**44**	**3334.431**	ug/L	59.761	1	9203	4263400	1	Standard
	Fe	**54**	**291.784**	ug/L	5.480	1	74641	668085	0	Standard
	Fe	**57**	**283.960**	ug/L	9.865	3	18658	253427	2	Standard
	Mn	**55**	**7.414**	ug/L	0.065	0	1282	317825	0	Standard
>	**Ge**	**72**		ug/L			104564	104461	1	KED
	Zn	**66**	**2.132**	ug/L	0.090	4	281	1868	3	KED
	Zn	**67**	**2.347**	ug/L	0.263	11	51	340	9	KED
	Y	**89**		ug/L			742874	741779	1	Standard
	Kr	**83**		ug/L			324	335	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0046-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:26:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	74886	1	Standard
	Cl	**37**		ug/L			7201837	7502047	0	Standard
>	**Sc**	**45**		ug/L			1509537	1524894	0	Standard
	Na	**23**	**13029.683**	ug/L	308.280	2	27457	229941533	1	Standard
	Mg	**24**	**2722.564**	ug/L	53.100	1	4783	67229969	1	Standard
	Al	**27**	**79.330**	ug/L	0.905	1	6826	1817133	0	Standard
	K	**39**	**2478.316**	ug/L	40.666	1	321709	19683098	0	Standard
	Ca	**44**	**14262.401**	ug/L	210.573	1	9203	17482288	0	Standard
	Fe	**54**	**75.716**	ug/L	1.831	2	74641	222320	0	Standard
	Fe	**57**	**111.964**	ug/L	1.421	1	18658	107394	0	Standard
	Mn	**55**	**108.283**	ug/L	1.123	1	1282	4439743	0	Standard
>	**Ge**	**72**		ug/L			104564	99536	0	KED
	Zn	**66**	**6.518**	ug/L	0.097	1	281	4890	1	KED
	Zn	**67**	**7.082**	ug/L	0.554	7	51	879	6	KED
	Y	**89**		ug/L			742874	730507	1	Standard
	Kr	**83**		ug/L			324	296	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0308-DUP2
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:29:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	81535	1	Standard
	Cl	**37**		ug/L			7201837	7457352	1	Standard
>	**Sc**	**45**		ug/L			1509537	1533763	0	Standard
	Na	**23**	**13029.782**	ug/L	145.071	1	27457	231299623	0	Standard
	Mg	**24**	**2720.480**	ug/L	21.902	0	4783	67577561	1	Standard
	Al	**27**	**80.519**	ug/L	0.672	0	6826	1855042	0	Standard
	K	**39**	**2473.122**	ug/L	28.574	1	321709	19757406	0	Standard
	Ca	**44**	**14087.913**	ug/L	151.706	1	9203	17369518	0	Standard
	Fe	**54**	**75.813**	ug/L	1.512	1	74641	223810	0	Standard
	Fe	**57**	**114.648**	ug/L	1.026	0	18658	110156	0	Standard
	Mn	**55**	**108.461**	ug/L	1.540	1	1282	4472921	0	Standard
>	**Ge**	**72**		ug/L			104564	103086	0	KED
	Zn	**66**	**6.583**	ug/L	0.322	4	281	5112	4	KED
	Zn	**67**	**7.564**	ug/L	0.229	3	51	969	2	KED
	Y	**89**		ug/L			742874	719241	1	Standard
	Kr	**83**		ug/L			324	288	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0308-MS2
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:33:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**			ug/L			31943	69508	1	Standard
	Cl	**37**			ug/L			7201837	7514792	0	Standard
>	**Sc**	**45**			ug/L			1509537	1542690	0	Standard
	Na	**23**		**13411.835**	ug/L	160.094	1	27457	239463183	0	Standard
	Mg	**24**		**3478.229**	ug/L	32.096	0	4783	86901058	1	Standard
	Al	**27**		**886.452**	ug/L	8.983	1	6826	20471863	0	Standard
	K	**39**		**3130.995**	ug/L	46.418	1	321709	25073022	1	Standard
	Ca	**44**		**14443.958**	ug/L	445.643	3	9203	17910191	2	Standard
	Fe	**54**		**961.580**	ug/L	2.237	0	74641	1964168	1	Standard
	Fe	**57**		**970.611**	ug/L	7.354	0	18658	795688	1	Standard
	Mn	**55**	STL	**109.348**	ug/L	2.111	1	1282	4535900	1	Standard
>	**Ge**	**72**			ug/L			104564	99023	0	KED
	Zn	**66**		**26.970**	ug/L	0.319	1	281	19298	1	KED
	Zn	**67**		**26.784**	ug/L	0.471	1	51	3174	1	KED
	Y	**89**			ug/L			742874	727428	0	Standard
	Kr	**83**			ug/L			324	332	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:41:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	33001	1	Standard
	Cl	**37**		ug/L			7201837	7208361	2	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1521106	0	Standard
|	**Na**	**23**	**5127.514**	ug/L	56.138	1	27457	90290782	1	Standard
|	**Mg**	**24**	**5255.237**	ug/L	11.240	0	4783	129457437	0	Standard
|	**Al**	**27**	**5252.610**	ug/L	68.459	1	6826	119572743	0	Standard
|	**K**	**39**	**4875.537**	ug/L	74.723	1	321709	38314060	1	Standard
|	**Ca**	**44**	**5058.282**	ug/L	33.759	0	9203	6191320	0	Standard
|	**Fe**	**54**	**5062.535**	ug/L	55.032	1	74641	9875395	1	Standard
|	**Fe**	**57**	**5029.324**	ug/L	92.802	1	18658	3986501	1	Standard
⌊	**Mn**	**55**	**50.428**	ug/L	0.595	1	1282	2063241	0	Standard
⌈>	**Ge**	**72**		ug/L			104564	95946	2	KED
|	**Zn**	**66**	**50.184**	ug/L	0.624	1	281	34566	2	KED
⌊	**Zn**	**67**	**50.489**	ug/L	1.069	2	51	5754	0	KED
	Y	**89**		ug/L			742874	741074	1	Standard
	Kr	**83**		ug/L			324	323	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:47:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	30952	1	Standard
	Cl	**37**		ug/L			7201837	7141023	1	Standard
>	**Sc**	**45**		ug/L			1509537	1484056	1	Standard
	Na	**23**	**0.308**	ug/L	0.089	28	27457	32271	4	Standard
	Mg	**24**	**0.177**	ug/L	0.075	42	4783	8954	19	Standard
	Al	**27**	**0.234**	ug/L	0.077	32	6826	11905	13	Standard
	K	**39**	**1.076**	ug/L	0.609	56	321709	324409	0	Standard
	Ca	**44**	**-0.043**	ug/L	0.017	40	9203	8996	1	Standard
	Fe	**54**	**0.127**	ug/L	0.752	590	74641	73607	0	Standard
	Fe	**57**	**-0.807**	ug/L	0.614	76	18658	17717	1	Standard
	Mn	**55**	**0.010**	ug/L	0.001	7	1282	1655	2	Standard
>	**Ge**	**72**		ug/L			104564	101325	3	KED
	Zn	**66**	**-0.029**	ug/L	0.044	151	281	252	12	KED
	Zn	**67**	**-0.102**	ug/L	0.110	108	51	37	33	KED
	Y	**89**		ug/L			742874	725056	2	Standard
	Kr	**83**		ug/L			324	292	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-20
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:50:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	55847	1	Standard
	Cl	**37**		ug/L			7201837	7112277	2	Standard
>	**Sc**	**45**		ug/L			1509537	1550456	2	Standard
	Na	**23**	**78.585**	ug/L	0.623	0	27457	1438170	1	Standard
	Mg	**24**	**3.785**	ug/L	0.121	3	4783	99897	1	Standard
	Al	**27**	**11.841**	ug/L	0.287	2	6826	281666	0	Standard
	K	**39**	**10.104**	ug/L	0.916	9	321709	410579	0	Standard
	Ca	**44**	**34.448**	ug/L	0.250	0	9203	52362	1	Standard
	Fe	**54**	**18.156**	ug/L	0.433	2	74641	112482	1	Standard
	Fe	**57**	**10.229**	ug/L	0.548	5	18658	27384	1	Standard
	Mn	**55**	**0.983**	ug/L	0.016	1	1282	42289	1	Standard
>	**Ge**	**72**		ug/L			104564	103781	0	KED
	Zn	**66**	**0.562**	ug/L	0.002	0	281	695	0	KED
	Zn	**67**	**0.460**	ug/L	0.096	20	51	107	11	KED
	Y	**89**		ug/L			742874	742618	0	Standard
	Kr	**83**		ug/L			324	293	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-05
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:53:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	51317	0	Standard
	Cl	**37**		ug/L			7201837	6911052	1	Standard
>	**Sc**	**45**		ug/L			1509537	1541131	1	Standard
	Na	**23**	**625.835**	ug/L	6.406	1	27457	11189262	0	Standard
	Mg	**24**	**991.667**	ug/L	19.993	2	4783	24750161	1	Standard
	Al	**27**	**289.743**	ug/L	5.246	1	6826	6688770	1	Standard
	K	**39**	**684.568**	ug/L	18.524	2	321709	5731701	1	Standard
	Ca	**44**	**6911.575**	ug/L	144.876	2	9203	8567544	2	Standard
	Fe	**54**	**43.822**	ug/L	0.604	1	74641	162143	0	Standard
	Fe	**57**	**60.681**	ug/L	2.718	4	18658	67549	3	Standard
	Mn	**55**	**263.806**	ug/L	6.399	2	1282	10928201	1	Standard
>	**Ge**	**72**		ug/L			104564	102623	0	KED
	Zn	**66**	**43.523**	ug/L	0.227	0	281	32102	0	KED
	Zn	**67**	**40.670**	ug/L	1.810	4	51	4968	4	KED
	Y	**89**		ug/L			742874	756422	1	Standard
	Kr	**83**		ug/L			324	345	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP6
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:57:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	50649	1	Standard
	Cl	37		ug/L			7201837	6864920	1	Standard
>	Sc	45		ug/L			1509537	1537271	1	Standard
	Na	23	614.366	ug/L	0.874	0	27457	10958080	1	Standard
	Mg	24	984.570	ug/L	22.768	2	4783	24511881	1	Standard
	Al	27	281.511	ug/L	4.502	1	6826	6482690	0	Standard
	K	39	656.514	ug/L	6.281	0	321709	5497399	0	Standard
	Ca	44	6832.416	ug/L	83.428	1	9203	8447819	0	Standard
	Fe	54	42.448	ug/L	0.998	2	74641	159045	0	Standard
	Fe	57	57.186	ug/L	0.718	1	18658	64591	0	Standard
	Mn	55	254.551	ug/L	2.144	0	1282	10520186	1	Standard
>	Ge	72		ug/L			104564	102967	0	KED
	Zn	66	42.382	ug/L	0.794	1	281	31372	1	KED
	Zn	67	38.314	ug/L	0.243	0	51	4699	0	KED
	Y	89		ug/L			742874	762013	1	Standard
	Kr	83		ug/L			324	298	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS6
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 00:00:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	48377	1	Standard
	Cl	**37**		ug/L			7201837	6928687	1	Standard
>	**Sc**	**45**		ug/L			1509537	1582667	1	Standard
	Na	**23**	**3108.558**	ug/L	40.277	1	27457	56959857	0	Standard
	Mg	**24**	**3519.332**	ug/L	35.574	1	4783	90199902	0	Standard
	Al	**27**	**2762.471**	ug/L	49.047	1	6826	65426876	0	Standard
	K	**39**	**3055.470**	ug/L	23.167	0	321709	25108556	0	Standard
	Ca	**44**	**9231.889**	ug/L	117.074	1	9203	11749799	2	Standard
	Fe	**54**	**2539.280**	ug/L	22.077	0	74641	5192462	0	Standard
	Fe	**57**	**2565.486**	ug/L	25.340	0	18658	2125299	0	Standard
	Mn	**55**	**261.390**	ug/L	0.436	0	1282	11121911	1	Standard
>	**Ge**	**72**		ug/L			104564	102705	1	KED
	Zn	**66**	**82.966**	ug/L	0.253	0	281	60992	1	KED
	Zn	**67**	**78.056**	ug/L	2.031	2	51	9495	0	KED
	Y	**89**		ug/L			742874	767944	2	Standard
	Kr	**83**		ug/L			324	344	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD6
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 00:05:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	47923	0	Standard
	Cl	37		ug/L			7201837	6951318	1	Standard
>	Sc	45		ug/L			1509537	1536733	1	Standard
	Na	23	3107.454	ug/L	55.903	1	27457	55283519	0	Standard
	Mg	24	3630.092	ug/L	136.703	3	4783	90312142	2	Standard
	Al	27	2853.132	ug/L	49.248	1	6826	65613041	0	Standard
	K	39	3087.821	ug/L	79.647	2	321709	24630479	1	Standard
	Ca	44	9358.625	ug/L	308.370	3	9203	11561165	1	Standard
	Fe	54	2563.454	ug/L	67.007	2	74641	5088226	1	Standard
	Fe	57	2609.493	ug/L	47.296	1	18658	2098543	1	Standard
	Mn	55	266.245	ug/L	5.068	1	1282	10997939	0	Standard
>	Ge	72		ug/L			104564	102139	0	KED
	Zn	66	82.020	ug/L	0.716	0	281	59972	1	KED
	Zn	67	76.382	ug/L	1.331	1	51	9243	1	KED
	Y	89		ug/L			742874	754734	2	Standard
	Kr	83		ug/L			324	314	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-02
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 00:12:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	42883	0	Standard
	Cl	**37**		ug/L			7201837	6915638	0	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1602977	0	Standard
|	**Na**	**23**	**5750.340**	ug/L	96.436	1	27457	106699920	1	Standard
|	**Mg**	**24**	**1417.139**	ug/L	24.372	1	4783	36788405	0	Standard
|	**Al**	**27**	**2.128**	ug/L	0.029	1	6826	58288	0	Standard
|	**K**	**39**	**539.087**	ug/L	14.382	2	321709	4767694	1	Standard
|	**Ca**	**44**	**4420.233**	ug/L	69.029	1	9203	5702274	0	Standard
|	**Fe**	**54**	**4.602**	ug/L	0.751	16	74641	88641	0	Standard
|	**Fe**	**57**	**17.405**	ug/L	1.194	6	18658	34279	2	Standard
⌊	**Mn**	**55**	**89.395**	ug/L	1.346	1	1282	3853117	0	Standard
⌈>	**Ge**	**72**		ug/L			104564	97798	0	KED
|	**Zn**	**66**	**0.299**	ug/L	0.047	15	281	472	7	KED
⌊	**Zn**	**67**	**0.491**	ug/L	0.067	13	51	104	7	KED
	Y	**89**		ug/L			742874	739705	1	Standard
	Kr	**83**		ug/L			324	316	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 00:15:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	44427	1	Standard
	Cl	**37**		ug/L			7201837	6971695	1	Standard
>	**Sc**	**45**		ug/L			1509537	1593632	0	Standard
	Na	**23**	**5904.380**	ug/L	99.969	1	27457	108921786	1	Standard
	Mg	**24**	**1456.930**	ug/L	20.230	1	4783	37603437	1	Standard
	Al	**27**	**2.026**	ug/L	0.040	1	6826	55515	1	Standard
	K	**39**	**558.039**	ug/L	8.378	1	321709	4895391	1	Standard
	Ca	**44**	**4474.364**	ug/L	31.559	0	9203	5738870	0	Standard
	Fe	**54**	**5.196**	ug/L	0.965	18	74641	89334	1	Standard
	Fe	**57**	**17.023**	ug/L	0.268	1	18658	33767	0	Standard
	Mn	**55**	**91.231**	ug/L	1.576	1	1282	3909682	1	Standard
>	**Ge**	**72**		ug/L			104564	102440	1	KED
	Zn	**66**	**0.413**	ug/L	0.035	8	281	577	5	KED
	Zn	**67**	**0.478**	ug/L	0.108	22	51	107	10	KED
	Y	**89**		ug/L			742874	733020	2	Standard
	Kr	**83**		ug/L			324	310	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 00:19:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	43547	0	Standard
	Cl	**37**		ug/L			7201837	6910920	0	Standard
>	**Sc**	**45**		ug/L			1509537	1577670	0	Standard
	Na	**23**	**6612.910**	ug/L	162.309	2	27457	120762068	2	Standard
	Mg	**24**	**2444.958**	ug/L	50.619	2	4783	62468710	1	Standard
	Al	**27**	**1027.546**	ug/L	20.589	2	6826	24266374	1	Standard
	K	**39**	**1495.396**	ug/L	10.499	0	321709	12421794	0	Standard
	Ca	**44**	**5295.917**	ug/L	161.704	3	9203	6722266	2	Standard
	Fe	**54**	**1002.526**	ug/L	15.474	1	74641	2090868	1	Standard
	Fe	**57**	**1097.983**	ug/L	13.405	1	18658	917902	0	Standard
	Mn	**55**	STL **92.705**	ug/L	0.399	0	1282	3932952	0	Standard
>	**Ge**	**72**		ug/L			104564	99961	1	KED
	Zn	**66**	**17.083**	ug/L	0.519	3	281	12433	1	KED
	Zn	**67**	**16.436**	ug/L	0.384	2	51	1984	0	KED
	Y	**89**		ug/L			742874	740119	0	Standard
	Kr	**83**		ug/L			324	349	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 00:24:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	44321	0	Standard
	Cl	37		ug/L			7201837	6906386	0	Standard
>	Sc	45		ug/L			1509537	1607942	0	Standard
	Na	23	6583.860	ug/L	34.801	0	27457	122543464	0	Standard
	Mg	24	2369.973	ug/L	17.568	0	4783	61717278	0	Standard
	Al	27	1005.311	ug/L	13.234	1	6826	24197109	0	Standard
	K	39	1473.451	ug/L	5.525	0	321709	12479464	0	Standard
	Ca	44	5300.086	ug/L	8.616	0	9203	6857103	0	Standard
	Fe	54	992.333	ug/L	22.172	2	74641	2109998	1	Standard
	Fe	57	1065.639	ug/L	9.561	0	18658	908567	1	Standard
	Mn	55	STL 90.393	ug/L	0.832	0	1282	3908383	0	Standard
>	Ge	72		ug/L			104564	102478	1	KED
	Zn	66	16.727	ug/L	0.220	1	281	12491	2	KED
	Zn	67	16.180	ug/L	0.240	1	51	2004	2	KED
	Y	89		ug/L			742874	755691	1	Standard
	Kr	83		ug/L			324	289	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:30:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	42014	0	Standard
	Cl	**37**		ug/L			7201837	6848722	1	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1484526	0	Standard
|	**Na**	**23**	**0.004**	ug/L	0.028	648	27457	27073	0	Standard
|	**Mg**	**24**	**0.151**	ug/L	0.008	5	4783	8345	2	Standard
|	**Al**	**27**	**0.084**	ug/L	0.012	13	6826	8575	3	Standard
|	**K**	**39**	**-0.843**	ug/L	0.217	25	321709	309960	0	Standard
|	**Ca**	**44**	**-0.634**	ug/L	0.162	25	9203	8294	2	Standard
|	**Fe**	**54**	**-1.173**	ug/L	0.546	46	74641	71183	0	Standard
|	**Fe**	**57**	**-0.981**	ug/L	0.395	40	18658	17593	1	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	30	1282	1349	1	Standard
⌈>	**Ge**	**72**		ug/L			104564	97659	1	KED
|	**Zn**	**66**	**-0.036**	ug/L	0.027	76	281	238	7	KED
⌊	**Zn**	**67**	**-0.048**	ug/L	0.077	161	51	42	20	KED
	Y	**89**		ug/L			742874	715354	0	Standard
	Kr	**83**		ug/L			324	317	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:34:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	33144	2	Standard
	Cl	**37**		ug/L			7201837	7242947	1	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1515860	1	Standard
|	**Na**	**23**	**5090.542**	ug/L	91.679	1	27457	89318845	0	Standard
|	**Mg**	**24**	**5264.353**	ug/L	124.049	2	4783	129211135	1	Standard
|	**Al**	**27**	**5143.657**	ug/L	93.348	1	6826	116680182	1	Standard
|	**K**	**39**	**4929.285**	ug/L	25.794	0	321709	38600288	1	Standard
|	**Ca**	**44**	**4998.287**	ug/L	69.844	1	9203	6096229	0	Standard
|	**Fe**	**54**	**5064.818**	ug/L	57.320	1	74641	9845285	1	Standard
|	**Fe**	**57**	**5015.123**	ug/L	106.544	2	18658	3961041	1	Standard
⌊	**Mn**	**55**	**50.183**	ug/L	0.871	1	1282	2046082	1	Standard
⌈>	**Ge**	**72**		ug/L			104564	100975	0	KED
|	**Zn**	**66**	**50.315**	ug/L	0.076	0	281	36474	0	KED
⌊	**Zn**	**67**	**50.348**	ug/L	1.700	3	51	6040	2	KED
	Y	**89**		ug/L			742874	742165	1	Standard
	Kr	**83**		ug/L			324	319	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:40:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	31111	2	Standard
	Cl	**37**		ug/L			7201837	7016455	0	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1497677	1	Standard
|	**Na**	**23**	**0.262**	ug/L	0.017	6	27457	31784	1	Standard
|	**Mg**	**24**	**0.091**	ug/L	0.012	12	4783	6958	5	Standard
|	**Al**	**27**	**0.168**	ug/L	0.017	10	6826	10538	4	Standard
|	**K**	**39**	**0.041**	ug/L	0.568	1370	321709	319460	0	Standard
|	**Ca**	**44**	**-0.170**	ug/L	0.082	48	9203	8926	0	Standard
|	**Fe**	**54**	**-0.736**	ug/L	0.507	68	74641	72646	0	Standard
|	**Fe**	**57**	**0.843**	ug/L	0.561	66	18658	19163	1	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	11	1282	1578	0	Standard
⌈>	**Ge**	**72**		ug/L			104564	97898	2	KED
|	**Zn**	**66**	**0.007**	ug/L	0.024	341	281	268	4	KED
⌊	**Zn**	**67**	**-0.077**	ug/L	0.047	61	51	39	15	KED
	Y	**89**		ug/L			742874	726629	0	Standard
	Kr	**83**		ug/L			324	313	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:44:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				30914	1	Standard
	Cl	**37**		ug/L				6981290	1	Standard
⌈>	**Sc**	**45**		ug/L				1492312	2	Standard
|	**Na**	**23**		ug/L				27578	1	Standard
|	**Mg**	**24**		ug/L				5189	3	Standard
|	**Al**	**27**		ug/L				9166	2	Standard
|	**K**	**39**		ug/L				318667	0	Standard
|	**Ca**	**44**		ug/L				8570	2	Standard
|	**Fe**	**54**		ug/L				73091	1	Standard
|	**Fe**	**57**		ug/L				19491	0	Standard
⌊	**Mn**	**55**		ug/L				1570	1	Standard
⌈>	**Ge**	**72**		ug/L				104273	0	KED
|	**Zn**	**66**		ug/L				288	9	KED
⌊	**Zn**	**67**		ug/L				38	17	KED
	Y	**89**		ug/L				719025	1	Standard
	Kr	**83**		ug/L				306	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:47:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	32403	1	Standard
	Cl	**37**		ug/L			6981290	7203814	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1527543	1	Standard
|	**Na**	**23**	**5032.863**	ug/L	82.868	1	27578	88988230	0	Standard
|	**Mg**	**24**	**5173.139**	ug/L	169.979	3	5189	127936869	1	Standard
|	**Al**	**27**	**5124.579**	ug/L	107.131	2	9166	117136134	0	Standard
|	**K**	**39**	**4863.311**	ug/L	103.757	2	318667	38376912	1	Standard
|	**Ca**	**44**	**5031.969**	ug/L	171.428	3	8570	6182867	2	Standard
|	**Fe**	**54**	**5014.580**	ug/L	125.314	2	73091	9821138	1	Standard
|	**Fe**	**57**	**4966.992**	ug/L	132.351	2	19491	3954179	1	Standard
⌊	**Mn**	**55**	**49.923**	ug/L	1.477	2	1570	2051017	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	102133	1	KED
|	**Zn**	**66**	**50.046**	ug/L	1.077	2	288	36697	1	KED
⌊	**Zn**	**67**	**49.236**	ug/L	0.545	1	38	5963	1	KED
	Y	**89**		ug/L			719025	755573	0	Standard
	Kr	**83**		ug/L			306	299	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:53:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	30600	0	Standard
	Cl	**37**		ug/L			6981290	7043106	2	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1474612	2	Standard
|	**Na**	**23**	**0.150**	ug/L	0.018	11	27578	29802	1	Standard
|	**Mg**	**24**	**0.050**	ug/L	0.013	25	5189	6327	2	Standard
|	**Al**	**27**	**0.056**	ug/L	0.012	22	9166	10290	1	Standard
|	**K**	**39**	**1.342**	ug/L	1.011	75	318667	324920	0	Standard
|	**Ca**	**44**	**-0.032**	ug/L	0.254	807	8570	8428	2	Standard
|	**Fe**	**54**	**0.709**	ug/L	0.958	135	73091	73530	1	Standard
|	**Fe**	**57**	**-0.485**	ug/L	0.032	6	19491	18889	2	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	200	1570	1562	2	Standard
⌈>	**Ge**	**72**		ug/L			104273	105636	4	KED
|	**Zn**	**66**	**-0.057**	ug/L	0.020	35	288	249	2	KED
⌊	**Zn**	**67**	**0.010**	ug/L	0.045	434	38	40	17	KED
	Y	**89**		ug/L			719025	723233	2	Standard
	Kr	**83**		ug/L			306	295	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0306-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:56:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	46467	1	Standard
	Cl	**37**		ug/L			6981290	6784388	5	Standard
>	**Sc**	**45**		ug/L			1492312	1340685	17	Standard
	Na	**23**	**2.818**	ug/L	0.628	22	27578	67344	5	Standard
	Mg	**24**	**0.588**	ug/L	0.116	19	5189	17136	4	Standard
	Al	**27**	**2.369**	ug/L	0.372	15	9166	54879	5	Standard
	K	**39**	**7.545**	ug/L	8.925	118	318667	330844	1	Standard
	Ca	**44**	**7.615**	ug/L	1.952	25	8570	15653	6	Standard
	Fe	**54**	**9.405**	ug/L	11.084	117	73091	79470	3	Standard
	Fe	**57**	**2.430**	ug/L	3.887	159	19491	18880	5	Standard
	Mn	**55**	**0.122**	ug/L	0.026	21	1570	5682	3	Standard
>	**Ge**	**72**		ug/L			104273	101085	0	KED
	Zn	**66**	**-0.016**	ug/L	0.039	241	288	268	10	KED
	Zn	**67**	**-0.006**	ug/L	0.042	671	38	36	13	KED
	Y	**89**		ug/L			719025	656940	17	Standard
	Kr	**83**		ug/L			306	307	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0306-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:00:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	50763	2	Standard
	Cl	**37**		ug/L			6981290	7275476	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1512228	1	Standard
|	**Na**	**23**	**4947.152**	ug/L	22.676	0	27578	86605321	0	Standard
|	**Mg**	**24**	**5203.959**	ug/L	46.891	0	5189	127439456	0	Standard
|	**Al**	**27**	**5008.005**	ug/L	46.967	0	9166	113351464	1	Standard
|	**K**	**39**	**4822.945**	ug/L	63.229	1	318667	37681829	0	Standard
|	**Ca**	**44**	**4809.782**	ug/L	16.787	0	8570	5852819	1	Standard
|	**Fe**	**54**	**4919.187**	ug/L	42.483	0	73091	9540627	0	Standard
|	**Fe**	**57**	**4931.150**	ug/L	84.972	1	19491	3886854	0	Standard
⌊	**Mn**	**55**	**98.561**	ug/L	0.920	0	1570	4008192	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	102259	1	KED
|	**Zn**	**66**	**304.271**	ug/L	3.609	1	288	221979	1	KED
⌊	**Zn**	**67**	**288.145**	ug/L	6.869	2	38	34754	1	KED
	Y	**89**		ug/L			719025	727025	1	Standard
	Kr	**83**		ug/L			306	340	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-35
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:03:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	56693	1	Standard
	Cl	**37**		ug/L			6981290	7202602	1	Standard
>	**Sc**	**45**		ug/L			1492312	1486480	1	Standard
	Na	**23**	**43.661**	ug/L	0.428	0	27578	778547	1	Standard
	Mg	**24**	**9.010**	ug/L	0.078	0	5189	222082	1	Standard
	Al	**27**	**17.119**	ug/L	0.094	0	9166	389936	0	Standard
	K	**39**	**18.705**	ug/L	0.790	4	318667	459809	0	Standard
	Ca	**44**	**55.792**	ug/L	0.349	0	8570	75174	1	Standard
	Fe	**54**	**28.077**	ug/L	0.612	2	73091	125911	0	Standard
	Fe	**57**	**19.248**	ug/L	0.674	3	19491	34251	1	Standard
	Mn	**55**	**0.699**	ug/L	0.010	1	1570	29474	0	Standard
>	**Ge**	**72**		ug/L			104273	101270	0	KED
	Zn	**66**	**1.318**	ug/L	0.069	5	288	1231	3	KED
	Zn	**67**	**1.467**	ug/L	0.063	4	38	212	2	KED
	Y	**89**		ug/L			719025	724961	0	Standard
	Kr	**83**		ug/L			306	313	24	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-39
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:06:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	56914	1	Standard
	Cl	**37**		ug/L			6981290	7043712	0	Standard
>	**Sc**	**45**		ug/L			1492312	1486582	3	Standard
	Na	**23**	**2.761**	ug/L	0.182	6	27578	74913	1	Standard
	Mg	**24**	**1.006**	ug/L	0.075	7	5189	29360	3	Standard
	Al	**27**	**7.231**	ug/L	0.345	4	9166	169848	1	Standard
	K	**39**	**2.669**	ug/L	1.513	56	318667	337529	0	Standard
	Ca	**44**	**6.156**	ug/L	0.583	9	8570	15876	1	Standard
	Fe	**54**	**6.193**	ug/L	0.566	9	73091	84508	2	Standard
	Fe	**57**	**-0.130**	ug/L	1.247	957	19491	19295	1	Standard
	Mn	**55**	**0.045**	ug/L	0.004	7	1570	3364	1	Standard
>	**Ge**	**72**		ug/L			104273	100623	1	KED
	Zn	**66**	**0.169**	ug/L	0.030	17	288	400	4	KED
	Zn	**67**	**0.211**	ug/L	0.174	82	38	61	32	KED
	Y	**89**		ug/L			719025	731727	2	Standard
	Kr	**83**		ug/L			306	357	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-40
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:10:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	58121	1	Standard
	Cl	37		ug/L			6981290	7035527	0	Standard
>	Sc	45		ug/L			1492312	1488039	0	Standard
	Na	23	4.144	ug/L	0.078	1	27578	98859	0	Standard
	Mg	24	1.681	ug/L	0.012	0	5189	45672	1	Standard
	Al	27	2.320	ug/L	0.013	0	9166	60799	0	Standard
	K	39	3.079	ug/L	0.215	6	318667	341217	0	Standard
	Ca	44	10.010	ug/L	0.294	2	8570	20514	2	Standard
	Fe	54	2.584	ug/L	0.354	13	73091	77771	0	Standard
	Fe	57	-0.925	ug/L	0.245	26	19491	18720	0	Standard
	Mn	55	0.025	ug/L	0.001	2	1570	2546	1	Standard
>	Ge	72		ug/L			104273	101882	0	KED
	Zn	66	0.154	ug/L	0.036	23	288	394	6	KED
	Zn	67	0.293	ug/L	0.056	19	38	72	9	KED
	Y	89		ug/L			719025	725709	1	Standard
	Kr	83		ug/L			306	293	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-21
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:13:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	61828	0	Standard
	Cl	**37**		ug/L			6981290	6938994	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1539738	0	Standard
|	**Na**	**23**	**566.666**	ug/L	4.042	0	27578	10126071	0	Standard
|	**Mg**	**24**	**483.808**	ug/L	5.249	1	5189	12068496	0	Standard
|	**Al**	**27**	**102.162**	ug/L	2.118	2	9166	2363567	2	Standard
|	**K**	**39**	**526.297**	ug/L	4.478	0	318667	4479994	0	Standard
|	**Ca**	**44**	**3474.118**	ug/L	15.281	0	8570	4306756	0	Standard
|	**Fe**	**54**	**117.476**	ug/L	0.456	0	73091	305613	0	Standard
|	**Fe**	**57**	**117.589**	ug/L	3.268	2	19491	114006	1	Standard
⌊	**Mn**	**55**	**2.551**	ug/L	0.029	1	1570	107196	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	103648	2	KED
|	**Zn**	**66**	**0.617**	ug/L	0.045	7	288	742	2	KED
⌊	**Zn**	**67**	**0.969**	ug/L	0.081	8	38	156	5	KED
	Y	**89**		ug/L			719025	740097	1	Standard
	Kr	**83**		ug/L			306	284	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0617-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:16:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	59589	2	Standard
	Cl	**37**		ug/L			6981290	6788250	0	Standard
>	**Sc**	**45**		ug/L			1492312	1546477	1	Standard
	Na	**23**	**553.944**	ug/L	13.009	2	27578	9940634	0	Standard
	Mg	**24**	**470.970**	ug/L	13.324	2	5189	11797934	1	Standard
	Al	**27**	**99.775**	ug/L	2.408	2	9166	2318242	1	Standard
	K	**39**	**509.489**	ug/L	8.487	1	318667	4366009	0	Standard
	Ca	**44**	**3429.849**	ug/L	61.065	1	8570	4270205	1	Standard
	Fe	**54**	**116.046**	ug/L	0.921	0	73091	304121	0	Standard
	Fe	**57**	**113.846**	ug/L	3.138	2	19491	111488	0	Standard
	Mn	**55**	**2.506**	ug/L	0.040	1	1570	105795	2	Standard
>	**Ge**	**72**		ug/L			104273	102059	2	KED
	Zn	**66**	**0.582**	ug/L	0.016	2	288	706	3	KED
	Zn	**67**	**1.038**	ug/L	0.252	24	38	162	20	KED
	Y	**89**		ug/L			719025	743649	1	Standard
	Kr	**83**		ug/L			306	299	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0617-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:20:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	54473	2	Standard
	Cl	**37**		ug/L			6981290	7007756	1	Standard
>	**Sc**	**45**		ug/L			1492312	1553732	1	Standard
	Na	**23**	**5414.871**	ug/L	45.588	0	27578	97388710	0	Standard
	Mg	**24**	**5467.818**	ug/L	88.573	1	5189	137568472	1	Standard
	Al	**27**	**5033.805**	ug/L	54.151	1	9166	117058085	1	Standard
	K	**39**	**5303.200**	ug/L	7.715	0	318667	42541364	1	Standard
	Ca	**44**	**8090.348**	ug/L	74.022	0	8570	10108422	1	Standard
	Fe	**54**	**4978.225**	ug/L	84.474	1	73091	9918338	0	Standard
	Fe	**57**	**4932.658**	ug/L	53.827	1	19491	3994801	0	Standard
	Mn	**55**	**29.240**	ug/L	0.355	1	1570	1222778	0	Standard
>	**Ge**	**72**		ug/L			104273	100344	1	KED
	Zn	**66**	**77.625**	ug/L	0.843	1	288	55776	0	KED
	Zn	**67**	**74.958**	ug/L	0.506	0	38	8901	1	KED
	Y	**89**		ug/L			719025	741112	1	Standard
	Kr	**83**		ug/L			306	319	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0617-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:25:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	57337	0	Standard
	Cl	**37**		ug/L			6981290	7036318	0	Standard
>	**Sc**	**45**		ug/L			1492312	1549063	0	Standard
	Na	**23**	**5631.235**	ug/L	88.285	1	27578	100978988	1	Standard
	Mg	**24**	**5656.431**	ug/L	22.782	0	5189	141900330	0	Standard
	Al	**27**	**5236.890**	ug/L	55.751	1	9166	121410666	0	Standard
	K	**39**	**5503.424**	ug/L	27.743	0	318667	44003058	0	Standard
	Ca	**44**	**8525.731**	ug/L	21.645	0	8570	10620155	0	Standard
	Fe	**54**	**5230.623**	ug/L	90.031	1	73091	10387730	1	Standard
	Fe	**57**	**5145.161**	ug/L	56.971	1	19491	4153988	1	Standard
	Mn	**55**	**30.359**	ug/L	0.359	1	1570	1265822	1	Standard
>	**Ge**	**72**		ug/L			104273	100878	0	KED
	Zn	**66**	**80.383**	ug/L	0.910	1	288	58056	0	KED
	Zn	**67**	**76.550**	ug/L	1.739	2	38	9136	1	KED
	Y	**89**		ug/L			719025	740751	0	Standard
	Kr	**83**		ug/L			306	311	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:31:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	40861	2	Standard
	Cl	**37**		ug/L			6981290	6718394	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1440876	1	Standard
|	**Na**	**23**	**0.033**	ug/L	0.012	36	27578	27183	1	Standard
|	**Mg**	**24**	**0.175**	ug/L	0.005	2	5189	9084	0	Standard
|	**Al**	**27**	**0.077**	ug/L	0.003	3	9166	10504	1	Standard
|	**K**	**39**	**1.444**	ug/L	0.581	40	318667	318311	0	Standard
|	**Ca**	**44**	**-0.220**	ug/L	0.075	34	8570	8019	1	Standard
|	**Fe**	**54**	**0.331**	ug/L	0.360	108	73091	71179	1	Standard
|	**Fe**	**57**	**-2.465**	ug/L	0.276	11	19491	16977	2	Standard
⌊	**Mn**	**55**	**-0.009**	ug/L	0.001	6	1570	1180	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	96629	1	KED
|	**Zn**	**66**	**-0.040**	ug/L	0.027	67	288	240	6	KED
⌊	**Zn**	**67**	**-0.036**	ug/L	0.051	138	38	31	17	KED
	Y	**89**		ug/L			719025	717586	1	Standard
	Kr	**83**		ug/L			306	325	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:35:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	32425	0	Standard
	Cl	**37**		ug/L			6981290	7052490	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1475571	0	Standard
|	**Na**	**23**	**4952.517**	ug/L	26.733	0	27578	84599253	0	Standard
|	**Mg**	**24**	**5141.463**	ug/L	45.732	0	5189	122862270	0	Standard
|	**Al**	**27**	**5006.747**	ug/L	70.179	1	9166	110566817	1	Standard
|	**K**	**39**	**4902.756**	ug/L	32.270	0	318667	37374413	0	Standard
|	**Ca**	**44**	**4904.998**	ug/L	121.806	2	8570	5823469	2	Standard
|	**Fe**	**54**	**5029.534**	ug/L	28.767	0	73091	9517049	0	Standard
|	**Fe**	**57**	**5005.152**	ug/L	45.724	0	19491	3849658	0	Standard
⌊	**Mn**	**55**	**50.010**	ug/L	0.112	0	1570	1985242	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	98856	2	KED
|	**Zn**	**66**	**49.381**	ug/L	0.403	0	288	35058	2	KED
⌊	**Zn**	**67**	**49.956**	ug/L	1.360	2	38	5854	2	KED
	Y	**89**		ug/L			719025	733737	0	Standard
	Kr	**83**		ug/L			306	319	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:41:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	30597	1	Standard
	Cl	**37**		ug/L			6981290	6992388	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1440503	0	Standard
|	**Na**	**23**	**-0.050**	ug/L	0.027	54	27578	25793	1	Standard
|	**Mg**	**24**	**0.020**	ug/L	0.001	6	5189	5478	1	Standard
|	**Al**	**27**	**-0.106**	ug/L	0.007	6	9166	6553	2	Standard
|	**K**	**39**	**2.244**	ug/L	0.381	16	318667	324147	0	Standard
|	**Ca**	**44**	**-0.452**	ug/L	0.070	15	8570	7749	1	Standard
|	**Fe**	**54**	**0.910**	ug/L	0.688	75	73091	72223	2	Standard
|	**Fe**	**57**	**-1.329**	ug/L	0.242	18	19491	17820	0	Standard
⌊	**Mn**	**55**	**-0.010**	ug/L	0.002	22	1570	1119	7	Standard
⌈>	**Ge**	**72**		ug/L			104273	96713	2	KED
|	**Zn**	**66**	**-0.109**	ug/L	0.015	13	288	193	5	KED
⌊	**Zn**	**67**	**-0.043**	ug/L	0.053	121	38	30	21	KED
	Y	**89**		ug/L			719025	708539	2	Standard
	Kr	**83**		ug/L			306	297	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-50
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:45:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	55308	0	Standard
	Cl	**37**		ug/L			6981290	6875689	0	Standard
>	**Sc**	**45**		ug/L			1492312	1459914	0	Standard
	Na	**23**	**1.819**	ug/L	0.077	4	27578	57708	1	Standard
	Mg	**24**	**0.937**	ug/L	0.023	2	5189	27237	1	Standard
	Al	**27**	**2.166**	ug/L	0.033	1	9166	56282	0	Standard
	K	**39**	**2.290**	ug/L	0.503	21	318667	328850	0	Standard
	Ca	**44**	**8.584**	ug/L	0.061	0	8570	18453	1	Standard
	Fe	**54**	**6.806**	ug/L	0.513	7	73091	84144	0	Standard
	Fe	**57**	**0.365**	ug/L	0.365	100	19491	19343	1	Standard
	Mn	**55**	**0.068**	ug/L	0.002	2	1570	4209	1	Standard
>	**Ge**	**72**		ug/L			104273	100809	0	KED
	Zn	**66**	**-0.002**	ug/L	0.011	653	288	278	3	KED
	Zn	**67**	**-0.032**	ug/L	0.065	200	38	33	23	KED
	Y	**89**		ug/L			719025	725704	1	Standard
	Kr	**83**		ug/L			306	306	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-28
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:48:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	53047	1	Standard
	Cl	**37**		ug/L			6981290	6643978	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1490281	2	Standard
|	**Na**	**23**	**606.113**	ug/L	6.670	1	27578	10480288	1	Standard
|	**Mg**	**24**	**425.067**	ug/L	9.202	2	5189	10261037	1	Standard
|	**Al**	**27**	**62.436**	ug/L	0.488	0	9166	1401581	2	Standard
|	**K**	**39**	**395.311**	ug/L	10.501	2	318667	3334978	0	Standard
|	**Ca**	**44**	**4335.702**	ug/L	23.674	0	8570	5199695	1	Standard
|	**Fe**	**54**	**66.509**	ug/L	2.952	4	73091	199048	0	Standard
|	**Fe**	**57**	**74.114**	ug/L	3.114	4	19491	76716	1	Standard
⌊	**Mn**	**55**	**2.682**	ug/L	0.047	1	1570	108964	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	100203	2	KED
|	**Zn**	**66**	**5.901**	ug/L	0.135	2	288	4488	0	KED
⌊	**Zn**	**67**	**6.069**	ug/L	0.484	7	38	753	9	KED
	Y	**89**		ug/L			719025	731985	2	Standard
	Kr	**83**		ug/L			306	311	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0615-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:51:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	55933	1	Standard
	Cl	37		ug/L			6981290	6626184	0	Standard
>	Sc	45		ug/L			1492312	1492405	1	Standard
	Na	23	602.661	ug/L	6.458	1	27578	10435740	0	Standard
	Mg	24	432.886	ug/L	4.683	1	5189	10466871	1	Standard
	Al	27	62.851	ug/L	0.762	1	9166	1412927	1	Standard
	K	39	395.837	ug/L	2.711	0	318667	3345071	1	Standard
	Ca	44	4375.862	ug/L	30.805	0	8570	5255435	0	Standard
	Fe	54	65.139	ug/L	0.332	0	73091	196814	1	Standard
	Fe	57	71.548	ug/L	0.690	0	19491	74874	1	Standard
	Mn	55	2.715	ug/L	0.030	1	1570	110477	0	Standard
>	Ge	72		ug/L			104273	100357	1	KED
	Zn	66	6.233	ug/L	0.060	0	288	4736	2	KED
	Zn	67	6.151	ug/L	0.415	6	38	763	5	KED
	Y	89		ug/L			719025	725590	1	Standard
	Kr	83		ug/L			306	321	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0615-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:55:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	58455	2	Standard
	Cl	**37**		ug/L			6981290	6824378	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1517091	0	Standard
|	**Na**	**23**	**5591.703**	ug/L	58.198	1	27578	98200889	0	Standard
|	**Mg**	**24**	**5526.336**	ug/L	53.904	0	5189	135781989	1	Standard
|	**Al**	**27**	**5099.226**	ug/L	107.284	2	9166	115769004	1	Standard
|	**K**	**39**	**5354.212**	ug/L	27.316	0	318667	41934063	0	Standard
|	**Ca**	**44**	**9047.378**	ug/L	123.386	1	8570	11037288	1	Standard
|	**Fe**	**54**	**5038.209**	ug/L	34.188	0	73091	9801386	0	Standard
|	**Fe**	**57**	**5074.380**	ug/L	42.392	0	19491	4012381	0	Standard
⌊	**Mn**	**55**	**29.955**	ug/L	0.396	1	1570	1223148	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	99781	1	KED
|	**Zn**	**66**	**86.152**	ug/L	2.121	2	288	61520	1	KED
⌊	**Zn**	**67**	**82.543**	ug/L	1.915	2	38	9741	1	KED
	Y	**89**		ug/L			719025	728762	1	Standard
	Kr	**83**		ug/L			306	319	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0615-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:00:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	57351	2	Standard
	Cl	37		ug/L			6981290	6753665	0	Standard
>	Sc	45		ug/L			1492312	1497851	0	Standard
	Na	23	5637.077	ug/L	53.421	0	27578	97740031	0	Standard
	Mg	24	5583.987	ug/L	35.875	0	5189	135448681	0	Standard
	Al	27	5138.196	ug/L	49.302	0	9166	115187169	1	Standard
	K	39	5327.429	ug/L	48.347	0	318667	41196052	0	Standard
	Ca	44	9306.580	ug/L	50.354	0	8570	11208949	1	Standard
	Fe	54	5159.478	ug/L	20.412	0	73091	9908692	1	Standard
	Fe	57	5026.295	ug/L	55.064	1	19491	3924422	1	Standard
	Mn	55	30.244	ug/L	0.306	1	1570	1219264	0	Standard
>	Ge	72		ug/L			104273	97467	1	KED
	Zn	66	87.611	ug/L	0.696	0	288	61122	2	KED
	Zn	67	83.656	ug/L	1.754	2	38	9643	2	KED
	Y	89		ug/L			719025	715568	0	Standard
	Kr	83		ug/L			306	302	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-17
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:06:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	60315	1	Standard
	Cl	37		ug/L			6981290	6586564	0	Standard
>	Sc	45		ug/L			1492312	1581185	1	Standard
	Na	23	2264.842	ug/L	55.299	2	27578	41465364	1	Standard
	Mg	24	2371.383	ug/L	50.790	2	5189	60716016	0	Standard
	Al	27	266.395	ug/L	7.255	2	9166	6312662	2	Standard
	K	39	3458.886	ug/L	62.727	1	318667	28350423	0	Standard
	Ca	44	19035.375	ug/L	486.375	2	8570	24188323	1	Standard
	Fe	54	21.252	ug/L	1.006	4	73091	120194	0	Standard
	Fe	57	63.199	ug/L	0.818	1	19491	72474	0	Standard
	Mn	55	30.873	ug/L	0.339	1	1570	1313833	0	Standard
>	Ge	72		ug/L			104273	95913	1	KED
	Zn	66	84.136	ug/L	2.039	2	288	57759	1	KED
	Zn	67	79.014	ug/L	4.208	5	38	8962	4	KED
	Y	89		ug/L			719025	751139	1	Standard
	Kr	83		ug/L			306	300	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:10:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	62082	1	Standard
	Cl	37		ug/L			6981290	6547524	2	Standard
>	Sc	45		ug/L			1492312	1588508	0	Standard
	Na	23	2052.123	ug/L	20.693	1	27578	37752681	0	Standard
	Mg	24	2177.981	ug/L	41.024	1	5189	56028812	1	Standard
	Al	27	242.712	ug/L	7.237	2	9166	5778705	2	Standard
	K	39	3101.636	ug/L	47.497	1	318667	25576248	0	Standard
	Ca	44	17385.523	ug/L	307.870	1	8570	22196173	0	Standard
	Fe	54	44.461	ug/L	1.714	3	73091	167667	1	Standard
	Fe	57	82.466	ug/L	1.189	1	19491	88683	0	Standard
	Mn	55	28.396	ug/L	0.437	1	1570	1214113	0	Standard
>	Ge	72		ug/L			104273	99208	0	KED
	Zn	66	79.285	ug/L	0.959	1	288	56322	1	KED
	Zn	67	73.988	ug/L	1.130	1	38	8686	1	KED
	Y	89		ug/L			719025	738189	3	Standard
	Kr	83		ug/L			306	318	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:13:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	60797	1	Standard
	Cl	37		ug/L			6981290	6668282	0	Standard
>	Sc	45		ug/L			1492312	1655472	1	Standard
	Na	23	6657.519	ug/L	107.756	1	27578	127563238	0	Standard
	Mg	24	7132.478	ug/L	82.278	1	5189	191202718	0	Standard
	Al	27	4998.997	ug/L	69.613	1	9166	123844920	0	Standard
	K	39	7546.798	ug/L	26.511	0	318667	64353478	1	Standard
	Ca	44	22405.618	ug/L	85.668	0	8570	29811227	1	Standard
	Fe	54	4653.337	ug/L	60.692	1	73091	9884159	1	Standard
	Fe	57	4698.454	ug/L	11.861	0	19491	4055668	1	Standard
	Mn	55	49.503	ug/L	0.362	0	1570	2204567	0	Standard
>	Ge	72		ug/L			104273	101624	0	KED
	Zn	66	154.888	ug/L	0.728	0	288	112440	0	KED
	Zn	67	148.268	ug/L	2.502	1	38	17793	1	KED
	Y	89		ug/L			719025	761763	1	Standard
	Kr	83		ug/L			306	323	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:18:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	63662	0	Standard
	Cl	37		ug/L			6981290	6677719	1	Standard
>	Sc	45		ug/L			1492312	1630441	0	Standard
	Na	23	6741.471	ug/L	145.380	2	27578	127225955	1	Standard
	Mg	24	7164.108	ug/L	48.279	0	5189	189162386	0	Standard
	Al	27	4959.345	ug/L	111.806	2	9166	121008290	1	Standard
	K	39	7699.177	ug/L	105.727	1	318667	64650769	0	Standard
	Ca	44	23031.709	ug/L	285.745	1	8570	30179566	0	Standard
	Fe	54	4679.818	ug/L	14.849	0	73091	9790390	0	Standard
	Fe	57	4698.107	ug/L	62.036	1	19491	3994208	1	Standard
	Mn	55	50.033	ug/L	0.400	0	1570	2194572	0	Standard
>	Ge	72		ug/L			104273	96423	2	KED
	Zn	66	156.317	ug/L	4.232	2	288	107664	3	KED
	Zn	67	149.699	ug/L	2.518	1	38	17045	2	KED
	Y	89		ug/L			719025	757594	1	Standard
	Kr	83		ug/L			306	325	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:25:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	41426	1	Standard
	Cl	**37**		ug/L			6981290	6783360	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1532654	1	Standard
|	**Na**	**23**	**-0.176**	ug/L	0.020	11	27578	25194	1	Standard
|	**Mg**	**24**	**0.166**	ug/L	0.008	4	5189	9436	1	Standard
|	**Al**	**27**	**0.028**	ug/L	0.004	15	9166	10049	0	Standard
|	**K**	**39**	**-2.739**	ug/L	0.921	33	318667	305686	0	Standard
|	**Ca**	**44**	**-0.499**	ug/L	0.119	23	8570	8185	1	Standard
|	**Fe**	**54**	**-1.910**	ug/L	0.955	49	73091	71319	1	Standard
|	**Fe**	**57**	**-4.065**	ug/L	0.276	6	19491	16783	0	Standard
⌊	**Mn**	**55**	**-0.010**	ug/L	0.001	9	1570	1216	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	97359	2	KED
|	**Zn**	**66**	**-0.049**	ug/L	0.008	16	288	235	4	KED
⌊	**Zn**	**67**	**0.018**	ug/L	0.109	594	38	37	30	KED
	Y	**89**		ug/L			719025	734525	2	Standard
	Kr	**83**		ug/L			306	300	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:29:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	33318	1	Standard
	Cl	**37**		ug/L			6981290	7079840	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1532723	0	Standard
|	**Na**	**23**	**5075.103**	ug/L	51.450	1	27578	90048915	0	Standard
|	**Mg**	**24**	**5336.828**	ug/L	47.756	0	5189	132470551	0	Standard
|	**Al**	**27**	**5066.286**	ug/L	39.593	0	9166	116217294	0	Standard
|	**K**	**39**	**4848.932**	ug/L	61.851	1	318667	38398966	1	Standard
|	**Ca**	**44**	**4991.471**	ug/L	89.544	1	8570	6155616	1	Standard
|	**Fe**	**54**	**5006.905**	ug/L	30.298	0	73091	9841428	0	Standard
|	**Fe**	**57**	**4978.629**	ug/L	78.910	1	19491	3977530	1	Standard
⌊	**Mn**	**55**	**50.040**	ug/L	0.567	1	1570	2063327	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	100358	0	KED
|	**Zn**	**66**	**50.555**	ug/L	0.267	0	288	36431	0	KED
⌊	**Zn**	**67**	**49.311**	ug/L	1.285	2	38	5869	3	KED
	Y	**89**		ug/L			719025	739984	1	Standard
	Kr	**83**		ug/L			306	323	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:35:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	31245	1	Standard
	Cl	**37**		ug/L			6981290	6926170	2	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1504928	1	Standard
|	**Na**	**23**	**-0.168**	ug/L	0.005	3	27578	24892	0	Standard
|	**Mg**	**24**	**0.020**	ug/L	0.005	24	5189	5711	1	Standard
|	**Al**	**27**	**-0.118**	ug/L	0.012	9	9166	6593	5	Standard
|	**K**	**39**	**-0.600**	ug/L	0.650	108	318667	316695	0	Standard
|	**Ca**	**44**	**-0.758**	ug/L	0.178	23	8570	7726	3	Standard
|	**Fe**	**54**	**0.132**	ug/L	0.247	187	73091	73959	1	Standard
|	**Fe**	**57**	**-1.195**	ug/L	0.459	38	19491	18720	0	Standard
⌊	**Mn**	**55**	**-0.012**	ug/L	0.001	4	1570	1102	3	Standard
⌈>	**Ge**	**72**		ug/L			104273	100176	1	KED
|	**Zn**	**66**	**-0.073**	ug/L	0.039	53	288	225	11	KED
⌊	**Zn**	**67**	**-0.052**	ug/L	0.040	75	38	30	16	KED
	Y	**89**		ug/L			719025	732057	1	Standard
	Kr	**83**		ug/L			306	277	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-01
Sample Dil Factor: 100
Comments:
Sample Date/Time: Friday, July 16, 2021 02:38:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	50745	1	Standard
	Cl	**37**		ug/L			6981290	7580615	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1572699	1	Standard
|	**Na**	**23**	**881.755**	ug/L	9.705	1	27578	16076825	0	Standard
|	**Mg**	**24**	**2372.825**	ug/L	22.226	0	5189	60433314	0	Standard
|	**Al**	**27**	**5.028**	ug/L	0.129	2	9166	127969	1	Standard
|	**K**	**39**	**176.804**	ug/L	2.971	1	318667	1760089	0	Standard
|	**Ca**	**44**	**4512.169**	ug/L	36.461	0	8570	5710913	1	Standard
|	**Fe**	**54**	**63.109**	ug/L	0.528	0	73091	203336	1	Standard
|	**Fe**	**57**	**73.526**	ug/L	2.643	3	19491	80497	1	Standard
⌊	**Mn**	**55**	**100.815**	ug/L	1.422	1	1570	4263283	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	105349	0	KED
|	**Zn**	**66**	**-0.048**	ug/L	0.029	61	288	255	8	KED
⌊	**Zn**	**67**	**0.672**	ug/L	0.079	11	38	121	7	KED
	Y	**89**		ug/L			719025	759995	0	Standard
	Kr	**83**		ug/L			306	293	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-02
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:41:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	76949	0	Standard
	Cl	**37**		ug/L			6981290	7253649	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1722254	0	Standard
|	**Na**	**23**	**18087.788**	ug/L	47.825	0	27578	360547290	0	Standard
|	**Mg**	**24**	**7679.795**	ug/L	126.039	1	5189	214180032	0	Standard
|	**Al**	**27**	**8.545**	ug/L	0.161	1	9166	230816	1	Standard
|	**K**	**39**	**3740.482**	ug/L	41.975	1	318667	33369072	1	Standard
|	**Ca**	**44**	**59567.754**	ug/L	878.221	1	8570	82430951	0	Standard
|	**Fe**	**54**	**140.285**	ug/L	1.397	0	73091	391818	0	Standard
|	**Fe**	**57**	**302.024**	ug/L	7.620	2	19491	292233	1	Standard
⌊	**Mn**	**55**	**918.284**	ug/L	15.362	1	1570	42511532	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	98091	0	KED
|	**Zn**	**66**	**1.680**	ug/L	0.142	8	288	1446	7	KED
⌊	**Zn**	**67**	**2.975**	ug/L	0.447	15	38	379	13	KED
	Y	**89**		ug/L			719025	731686	0	Standard
	Kr	**83**		ug/L			306	339	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-04
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:45:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	71810	0	Standard
	Cl	**37**		ug/L			6981290	7127618	2	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1650543	0	Standard
|	**Na**	**23**	**19089.763**	ug/L	116.028	0	27578	364673919	0	Standard
|	**Mg**	**24**	**7710.688**	ug/L	105.654	1	5189	206095806	0	Standard
|	**Al**	**27**	**13.771**	ug/L	0.191	1	9166	350284	0	Standard
|	**K**	**39**	**3838.558**	ug/L	67.220	1	318667	32806536	1	Standard
|	**Ca**	**44**	**57877.580**	ug/L	1300.641	2	8570	76761995	2	Standard
|	**Fe**	**54**	**174.862**	ug/L	0.582	0	73091	448143	0	Standard
|	**Fe**	**57**	**331.087**	ug/L	1.678	0	19491	304976	0	Standard
⌊	**Mn**	**55**	**852.044**	ug/L	14.333	1	1570	37805164	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	95835	0	KED
|	**Zn**	**66**	**1.935**	ug/L	0.086	4	288	1586	4	KED
⌊	**Zn**	**67**	**2.866**	ug/L	0.071	2	38	358	2	KED
	Y	**89**		ug/L			719025	721700	0	Standard
	Kr	**83**		ug/L			306	340	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-06
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:48:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	75907	0	Standard
	Cl	**37**		ug/L			6981290	7193771	0	Standard
>	**Sc**	**45**		ug/L			1492312	1718210	1	Standard
	Na	**23**	**17516.334**	ug/L	199.902	1	27578	348315707	0	Standard
	Mg	**24**	**7512.105**	ug/L	189.534	2	5189	208993648	1	Standard
	Al	**27**	**8.247**	ug/L	0.091	1	9166	222632	1	Standard
	K	**39**	**3596.865**	ug/L	49.222	1	318667	32023286	0	Standard
	Ca	**44**	**57714.907**	ug/L	262.523	0	8570	79688979	1	Standard
	Fe	**54**	**107.759**	ug/L	3.327	3	73091	319740	1	Standard
	Fe	**57**	**269.461**	ug/L	3.817	1	19491	262545	0	Standard
	Mn	**55**	**884.105**	ug/L	13.848	1	1570	40832995	0	Standard
>	**Ge**	**72**		ug/L			104273	97706	0	KED
	Zn	**66**	**1.651**	ug/L	0.044	2	288	1420	2	KED
	Zn	**67**	**2.717**	ug/L	0.087	3	38	348	3	KED
	Y	**89**		ug/L			719025	731938	0	Standard
	Kr	**83**		ug/L			306	328	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-08
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:51:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	77568	0	Standard
	Cl	**37**		ug/L			6981290	7193336	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1698084	1	Standard
|	**Na**	**23**	**17729.551**	ug/L	446.786	2	27578	348367159	1	Standard
|	**Mg**	**24**	**7666.924**	ug/L	85.284	1	5189	210829344	1	Standard
|	**Al**	**27**	**8.557**	ug/L	0.203	2	9166	227896	3	Standard
|	**K**	**39**	**3636.435**	ug/L	53.988	1	318667	31990921	0	Standard
|	**Ca**	**44**	**58266.447**	ug/L	1705.878	2	8570	79514236	3	Standard
|	**Fe**	**54**	**133.523**	ug/L	1.193	0	73091	371696	0	Standard
|	**Fe**	**57**	**290.372**	ug/L	1.682	0	19491	277897	1	Standard
⌊	**Mn**	**55**	**899.815**	ug/L	5.736	0	1570	41073259	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	96396	1	KED
|	**Zn**	**66**	**1.561**	ug/L	0.051	3	288	1339	1	KED
⌊	**Zn**	**67**	**2.889**	ug/L	0.467	16	38	363	13	KED
	Y	**89**		ug/L			719025	727618	1	Standard
	Kr	**83**		ug/L			306	308	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-20
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:55:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	59866	0	Standard
	Cl	37		ug/L			6981290	6853572	1	Standard
>	Sc	45		ug/L			1492312	1532536	1	Standard
	Na	23	694.787	ug/L	11.877	1	27578	12349738	0	Standard
	Mg	24	455.518	ug/L	10.136	2	5189	11308766	1	Standard
	Al	27	17.690	ug/L	0.647	3	9166	415062	2	Standard
	K	39	396.373	ug/L	8.567	2	318667	3438643	0	Standard
	Ca	44	4634.574	ug/L	107.616	2	8570	5714691	1	Standard
	Fe	54	23.516	ug/L	0.804	3	73091	120916	0	Standard
	Fe	57	25.445	ug/L	0.841	3	19491	40237	0	Standard
	Mn	55	1.667	ug/L	0.020	1	1570	70274	0	Standard
>	Ge	72		ug/L			104273	99773	0	KED
	Zn	66	4.454	ug/L	0.131	2	288	3442	1	KED
	Zn	67	4.576	ug/L	0.181	3	38	574	4	KED
	Y	89		ug/L			719025	706144	1	Standard
	Kr	83		ug/L			306	271	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0755-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:58:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	58227	1	Standard
	Cl	37		ug/L			6981290	6748037	0	Standard
>	Sc	45		ug/L			1492312	1531346	0	Standard
	Na	23	662.431	ug/L	7.100	1	27578	11767448	0	Standard
	Mg	24	437.990	ug/L	6.428	1	5189	10867105	1	Standard
	Al	27	15.128	ug/L	0.151	0	9166	356111	1	Standard
	K	39	378.497	ug/L	4.026	1	318667	3296090	0	Standard
	Ca	44	4326.192	ug/L	62.385	1	8570	5331468	1	Standard
	Fe	54	22.129	ug/L	1.078	4	73091	118126	1	Standard
	Fe	57	24.122	ug/L	0.305	1	19491	39159	1	Standard
	Mn	55	2.393	ug/L	0.066	2	1570	100108	2	Standard
>	Ge	72		ug/L			104273	95907	0	KED
	Zn	66	4.276	ug/L	0.004	0	288	3187	0	KED
	Zn	67	4.100	ug/L	0.043	1	38	498	1	KED
	Y	89		ug/L			719025	710731	1	Standard
	Kr	83		ug/L			306	291	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0755-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:02:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	62696	1	Standard
	Cl	37		ug/L			6981290	7036226	1	Standard
>	Sc	45		ug/L			1492312	1574335	0	Standard
	Na	23	5661.076	ug/L	62.503	1	27578	103175063	1	Standard
	Mg	24	5657.817	ug/L	61.371	1	5189	144249521	1	Standard
	Al	27	5087.655	ug/L	82.454	1	9166	119883488	2	Standard
	K	39	5183.507	ug/L	53.128	1	318667	42140608	1	Standard
	Ca	44	9433.413	ug/L	154.629	1	8570	11941055	1	Standard
	Fe	54	5000.696	ug/L	39.619	0	73091	10096227	0	Standard
	Fe	57	4902.153	ug/L	29.500	0	19491	4023204	0	Standard
	Mn	55	28.755	ug/L	0.190	0	1570	1218602	0	Standard
>	Ge	72		ug/L			104273	98580	1	KED
	Zn	66	81.899	ug/L	1.041	1	288	57794	0	KED
	Zn	67	79.132	ug/L	0.156	0	38	9229	1	KED
	Y	89		ug/L			719025	746334	0	Standard
	Kr	83		ug/L			306	316	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0755-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:07:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	57386	1	Standard
	Cl	37		ug/L			6981290	6968255	0	Standard
>	Sc	45		ug/L			1492312	1571922	2	Standard
	Na	23	5592.098	ug/L	148.635	2	27578	101721741	0	Standard
	Mg	24	5571.775	ug/L	111.248	1	5189	141805481	1	Standard
	Al	27	5092.895	ug/L	116.018	2	9166	119784856	1	Standard
	K	39	5201.162	ug/L	181.727	3	318667	42197603	1	Standard
	Ca	44	9367.636	ug/L	143.085	1	8570	11839637	2	Standard
	Fe	54	4972.926	ug/L	85.235	1	73091	10022866	0	Standard
	Fe	57	4907.531	ug/L	33.829	0	19491	4021116	1	Standard
	Mn	55	28.251	ug/L	0.549	1	1570	1195077	0	Standard
>	Ge	72		ug/L			104273	98857	1	KED
	Zn	66	81.667	ug/L	0.595	0	288	57799	0	KED
	Zn	67	80.034	ug/L	0.998	1	38	9359	0	KED
	Y	89		ug/L			719025	738902	1	Standard
	Kr	83		ug/L			306	292	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:14:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	41404	0	Standard
	Cl	**37**		ug/L			6981290	6884928	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1480881	2	Standard
|	**Na**	**23**	**0.092**	ug/L	0.008	8	27578	28940	1	Standard
|	**Mg**	**24**	**0.174**	ug/L	0.005	2	5189	9314	1	Standard
|	**Al**	**27**	**0.077**	ug/L	0.006	8	9166	10803	3	Standard
|	**K**	**39**	**0.392**	ug/L	0.838	213	318667	319101	0	Standard
|	**Ca**	**44**	**0.348**	ug/L	0.198	56	8570	8914	1	Standard
|	**Fe**	**54**	**-0.637**	ug/L	0.768	120	73091	71307	0	Standard
|	**Fe**	**57**	**-3.791**	ug/L	0.501	13	19491	16424	0	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.001	15	1570	1263	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	97850	3	KED
|	**Zn**	**66**	**-0.024**	ug/L	0.037	152	288	253	9	KED
⌊	**Zn**	**67**	**0.065**	ug/L	0.021	32	38	43	5	KED
	Y	**89**		ug/L			719025	712524	2	Standard
	Kr	**83**		ug/L			306	291	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:17:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34361	1	Standard
	Cl	**37**		ug/L			6981290	7121134	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1520867	0	Standard
|	**Na**	**23**	**5023.631**	ug/L	70.364	1	27578	88441252	0	Standard
|	**Mg**	**24**	**5182.850**	ug/L	135.585	2	5189	127638082	1	Standard
|	**Al**	**27**	**4986.881**	ug/L	166.848	3	9166	113491535	2	Standard
|	**K**	**39**	**4878.278**	ug/L	193.636	3	318667	38324193	3	Standard
|	**Ca**	**44**	**4939.960**	ug/L	192.499	3	8570	6044307	3	Standard
|	**Fe**	**54**	**5000.674**	ug/L	142.673	2	73091	9751903	2	Standard
|	**Fe**	**57**	**4874.543**	ug/L	152.822	3	19491	3864290	2	Standard
⌊	**Mn**	**55**	**48.889**	ug/L	2.052	4	1570	1999886	3	Standard
⌈>	**Ge**	**72**		ug/L			104273	99520	0	KED
|	**Zn**	**66**	**50.321**	ug/L	0.662	1	288	35959	1	KED
⌊	**Zn**	**67**	**51.394**	ug/L	0.793	1	38	6063	0	KED
	Y	**89**		ug/L			719025	738419	0	Standard
	Kr	**83**		ug/L			306	331	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:23:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	31122	2	Standard
	Cl	**37**		ug/L			6981290	6993113	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1498815	1	Standard
|	**Na**	**23**	**0.244**	ug/L	0.429	175	27578	31999	24	Standard
|	**Mg**	**24**	**0.289**	ug/L	0.425	146	5189	12338	85	Standard
|	**Al**	**27**	**0.178**	ug/L	0.470	264	9166	13292	81	Standard
|	**K**	**39**	**0.808**	ug/L	0.220	27	318667	326243	1	Standard
|	**Ca**	**44**	**0.032**	ug/L	0.476	1506	8570	8651	8	Standard
|	**Fe**	**54**	**-0.028**	ug/L	0.912	3227	73091	73346	1	Standard
|	**Fe**	**57**	**-2.899**	ug/L	0.672	23	19491	17327	4	Standard
⌊	**Mn**	**55**	**-0.010**	ug/L	0.003	26	1570	1187	10	Standard
⌈>	**Ge**	**72**		ug/L			104273	97512	1	KED
|	**Zn**	**66**	**-0.107**	ug/L	0.045	42	288	195	14	KED
⌊	**Zn**	**67**	**-0.012**	ug/L	0.055	453	38	34	19	KED
	Y	**89**		ug/L			719025	724737	2	Standard
	Kr	**83**		ug/L			306	298	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-05
Sample Dil Factor: 10
Comments:
Sample Date/Time: Friday, July 16, 2021 03:27:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	53229	0	Standard
	Cl	**37**		ug/L			6981290	7902335	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1551494	1	Standard
|	**Na**	**23**	**9664.803**	ug/L	63.022	0	27578	173553411	0	Standard
|	**Mg**	**24**	**7969.122**	ug/L	158.640	1	5189	200193386	0	Standard
|	**Al**	**27**	**499.235**	ug/L	16.551	3	9166	11597400	1	Standard
|	**K**	**39**	**1112.163**	ug/L	12.389	1	318667	9169730	0	Standard
|	**Ca**	**44**	**19778.507**	ug/L	514.341	2	8570	24658193	1	Standard
|	**Fe**	**54**	**802.508**	ug/L	12.132	1	73091	1660325	0	Standard
|	**Fe**	**57**	**832.178**	ug/L	11.395	1	19491	689807	0	Standard
⌊	**Mn**	**55**	**127.413**	ug/L	1.104	0	1570	5315158	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	97835	1	KED
|	**Zn**	**66**	**3.142**	ug/L	0.034	1	288	2461	0	KED
⌊	**Zn**	**67**	**5.274**	ug/L	0.073	1	38	643	0	KED
	Y	**89**		ug/L			719025	765051	1	Standard
	Kr	**83**		ug/L			306	332	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-07
Sample Dil Factor: 10
Comments:
Sample Date/Time: Friday, July 16, 2021 03:30:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	57121	1	Standard
	Cl	**37**		ug/L			6981290	7909821	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1553238	1	Standard
|	**Na**	**23**	**4570.666**	ug/L	40.629	0	27578	82189142	1	Standard
|	**Mg**	**24**	**9458.310**	ug/L	230.388	2	5189	237854422	0	Standard
|	**Al**	**27**	**0.465**	ug/L	0.027	5	9166	20336	1	Standard
|	**K**	**39**	**924.986**	ug/L	15.159	1	318667	7690394	0	Standard
|	**Ca**	**44**	**27815.008**	ug/L	121.721	0	8570	34719819	1	Standard
|	**Fe**	**54**	**38.619**	ug/L	1.560	4	73091	152385	0	Standard
|	**Fe**	**57**	**123.925**	ug/L	2.190	1	19491	120100	0	Standard
⌊	**Mn**	**55**	**96.498**	ug/L	0.734	0	1570	4030466	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	96692	1	KED
|	**Zn**	**66**	**-0.065**	ug/L	0.042	65	288	223	13	KED
⌊	**Zn**	**67**	**0.861**	ug/L	0.136	15	38	133	11	KED
	Y	**89**		ug/L			719025	722545	1	Standard
	Kr	**83**		ug/L			306	309	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-03
Sample Dil Factor: 50
Comments:
Sample Date/Time: Friday, July 16, 2021 03:33:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	51288	0	Standard
	Cl	**37**		ug/L			6981290	7272734	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1523514	0	Standard
|	**Na**	**23**	**4468.084**	ug/L	22.312	0	27578	78806644	0	Standard
|	**Mg**	**24**	**2637.657**	ug/L	46.090	1	5189	65077256	1	Standard
|	**Al**	**27**	**9.339**	ug/L	0.053	0	9166	222279	0	Standard
|	**K**	**39**	**402.714**	ug/L	4.781	1	318667	3468196	0	Standard
|	**Ca**	**44**	**4901.580**	ug/L	136.926	2	8570	6008239	2	Standard
|	**Fe**	**54**	**164.514**	ug/L	3.776	2	73091	393566	1	Standard
|	**Fe**	**57**	**174.173**	ug/L	4.003	2	19491	157511	1	Standard
⌊	**Mn**	**55**	**113.023**	ug/L	1.197	1	1570	4630211	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	99858	0	KED
|	**Zn**	**66**	**0.017**	ug/L	0.031	184	288	288	8	KED
⌊	**Zn**	**67**	**1.357**	ug/L	0.144	10	38	196	8	KED
	Y	**89**		ug/L			719025	734238	1	Standard
	Kr	**83**		ug/L			306	311	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-02
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:37:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	113211	1	Standard
	Cl	**37**		ug/L			6981290	21631860	3	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1601209	0	Standard
|	**Na**	**23**	**39534.338**	ug/L	629.039	1	27578	732581955	1	Standard
|	**Mg**	**24**	**S**	ug/L	S	S	5189	S	S	Standard
|	**Al**	**27**	**12.353**	ug/L	0.148	1	9166	305842	0	Standard
|	**K**	**39**	**7570.743**	ug/L	94.341	1	318667	62437243	0	Standard
|	**Ca**	**44**	**189225.226**	ug/L	3879.687	2	8570	243439161	1	Standard
|	**Fe**	**54**	**973.838**	ug/L	7.906	0	73091	2062786	0	Standard
|	**Fe**	**57**	**1698.866**	ug/L	1.777	0	19491	1431745	0	Standard
⌊	**Mn**	**55**	**3978.772**	ug/L	17.617	0	1570	171257180	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	86377	1	KED
|	**Zn**	**66**	**2.409**	ug/L	0.053	2	288	1722	0	KED
⌊	**Zn**	**67**	**27.059**	ug/L	0.407	1	38	2785	0	KED
	Y	**89**		ug/L			719025	676708	1	Standard
	Kr	**83**		ug/L			306	320	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:41:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	79520	1	Standard
	Cl	**37**		ug/L			6981290	11692682	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1656052	0	Standard
|	**Na**	**23**	**S**	ug/L	S	S	27578	S	S	Standard
|	**Mg**	**24**	**S**	ug/L	S	S	5189	S	S	Standard
|	**Al**	**27**	**218.669**	ug/L	2.081	0	9166	5429363	0	Standard
|	**K**	**39**	**7042.103**	ug/L	65.640	0	318667	60092870	0	Standard
|	**Ca**	**44**	**102741.846**	ug/L	423.551	0	8570	136717864	1	Standard
|	**Fe**	**54**	**969.196**	ug/L	12.094	1	73091	2123639	0	Standard
|	**Fe**	**57**	**1398.371**	ug/L	34.785	2	19491	1222569	1	Standard
⌊	**Mn**	**55**	**2137.027**	ug/L	33.360	1	1570	95130172	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	87448	2	KED
|	**Zn**	**66**	**2.841**	ug/L	0.021	0	288	2012	2	KED
⌊	**Zn**	**67**	**25.393**	ug/L	0.254	1	38	2648	1	KED
	Y	**89**		ug/L			719025	707324	0	Standard
	Kr	**83**		ug/L			306	351	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-06
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:44:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	79040	0	Standard
	Cl	**37**		ug/L			6981290	12387986	2	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1635186	0	Standard
|	**Na**	**23**	**42861.034**	ug/L	477.151	1	27578	811145865	1	Standard
|	**Mg**	**24**	**34594.953**	ug/L	582.216	1	5189	916113003	1	Standard
|	**Al**	**27**	**134.994**	ug/L	2.312	1	9166	3313706	2	Standard
|	**K**	**39**	**4956.093**	ug/L	49.231	0	318667	41864350	1	Standard
|	**Ca**	**44**	**89182.213**	ug/L	945.816	1	8570	117181735	1	Standard
|	**Fe**	**54**	**275.023**	ug/L	3.399	1	73091	652434	1	Standard
|	**Fe**	**57**	**534.861**	ug/L	5.752	1	19491	474963	1	Standard
⌊	**Mn**	**55**	**559.813**	ug/L	9.410	1	1570	24608190	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	92124	1	KED
|	**Zn**	**66**	**1.668**	ug/L	0.087	5	288	1349	3	KED
⌊	**Zn**	**67**	**9.161**	ug/L	0.509	5	38	1027	4	KED
	Y	**89**		ug/L			719025	722009	0	Standard
	Kr	**83**		ug/L			306	332	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-08
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:48:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	76679	1	Standard
	Cl	**37**		ug/L			6981290	10377017	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1666600	1	Standard
|	**Na**	**23**	**19940.688**	ug/L	288.051	1	27578	384594349	0	Standard
|	**Mg**	**24**	**38974.467**	ug/L	1214.731	3	5189	1051659413	2	Standard
|	**Al**	**27**	**1.377**	ug/L	0.036	2	9166	44567	0	Standard
|	**K**	**39**	**4064.796**	ug/L	50.563	1	318667	35055746	0	Standard
|	**Ca**	**44**	**120367.728**	ug/L	2491.074	2	8570	161161341	0	Standard
|	**Fe**	**54**	**145.021**	ug/L	4.355	3	73091	389152	1	Standard
|	**Fe**	**57**	**522.615**	ug/L	9.282	1	19491	473515	2	Standard
⌊	**Mn**	**55**	**403.895**	ug/L	4.676	1	1570	18094907	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	91194	0	KED
|	**Zn**	**66**	**0.286**	ug/L	0.021	7	288	438	3	KED
⌊	**Zn**	**67**	**4.092**	ug/L	0.341	8	38	473	7	KED
	Y	**89**		ug/L			719025	701470	1	Standard
	Kr	**83**		ug/L			306	308	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0306-DUP1
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:52:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	76067	0	Standard
	Cl	**37**		ug/L			6981290	10470650	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1696271	1	Standard
|	**Na**	**23**	**19160.171**	ug/L	78.321	0	27578	376152091	0	Standard
|	**Mg**	**24**	**S**	ug/L	S	S	5189	S	S	Standard
|	**Al**	**27**	**1.419**	ug/L	0.033	2	9166	46445	1	Standard
|	**K**	**39**	**3881.930**	ug/L	59.900	1	318667	34094072	1	Standard
|	**Ca**	**44**	**113836.815**	ug/L	1470.748	1	8570	155144717	0	Standard
|	**Fe**	**54**	**139.117**	ug/L	1.322	0	73091	383389	0	Standard
|	**Fe**	**57**	**492.733**	ug/L	5.540	1	19491	455677	2	Standard
⌊	**Mn**	**55**	**386.262**	ug/L	5.801	1	1570	17613079	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	89918	1	KED
|	**Zn**	**66**	**1.148**	ug/L	0.145	12	288	984	8	KED
⌊	**Zn**	**67**	**5.036**	ug/L	0.326	6	38	566	5	KED
	Y	**89**		ug/L			719025	715174	1	Standard
	Kr	**83**		ug/L			306	326	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0306-MS1
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:56:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	65318	0	Standard
	Cl	**37**		ug/L			6981290	9847904	2	Standard
>	**Sc**	**45**		ug/L			1492312	1608952	2	Standard
	Na	**23**	**21963.496**	ug/L	274.909	1	27578	409071497	3	Standard
	Mg	**24**	**38489.901**	ug/L	1459.096	3	5189	1002403876	2	Standard
	Al	**27**	**2254.056**	ug/L	22.925	1	9166	54291320	3	Standard
	K	**39**	**6260.141**	ug/L	59.929	0	318667	51947670	3	Standard
	Ca	**44**	**120513.093**	ug/L	1785.394	1	8570	155833855	3	Standard
	Fe	**54**	**2280.978**	ug/L	11.975	0	73091	4749713	2	Standard
	Fe	**57**	**2673.376**	ug/L	12.923	0	19491	2252028	2	Standard
	Mn	**55**	**441.779**	ug/L	3.964	0	1570	19111425	3	Standard
>	**Ge**	**72**		ug/L			104273	86030	0	KED
	Zn	**66**	**138.747**	ug/L	0.851	0	288	85290	0	KED
	Zn	**67**	**137.454**	ug/L	3.376	2	38	13965	1	KED
	Y	**89**		ug/L			719025	682058	2	Standard
	Kr	**83**		ug/L			306	309	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:03:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	41490	1	Standard
	Cl	**37**		ug/L			6981290	6684112	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1427702	1	Standard
|	**Na**	**23**	**0.787**	ug/L	0.039	4	27578	39385	1	Standard
|	**Mg**	**24**	**0.915**	ug/L	0.120	13	5189	26130	10	Standard
|	**Al**	**27**	**0.015**	ug/L	0.016	110	9166	9079	3	Standard
|	**K**	**39**	**3.712**	ug/L	0.475	12	318667	331989	0	Standard
|	**Ca**	**44**	**2.542**	ug/L	0.276	10	8570	11114	3	Standard
|	**Fe**	**54**	**0.151**	ug/L	0.485	321	73091	70193	0	Standard
|	**Fe**	**57**	**-4.543**	ug/L	0.126	2	19491	15283	1	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.003	54	1570	1689	6	Standard
⌈>	**Ge**	**72**		ug/L			104273	92672	0	KED
|	**Zn**	**66**	**-0.015**	ug/L	0.063	416	288	246	17	KED
⌊	**Zn**	**67**	**0.033**	ug/L	0.010	31	38	37	2	KED
	Y	**89**		ug/L			719025	679015	0	Standard
	Kr	**83**		ug/L			306	286	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:08:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34148	2	Standard
	Cl	**37**		ug/L			6981290	6605346	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1431124	0	Standard
|	**Na**	**23**	**5037.843**	ug/L	7.945	0	27578	83464633	0	Standard
|	**Mg**	**24**	**5048.104**	ug/L	53.393	1	5189	116994614	0	Standard
|	**Al**	**27**	**4998.476**	ug/L	26.018	0	9166	107063992	0	Standard
|	**K**	**39**	**4935.589**	ug/L	57.899	1	318667	36490513	1	Standard
|	**Ca**	**44**	**4708.387**	ug/L	61.876	1	8570	5422426	1	Standard
|	**Fe**	**54**	**4915.232**	ug/L	63.315	1	73091	9022004	1	Standard
|	**Fe**	**57**	**4817.378**	ug/L	91.248	1	19491	3594479	2	Standard
⌊	**Mn**	**55**	**49.242**	ug/L	0.145	0	1570	1895857	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	90027	0	KED
|	**Zn**	**66**	**50.452**	ug/L	1.009	2	288	32613	1	KED
⌊	**Zn**	**67**	**51.431**	ug/L	1.286	2	38	5489	2	KED
	Y	**89**		ug/L			719025	688834	1	Standard
	Kr	**83**		ug/L			306	292	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:14:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	32008	1	Standard
	Cl	**37**		ug/L			6981290	6516813	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1420794	1	Standard
|	**Na**	**23**	**0.292**	ug/L	0.083	28	27578	31080	6	Standard
|	**Mg**	**24**	**0.005**	ug/L	0.005	93	5189	5063	1	Standard
|	**Al**	**27**	**-0.175**	ug/L	0.006	3	9166	5000	0	Standard
|	**K**	**39**	**3.485**	ug/L	1.000	28	318667	328666	0	Standard
|	**Ca**	**44**	**-0.301**	ug/L	0.154	51	8570	7813	0	Standard
|	**Fe**	**54**	**0.468**	ug/L	0.528	112	73091	70425	1	Standard
|	**Fe**	**57**	**-3.744**	ug/L	0.361	9	19491	15794	0	Standard
⌊	**Mn**	**55**	**-0.008**	ug/L	0.001	7	1570	1183	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	89832	1	KED
|	**Zn**	**66**	**-0.109**	ug/L	0.012	11	288	179	3	KED
⌊	**Zn**	**67**	**0.050**	ug/L	0.033	66	38	38	10	KED
	Y	**89**		ug/L			719025	691631	0	Standard
	Kr	**83**		ug/L			306	290	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:17:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34727	1	Standard
	Cl	**37**		ug/L			6981290	6636280	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1604489	1	Standard
|	**Na**	**23**	**-0.242**	ug/L	0.033	13	27578	25157	1	Standard
|	**Mg**	**24**	**-0.045**	ug/L	0.021	46	5189	4414	10	Standard
|	**Al**	**27**	**-0.136**	ug/L	0.014	10	9166	6579	3	Standard
|	**K**	**39**	**-3.847**	ug/L	0.376	9	318667	310977	0	Standard
|	**Ca**	**44**	**0.481**	ug/L	0.345	71	8570	9835	4	Standard
|	**Fe**	**54**	**84.238**	ug/L	2.460	2	73091	250552	0	Standard
|	**Fe**	**57**	**-4.900**	ug/L	0.454	9	19491	16881	3	Standard
⌊	**Mn**	**55**	**0.013**	ug/L	0.000	2	1570	2267	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	98761	0	KED
|	**Zn**	**66**	**-0.183**	ug/L	0.014	7	288	144	6	KED
⌊	**Zn**	**67**	**-0.021**	ug/L	0.024	112	38	33	8	KED
	Y	**89**		ug/L			719025	761218	1	Standard
	Kr	**83**		ug/L			306	330	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:20:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34320	1	Standard
	Cl	**37**		ug/L			6981290	6673027	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1611476	0	Standard
|	**Na**	**23**	**-0.338**	ug/L	0.005	1	27578	23474	1	Standard
|	**Mg**	**24**	**-0.085**	ug/L	0.006	7	5189	3384	5	Standard
|	**Al**	**27**	**-0.152**	ug/L	0.011	7	9166	6227	5	Standard
|	**K**	**39**	**-4.299**	ug/L	0.355	8	318667	308606	0	Standard
|	**Ca**	**44**	**0.169**	ug/L	0.016	9	8570	9474	1	Standard
|	**Fe**	**54**	**84.668**	ug/L	0.962	1	73091	252555	0	Standard
|	**Fe**	**57**	**-5.123**	ug/L	0.359	7	19491	16763	0	Standard
⌊	**Mn**	**55**	**0.014**	ug/L	0.001	4	1570	2296	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	97230	1	KED
|	**Zn**	**66**	**-0.171**	ug/L	0.036	20	288	151	17	KED
⌊	**Zn**	**67**	**-0.116**	ug/L	0.047	40	38	22	24	KED
	Y	**89**		ug/L			719025	773310	0	Standard
	Kr	**83**		ug/L			306	303	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:24:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34468	1	Standard
	Cl	**37**		ug/L			6981290	6622665	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1617102	2	Standard
|	**Na**	**23**	**-0.411**	ug/L	0.037	9	27578	22178	1	Standard
|	**Mg**	**24**	**-0.086**	ug/L	0.008	8	5189	3356	3	Standard
|	**Al**	**27**	**-0.149**	ug/L	0.010	6	9166	6318	2	Standard
|	**K**	**39**	**-4.362**	ug/L	0.996	22	318667	309052	0	Standard
|	**Ca**	**44**	**0.144**	ug/L	0.314	217	8570	9468	2	Standard
|	**Fe**	**54**	**84.176**	ug/L	2.182	2	73091	252371	0	Standard
|	**Fe**	**57**	**-5.240**	ug/L	0.612	11	19491	16718	0	Standard
⌊	**Mn**	**55**	**0.012**	ug/L	0.000	2	1570	2205	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	97827	1	KED
|	**Zn**	**66**	**-0.166**	ug/L	0.028	16	288	155	12	KED
⌊	**Zn**	**67**	**-0.096**	ug/L	0.090	93	38	24	42	KED
	Y	**89**		ug/L			719025	770732	0	Standard
	Kr	**83**		ug/L			306	302	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:27:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	30879	1	Standard
	Cl	**37**		ug/L			6981290	6271553	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1359434	0	Standard
|	**Na**	**23**	**-0.101**	ug/L	0.031	30	27578	23531	1	Standard
|	**Mg**	**24**	**-0.052**	ug/L	0.009	16	5189	3573	5	Standard
|	**Al**	**27**	**-0.327**	ug/L	0.005	1	9166	1699	5	Standard
|	**K**	**39**	**4.473**	ug/L	0.266	5	318667	321439	0	Standard
|	**Ca**	**44**	**-1.345**	ug/L	0.228	16	8570	6337	3	Standard
|	**Fe**	**54**	**-22.428**	ug/L	0.076	0	73091	27781	0	Standard
|	**Fe**	**57**	**-4.061**	ug/L	0.341	8	19491	14892	1	Standard
⌊	**Mn**	**55**	**-0.020**	ug/L	0.000	2	1570	687	2	Standard
⌈>	**Ge**	**72**		ug/L			104273	92476	0	KED
|	**Zn**	**66**	**-0.159**	ug/L	0.010	6	288	151	4	KED
⌊	**Zn**	**67**	**-0.100**	ug/L	0.046	45	38	22	22	KED
	Y	**89**		ug/L			719025	662480	0	Standard
	Kr	**83**		ug/L			306	268	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:30:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	31024	1	Standard
	Cl	**37**		ug/L			6981290	6377246	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1368474	1	Standard
|	**Na**	**23**	**-0.159**	ug/L	0.030	18	27578	22760	0	Standard
|	**Mg**	**24**	**-0.094**	ug/L	0.005	5	5189	2673	5	Standard
|	**Al**	**27**	**-0.331**	ug/L	0.001	0	9166	1633	1	Standard
|	**K**	**39**	**4.136**	ug/L	0.652	15	318667	321177	0	Standard
|	**Ca**	**44**	**-1.639**	ug/L	0.086	5	8570	6056	1	Standard
|	**Fe**	**54**	**-22.495**	ug/L	0.289	1	73091	27845	0	Standard
|	**Fe**	**57**	**-4.397**	ug/L	0.120	2	19491	14753	1	Standard
⌊	**Mn**	**55**	**-0.022**	ug/L	0.001	3	1570	635	3	Standard
⌈>	**Ge**	**72**		ug/L			104273	92696	0	KED
|	**Zn**	**66**	**-0.155**	ug/L	0.045	29	288	154	19	KED
⌊	**Zn**	**67**	**-0.101**	ug/L	0.076	75	38	22	36	KED
	Y	**89**		ug/L			719025	671559	1	Standard
	Kr	**83**		ug/L			306	277	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:34:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	31167	1	Standard
	Cl	**37**		ug/L			6981290	6369496	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1366546	0	Standard
|	**Na**	**23**	**-0.192**	ug/L	0.018	9	27578	22214	1	Standard
|	**Mg**	**24**	**-0.103**	ug/L	0.007	6	5189	2476	6	Standard
|	**Al**	**27**	**-0.333**	ug/L	0.002	0	9166	1575	2	Standard
|	**K**	**39**	**4.150**	ug/L	0.538	12	318667	320849	0	Standard
|	**Ca**	**44**	**-1.562**	ug/L	0.120	7	8570	6133	1	Standard
|	**Fe**	**54**	**-22.423**	ug/L	0.238	1	73091	27934	1	Standard
|	**Fe**	**57**	**-4.341**	ug/L	0.322	7	19491	14771	1	Standard
⌊	**Mn**	**55**	**-0.022**	ug/L	0.001	3	1570	612	4	Standard
⌈>	**Ge**	**72**		ug/L			104273	94091	1	KED
|	**Zn**	**66**	**-0.155**	ug/L	0.022	14	288	156	8	KED
⌊	**Zn**	**67**	**-0.075**	ug/L	0.063	83	38	26	27	KED
	Y	**89**		ug/L			719025	677844	1	Standard
	Kr	**83**		ug/L			306	300	3	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EG00053	Instrument:	ICPMS1
Calibration Date:	07/16/2021 13:45		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Calcium-44, Dissolved	0	0	50	1809.84	1000	1625.247	2000	1362.073	5000	1353.642	10000	1327.613

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EG00053	Instrument:	ICPMS1
Calibration Date:	07/16/2021 13:45		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Calcium-44, Dissolved	1246.403	51.3	0.9996		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/16/21 **Analyst:** MB **Sequence:** SJQ0240 **Cal:** EQ00053

All corrections made by analyst unless otherwise noted. MB 7/16/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ - CAL1	J7147		
		- CAL2	J7148		
		- CAL3	J7149		
		- CAL4	J7150		
		- CAL5	J7119		
		- CAL6	J7151		
		- IBL1	—		
		- ICV1	J6292		
		- ICB1	J7147		
		- CCV1	J7119		
		- CCB1	J7147		
		- CRL1	J7148		
		- IFA1	J57152		
		- IFB1	J7153		
		- HCV1	J6678		
		- HCV2	J6918		
		- IBL2	—		
		- CCV2			
		- CCB2			
		21F0123-42	REN	10	Ca only
		21F0130-46		↓	Minerals, Mg, Zn only
		-44		5	↓
		-52		↓	Minerals, Mn only
		-04	↓	↓	Al, Ca, K, Mg, Mn, Na only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/16/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 7/16/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
RE1		21FΦ13Φ-Φ3RE1	REN	50	Mn only
↓		-Φ9RE1	↓	↓	↓
		-42		↓	Minerals, Mn, Zn only
		-56			Minerals, Mn only
		SEQ-IBL3			
		-CCV3			
		-CCB3			
		BJGΦ366-BLK1	REN		Fe, Zn only
		-BS1			↓
		BJGΦ367-BLK1			
		-BS1			
F→G		21GΦ163-Φ1		5	
↓		-Φ3		2	
↓		-Φ7		↓	
		-Φ5		100	
	✓	-Φ6		↓	
		SEQ-IBL4			
		-CCV4			
		-CCB4			
		21GΦ163-Φ6	REN	5	
		-Φ2		2	
		-Φ4		↓	
		-Φ8			
		21FΦ13Φ-43	↓	2	Al, Mg, Na only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/16/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		ZIFΦ13Φ-32	REN	2	Minerals only
		-41		↓	↓
		-Φ3		5	Mn↑/Al,Ca,K,Mg,Na,Fe/Mn NR
		-Φ9		↓	↓ only ↓
		SEQ-IBL5			
		-CCV5			
		-CCB5			Ge - %R+ many analytes OK
	✓	-CAL1			
		-CCV6			
		-CCB6			
		ZIFΦ13Φ-Φ8	REN		Mg, Na only
		-12			
		-23			
		-25			
		-27			
		-31			
		-37			
		-54			
		-Φ1			Al,Ca,K,Mg,Mn,Na only
		SEQ-IBL6			
		-CCV7			
		-CCB7			
		ZIFΦ13Φ-Φ2	REN		Al,Ca,K,Mg,Mn,Na only
		-Φ6			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/16/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21F0130-07	REN		Al, Ca, K, Mg, Mn, Na only
		-10			
		-11			
		-13			
		-15			
		-16			
		-18			Minerals only
		SEQ-IBL7			
		-CCV8			
		-CCB8			
		21F0130-19	REN		Minerals only
		-22			
		-24			
		-26			
		-29			
		-30			
		-33			Ca / No Ca
		-34			
		-36			
		SEQ-IBL8			
		-CCV9			
		-CCB9			
	✓	-CAL1			
		-CCVA			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/16/21 **Analyst:** MS **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MS 7/16/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCBA			
		21FΦ13Φ-38	REN		Minerals only
		-45			CaT /No Ca
		-47			
		-48			
		-49			
		-51			
		-53			
		-55			
		-57			
		SEQ-IBL9			
		-CCVB			
		-CCBB			
		BJFΦ847-BLK1	REN		
		-BS1			
		BJFΦ848-BLK1			Mn > ½RL No Mn
		-BS1			Mn ½RL
		21FΦ196-24			
		-3Φ			
		-Φ7			Al, Ca, K, Mg, Mn, Na
		21FΦ13Φ-58			Minerals only
		-59			
		SEQ-IBLA			
		-CCVC			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/16/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 7/16/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCBC			
		BJF0844-BLK1	REN		
		↓ -BS1	↓		
		21F0196-06			Al, Ca, K, Mg, Mn, Na only
		↓ -15			↓
		↓ -18			
		↓ -4043		5	MnT Al, Ca, K, Mg, Na, Zn only
		21G0165-01			Fe, Zn only
		BJG0366-DUP1			↓
		↓ -MS1	↓		
		SEQ-IBLB			
		↓ -CCV1			
		↓ -CCB1			
		21G0088-01	REN		
		↓ -03	↓		
		↓ -05			
		↓ -07	↓		
		SEQ-IBLC			
		↓ -CCVE			
		↓ -CCBE			
		Rinse/DI			
			MS 7/16/21		

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Friday, July 16, 2021 12:40:30
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11291
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8925.5	8925.454	57.324	0.6	Standard
	In	114.9	99218.2	99218.237	2299.683	2.3	Standard
	U	238.1	121935.8	121935.831	2575.050	2.1	Standard
⌈	CeO	155.9	2997.2	0.021	0.000	2.2	Standard
| >	Ce	139.9	140092.8	140092.757	2192.754	1.6	Standard
⌊	Ce++	70.0	1238.8	0.009	0.000	1.2	Standard
	Bkgd	220.0	1.0	1.000	0.354	35.4	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.95	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/16/2021 12:40:22 PM
End Time: 7/16/2021 12:55:02 PM

STD Performance Check - [Failed]
Obtained Intensity (Be 9): 8925.45
Obtained Intensity (In 115): 99218.24
Obtained Intensity (U 238): 121935.83
Obtained Intensity (Bkgd 220): 1.00 - <Target not achieved>
Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=1238.79 / 140092.76)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=2997.25 / 140092.76)

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.10 mm	-0.98 mm	126400.74

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.94
Obtained Intensity (In 115): 104409.16
Obtained Formula (CeO 156 / Ce 140): 0.0199 (=2955.31 / 148599.87)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.726)
Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.718)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.708)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.695)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.973; Intercept = -13.94

KED Mode QID - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -12.91

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/16/2021 12:40:22 PM

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 1
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 8925.45
                Obtained Intensity (In 115): 99218.24
                Obtained Intensity (U 238): 121935.83
                Obtained Intensity (Bkgd 220): 1.00 - <Target not achieved>
                Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=1238.79 / 140092.76)
                Obtained Formula (CeO 156 / Ce 140): 0.021 (=2997.25 / 140092.76)

                [Failed]
[Failed]

Torch Alignment
        Optimization Settings:
                Method: Torch Alignment.mth.
                Intensity Criterion: In 115 Maximum

        Optimization Results:
                Vertical      Horizontal      Intensity
[Passed]        2.10 mm     -0.98 mm       126400.74

Nebulizer Gas Flow STD/KED [NEB]
        Optimization Settings:
                Method: Optimize.mth.
                        Initial Try - Start/End/Step: 0.9/1/0.01.
                Intensity Criterion: In 115 Maximum
                Formula Criterion: CeO 156 / Ce 140 <= 0.023

        Optimization Results:
        Initial Try

                Obtained Intensity (In 115): 104409.16
                Obtained Formula (CeO 156 / Ce 140): 0.0199 (=2955.31 / 148599.87)
[Passed]  Optimum value(s): 0.94

Mass Calibration and Resolution
        Optimization Settings:
                Method: Tuning.mth.
                MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
                Iterations: 6
```

```
                Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
                Peak height (%) for Res. Opt.: 10

        Optimization Results:
        Initial Try
                Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.726)
                Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.718)
                Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.708)
                Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.695)
[Passed]  Optimum value(s): N/A

QID STD/DRC
        Optimization Settings:
                Method: QID Calibration.mth.
                        Initial Try - Start/End/Step: -20/0/0.5.

        Optimization Results:
        Initial Try

  Optimum value(s): Correlation Coefficient = 0.973; Intercept = -13.94

        Analyte      Mass    Points       DAC   MaxIntensity

             Li         7        41     -13.5        29975.4
             Mg        24        41       -13        48357.7
             In       115        41     -10.5         106040
             Ce       140        41       -11         148504
             Pb       208        41       -10        73979.1
              U       238        41       -10         128754

KED Mode QID
        Optimization Settings:
                Method: QID Calibration.mth.
                        Initial Try - Start/End/Step: -20/0/0.5.

        Optimization Results:
        Initial Try

  Optimum value(s): Correlation Coefficient = 1.000; Intercept = -12.91

        Analyte      Mass    Points       DAC   MaxIntensity

             Li         7        41       -13        20286.4
             Mg        24        41       -13        47446.7
             In       115        41     -10.5         105988
             Ce       140        41       -10        99368.4
             Pb       208        41      -9.5        41255.5
              U       238        41      -9.5        82911.9

End Time: 7/16/2021 12:55:02 PM
```

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Friday, July 16, 2021 12:57:29
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11298
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8624.3	8624.269	84.775	1.0	Standard
	In	114.9	97905.1	97905.110	1094.841	1.1	Standard
	U	238.1	128081.8	128081.832	863.067	0.7	Standard
⌈	CeO	155.9	2792.0	0.020	0.000	1.3	Standard
| >	Ce	139.9	142212.5	142212.489	539.923	0.4	Standard
⌊	Ce++	70.0	1072.7	0.008	0.000	1.6	Standard
	Bkgd	220.0	0.7	0.700	0.570	81.4	Standard

Current Conditions File Data

Current Value	Description
0.94	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/16/2021 12:55:38 PM
End Time: 7/16/2021 12:59:33 PM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -12.92

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 8624.27
Obtained Intensity (In 115): 97905.11
Obtained Intensity (U 238): 128081.83
Obtained Intensity (Bkgd 220): 0.70
Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1072.71 / 142212.49)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2792.01 / 142212.49)
Obtained RSD (Be 9): 0.0098
Obtained RSD (In 115): 0.0112
Obtained RSD (U 238): 0.0067

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/16/2021 12:55:38 PM

QID STD/DRC

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -12.92

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13	29418.3
Mg	24	41	-13	42988.6
In	115	41	-11	109135
Ce	140	41	-10.5	144245
Pb	208	41	-10	72242.2
U	238	41	-10	132104

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.

Intensity Criterion: Be 9 > 2000

Intensity Criterion: In 115 > 40000

Intensity Criterion: U 238 > 30000

Intensity Criterion: Bkgd 220 <= 5

Formula Criterion: Ce++ 70 / Ce 140 <= 0.03

Formula Criterion: CeO 156 / Ce 140 <= 0.025

RSD Criterion: Be 9.0122 < 0.05

RSD Criterion: In 114.904 < 0.05

RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 8624.27

Obtained Intensity (In 115): 97905.11

Obtained Intensity (U 238): 128081.83

Obtained Intensity (Bkgd 220): 0.70

Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1072.71 / 142212.49)

Obtained Formula (CeO 156 / Ce 140): 0.020 (=2792.01 / 142212.49)

Obtained RSD (Be 9): 0.0098

Obtained RSD (In 115): 0.0112

Obtained RSD (U 238): 0.0067

[Passed] Optimum value(s): N/A

End Time: 7/16/2021 12:59:33 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Friday, July 16, 2021 12:59:56
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11299
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	10136.3	10136.328	83.783	0.8	Standard
	In	114.9	120361.7	120361.662	1696.301	1.4	Standard
	U	238.1	148787.3	148787.269	1543.306	1.0	Standard
⌈	CeO	155.9	3737.4	0.023	0.000	1.7	Standard
| >	Ce	139.9	159973.9	159973.923	1586.350	1.0	Standard
⌊	Ce++	70.0	1487.9	0.009	0.000	2.5	Standard
	Bkgd	220.0	0.6	0.600	0.346	57.6	Standard

Current Conditions File Data

Current Value	Description	
0.95	Nebulizer Gas Flow STD/KED [NEB]	NEB FLOW MANUALLY RAISED. -MB 7/16/21
1.25	Auxiliary Gas Flow	
17.50	Plasma Gas Flow	
-10.75	Deflector Voltage	
1600.00	ICP RF Power	
-1862.00	Analog Stage Voltage	
1550.00	Pulse Stage Voltage	
0.00	Quadrupole Rod Offset STD [QRO]	
-17.00	Cell Rod Offset STD [CRO]	
14.00	Discriminator Threshold	
-2.00	Cell Entrance/Exit Voltage STD	
0.00	RPa	
0.45	RPq	
0.94	DRC Mode NEB	
-7.50	DRC Mode QRO	
-2.00	DRC Mode CRO	
-5.00	DRC Mode Cell Entrance/Exit Voltage	
1.00	Cell Gas A	
0.00	Cell Gas B	
200.00	Axial Field Voltage	
-11.00	KED Mode CRO	
-12.00	KED Mode QRO	
-11.00	KED Mode Cell Entrance Voltage	
-33.00	KED Mode Cell Exit Voltage	
0.00	KED Cell Gas A	
3.00	KED Cell Gas B	
0.00	KED RPa	
0.25	KED RPq	
125.00	KED Mode Axial Field Voltage	

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/16/2021 12:59:55 PM
End Time: 7/16/2021 1:02:00 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 10136.33
Obtained Intensity (In 115): 120361.66
Obtained Intensity (U 238): 148787.27
Obtained Intensity (Bkgd 220): 0.60
Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=1487.88 / 159973.92)
Obtained Formula (CeO 156 / Ce 140): 0.023 (=3737.36 / 159973.92)
Obtained RSD (Be 9): 0.0083
Obtained RSD (In 115): 0.0141
Obtained RSD (U 238): 0.0104

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/16/2021 12:59:55 PM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 10136.33
		Obtained Intensity (In 115): 120361.66
		Obtained Intensity (U 238): 148787.27
		Obtained Intensity (Bkgd 220): 0.60
		Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=1487.88 / 159973.92)
		Obtained Formula (CeO 156 / Ce 140): 0.023 (=3737.36 / 159973.92)
		Obtained RSD (Be 9): 0.0083
		Obtained RSD (In 115): 0.0141
		Obtained RSD (U 238): 0.0104

[Passed] Optimum value(s): N/A

End Time: 7/16/2021 1:02:00 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 13:45:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				30691	0	Standard
	Cl	**37**		ug/L				6611198	0	Standard
>	**Sc**	**45**		ug/L				1636791	0	Standard
	Na	**23**		ug/L				34287	2	Standard
	Mg	**24**		ug/L				7272	2	Standard
	Al	**27**		ug/L				14181	1	Standard
	K	**39**		ug/L				308325	0	Standard
	Ca	**44**		ug/L				18113	0	Standard
	Fe	**54**		ug/L				81841	0	Standard
	Fe	**57**		ug/L				19200	1	Standard
	Mn	**55**		ug/L				2007	2	Standard
>	**Ge**	**72**		ug/L				102982	2	KED
	Zn	**66**		ug/L				686	6	KED
	Zn	**67**		ug/L				107	15	KED
	Y	**89**		ug/L				822092	1	Standard
	Kr	**83**		ug/L				337	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 13:48:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	36021	1	Standard
	Cl	**37**		ug/L			6611198	6611132	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1669260	0	Standard
|	**Na**	**23**	**100.000**	ug/L	0.528	0	34287	1834252	0	Standard
|	**Mg**	**24**	**20.000**	ug/L	0.109	0	7272	678181	0	Standard
|	**Al**	**27**	**20.000**	ug/L	0.138	0	14181	573947	0	Standard
|	**K**	**39**	**20.000**	ug/L	0.303	1	308325	489096	0	Standard
|	**Ca**	**44**	**50.000**	ug/L	0.171	0	18113	90492	0	Standard
|	**Fe**	**54**	**36.000**	ug/L	1.188	3	81841	173679	0	Standard
|	**Fe**	**57**	**36.000**	ug/L	1.268	3	19200	54975	1	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.008	1	2007	26650	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	111074	1	KED
|	**Zn**	**66**	**6.000**	ug/L	0.289	4	686	5129	2	KED
⌊	**Zn**	**67**	**6.000**	ug/L	0.329	5	107	798	5	KED
	Y	**89**		ug/L			822092	829635	2	Standard
	Kr	**83**		ug/L			337	346	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 13:52:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	54361	0	Standard
	Cl	**37**		ug/L			6611198	6878008	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1679335	1	Standard
|	**Na**	**23**	**1000.207**	ug/L	13.718	1	34287	18524747	1	Standard
|	**Mg**	**24**	**999.937**	ug/L	20.916	2	7272	29144332	1	Standard
|	**Al**	**27**	**999.961**	ug/L	12.888	1	14181	25630094	0	Standard
|	**K**	**39**	**999.960**	ug/L	7.243	0	308325	8311434	0	Standard
|	**Ca**	**44**	**1000.245**	ug/L	33.777	3	18113	1625247	2	Standard
|	**Fe**	**54**	**999.855**	ug/L	14.778	1	81841	2351010	0	Standard
|	**Fe**	**57**	**1000.032**	ug/L	21.244	2	19200	1034092	0	Standard
⌊	**Mn**	**55**	**10.002**	ug/L	0.141	1	2007	529584	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	111395	0	KED
|	**Zn**	**66**	**10.210**	ug/L	0.348	3	686	8701	3	KED
⌊	**Zn**	**67**	**10.319**	ug/L	0.435	4	107	1407	3	KED
	Y	**89**		ug/L			822092	844790	1	Standard
	Kr	**83**		ug/L			337	354	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 13:55:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	52717	0	Standard
	Cl	**37**		ug/L			6611198	6930572	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1671617	0	Standard
|	**Na**	**23**	**1999.643**	ug/L	24.012	1	34287	36803304	1	Standard
|	**Mg**	**24**	**1996.861**	ug/L	18.662	0	7272	57573326	0	Standard
|	**Al**	**27**	**1988.629**	ug/L	51.444	2	14181	49601016	2	Standard
|	**K**	**39**	**2008.566**	ug/L	22.161	1	308325	16579809	1	Standard
|	**Ca**	**44**	**1929.541**	ug/L	19.924	1	18113	2724147	1	Standard
|	**Fe**	**54**	**1991.428**	ug/L	25.303	1	81841	4503066	1	Standard
|	**Fe**	**57**	**1969.906**	ug/L	73.039	3	19200	1896216	3	Standard
⌊	**Mn**	**55**	**20.007**	ug/L	0.315	1	2007	1053991	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	109873	3	KED
|	**Zn**	**66**	**20.667**	ug/L	0.665	3	686	18357	5	KED
⌊	**Zn**	**67**	**20.870**	ug/L	0.456	2	107	3068	4	KED
	Y	**89**		ug/L			822092	836784	1	Standard
	Kr	**83**		ug/L			337	349	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 13:59:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	38502	1	Standard
	Cl	**37**		ug/L			6611198	6896593	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1651985	2	Standard
|	**Na**	**23**	**4995.138**	ug/L	96.021	1	34287	90337336	0	Standard
|	**Mg**	**24**	**4994.799**	ug/L	37.480	0	7272	141553585	1	Standard
|	**Al**	**27**	**5000.356**	ug/L	65.150	1	14181	123260625	2	Standard
|	**K**	**39**	**5006.482**	ug/L	93.734	1	308325	40630613	2	Standard
|	**Ca**	**44**	**4978.092**	ug/L	52.945	1	18113	6768211	2	Standard
|	**Fe**	**54**	**4991.453**	ug/L	192.553	3	81841	10930193	1	Standard
|	**Fe**	**57**	**4946.250**	ug/L	50.997	1	19200	4437707	1	Standard
⌊	**Mn**	**55**	**48.763**	ug/L	1.168	2	2007	2256310	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	108211	1	KED
|	**Zn**	**66**	**49.501**	ug/L	0.910	1	686	40424	0	KED
⌊	**Zn**	**67**	**49.438**	ug/L	1.369	2	107	6658	1	KED
	Y	**89**		ug/L			822092	831512	1	Standard
	Kr	**83**		ug/L			337	383	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:04:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	47415	1	Standard
	Cl	**37**		ug/L			6611198	6841222	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1635876	1	Standard
|	**Na**	**23**	**10039.340**	ug/L	239.975	2	34287	182174564	1	Standard
|	**Mg**	**24**	**9974.579**	ug/L	183.598	1	7272	277571120	1	Standard
|	**Al**	**27**	**10046.151**	ug/L	81.861	0	14181	249074574	1	Standard
|	**K**	**39**	**10016.165**	ug/L	11.408	0	308325	80633594	1	Standard
|	**Ca**	**44**	**9970.850**	ug/L	383.986	3	18113	13276126	3	Standard
|	**Fe**	**54**	**9972.133**	ug/L	205.007	2	81841	21354685	0	Standard
|	**Fe**	**57**	**9942.831**	ug/L	127.735	1	19200	8650370	0	Standard
⌊	**Mn**	**55**	**99.075**	ug/L	0.851	0	2007	4402849	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	102437	2	KED
|	**Zn**	**66**	**100.086**	ug/L	1.476	1	686	76922	3	KED
⌊	**Zn**	**67**	**99.923**	ug/L	0.555	0	107	12600	1	KED
	Y	**89**		ug/L			822092	822099	0	Standard
	Kr	**83**		ug/L			337	376	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:10:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	30806	1	Standard
	Cl	**37**		ug/L			6611198	6640155	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1612785	1	Standard
|	**Na**	**23**	**0.057**	ug/L	0.020	34	34287	34800	1	Standard
|	**Mg**	**24**	**0.058**	ug/L	0.007	12	7272	8750	1	Standard
|	**Al**	**27**	**0.100**	ug/L	0.007	6	14181	16426	1	Standard
|	**K**	**39**	**1.293**	ug/L	0.200	15	308325	314015	0	Standard
|	**Ca**	**44**	**-0.081**	ug/L	0.066	81	18113	17742	1	Standard
|	**Fe**	**54**	**1.376**	ug/L	0.624	45	81841	83526	0	Standard
|	**Fe**	**57**	**2.493**	ug/L	0.659	26	19200	21049	1	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.001	24	2007	1772	3	Standard
⌈>	**Ge**	**72**		ug/L			102982	107211	1	KED
|	**Zn**	**66**	**0.257**	ug/L	0.080	31	686	918	5	KED
⌊	**Zn**	**67**	**0.314**	ug/L	0.187	59	107	153	16	KED
	Y	**89**		ug/L			822092	805645	0	Standard
	Kr	**83**		ug/L			337	317	7	Standard

Sample Information

Sample Date/Time: Friday, July 16, 2021 14:04:51
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Na	23	**1.0000**	0.011	100.00	1000	2000	5000	10000
Mg	24	**1.0000**	0.017	20.00	1000	2000	5000	10000
Al	27	**1.0000**	0.015	20.00	1000	2000	5000	10000
K	39	**1.0000**	0.005	20.00	1000	2000	5000	10000
Ca	44	**0.9999**	0.001	50.00	1000	2000	5000	10000
Fe	54	**1.0000**	0.001	36.00	1000	2000	5000	10000
Fe	57	**0.9999**	0.001	36.00	1000	2000	5000	10000
Mn	55	**0.9995**	0.027	0.50	10	20	50	100
Ge	72							
Zn	66	**0.9999**	0.007	6.00	10	20	50	100
Zn	67	**0.9998**	0.001	6.00	10	20	50	100
Y	89							
Kr	83							

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:16:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	38069	1	Standard
	Cl	**37**		ug/L			6611198	6725591	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1614476	3	Standard
|	**Na**	**23**	**4838.720**	ug/L	68.705	1	34287	86662346	1	Standard
|	**Mg**	**24**	**5026.149**	ug/L	137.607	2	7272	137978202	0	Standard
|	**Al**	**27**	**4899.828**	ug/L	139.293	2	14181	119835149	1	Standard
|	**K**	**39**	**4891.880**	ug/L	136.732	2	308325	38999853	0	Standard
|	**Ca**	**44**	**4994.858**	ug/L	102.191	2	18113	6571912	2	Standard
|	**Fe**	**54**	**5010.632**	ug/L	108.609	2	81841	10627320	1	Standard
|	**Fe**	**57**	**4968.984**	ug/L	165.101	3	19200	4273546	0	Standard
⌊	**Mn**	**55**	**50.424**	ug/L	1.095	2	2007	2211651	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	105311	1	KED
|	**Zn**	**66**	**47.727**	ug/L	0.436	0	686	38067	0	KED
⌊	**Zn**	**67**	**48.557**	ug/L	0.473	0	107	6352	2	KED
	Y	**89**		ug/L			822092	816754	2	Standard
	Kr	**83**		ug/L			337	361	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:23:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	30136	2	Standard
	Cl	**37**		ug/L			6611198	6661284	2	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1619231	0	Standard
|	**Na**	**23**	**0.375**	ug/L	0.392	104	34287	40662	17	Standard
|	**Mg**	**24**	**0.422**	ug/L	0.396	93	7272	18837	58	Standard
|	**Al**	**27**	**0.468**	ug/L	0.408	87	14181	25543	39	Standard
|	**K**	**39**	**1.039**	ug/L	0.142	13	308325	313263	0	Standard
|	**Ca**	**44**	**-0.657**	ug/L	0.440	66	18113	17055	3	Standard
|	**Fe**	**54**	**1.297**	ug/L	1.198	92	81841	83707	3	Standard
|	**Fe**	**57**	**3.077**	ug/L	0.371	12	19200	21638	1	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.003	85	2007	1841	7	Standard
⌈>	**Ge**	**72**		ug/L			102982	106628	1	KED
|	**Zn**	**66**	**-0.157**	ug/L	0.057	36	686	586	6	KED
⌊	**Zn**	**67**	**-0.166**	ug/L	0.097	58	107	90	14	KED
	Y	**89**		ug/L			822092	806457	1	Standard
	Kr	**83**		ug/L			337	349	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:26:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	36734	1	Standard
	Cl	**37**		ug/L			6611198	6818288	2	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1637340	0	Standard
|	**Na**	**23**	**4997.486**	ug/L	21.821	0	34287	90795769	0	Standard
|	**Mg**	**24**	**4977.794**	ug/L	31.976	0	7272	138662873	0	Standard
|	**Al**	**27**	**4879.947**	ug/L	23.386	0	14181	121103260	0	Standard
|	**K**	**39**	**4975.758**	ug/L	83.189	1	308325	40248953	1	Standard
|	**Ca**	**44**	**4969.959**	ug/L	81.474	1	18113	6633661	1	Standard
|	**Fe**	**54**	**5041.198**	ug/L	75.835	1	81841	10846905	1	Standard
|	**Fe**	**57**	**4954.005**	ug/L	59.107	1	19200	4324036	1	Standard
⌊	**Mn**	**55**	**50.476**	ug/L	0.703	1	2007	2246259	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	106814	0	KED
|	**Zn**	**66**	**50.093**	ug/L	0.232	0	686	40492	0	KED
⌊	**Zn**	**67**	**49.186**	ug/L	0.364	0	107	6524	0	KED
	Y	**89**		ug/L			822092	818107	0	Standard
	Kr	**83**		ug/L			337	376	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:32:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	30527	2	Standard
	Cl	**37**		ug/L			6611198	6533394	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1627239	0	Standard
|	**Na**	**23**	**0.072**	ug/L	0.214	297	34287	35373	10	Standard
|	**Mg**	**24**	**0.132**	ug/L	0.187	140	7272	10881	46	Standard
|	**Al**	**27**	**0.181**	ug/L	0.182	100	14181	18537	23	Standard
|	**K**	**39**	**0.394**	ug/L	0.336	85	308325	309660	0	Standard
|	**Ca**	**44**	**-1.431**	ug/L	0.354	24	18113	16112	2	Standard
|	**Fe**	**54**	**0.693**	ug/L	0.440	63	81841	82831	0	Standard
|	**Fe**	**57**	**2.162**	ug/L	0.395	18	19200	20954	1	Standard
⌊	**Mn**	**55**	**-0.006**	ug/L	0.002	36	2007	1711	5	Standard
⌈>	**Ge**	**72**		ug/L			102982	106012	1	KED
|	**Zn**	**66**	**-0.146**	ug/L	0.034	22	686	591	4	KED
⌊	**Zn**	**67**	**-0.186**	ug/L	0.041	21	107	86	5	KED
	Y	**89**		ug/L			822092	806767	1	Standard
	Kr	**83**		ug/L			337	313	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:35:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	36290	1	Standard
	Cl	**37**		ug/L			6611198	6608008	1	Standard
>	**Sc**	**45**		ug/L			1636791	1630423	0	Standard
	Na	**23**	**97.924**	ug/L	1.380	1	34287	1804956	0	Standard
	Mg	**24**	**23.589**	ug/L	0.208	0	7272	661557	1	Standard
	Al	**27**	**22.845**	ug/L	0.220	0	14181	578596	0	Standard
	K	**39**	**22.272**	ug/L	0.665	2	308325	485123	0	Standard
	Ca	**44**	**52.045**	ug/L	0.816	1	18113	87026	1	Standard
	Fe	**54**	**42.467**	ug/L	1.085	2	81841	171816	0	Standard
	Fe	**57**	**42.336**	ug/L	1.474	3	19200	55751	1	Standard
	Mn	**55**	**0.539**	ug/L	0.007	1	2007	25885	1	Standard
>	**Ge**	**72**		ug/L			102982	108489	1	KED
	Zn	**66**	**5.483**	ug/L	0.033	0	686	5145	1	KED
	Zn	**67**	**4.713**	ug/L	0.141	2	107	737	2	KED
	Y	**89**		ug/L			822092	821679	2	Standard
	Kr	**83**		ug/L			337	339	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:39:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	189290	1	Standard
	Cl	**37**		ug/L			6611198	13128974	2	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1566715	1	Standard
|	**Na**	**23**	**19412.040**	ug/L	416.674	2	34287	337301589	0	Standard
|	**Mg**	**24**	**20222.322**	ug/L	446.651	2	7272	538873479	0	Standard
|	**Al**	**27**	**19208.230**	ug/L	277.229	1	14181	456033935	1	Standard
|	**K**	**39**	**19241.816**	ug/L	286.903	1	308325	148061457	0	Standard
|	**Ca**	**44**	**20183.085**	ug/L	358.317	1	18113	25719656	0	Standard
|	**Fe**	**54**	**19657.458**	ug/L	645.932	3	81841	40231643	1	Standard
|	**Fe**	**57**	**19753.645**	ug/L	254.497	1	19200	16440515	0	Standard
⌊	**Mn**	**55**	**0.048**	ug/L	0.002	3	2007	3943	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	102215	1	KED
|	**Zn**	**66**	**-0.477**	ug/L	0.021	4	686	318	6	KED
⌊	**Zn**	**67**	**-0.461**	ug/L	0.055	11	107	49	13	KED
	Y	**89**		ug/L			822092	772641	1	Standard
	Kr	**83**		ug/L			337	466	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:42:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	186223	0	Standard
	Cl	**37**		ug/L			6611198	13067066	2	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1543860	0	Standard
|	**Na**	**23**	**19206.029**	ug/L	194.220	1	34287	328917036	0	Standard
|	**Mg**	**24**	**20045.236**	ug/L	413.741	2	7272	526447191	1	Standard
|	**Al**	**27**	**18954.617**	ug/L	276.669	1	14181	443473962	0	Standard
|	**K**	**39**	**18970.667**	ug/L	322.877	1	308325	143866687	1	Standard
|	**Ca**	**44**	**20291.979**	ug/L	559.468	2	18113	25482987	2	Standard
|	**Fe**	**54**	**19642.048**	ug/L	254.586	1	81841	39626360	1	Standard
|	**Fe**	**57**	**19844.303**	ug/L	102.027	0	19200	16276915	0	Standard
⌊	**Mn**	**55**	**22.822**	ug/L	0.264	1	2007	958629	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	103352	1	KED
|	**Zn**	**66**	**21.373**	ug/L	0.267	1	686	17111	2	KED
⌊	**Zn**	**67**	**20.114**	ug/L	0.583	2	107	2645	2	KED
	Y	**89**		ug/L			822092	760509	1	Standard
	Kr	**83**		ug/L			337	443	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:46:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	48061	1	Standard
	Cl	**37**		ug/L			6611198	6669099	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1544362	0	Standard
|	**Na**	**23**	**19334.700**	ug/L	274.945	1	34287	331239102	1	Standard
|	**Mg**	**24**	**19807.216**	ug/L	191.068	0	7272	520394202	0	Standard
|	**Al**	**27**	**19451.682**	ug/L	231.182	1	14181	455266080	0	Standard
|	**K**	**39**	**19241.839**	ug/L	267.065	1	308325	145969100	1	Standard
|	**Ca**	**44**	**19978.169**	ug/L	215.834	1	18113	25099846	1	Standard
|	**Fe**	**54**	**19485.030**	ug/L	263.531	1	81841	39323721	1	Standard
|	**Fe**	**57**	**19771.133**	ug/L	87.035	0	19200	16222490	0	Standard
⌊	**Mn**	**55**	**194.556**	ug/L	0.676	0	2007	8160833	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	101131	1	KED
|	**Zn**	**66**	**193.382**	ug/L	3.105	1	686	146056	0	KED
⌊	**Zn**	**67**	**191.497**	ug/L	1.515	0	107	23743	0	KED
	Y	**89**		ug/L			822092	763204	1	Standard
	Kr	**83**		ug/L			337	433	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:49:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	49318	0	Standard
	Cl	**37**		ug/L			6611198	6341778	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1495006	0	Standard
|	**Na**	**23**	**28977.547**	ug/L	664.760	2	34287	480537114	1	Standard
|	**Mg**	**24**	**28723.525**	ug/L	529.313	1	7272	730510931	1	Standard
|	**Al**	**27**	**28817.406**	ug/L	520.597	1	14181	652891624	1	Standard
|	**K**	**39**	**29506.375**	ug/L	438.984	1	308325	216526763	1	Standard
|	**Ca**	**44**	**29498.479**	ug/L	433.510	1	18113	35867224	1	Standard
|	**Fe**	**54**	**28575.990**	ug/L	387.399	1	81841	55794797	1	Standard
|	**Fe**	**57**	**28819.261**	ug/L	222.746	0	19200	22882658	0	Standard
⌊	**Mn**	**55**	**282.752**	ug/L	5.142	1	2007	11479938	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	95779	1	KED
|	**Zn**	**66**	**279.315**	ug/L	5.421	1	686	199491	0	KED
⌊	**Zn**	**67**	**277.881**	ug/L	5.604	2	107	32579	0	KED
	Y	**89**		ug/L			822092	736829	0	Standard
	Kr	**83**		ug/L			337	517	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 14:55:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	37461	0	Standard
	Cl	**37**		ug/L			6611198	6462378	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1598591	1	Standard
|	**Na**	**23**	**1.172**	ug/L	0.038	3	34287	54261	0	Standard
|	**Mg**	**24**	**0.337**	ug/L	0.028	8	7272	16277	5	Standard
|	**Al**	**27**	**1.075**	ug/L	0.017	1	14181	39900	0	Standard
|	**K**	**39**	**0.833**	ug/L	0.607	72	308325	307612	0	Standard
|	**Ca**	**44**	**0.342**	ug/L	0.587	171	18113	18131	3	Standard
|	**Fe**	**54**	**1.636**	ug/L	0.313	19	81841	83335	0	Standard
|	**Fe**	**57**	**1.953**	ug/L	0.438	22	19200	20406	0	Standard
⌊	**Mn**	**55**	**-0.015**	ug/L	0.000	2	2007	1322	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	101210	0	KED
|	**Zn**	**66**	**-0.271**	ug/L	0.073	26	686	470	10	KED
⌊	**Zn**	**67**	**-0.232**	ug/L	0.026	11	107	77	3	KED
	Y	**89**		ug/L			822092	777353	0	Standard
	Kr	**83**		ug/L			337	317	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 15:00:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	37743	1	Standard
	Cl	**37**		ug/L			6611198	6722862	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1620894	0	Standard
|	**Na**	**23**	**4842.175**	ug/L	32.966	0	34287	87091963	0	Standard
|	**Mg**	**24**	**4963.246**	ug/L	61.441	1	7272	136864700	0	Standard
|	**Al**	**27**	**4928.030**	ug/L	58.254	1	14181	121065765	0	Standard
|	**K**	**39**	**4868.453**	ug/L	56.937	1	308325	38991310	1	Standard
|	**Ca**	**44**	**4952.858**	ug/L	84.266	1	18113	6544173	1	Standard
|	**Fe**	**54**	**4911.204**	ug/L	34.862	0	81841	10463385	0	Standard
|	**Fe**	**57**	**4857.084**	ug/L	66.241	1	19200	4197003	1	Standard
⌊	**Mn**	**55**	**49.909**	ug/L	0.272	0	2007	2198673	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	104198	1	KED
|	**Zn**	**66**	**49.436**	ug/L	0.715	1	686	38987	0	KED
⌊	**Zn**	**67**	**51.332**	ug/L	0.309	0	107	6637	1	KED
	Y	**89**		ug/L			822092	793813	1	Standard
	Kr	**83**		ug/L			337	346	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 15:06:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	30944	1	Standard
	Cl	**37**		ug/L			6611198	6383639	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1574841	1	Standard
|	**Na**	**23**	**0.575**	ug/L	0.038	6	34287	43024	0	Standard
|	**Mg**	**24**	**0.068**	ug/L	0.002	3	7272	8824	1	Standard
|	**Al**	**27**	**0.123**	ug/L	0.028	22	14181	16577	3	Standard
|	**K**	**39**	**0.880**	ug/L	0.703	79	308325	303408	0	Standard
|	**Ca**	**44**	**-1.101**	ug/L	0.140	12	18113	16017	0	Standard
|	**Fe**	**54**	**1.180**	ug/L	0.695	58	81841	81164	1	Standard
|	**Fe**	**57**	**2.443**	ug/L	0.982	40	19200	20514	3	Standard
⌊	**Mn**	**55**	**-0.008**	ug/L	0.001	13	2007	1593	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	104736	0	KED
|	**Zn**	**66**	**-0.185**	ug/L	0.019	10	686	553	2	KED
⌊	**Zn**	**67**	**-0.143**	ug/L	0.092	64	107	91	12	KED
	Y	**89**		ug/L			822092	768721	2	Standard
	Kr	**83**		ug/L			337	330	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-42
Sample Dil Factor: 10
Comments:
Sample Date/Time: Friday, July 16, 2021 15:16:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	37590	1	Standard
	Cl	**37**		ug/L			6611198	6209407	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1556779	0	Standard
|	**Na**	**23**	**489.345**	ug/L	6.497	1	34287	8482604	1	Standard
|	**Mg**	**24**	**1028.579**	ug/L	15.355	1	7272	27248372	1	Standard
|	**Al**	**27**	**0.919**	ug/L	0.023	2	14181	35172	2	Standard
|	**K**	**39**	**424.889**	ug/L	5.523	1	308325	3536085	1	Standard
|	**Ca**	**44**	**6731.369**	ug/L	161.389	2	18113	8535595	1	Standard
|	**Fe**	**54**	**2.068**	ug/L	0.849	41	81841	82031	1	Standard
|	**Fe**	**57**	**17.198**	ug/L	0.284	1	19200	32470	0	Standard
⌊	**Mn**	**55**	**2.566**	ug/L	0.017	0	2007	110361	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	98562	0	KED
|	**Zn**	**66**	**-0.533**	ug/L	0.012	2	686	266	2	KED
⌊	**Zn**	**67**	**-0.336**	ug/L	0.097	28	107	62	18	KED
	Y	**89**		ug/L			822092	765235	1	Standard
	Kr	**83**		ug/L			337	334	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-46
Sample Dil Factor: 10
Comments:
Sample Date/Time: Friday, July 16, 2021 15:19:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	36112	0	Standard
	Cl	**37**		ug/L			6611198	6050505	2	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1542034	1	Standard
|	**Na**	**23**	**445.362**	ug/L	7.707	1	34287	7649082	1	Standard
|	**Mg**	**24**	**1066.729**	ug/L	21.280	1	7272	27986466	0	Standard
|	**Al**	**27**	**481.442**	ug/L	4.221	0	14181	11263665	0	Standard
|	**K**	**39**	**805.735**	ug/L	20.925	2	308325	6380379	1	Standard
|	**Ca**	**44**	**7241.838**	ug/L	63.932	0	18113	9095276	1	Standard
|	**Fe**	**54**	**1796.331**	ug/L	34.166	1	81841	3689261	0	Standard
|	**Fe**	**57**	**2009.561**	ug/L	43.500	2	19200	1662373	1	Standard
⌊	**Mn**	**55**	**137.145**	ug/L	2.974	2	2007	5743831	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	101563	0	KED
|	**Zn**	**66**	**37.344**	ug/L	0.720	1	686	28875	2	KED
⌊	**Zn**	**67**	**34.462**	ug/L	0.836	2	107	4378	1	KED
	Y	**89**		ug/L			822092	795388	1	Standard
	Kr	**83**		ug/L			337	344	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-44
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 15:22:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30691	38851	0	Standard
	Cl	37		ug/L			6611198	6125646	1	Standard
>	Sc	45		ug/L			1636791	1578232	1	Standard
	Na	23	387.881	ug/L	7.893	2	34287	6821769	0	Standard
	Mg	24	505.671	ug/L	5.334	1	7272	13582534	1	Standard
	Al	27	1345.360	ug/L	24.668	1	14181	32186209	0	Standard
	K	39	383.037	ug/L	7.818	2	308325	3260306	1	Standard
	Ca	44	3185.334	ug/L	36.301	1	18113	4103852	0	Standard
	Fe	54	5.697	ug/L	1.133	19	81841	90613	0	Standard
	Fe	57	13.162	ug/L	1.221	9	19200	29527	1	Standard
	Mn	55	92.314	ug/L	1.372	1	2007	3957623	1	Standard
>	Ge	72		ug/L			102982	102754	1	KED
	Zn	66	95.054	ug/L	1.496	1	686	73289	0	KED
	Zn	67	88.561	ug/L	1.519	1	107	11215	2	KED
	Y	89		ug/L			822092	850573	2	Standard
	Kr	83		ug/L			337	333	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-52
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 15:26:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	37993	0	Standard
	Cl	**37**		ug/L			6611198	6196728	0	Standard
>	**Sc**	**45**		ug/L			1636791	1571675	0	Standard
	Na	**23**	**324.588**	ug/L	1.472	0	34287	5691609	0	Standard
	Mg	**24**	**501.917**	ug/L	6.720	1	7272	13427260	1	Standard
	Al	**27**	**223.494**	ug/L	4.346	1	14181	5336875	1	Standard
	K	**39**	**323.406**	ug/L	3.456	1	308325	2787836	1	Standard
	Ca	**44**	**3678.708**	ug/L	17.941	0	18113	4717649	0	Standard
	Fe	**54**	**476.973**	ug/L	5.053	1	81841	1056296	1	Standard
	Fe	**57**	**473.786**	ug/L	15.676	3	19200	413603	3	Standard
	Mn	**55**	**73.619**	ug/L	0.562	0	2007	3143875	1	Standard
>	**Ge**	**72**		ug/L			102982	104824	2	KED
	Zn	**66**	**16.482**	ug/L	0.164	0	686	13544	3	KED
	Zn	**67**	**15.555**	ug/L	0.398	2	107	2099	2	KED
	Y	**89**		ug/L			822092	780862	1	Standard
	Kr	**83**		ug/L			337	306	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-04
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 15:29:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	40126	0	Standard
	Cl	**37**		ug/L			6611198	6094369	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1548810	0	Standard
|	**Na**	**23**	**263.978**	ug/L	6.810	2	34287	4567338	2	Standard
|	**Mg**	**24**	**444.866**	ug/L	9.892	2	7272	11728732	2	Standard
|	**Al**	**27**	**189.474**	ug/L	1.133	0	14181	4460762	0	Standard
|	**K**	**39**	**305.819**	ug/L	3.076	1	308325	2613738	0	Standard
|	**Ca**	**44**	**3233.445**	ug/L	31.288	0	18113	4088462	1	Standard
|	**Fe**	**54**	**53.580**	ug/L	0.914	1	81841	185674	0	Standard
|	**Fe**	**57**	**57.360**	ug/L	0.684	1	19200	65315	0	Standard
⌊	**Mn**	**55**	**125.589**	ug/L	0.526	0	2007	5283823	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	103029	1	KED
|	**Zn**	**66**	**19.060**	ug/L	0.239	1	686	15284	0	KED
⌊	**Zn**	**67**	**18.059**	ug/L	0.450	2	107	2378	1	KED
	Y	**89**		ug/L			822092	797082	0	Standard
	Kr	**83**		ug/L			337	314	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-03 RE1
Sample Dil Factor: 50
Comments:
Sample Date/Time: Friday, July 16, 2021 15:32:46
MB 7/16/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	35127	1	Standard
	Cl	**37**		ug/L			6611198	6237020	0	Standard
>	**Sc**	**45**		ug/L			1636791	1510344	0	Standard
	Na	**23**	**103.734**	ug/L	0.797	0	34287	1769473	1	Standard
	Mg	**24**	**220.219**	ug/L	1.472	0	7272	5665135	1	Standard
	Al	**27**	**151.909**	ug/L	1.344	0	14181	3490168	1	Standard
	K	**39**	**173.187**	ug/L	4.046	2	308325	1566719	1	Standard
	Ca	**44**	**1504.430**	ug/L	12.929	0	18113	1863976	1	Standard
	Fe	**54**	**127.006**	ug/L	1.125	0	81841	325710	1	Standard
	Fe	**57**	**125.224**	ug/L	2.577	2	19200	118082	1	Standard
	Mn	**55**	**93.538**	ug/L	0.696	0	2007	3837960	0	Standard
>	**Ge**	**72**		ug/L			102982	102266	0	KED
	Zn	**66**	**9.954**	ug/L	0.250	2	686	8249	1	KED
	Zn	**67**	**9.314**	ug/L	0.474	5	107	1269	4	KED
	Y	**89**		ug/L			822092	764981	2	Standard
	Kr	**83**		ug/L			337	315	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-09 RE1
Sample Dil Factor: 50
Comments:
Sample Date/Time: Friday, July 16, 2021 15:36:06

MB 7/16/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	34786	2	Standard
	Cl	**37**		ug/L			6611198	6158650	1	Standard
>	**Sc**	**45**		ug/L			1636791	1527435	0	Standard
	Na	**23**	**105.853**	ug/L	1.200	1	34287	1825410	1	Standard
	Mg	**24**	**281.609**	ug/L	2.730	0	7272	7324470	1	Standard
	Al	**27**	**160.395**	ug/L	3.228	2	14181	3726187	2	Standard
	K	**39**	**191.801**	ug/L	2.020	1	308325	1723948	1	Standard
	Ca	**44**	**1873.120**	ug/L	16.033	0	18113	2342809	0	Standard
	Fe	**54**	**6.139**	ug/L	0.255	4	81841	88604	0	Standard
	Fe	**57**	**9.771**	ug/L	0.290	2	19200	25838	1	Standard
	Mn	**55**	**208.366**	ug/L	0.802	0	2007	8644164	0	Standard
>	**Ge**	**72**		ug/L			102982	102359	1	KED
	Zn	**66**	**12.778**	ug/L	0.426	3	686	10404	2	KED
	Zn	**67**	**12.431**	ug/L	0.347	2	107	1660	2	KED
	Y	**89**		ug/L			822092	782076	1	Standard
	Kr	**83**		ug/L			337	340	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-42
Sample Dil Factor: 50
Comments:
Sample Date/Time: Friday, July 16, 2021 15:39:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	33986	0	Standard
	Cl	**37**		ug/L			6611198	6240961	0	Standard
>	**Sc**	**45**		ug/L			1636791	1499072	0	Standard
	Na	**23**	**226.996**	ug/L	4.792	2	34287	3805374	1	Standard
	Mg	**24**	**710.503**	ug/L	11.464	1	7272	18125811	1	Standard
	Al	**27**	**228.638**	ug/L	4.206	1	14181	5206679	0	Standard
	K	**39**	**798.227**	ug/L	16.934	2	308325	6147737	1	Standard
	Ca	**44**	**9314.306**	ug/L	67.007	0	18113	11367464	0	Standard
	Fe	**54**	**8165.357**	ug/L	130.126	1	81841	16037881	0	Standard
	Fe	**57**	**8176.368**	ug/L	172.164	2	19200	6521555	1	Standard
	Mn	**55**	**63.871**	ug/L	0.942	1	2007	2601575	0	Standard
>	**Ge**	**72**		ug/L			102982	103459	2	KED
	Zn	**66**	**99.565**	ug/L	1.089	1	686	77261	1	KED
	Zn	**67**	**91.885**	ug/L	0.869	0	107	11713	3	KED
	Y	**89**		ug/L			822092	752952	1	Standard
	Kr	**83**		ug/L			337	328	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-56
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 15:44:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	54559	1	Standard
	Cl	**37**		ug/L			6611198	6129640	1	Standard
>	**Sc**	**45**		ug/L			1636791	1547081	1	Standard
	Na	**23**	**840.833**	ug/L	8.397	0	34287	14462009	1	Standard
	Mg	**24**	**1112.359**	ug/L	4.064	0	7272	29282723	0	Standard
	Al	**27**	**358.196**	ug/L	4.267	1	14181	8412411	2	Standard
	K	**39**	**579.924**	ug/L	17.751	3	308325	4688969	2	Standard
	Ca	**44**	**8557.901**	ug/L	73.919	0	18113	10779927	0	Standard
	Fe	**54**	**1230.362**	ug/L	8.977	0	81841	2559796	0	Standard
	Fe	**57**	**1357.057**	ug/L	25.950	1	19200	1132202	1	Standard
	Mn	**55**	**74.968**	ug/L	1.020	1	2007	3151228	1	Standard
>	**Ge**	**72**		ug/L			102982	99868	0	KED
	Zn	**66**	**34.981**	ug/L	0.323	0	686	26639	1	KED
	Zn	**67**	**33.809**	ug/L	0.977	2	107	4226	2	KED
	Y	**89**		ug/L			822092	779047	1	Standard
	Kr	**83**		ug/L			337	314	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 15:50:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	31060	1	Standard
	Cl	**37**		ug/L			6611198	6272937	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1508932	0	Standard
|	**Na**	**23**	**-0.067**	ug/L	0.031	46	34287	30481	1	Standard
|	**Mg**	**24**	**-0.056**	ug/L	0.002	3	7272	5259	1	Standard
|	**Al**	**27**	**-0.283**	ug/L	0.006	2	14181	6598	1	Standard
|	**K**	**39**	**-1.677**	ug/L	0.451	26	308325	271819	0	Standard
|	**Ca**	**44**	**-1.625**	ug/L	0.288	17	18113	14703	1	Standard
|	**Fe**	**54**	**0.660**	ug/L	0.626	94	81841	76744	1	Standard
|	**Fe**	**57**	**-0.156**	ug/L	0.600	384	19200	17573	2	Standard
⌊	**Mn**	**55**	**-0.011**	ug/L	0.000	4	2007	1389	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	98490	0	KED
|	**Zn**	**66**	**-0.360**	ug/L	0.040	11	686	393	7	KED
⌊	**Zn**	**67**	**-0.267**	ug/L	0.060	22	107	71	10	KED
	Y	**89**		ug/L			822092	761517	1	Standard
	Kr	**83**		ug/L			337	292	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 15:54:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	35200	1	Standard
	Cl	**37**		ug/L			6611198	7558722	19	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1506684	1	Standard
|	**Na**	**23**	**4991.445**	ug/L	66.711	1	34287	83441574	0	Standard
|	**Mg**	**24**	**5177.240**	ug/L	129.534	2	7272	132677045	0	Standard
|	**Al**	**27**	**5084.581**	ug/L	67.181	1	14181	116111523	1	Standard
|	**K**	**39**	**4990.829**	ug/L	88.468	1	308325	37141119	0	Standard
|	**Ca**	**44**	**5260.357**	ug/L	196.822	3	18113	6457590	2	Standard
|	**Fe**	**54**	**5140.467**	ug/L	76.683	1	81841	10175225	0	Standard
|	**Fe**	**57**	**5102.815**	ug/L	27.205	0	19200	4097853	1	Standard
⌊	**Mn**	**55**	**50.715**	ug/L	1.064	2	2007	2077207	3	Standard
⌈>	**Ge**	**72**		ug/L			102982	104724	1	KED
|	**Zn**	**66**	**49.562**	ug/L	0.690	1	686	39286	1	KED
⌊	**Zn**	**67**	**48.609**	ug/L	0.478	0	107	6323	2	KED
	Y	**89**		ug/L			822092	756899	2	Standard
	Kr	**83**		ug/L			337	392	34	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 16:00:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	29535	0	Standard
	Cl	**37**		ug/L			6611198	6621980	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1541915	0	Standard
|	**Na**	**23**	**0.149**	ug/L	0.038	25	34287	34854	1	Standard
|	**Mg**	**24**	**0.045**	ug/L	0.003	6	7272	8035	1	Standard
|	**Al**	**27**	**0.097**	ug/L	0.006	6	14181	15625	0	Standard
|	**K**	**39**	**0.063**	ug/L	0.163	260	308325	290925	0	Standard
|	**Ca**	**44**	**-1.810**	ug/L	0.293	16	18113	14794	2	Standard
|	**Fe**	**54**	**0.150**	ug/L	0.333	221	81841	77400	1	Standard
|	**Fe**	**57**	**2.119**	ug/L	0.618	29	19200	19822	2	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.001	20	2007	1674	2	Standard
⌈>	**Ge**	**72**		ug/L			102982	102105	1	KED
|	**Zn**	**66**	**-0.168**	ug/L	0.036	21	686	553	5	KED
⌊	**Zn**	**67**	**-0.192**	ug/L	0.097	50	107	83	16	KED
	Y	**89**		ug/L			822092	766307	0	Standard
	Kr	**83**		ug/L			337	340	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 16:04:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	43169	1	Standard
	Cl	**37**		ug/L			6611198	6518013	1	Standard
>	**Sc**	**45**		ug/L			1636791	1513783	2	Standard
	Na	**23**	**1.393**	ug/L	0.087	6	34287	55082	1	Standard
	Mg	**24**	**0.441**	ug/L	0.018	4	7272	18074	1	Standard
	Al	**27**	**1.216**	ug/L	0.032	2	14181	41002	0	Standard
	K	**39**	**0.849**	ug/L	0.788	92	308325	291365	0	Standard
	Ca	**44**	**-1.310**	ug/L	0.340	25	18113	15133	0	Standard
	Fe	**54**	**4.910**	ug/L	0.773	15	81841	85377	2	Standard
	Fe	**57**	**3.506**	ug/L	0.627	17	19200	20572	3	Standard
	Mn	**55**	**0.265**	ug/L	0.006	2	2007	12730	0	Standard
>	**Ge**	**72**		ug/L			102982	101689	0	KED
	Zn	**66**	**0.034**	ug/L	0.012	35	686	703	2	KED
	Zn	**67**	**-0.015**	ug/L	0.037	247	107	104	4	KED
	Y	**89**		ug/L			822092	747987	3	Standard
	Kr	**83**		ug/L			337	342	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 16:08:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	50649	2	Standard
	Cl	**37**		ug/L			6611198	6729373	0	Standard
>	**Sc**	**45**		ug/L			1636791	1532639	3	Standard
	Na	**23**	**4831.822**	ug/L	151.770	3	34287	82129065	2	Standard
	Mg	**24**	**5043.815**	ug/L	205.477	4	7272	131398389	0	Standard
	Al	**27**	**4976.766**	ug/L	86.426	1	14181	115567972	1	Standard
	K	**39**	**4919.673**	ug/L	228.078	4	308325	37220086	2	Standard
	Ca	**44**	**5079.654**	ug/L	138.820	2	18113	6342261	0	Standard
	Fe	**54**	**4929.216**	ug/L	203.420	4	81841	9920695	0	Standard
	Fe	**57**	**4927.174**	ug/L	226.041	4	19200	4022024	2	Standard
	Mn	**55**	**29.090**	ug/L	0.631	2	2007	1212017	1	Standard
>	**Ge**	**72**		ug/L			102982	103205	0	KED
	Zn	**66**	**76.929**	ug/L	1.226	1	686	59709	0	KED
	Zn	**67**	**74.671**	ug/L	1.025	1	107	9514	1	KED
	Y	**89**		ug/L			822092	771533	2	Standard
	Kr	**83**		ug/L			337	332	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0367-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 16:11:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	46163	0	Standard
	Cl	**37**		ug/L			6611198	6643899	2	Standard
>	**Sc**	**45**		ug/L			1636791	1534578	2	Standard
	Na	**23**	**32.839**	ug/L	0.630	1	34287	590998	1	Standard
	Mg	**24**	**0.922**	ug/L	0.025	2	7272	30879	1	Standard
	Al	**27**	**1.468**	ug/L	0.049	3	14181	47411	1	Standard
	K	**39**	**11.021**	ug/L	0.969	8	308325	371883	0	Standard
	Ca	**44**	**2.105**	ug/L	0.255	12	18113	19604	0	Standard
	Fe	**54**	**14.610**	ug/L	0.590	4	81841	105954	1	Standard
	Fe	**57**	**5.082**	ug/L	0.307	6	19200	22136	1	Standard
	Mn	**55**	**8.214**	ug/L	0.175	2	2007	344056	0	Standard
>	**Ge**	**72**		ug/L			102982	104089	1	KED
	Zn	**66**	**0.853**	ug/L	0.015	1	686	1353	0	KED
	Zn	**67**	**0.779**	ug/L	0.122	15	107	208	8	KED
	Y	**89**		ug/L			822092	759524	0	Standard
	Kr	**83**		ug/L			337	333	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0367-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 16:14:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	50581	1	Standard
	Cl	**37**		ug/L			6611198	6734408	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1557549	0	Standard
|	**Na**	**23**	**4924.556**	ug/L	84.794	1	34287	85107448	1	Standard
|	**Mg**	**24**	**4979.184**	ug/L	45.520	0	7272	131936787	0	Standard
|	**Al**	**27**	**4886.853**	ug/L	68.846	1	14181	115358671	0	Standard
|	**K**	**39**	**4817.990**	ug/L	111.496	2	308325	37077491	1	Standard
|	**Ca**	**44**	**5101.093**	ug/L	71.086	1	18113	6476680	1	Standard
|	**Fe**	**54**	**4904.600**	ug/L	40.213	0	81841	10041021	0	Standard
|	**Fe**	**57**	**4888.569**	ug/L	19.214	0	19200	4059073	0	Standard
⌊	**Mn**	**55**	**28.178**	ug/L	0.193	0	2007	1193656	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	102657	1	KED
|	**Zn**	**66**	**71.514**	ug/L	0.731	1	686	55260	0	KED
⌊	**Zn**	**67**	**68.634**	ug/L	0.946	1	107	8706	0	KED
	Y	**89**		ug/L			822092	781995	2	Standard
	Kr	**83**		ug/L			337	355	3	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0163-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 16:18:16

MB 7/16/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	39914	2	Standard
	Cl	**37**		ug/L			6611198	6599296	0	Standard
>	**Sc**	**45**		ug/L			1636791	1600835	0	Standard
	Na	**23**	**3042.258**	ug/L	35.456	1	34287	54055230	1	Standard
	Mg	**24**	**1268.336**	ug/L	14.792	1	7272	34546774	0	Standard
	Al	**27**	**243.550**	ug/L	2.160	0	14181	5922556	1	Standard
	K	**39**	**564.928**	ug/L	3.304	0	308325	4734841	0	Standard
	Ca	**44**	**7455.735**	ug/L	201.933	2	18113	9719697	2	Standard
	Fe	**54**	**4920.424**	ug/L	62.749	1	81841	10352413	0	Standard
	Fe	**57**	**4900.191**	ug/L	93.144	1	19200	4181589	1	Standard
	Mn	**55**	**478.178**	ug/L	12.159	2	2007	20785925	1	Standard
>	**Ge**	**72**		ug/L			102982	102509	0	KED
	Zn	**66**	**9.852**	ug/L	0.183	1	686	8190	1	KED
	Zn	**67**	**10.203**	ug/L	0.260	2	107	1384	3	KED
	Y	**89**		ug/L			822092	779834	0	Standard
	Kr	**83**		ug/L			337	336	10	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0163-03
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 16:30:28

MB 7/16/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	47434	1	Standard
	Cl	**37**		ug/L			6611198	6625314	1	Standard
>	**Sc**	**45**		ug/L			1636791	1642974	2	Standard
	Na	**23**	**5912.073**	ug/L	174.283	2	34287	107726624	1	Standard
	Mg	**24**	**4463.004**	ug/L	103.185	2	7272	124700887	1	Standard
	Al	**27**	**6.883**	ug/L	0.096	1	14181	185616	3	Standard
	K	**39**	**1171.107**	ug/L	29.737	2	308325	9737777	0	Standard
	Ca	**44**	**18746.467**	ug/L	468.285	2	18113	25045698	0	Standard
	Fe	**54**	**3872.342**	ug/L	84.399	2	81841	8376505	0	Standard
	Fe	**57**	**3918.686**	ug/L	84.775	2	19200	3434730	0	Standard
	Mn	**55**	**544.858**	ug/L	9.505	1	2007	24302817	1	Standard
>	**Ge**	**72**		ug/L			102982	98483	1	KED
	Zn	**66**	**1.441**	ug/L	0.079	5	686	1711	4	KED
	Zn	**67**	**1.931**	ug/L	0.215	11	107	335	7	KED
	Y	**89**		ug/L			822092	771354	1	Standard
	Kr	**83**		ug/L			337	408	4	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0163-07
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 16:36:31

MB 7/16/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	46652	1	Standard
	Cl	**37**		ug/L			6611198	6606255	1	Standard
>	**Sc**	**45**		ug/L			1636791	1606335	1	Standard
	Na	**23**	**6847.429**	ug/L	210.241	3	34287	122027847	2	Standard
	Mg	**24**	**3862.896**	ug/L	53.208	1	7272	105563202	1	Standard
	Al	**27**	**12.906**	ug/L	0.316	2	14181	328125	2	Standard
	K	**39**	**1786.641**	ug/L	17.592	0	308325	14371324	0	Standard
	Ca	**44**	**18759.134**	ug/L	298.444	1	18113	24512245	0	Standard
	Fe	**54**	**238.617**	ug/L	4.062	1	81841	580175	0	Standard
	Fe	**57**	**281.204**	ug/L	5.433	1	19200	258567	2	Standard
	Mn	**55**	**20.428**	ug/L	0.402	1	2007	892988	1	Standard
>	**Ge**	**72**		ug/L			102982	99220	0	KED
	Zn	**66**	**2.358**	ug/L	0.080	3	686	2400	2	KED
	Zn	**67**	**2.717**	ug/L	0.270	9	107	433	7	KED
	Y	**89**		ug/L			822092	771646	1	Standard
	Kr	**83**		ug/L			337	330	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0163-05
Sample Dil Factor: 100
Comments:
Sample Date/Time: Friday, July 16, 2021 16:42:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	39311	0	Standard
	Cl	**37**		ug/L			6611198	6722928	1	Standard
>	**Sc**	**45**		ug/L			1636791	1572518	3	Standard
	Na	**23**	**138.890**	ug/L	1.856	1	34287	2454876	1	Standard
	Mg	**24**	**161.375**	ug/L	5.718	3	7272	4321085	1	Standard
	Al	**27**	**46.329**	ug/L	2.066	4	14181	1116788	1	Standard
	K	**39**	**37.674**	ug/L	2.279	6	308325	586293	0	Standard
	Ca	**44**	**1345.964**	ug/L	44.706	3	18113	1737115	1	Standard
	Fe	**54**	**18428.169**	ug/L	542.832	2	81841	37855502	1	Standard
	Fe	**57**	**18531.559**	ug/L	879.040	4	19200	15469620	2	Standard
	Mn	**55**	**97.870**	ug/L	2.578	2	2007	4178897	0	Standard
>	**Ge**	**72**		ug/L			102982	105406	2	KED
	Zn	**66**	**3.016**	ug/L	0.032	1	686	3065	2	KED
	Zn	**67**	**3.085**	ug/L	0.204	6	107	507	5	KED
	Y	**89**		ug/L			822092	787416	1	Standard
	Kr	**83**		ug/L			337	305	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0163-06
Sample Dil Factor: 100
Comments:
Sample Date/Time: Friday, July 16, 2021 16:49:17

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	34207	0	Standard
	Cl	**37**		ug/L			6611198	6616207	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1546851	2	Standard
|	**Na**	**23**	**134.645**	ug/L	1.146	0	34287	2342725	3	Standard
|	**Mg**	**24**	**100.896**	ug/L	1.028	1	7272	2661803	2	Standard
|	**Al**	**27**	**-0.050**	ug/L	0.092	184	14181	12195	14	Standard
|	**K**	**39**	**29.662**	ug/L	1.074	3	308325	516181	1	Standard
|	**Ca**	**44**	**458.361**	ug/L	6.255	1	18113	593523	3	Standard
|	**Fe**	**54**	**81.767**	ug/L	1.393	1	81841	242255	1	Standard
|	**Fe**	**57**	**77.518**	ug/L	1.751	2	19200	81756	1	Standard
⌊	**Mn**	**55**	**15.999**	ug/L	0.102	0	2007	674006	3	Standard
⌈>	**Ge**	**72**		ug/L			102982	102288	1	KED
|	**Zn**	**66**	**-0.505**	ug/L	0.016	3	686	297	5	KED
⌊	**Zn**	**67**	**-0.493**	ug/L	0.086	17	107	45	25	KED
	Y	**89**		ug/L			822092	776102	2	Standard
	Kr	**83**		ug/L			337	325	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 16:54:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	32269	0	Standard
	Cl	**37**		ug/L			6611198	6506691	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1522579	2	Standard
|	**Na**	**23**	**-0.061**	ug/L	0.037	60	34287	30857	0	Standard
|	**Mg**	**24**	**-0.050**	ug/L	0.004	7	7272	5465	0	Standard
|	**Al**	**27**	**-0.250**	ug/L	0.003	1	14181	7433	2	Standard
|	**K**	**39**	**0.547**	ug/L	1.009	184	308325	290764	0	Standard
|	**Ca**	**44**	**-3.402**	ug/L	0.312	9	18113	12632	0	Standard
|	**Fe**	**54**	**4.132**	ug/L	0.883	21	81841	84304	0	Standard
|	**Fe**	**57**	**2.135**	ug/L	0.506	23	19200	19592	4	Standard
⌊	**Mn**	**55**	**-0.009**	ug/L	0.001	9	2007	1492	4	Standard
⌈>	**Ge**	**72**		ug/L			102982	102694	0	KED
|	**Zn**	**66**	**-0.338**	ug/L	0.016	4	686	426	3	KED
⌊	**Zn**	**67**	**-0.266**	ug/L	0.047	17	107	74	8	KED
	Y	**89**		ug/L			822092	748038	2	Standard
	Kr	**83**		ug/L			337	349	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 16:58:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	34678	0	Standard
	Cl	**37**		ug/L			6611198	6828253	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1560823	1	Standard
|	**Na**	**23**	**4916.620**	ug/L	8.108	0	34287	85154242	1	Standard
|	**Mg**	**24**	**5056.854**	ug/L	49.516	0	7272	134283045	1	Standard
|	**Al**	**27**	**4996.648**	ug/L	2.107	0	14181	118205419	1	Standard
|	**K**	**39**	**4898.910**	ug/L	82.276	1	308325	37776915	1	Standard
|	**Ca**	**44**	**5128.932**	ug/L	98.546	1	18113	6525761	2	Standard
|	**Fe**	**54**	**4992.584**	ug/L	46.630	0	81841	10240715	0	Standard
|	**Fe**	**57**	**4996.243**	ug/L	42.530	0	19200	4156827	1	Standard
⌊	**Mn**	**55**	**49.910**	ug/L	0.460	0	2007	2117135	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	101230	1	KED
|	**Zn**	**66**	**48.340**	ug/L	0.264	0	686	37054	1	KED
⌊	**Zn**	**67**	**49.225**	ug/L	1.283	2	107	6187	1	KED
	Y	**89**		ug/L			822092	781506	2	Standard
	Kr	**83**		ug/L			337	333	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 17:04:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	30540	1	Standard
	Cl	**37**		ug/L			6611198	6475374	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1509382	1	Standard
|	**Na**	**23**	**0.265**	ug/L	0.045	16	34287	36056	1	Standard
|	**Mg**	**24**	**0.061**	ug/L	0.007	10	7272	8279	2	Standard
|	**Al**	**27**	**0.120**	ug/L	0.006	5	14181	15826	1	Standard
|	**K**	**39**	**1.549**	ug/L	0.659	42	308325	295728	0	Standard
|	**Ca**	**44**	**-2.597**	ug/L	0.053	2	18113	13515	1	Standard
|	**Fe**	**54**	**3.449**	ug/L	0.710	20	81841	82244	1	Standard
|	**Fe**	**57**	**4.236**	ug/L	1.157	27	19200	21087	2	Standard
⌊	**Mn**	**55**	**-0.002**	ug/L	0.001	49	2007	1770	4	Standard
⌈>	**Ge**	**72**		ug/L			102982	99750	2	KED
|	**Zn**	**66**	**-0.123**	ug/L	0.012	9	686	573	0	KED
⌊	**Zn**	**67**	**-0.104**	ug/L	0.127	122	107	92	18	KED
	Y	**89**		ug/L			822092	765648	1	Standard
	Kr	**83**		ug/L			337	325	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0163-06
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 17:10:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	40551	1	Standard
	Cl	**37**		ug/L			6611198	6600601	1	Standard
>	**Sc**	**45**		ug/L			1636791	1563756	1	Standard
	Na	**23**	**2585.432**	ug/L	33.105	1	34287	44878715	1	Standard
	Mg	**24**	**1971.947**	ug/L	31.641	1	7272	52460167	0	Standard
	Al	**27**	**0.458**	ug/L	0.003	0	14181	24398	0	Standard
	K	**39**	**498.194**	ug/L	1.417	0	308325	4113669	0	Standard
	Ca	**44**	**7747.056**	ug/L	65.050	0	18113	9865335	0	Standard
	Fe	**54**	**1327.119**	ug/L	6.877	0	81841	2784768	0	Standard
	Fe	**57**	**1478.417**	ug/L	36.367	2	19200	1245032	1	Standard
	Mn	**55**	**277.688**	ug/L	5.587	2	2007	11791615	0	Standard
>	**Ge**	**72**		ug/L			102982	100637	2	KED
	Zn	**66**	**0.032**	ug/L	0.068	210	686	693	4	KED
	Zn	**67**	**0.242**	ug/L	0.077	31	107	135	7	KED
	Y	**89**		ug/L			822092	766667	0	Standard
	Kr	**83**		ug/L			337	340	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0163-02
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 17:14:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	48466	0	Standard
	Cl	**37**		ug/L			6611198	6670141	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1628960	0	Standard
|	**Na**	**23**	**6035.232**	ug/L	74.927	1	34287	109077916	0	Standard
|	**Mg**	**24**	**4427.153**	ug/L	9.766	0	7272	122694088	0	Standard
|	**Al**	**27**	**1.123**	ug/L	0.015	1	14181	41835	1	Standard
|	**K**	**39**	**1154.325**	ug/L	14.734	1	308325	9525251	1	Standard
|	**Ca**	**44**	**18582.735**	ug/L	95.668	0	18113	24626544	0	Standard
|	**Fe**	**54**	**492.692**	ug/L	2.713	0	81841	1128186	0	Standard
|	**Fe**	**57**	**533.598**	ug/L	2.902	0	19200	480392	0	Standard
⌊	**Mn**	**55**	**512.147**	ug/L	2.901	0	2007	22656529	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	102403	1	KED
|	**Zn**	**66**	**0.552**	ug/L	0.045	8	686	1102	2	KED
⌊	**Zn**	**67**	**0.599**	ug/L	0.019	3	107	182	0	KED
	Y	**89**		ug/L			822092	768694	0	Standard
	Kr	**83**		ug/L			337	344	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0163-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 17:17:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	47384	1	Standard
	Cl	**37**		ug/L			6611198	6867728	1	Standard
>	**Sc**	**45**		ug/L			1636791	1663337	1	Standard
	Na	**23**	**7235.252**	ug/L	38.570	0	34287	133530536	1	Standard
	Mg	**24**	**2730.385**	ug/L	37.022	1	7272	77263710	1	Standard
	Al	**27**	**1.279**	ug/L	0.011	0	14181	46653	1	Standard
	K	**39**	**1254.921**	ug/L	22.754	1	308325	10544867	0	Standard
	Ca	**44**	**16733.041**	ug/L	312.317	1	18113	22644886	2	Standard
	Fe	**54**	**376.302**	ug/L	4.656	1	81841	899456	0	Standard
	Fe	**57**	**407.646**	ug/L	12.666	3	19200	379268	1	Standard
	Mn	**55**	**571.200**	ug/L	7.603	1	2007	25802629	2	Standard
>	**Ge**	**72**		ug/L			102982	101768	2	KED
	Zn	**66**	**0.924**	ug/L	0.013	1	686	1377	3	KED
	Zn	**67**	**1.387**	ug/L	0.179	12	107	278	6	KED
	Y	**89**		ug/L			822092	778867	0	Standard
	Kr	**83**		ug/L			337	365	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0163-08
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 17:20:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	64955	1	Standard
	Cl	**37**		ug/L			6611198	6677113	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1657498	0	Standard
|	**Na**	**23**	**12956.528**	ug/L	112.842	0	34287	238247616	1	Standard
|	**Mg**	**24**	**7227.256**	ug/L	53.495	0	7272	203797155	0	Standard
|	**Al**	**27**	**7.368**	ug/L	0.073	0	14181	199436	1	Standard
|	**K**	**39**	**3384.760**	ug/L	29.424	0	308325	27815739	1	Standard
|	**Ca**	**44**	**35386.159**	ug/L	490.387	1	18113	47702237	1	Standard
|	**Fe**	**54**	**49.141**	ug/L	1.544	3	81841	189115	2	Standard
|	**Fe**	**57**	**134.040**	ug/L	0.518	0	19200	137349	0	Standard
⌊	**Mn**	**55**	**17.496**	ug/L	0.198	1	2007	789490	0	Standard
⌈>	**Ge**	**72**		ug/L			102982	99590	1	KED
|	**Zn**	**66**	**3.434**	ug/L	0.151	4	686	3205	2	KED
⌊	**Zn**	**67**	**3.775**	ug/L	0.244	6	107	563	5	KED
	Y	**89**		ug/L			822092	756539	1	Standard
	Kr	**83**		ug/L			337	321	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-43
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 17:26:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	34907	1	Standard
	Cl	**37**		ug/L			6611198	4992028	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1191090	0	Standard
|	**Na**	**23**	**4374.547**	ug/L	38.734	0	34287	57820974	1	Standard
|	**Mg**	**24**	**12856.392**	ug/L	92.112	0	7272	260521784	1	Standard
|	**Al**	**27**	**60.380**	ug/L	0.894	1	14181	1100220	1	Standard
|	**K**	**39**	**21600.791**	ug/L	85.992	0	308325	126355044	1	Standard
|	**Ca**	**44**	**229153.345**	ug/L	1263.132	0	18113	221899854	0	Standard
|	**Fe**	**54**	**168687.256**	ug/L	666.339	0	81841	262103878	0	Standard
|	**Fe**	**57**	**173352.087**	ug/L	1218.501	0	19200	109588824	0	Standard
⌊	**Mn**	**55**	**1258.316**	ug/L	5.672	0	2007	40700439	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	82766	1	KED
|	**Zn**	**66**	**1765.689**	ug/L	43.677	2	686	1086863	1	KED
⌊	**Zn**	**67**	**1657.571**	ug/L	20.543	1	107	167532	0	KED
	Y	**89**		ug/L			822092	646944	1	Standard
	Kr	**83**		ug/L			337	299	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-32
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 17:29:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30691	44324	1	Standard
	Cl	37		ug/L			6611198	5888927	2	Standard
>	Sc	45		ug/L			1636791	1459947	0	Standard
	Na	23	1278.946	ug/L	8.202	0	34287	20742157	1	Standard
	Mg	24	2440.851	ug/L	47.183	1	7272	60623851	1	Standard
	Al	27	45.609	ug/L	0.164	0	14181	1021798	1	Standard
	K	39	1219.577	ug/L	11.494	0	308325	9003504	0	Standard
	Ca	44	16519.444	ug/L	173.568	1	18113	19622557	1	Standard
	Fe	54	8.962	ug/L	0.491	5	81841	90059	0	Standard
	Fe	57	39.581	ug/L	0.879	2	19200	47794	1	Standard
	Mn	55	119.624	ug/L	1.254	1	2007	4743980	0	Standard
>	Ge	72		ug/L			102982	99898	0	KED
	Zn	66	22.453	ug/L	0.427	1	686	17340	1	KED
	Zn	67	21.530	ug/L	0.429	1	107	2729	1	KED
	Y	89		ug/L			822092	740997	1	Standard
	Kr	83		ug/L			337	302	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-41
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 17:32:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	46430	0	Standard
	Cl	**37**		ug/L			6611198	6073610	0	Standard
>	**Sc**	**45**		ug/L			1636791	1527487	0	Standard
	Na	**23**	**830.975**	ug/L	10.823	1	34287	14110482	0	Standard
	Mg	**24**	**1021.777**	ug/L	18.424	1	7272	26556691	1	Standard
	Al	**27**	**1958.874**	ug/L	31.470	1	14181	45360816	2	Standard
	K	**39**	**932.029**	ug/L	6.907	0	308325	7266742	0	Standard
	Ca	**44**	**8452.106**	ug/L	111.375	1	18113	10512328	1	Standard
	Fe	**54**	**42.683**	ug/L	0.561	1	81841	161415	1	Standard
	Fe	**57**	**57.743**	ug/L	0.582	1	19200	64728	1	Standard
	Mn	**55**	**68.681**	ug/L	0.087	0	2007	2850628	0	Standard
>	**Ge**	**72**		ug/L			102982	102327	1	KED
	Zn	**66**	**48.047**	ug/L	0.603	1	686	37233	2	KED
	Zn	**67**	**45.713**	ug/L	0.893	1	107	5816	2	KED
	Y	**89**		ug/L			822092	824833	0	Standard
	Kr	**83**		ug/L			337	311	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-03
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 17:36:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30691	39575	0	Standard
	Cl	37		ug/L			6611198	6036099	0	Standard
>	Sc	45		ug/L			1636791	1478822	5	Standard
	Na	23	808.514	ug/L	28.844	3	34287	13277738	2	Standard
	Mg	24	2098.846	ug/L	65.974	3	7272	52751283	2	Standard
	Al	27	1424.217	ug/L	41.440	2	14181	31899122	2	Standard
	K	39	1388.353	ug/L	49.428	3	308325	10331060	1	Standard
	Ca	44	14705.302	ug/L	357.714	2	18113	17680859	2	Standard
	Fe	54	1059.519	ug/L	31.880	3	81841	2115361	2	Standard
	Fe	57	1191.702	ug/L	38.963	3	19200	951595	2	Standard
	Mn	55	880.173	ug/L	24.190	2	2007	35314340	2	Standard
>	Ge	72		ug/L			102982	99167	2	KED
	Zn	66	102.873	ug/L	1.393	1	686	76497	1	KED
	Zn	67	96.158	ug/L	2.130	2	107	11745	4	KED
	Y	89		ug/L			822092	836647	4	Standard
	Kr	83		ug/L			337	336	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-09
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 17:42:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30691	38741	0	Standard
	Cl	37		ug/L			6611198	6038089	2	Standard
>	Sc	45		ug/L			1636791	1449009	1	Standard
	Na	23	1024.916	ug/L	10.884	1	34287	16501654	0	Standard
	Mg	24	2770.380	ug/L	29.460	1	7272	68299987	2	Standard
	Al	27	1566.128	ug/L	11.754	0	14181	34402114	1	Standard
	K	39	1602.752	ug/L	23.377	1	308325	11658867	2	Standard
	Ca	44	19144.649	ug/L	231.290	1	18113	22565335	0	Standard
	Fe	54	64.967	ug/L	1.505	2	81841	195200	0	Standard
	Fe	57	104.612	ug/L	1.937	1	19200	97428	0	Standard
	Mn	55	2014.793	ug/L	8.253	0	2007	79274606	1	Standard
>	Ge	72		ug/L			102982	98331	1	KED
	Zn	66	131.960	ug/L	2.362	1	686	97120	2	KED
	Zn	67	123.862	ug/L	1.336	1	107	14967	1	KED
	Y	89		ug/L			822092	859441	0	Standard
	Kr	83		ug/L			337	313	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 17:49:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	29430	0	Standard
	Cl	**37**		ug/L			6611198	6358596	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1414334	1	Standard
|	**Na**	**23**	**-0.549**	ug/L	0.035	6	34287	21004	1	Standard
|	**Mg**	**24**	**-0.053**	ug/L	0.024	45	7272	5003	11	Standard
|	**Al**	**27**	**-0.276**	ug/L	0.023	8	14181	6339	8	Standard
|	**K**	**39**	**-0.212**	ug/L	0.514	242	308325	264914	0	Standard
|	**Ca**	**44**	**-4.593**	ug/L	0.064	1	18113	10369	0	Standard
|	**Fe**	**54**	**1.575**	ug/L	0.871	55	81841	73608	0	Standard
|	**Fe**	**57**	**0.342**	ug/L	0.776	227	19200	16841	1	Standard
⌊	**Mn**	**55**	**0.014**	ug/L	0.008	53	2007	2277	12	Standard
⌈>	**Ge**	**72**		ug/L			102982	97136	0	KED
|	**Zn**	**66**	**-0.433**	ug/L	0.033	7	686	334	7	KED
⌊	**Zn**	**67**	**-0.280**	ug/L	0.098	35	107	68	16	KED
	Y	**89**		ug/L			822092	723924	2	Standard
	Kr	**83**		ug/L			337	291	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 17:53:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	33486	1	Standard
	Cl	**37**		ug/L			6611198	6449857	1	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1435246	2	Standard
|	**Na**	**23**	**4883.545**	ug/L	68.354	1	34287	77767870	1	Standard
|	**Mg**	**24**	**5186.256**	ug/L	44.338	0	7272	126630368	1	Standard
|	**Al**	**27**	**4990.356**	ug/L	106.188	2	14181	108561353	3	Standard
|	**K**	**39**	**4860.058**	ug/L	53.784	1	308325	34463898	1	Standard
|	**Ca**	**44**	**5337.785**	ug/L	138.172	2	18113	6242396	1	Standard
|	**Fe**	**54**	**5075.714**	ug/L	79.697	1	81841	9571008	0	Standard
|	**Fe**	**57**	**5081.608**	ug/L	79.396	1	19200	3886675	0	Standard
⌊	**Mn**	**55**	**50.992**	ug/L	0.504	0	2007	1989181	2	Standard
⌈>	**Ge**	**72**		ug/L			102982	97107	0	KED
|	**Zn**	**66**	**50.606**	ug/L	1.153	2	686	37179	1	KED
⌊	**Zn**	**67**	**52.640**	ug/L	0.992	1	107	6341	1	KED
	Y	**89**		ug/L			822092	728291	1	Standard
	Kr	**83**		ug/L			337	278	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 17:59:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30691	30553	1	Standard
	Cl	**37**		ug/L			6611198	6413822	0	Standard
⌈>	**Sc**	**45**		ug/L			1636791	1440635	1	Standard
|	**Na**	**23**	**0.128**	ug/L	0.028	21	34287	32221	1	Standard
|	**Mg**	**24**	**0.101**	ug/L	0.005	4	7272	8871	2	Standard
|	**Al**	**27**	**0.137**	ug/L	0.021	15	14181	15473	1	Standard
|	**K**	**39**	**0.813**	ug/L	0.297	36	308325	277105	0	Standard
|	**Ca**	**44**	**-2.857**	ug/L	0.091	3	18113	12596	0	Standard
|	**Fe**	**54**	**1.937**	ug/L	0.571	29	81841	75666	0	Standard
|	**Fe**	**57**	**2.587**	ug/L	0.087	3	19200	18877	1	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	631	2007	1774	1	Standard
⌈>	**Ge**	**72**		ug/L			102982	75588	29	KED
|	**Zn**	**66**	**0.008**	ug/L	0.190	2304	686	489	15	KED
⌊	**Zn**	**67**	**-0.017**	ug/L	0.228	1356	107	73	12	KED
	Y	**89**		ug/L			822092	720400	3	Standard
	Kr	**83**		ug/L			337	300	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:03:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				27108	0	Standard
	Cl	**37**		ug/L				6401696	1	Standard
>	**Sc**	**45**		ug/L				1422396	0	Standard
	Na	**23**		ug/L				21234	1	Standard
	Mg	**24**		ug/L				5067	1	Standard
	Al	**27**		ug/L				9763	0	Standard
	K	**39**		ug/L				274278	0	Standard
	Ca	**44**		ug/L				10543	0	Standard
	Fe	**54**		ug/L				74398	0	Standard
	Fe	**57**		ug/L				18276	1	Standard
	Mn	**55**		ug/L				1222	1	Standard
>	**Ge**	**72**		ug/L				98450	1	KED
	Zn	**66**		ug/L				415	5	KED
	Zn	**67**		ug/L				60	25	KED
	Y	**89**		ug/L				701474	1	Standard
	Kr	**83**		ug/L				317	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:06:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	33431	0	Standard
	Cl	**37**		ug/L			6401696	6669706	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1476526	0	Standard
|	**Na**	**23**	**4861.196**	ug/L	122.148	2	21234	79625449	1	Standard
|	**Mg**	**24**	**5081.310**	ug/L	46.797	0	5067	127637995	0	Standard
|	**Al**	**27**	**4929.588**	ug/L	42.029	0	9763	110315461	0	Standard
|	**K**	**39**	**4919.476**	ug/L	72.341	1	274278	35892484	1	Standard
|	**Ca**	**44**	**5121.002**	ug/L	74.711	1	10543	6157491	0	Standard
|	**Fe**	**54**	**5019.914**	ug/L	52.296	1	74398	9743679	0	Standard
|	**Fe**	**57**	**5010.964**	ug/L	59.362	1	18276	3945302	0	Standard
⌊	**Mn**	**55**	**50.456**	ug/L	1.056	2	1222	2024022	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	98928	1	KED
|	**Zn**	**66**	**51.080**	ug/L	0.257	0	415	37986	1	KED
⌊	**Zn**	**67**	**50.624**	ug/L	1.057	2	60	6172	0	KED
	Y	**89**		ug/L			701474	731347	2	Standard
	Kr	**83**		ug/L			317	323	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:19:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	26899	1	Standard
	Cl	**37**		ug/L			6401696	6448355	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1446002	0	Standard
|	**Na**	**23**	**0.018**	ug/L	0.018	99	21234	21871	1	Standard
|	**Mg**	**24**	**-0.002**	ug/L	0.007	295	5067	5095	3	Standard
|	**Al**	**27**	**0.022**	ug/L	0.014	61	9763	10408	2	Standard
|	**K**	**39**	**-0.358**	ug/L	0.152	42	274278	276291	0	Standard
|	**Ca**	**44**	**-0.245**	ug/L	0.082	33	10543	10430	1	Standard
|	**Fe**	**54**	**-0.282**	ug/L	0.533	189	74398	75101	1	Standard
|	**Fe**	**57**	**0.733**	ug/L	0.161	21	18276	19141	0	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	92	1222	1207	2	Standard
⌈>	**Ge**	**72**		ug/L			98450	92737	1	KED
|	**Zn**	**66**	**0.005**	ug/L	0.037	753	415	394	4	KED
⌊	**Zn**	**67**	**-0.009**	ug/L	0.125	1466	60	55	25	KED
	Y	**89**		ug/L			701474	723725	0	Standard
	Kr	**83**		ug/L			317	323	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-08
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:23:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	61623	1	Standard
	Cl	**37**		ug/L			6401696	6260191	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1514687	1	Standard
|	**Na**	**23**	**575.394**	ug/L	11.490	1	21234	9687879	0	Standard
|	**Mg**	**24**	**383.491**	ug/L	12.348	3	5067	9884282	1	Standard
|	**Al**	**27**	**24.093**	ug/L	0.559	2	9763	563327	0	Standard
|	**K**	**39**	**352.247**	ug/L	13.719	3	274278	2906777	2	Standard
|	**Ca**	**44**	**4340.739**	ug/L	6.874	0	10543	5356307	1	Standard
|	**Fe**	**54**	**27.456**	ug/L	0.956	3	74398	133453	1	Standard
|	**Fe**	**57**	**32.669**	ug/L	1.371	4	18276	45711	0	Standard
⌊	**Mn**	**55**	**6.409**	ug/L	0.134	2	1222	264880	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	101251	1	KED
|	**Zn**	**66**	**4.171**	ug/L	0.083	1	415	3566	0	KED
⌊	**Zn**	**67**	**4.238**	ug/L	0.347	8	60	586	8	KED
	Y	**89**		ug/L			701474	743317	2	Standard
	Kr	**83**		ug/L			317	302	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-12
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:27:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	64920	1	Standard
	Cl	**37**		ug/L			6401696	6351136	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1507443	2	Standard
|	**Na**	**23**	**573.632**	ug/L	11.915	2	21234	9612136	1	Standard
|	**Mg**	**24**	**388.261**	ug/L	7.027	1	5067	9959961	0	Standard
|	**Al**	**27**	**24.596**	ug/L	0.408	1	9763	572182	1	Standard
|	**K**	**39**	**359.314**	ug/L	5.147	1	274278	2945483	0	Standard
|	**Ca**	**44**	**4284.496**	ug/L	34.038	0	10543	5262181	2	Standard
|	**Fe**	**54**	**21.334**	ug/L	0.779	3	74398	120769	0	Standard
|	**Fe**	**57**	**28.569**	ug/L	1.754	6	18276	42205	1	Standard
⌊	**Mn**	**55**	**4.876**	ug/L	0.057	1	1222	200868	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	103290	1	KED
|	**Zn**	**66**	**3.386**	ug/L	0.137	4	415	3035	2	KED
⌊	**Zn**	**67**	**3.724**	ug/L	0.318	8	60	532	7	KED
	Y	**89**		ug/L			701474	733363	1	Standard
	Kr	**83**		ug/L			317	316	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-23
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:30:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	61827	1	Standard
	Cl	**37**		ug/L			6401696	6327372	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1514635	0	Standard
|	**Na**	**23**	**540.085**	ug/L	7.511	1	21234	9096968	2	Standard
|	**Mg**	**24**	**323.777**	ug/L	2.295	0	5067	8348344	1	Standard
|	**Al**	**27**	**35.741**	ug/L	0.783	2	9763	830717	1	Standard
|	**K**	**39**	**313.110**	ug/L	9.720	3	274278	2617344	3	Standard
|	**Ca**	**44**	**3592.874**	ug/L	49.043	1	10543	4435357	1	Standard
|	**Fe**	**54**	**30.727**	ug/L	0.194	0	74398	139923	0	Standard
|	**Fe**	**57**	**36.002**	ug/L	1.259	3	18276	48395	1	Standard
⌊	**Mn**	**55**	**1.890**	ug/L	0.001	0	1222	79045	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	102165	0	KED
|	**Zn**	**66**	**2.613**	ug/L	0.037	1	415	2415	0	KED
⌊	**Zn**	**67**	**2.854**	ug/L	0.314	10	60	418	8	KED
	Y	**89**		ug/L			701474	747786	1	Standard
	Kr	**83**		ug/L			317	290	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-25
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:33:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	63346	1	Standard
	Cl	**37**		ug/L			6401696	6406494	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1530276	0	Standard
|	**Na**	**23**	**544.769**	ug/L	5.781	1	21234	9269573	0	Standard
|	**Mg**	**24**	**335.149**	ug/L	0.667	0	5067	8730477	0	Standard
|	**Al**	**27**	**27.230**	ug/L	0.513	1	9763	641961	1	Standard
|	**K**	**39**	**331.985**	ug/L	6.911	2	274278	2785420	1	Standard
|	**Ca**	**44**	**3687.245**	ug/L	22.042	0	10543	4598533	0	Standard
|	**Fe**	**54**	**24.222**	ug/L	0.147	0	74398	128383	0	Standard
|	**Fe**	**57**	**29.368**	ug/L	0.738	2	18276	43513	1	Standard
⌊	**Mn**	**55**	**1.793**	ug/L	0.027	1	1222	75820	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	101552	0	KED
|	**Zn**	**66**	**3.025**	ug/L	0.158	5	415	2712	4	KED
⌊	**Zn**	**67**	**3.119**	ug/L	0.143	4	60	448	4	KED
	Y	**89**		ug/L			701474	756986	1	Standard
	Kr	**83**		ug/L			317	288	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-27
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:37:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	63569	1	Standard
	Cl	**37**		ug/L			6401696	6385365	1	Standard
>	**Sc**	**45**		ug/L			1422396	1545335	0	Standard
	Na	**23**	**542.583**	ug/L	3.711	0	21234	9323402	0	Standard
	Mg	**24**	**335.441**	ug/L	6.206	1	5067	8825046	2	Standard
	Al	**27**	**26.498**	ug/L	0.358	1	9763	631119	0	Standard
	K	**39**	**327.442**	ug/L	3.405	1	274278	2778687	1	Standard
	Ca	**44**	**3633.396**	ug/L	58.460	1	10543	4576184	1	Standard
	Fe	**54**	**23.458**	ug/L	0.262	1	74398	128107	0	Standard
	Fe	**57**	**28.047**	ug/L	0.500	1	18276	42859	1	Standard
	Mn	**55**	**1.828**	ug/L	0.013	0	1222	78018	0	Standard
>	**Ge**	**72**		ug/L			98450	102137	0	KED
	Zn	**66**	**3.441**	ug/L	0.153	4	415	3042	3	KED
	Zn	**67**	**3.287**	ug/L	0.092	2	60	472	2	KED
	Y	**89**		ug/L			701474	754187	2	Standard
	Kr	**83**		ug/L			317	299	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-31
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:40:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	61266	0	Standard
	Cl	**37**		ug/L			6401696	6434502	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1528686	0	Standard
|	**Na**	**23**	**600.198**	ug/L	6.898	1	21234	10199839	1	Standard
|	**Mg**	**24**	**421.484**	ug/L	3.649	0	5067	10966672	1	Standard
|	**Al**	**27**	**6.909**	ug/L	0.074	1	9763	170537	0	Standard
|	**K**	**39**	**455.380**	ug/L	4.249	0	274278	3707599	1	Standard
|	**Ca**	**44**	**4357.492**	ug/L	69.715	1	10543	5426286	1	Standard
|	**Fe**	**54**	**17.005**	ug/L	0.694	4	74398	113857	0	Standard
|	**Fe**	**57**	**23.077**	ug/L	0.862	3	18276	38360	1	Standard
⌊	**Mn**	**55**	**9.964**	ug/L	0.126	1	1222	414887	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	100583	0	KED
|	**Zn**	**66**	**8.923**	ug/L	0.263	2	415	7096	2	KED
⌊	**Zn**	**67**	**8.947**	ug/L	0.252	2	60	1160	2	KED
	Y	**89**		ug/L			701474	756409	1	Standard
	Kr	**83**		ug/L			317	279	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-37
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:44:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	66750	1	Standard
	Cl	**37**		ug/L			6401696	6379263	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1550232	0	Standard
|	**Na**	**23**	**627.193**	ug/L	5.218	0	21234	10807558	0	Standard
|	**Mg**	**24**	**462.904**	ug/L	7.332	1	5067	12212733	0	Standard
|	**Al**	**27**	**54.833**	ug/L	0.490	0	9763	1298817	0	Standard
|	**K**	**39**	**395.344**	ug/L	8.707	2	274278	3303188	1	Standard
|	**Ca**	**44**	**5015.488**	ug/L	61.755	1	10543	6332034	0	Standard
|	**Fe**	**54**	**72.335**	ug/L	1.005	1	74398	227342	1	Standard
|	**Fe**	**57**	**80.616**	ug/L	1.507	1	18276	86242	1	Standard
⌊	**Mn**	**55**	**9.028**	ug/L	0.066	0	1222	381366	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	102760	0	KED
|	**Zn**	**66**	**4.654**	ug/L	0.009	0	415	3989	0	KED
⌊	**Zn**	**67**	**4.478**	ug/L	0.269	6	60	624	5	KED
	Y	**89**		ug/L			701474	751288	2	Standard
	Kr	**83**		ug/L			317	304	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-54
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:47:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	60354	0	Standard
	Cl	**37**		ug/L			6401696	6340130	2	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1474568	0	Standard
|	**Na**	**23**	**699.544**	ug/L	6.427	0	21234	11463577	0	Standard
|	**Mg**	**24**	**570.435**	ug/L	2.430	0	5067	14314708	0	Standard
|	**Al**	**27**	**22.156**	ug/L	0.074	0	9763	505237	0	Standard
|	**K**	**39**	**458.020**	ug/L	3.701	0	274278	3595186	0	Standard
|	**Ca**	**44**	**6601.576**	ug/L	105.466	1	10543	7924224	1	Standard
|	**Fe**	**54**	**28.957**	ug/L	1.538	5	74398	132801	1	Standard
|	**Fe**	**57**	**40.252**	ug/L	0.602	1	18276	50445	1	Standard
⌊	**Mn**	**55**	**12.513**	ug/L	0.017	0	1222	502295	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	102798	0	KED
|	**Zn**	**66**	**5.456**	ug/L	0.137	2	415	4603	1	KED
⌊	**Zn**	**67**	**5.317**	ug/L	0.133	2	60	730	2	KED
	Y	**89**		ug/L			701474	742289	2	Standard
	Kr	**83**		ug/L			317	309	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:52:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	60802	0	Standard
	Cl	**37**		ug/L			6401696	6283178	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1509571	0	Standard
|	**Na**	**23**	**588.608**	ug/L	4.012	0	21234	9878482	1	Standard
|	**Mg**	**24**	**464.247**	ug/L	3.001	0	5067	11927969	1	Standard
|	**Al**	**27**	**206.471**	ug/L	1.322	0	9763	4734035	1	Standard
|	**K**	**39**	**451.641**	ug/L	9.071	2	274278	3633031	1	Standard
|	**Ca**	**44**	**4497.506**	ug/L	94.915	2	10543	5529994	1	Standard
|	**Fe**	**54**	**280.398**	ug/L	5.431	1	74398	630962	1	Standard
|	**Fe**	**57**	**275.215**	ug/L	4.361	1	18276	239860	0	Standard
⌊	**Mn**	**55**	**15.109**	ug/L	0.290	1	1222	620568	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	100568	1	KED
|	**Zn**	**66**	**6.862**	ug/L	0.074	1	415	5554	1	KED
⌊	**Zn**	**67**	**6.624**	ug/L	0.467	7	60	874	5	KED
	Y	**89**		ug/L			701474	741578	1	Standard
	Kr	**83**		ug/L			317	318	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 18:59:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	29256	0	Standard
	Cl	**37**		ug/L			6401696	6449093	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1447895	0	Standard
|	**Na**	**23**	**-0.144**	ug/L	0.011	7	21234	19308	0	Standard
|	**Mg**	**24**	**-0.063**	ug/L	0.001	1	5067	3596	1	Standard
|	**Al**	**27**	**-0.198**	ug/L	0.003	1	9763	5591	1	Standard
|	**K**	**39**	**-0.777**	ug/L	0.063	8	274278	273680	0	Standard
|	**Ca**	**44**	**-1.308**	ug/L	0.129	9	10543	9192	1	Standard
|	**Fe**	**54**	**-0.114**	ug/L	0.366	319	74398	75518	1	Standard
|	**Fe**	**57**	**-2.039**	ug/L	0.115	5	18276	17037	0	Standard
⌊	**Mn**	**55**	**-0.004**	ug/L	0.001	17	1222	1075	2	Standard
⌈>	**Ge**	**72**		ug/L			98450	98390	0	KED
|	**Zn**	**66**	**-0.116**	ug/L	0.028	24	415	330	6	KED
⌊	**Zn**	**67**	**-0.169**	ug/L	0.032	18	60	40	9	KED
	Y	**89**		ug/L			701474	724147	0	Standard
	Kr	**83**		ug/L			317	279	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:03:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	32686	0	Standard
	Cl	**37**		ug/L			6401696	6802999	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1465191	1	Standard
|	**Na**	**23**	**4899.639**	ug/L	73.675	1	21234	79641269	0	Standard
|	**Mg**	**24**	**5116.659**	ug/L	149.038	2	5067	127531530	2	Standard
|	**Al**	**27**	**5012.920**	ug/L	24.987	0	9763	111318107	1	Standard
|	**K**	**39**	**4886.478**	ug/L	92.300	1	274278	35375164	0	Standard
|	**Ca**	**44**	**5221.451**	ug/L	67.252	1	10543	6229664	0	Standard
|	**Fe**	**54**	**5064.129**	ug/L	53.647	1	74398	9753079	0	Standard
|	**Fe**	**57**	**5061.787**	ug/L	24.312	0	18276	3954793	1	Standard
⌊	**Mn**	**55**	**50.429**	ug/L	0.887	1	1222	2007327	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	99076	1	KED
|	**Zn**	**66**	**50.507**	ug/L	0.707	1	415	37617	0	KED
⌊	**Zn**	**67**	**51.563**	ug/L	0.594	1	60	6295	0	KED
	Y	**89**		ug/L			701474	740684	1	Standard
	Kr	**83**		ug/L			317	309	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:09:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	26470	3	Standard
	Cl	**37**		ug/L			6401696	6584732	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1434390	1	Standard
|	**Na**	**23**	**0.161**	ug/L	0.047	28	21234	23975	3	Standard
|	**Mg**	**24**	**0.148**	ug/L	0.047	31	5067	8718	13	Standard
|	**Al**	**27**	**0.137**	ug/L	0.030	22	9763	12831	5	Standard
|	**K**	**39**	**1.073**	ug/L	0.536	49	274278	284108	0	Standard
|	**Ca**	**44**	**-0.549**	ug/L	0.294	53	10543	9989	2	Standard
|	**Fe**	**54**	**-0.280**	ug/L	0.374	133	74398	74496	0	Standard
|	**Fe**	**57**	**0.891**	ug/L	0.410	45	18276	19105	0	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	494	1222	1226	2	Standard
⌈>	**Ge**	**72**		ug/L			98450	96294	1	KED
|	**Zn**	**66**	**-0.093**	ug/L	0.034	36	415	339	5	KED
⌊	**Zn**	**67**	**0.012**	ug/L	0.107	907	60	60	20	KED
	Y	**89**		ug/L			701474	721254	0	Standard
	Kr	**83**		ug/L			317	300	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-02
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:13:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	61465	1	Standard
	Cl	**37**		ug/L			6401696	6368126	1	Standard
>	**Sc**	**45**		ug/L			1422396	1527877	0	Standard
	Na	**23**	**606.235**	ug/L	3.817	0	21234	10296594	0	Standard
	Mg	**24**	**414.321**	ug/L	5.191	1	5067	10774073	0	Standard
	Al	**27**	**124.924**	ug/L	2.107	1	9763	2903100	1	Standard
	K	**39**	**390.067**	ug/L	7.225	1	274278	3215988	0	Standard
	Ca	**44**	**4265.160**	ug/L	73.797	1	10543	5309114	1	Standard
	Fe	**54**	**170.220**	ug/L	2.883	1	74398	419089	0	Standard
	Fe	**57**	**174.044**	ug/L	3.860	2	18276	160739	1	Standard
	Mn	**55**	**9.878**	ug/L	0.055	0	1222	411122	0	Standard
>	**Ge**	**72**		ug/L			98450	100841	0	KED
	Zn	**66**	**4.466**	ug/L	0.056	1	415	3773	1	KED
	Zn	**67**	**4.441**	ug/L	0.432	9	60	608	8	KED
	Y	**89**		ug/L			701474	751274	0	Standard
	Kr	**83**		ug/L			317	293	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-06
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:16:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	65301	0	Standard
	Cl	**37**		ug/L			6401696	6332512	1	Standard
>	**Sc**	**45**		ug/L			1422396	1504029	0	Standard
	Na	**23**	**597.891**	ug/L	9.033	1	21234	9997121	1	Standard
	Mg	**24**	**432.205**	ug/L	7.703	1	5067	11063715	1	Standard
	Al	**27**	**122.280**	ug/L	2.972	2	9763	2797339	2	Standard
	K	**39**	**409.165**	ug/L	2.869	0	274278	3306976	1	Standard
	Ca	**44**	**4322.176**	ug/L	27.116	0	10543	5296119	1	Standard
	Fe	**54**	**185.300**	ug/L	2.485	1	74398	442133	0	Standard
	Fe	**57**	**185.323**	ug/L	1.660	0	18276	167244	0	Standard
	Mn	**55**	**10.168**	ug/L	0.114	1	1222	416546	0	Standard
>	**Ge**	**72**		ug/L			98450	102668	1	KED
	Zn	**66**	**4.273**	ug/L	0.059	1	415	3695	2	KED
	Zn	**67**	**4.307**	ug/L	0.393	9	60	603	9	KED
	Y	**89**		ug/L			701474	744400	1	Standard
	Kr	**83**		ug/L			317	314	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-07
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:20:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	63529	0	Standard
	Cl	**37**		ug/L			6401696	6319912	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1520270	1	Standard
|	**Na**	**23**	**578.463**	ug/L	4.903	0	21234	9776757	0	Standard
|	**Mg**	**24**	**447.629**	ug/L	7.088	1	5067	11581823	1	Standard
|	**Al**	**27**	**232.217**	ug/L	2.000	0	9763	5360635	1	Standard
|	**K**	**39**	**391.185**	ug/L	8.165	2	274278	3208366	1	Standard
|	**Ca**	**44**	**4233.816**	ug/L	92.477	2	10543	5243055	1	Standard
|	**Fe**	**54**	**293.583**	ug/L	3.526	1	74398	661672	2	Standard
|	**Fe**	**57**	**289.745**	ug/L	1.533	0	18276	253297	0	Standard
⌊	**Mn**	**55**	**12.654**	ug/L	0.149	1	1222	523664	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	103862	0	KED
|	**Zn**	**66**	**5.016**	ug/L	0.185	3	415	4311	3	KED
⌊	**Zn**	**67**	**4.896**	ug/L	0.397	8	60	684	7	KED
	Y	**89**		ug/L			701474	742092	1	Standard
	Kr	**83**		ug/L			317	311	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-10
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:23:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	65274	1	Standard
	Cl	**37**		ug/L			6401696	6369958	2	Standard
>	**Sc**	**45**		ug/L			1422396	1512575	1	Standard
	Na	**23**	**595.999**	ug/L	10.162	1	21234	10020162	0	Standard
	Mg	**24**	**449.813**	ug/L	9.172	2	5067	11577341	0	Standard
	Al	**27**	**210.095**	ug/L	3.491	1	9763	4825471	0	Standard
	K	**39**	**414.230**	ug/L	9.906	2	274278	3362539	1	Standard
	Ca	**44**	**4373.668**	ug/L	80.042	1	10543	5388807	1	Standard
	Fe	**54**	**277.237**	ug/L	2.111	0	74398	625985	1	Standard
	Fe	**57**	**273.519**	ug/L	2.245	0	18276	238985	1	Standard
	Mn	**55**	**14.618**	ug/L	0.066	0	1222	601724	2	Standard
>	**Ge**	**72**		ug/L			98450	100631	0	KED
	Zn	**66**	**5.464**	ug/L	0.184	3	415	4512	3	KED
	Zn	**67**	**5.205**	ug/L	0.213	4	60	700	3	KED
	Y	**89**		ug/L			701474	741643	1	Standard
	Kr	**83**		ug/L			317	337	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-11
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:26:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	64998	0	Standard
	Cl	**37**		ug/L			6401696	6420992	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1544498	1	Standard
|	**Na**	**23**	**560.435**	ug/L	14.267	2	21234	9621558	1	Standard
|	**Mg**	**24**	**430.799**	ug/L	6.970	1	5067	11322723	0	Standard
|	**Al**	**27**	**157.523**	ug/L	3.283	2	9763	3697198	1	Standard
|	**K**	**39**	**376.277**	ug/L	11.287	2	274278	3145856	1	Standard
|	**Ca**	**44**	**4201.850**	ug/L	77.310	1	10543	5286278	0	Standard
|	**Fe**	**54**	**213.035**	ug/L	5.109	2	74398	509803	0	Standard
|	**Fe**	**57**	**215.755**	ug/L	3.756	1	18276	196667	1	Standard
⌊	**Mn**	**55**	**8.959**	ug/L	0.177	1	1222	376984	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	104327	2	KED
|	**Zn**	**66**	**4.225**	ug/L	0.176	4	415	3716	3	KED
⌊	**Zn**	**67**	**4.458**	ug/L	0.209	4	60	631	2	KED
	Y	**89**		ug/L			701474	760695	0	Standard
	Kr	**83**		ug/L			317	310	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-13
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:30:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27108	62936	0	Standard
Cl	37		ug/L			6401696	6371724	1	Standard
> Sc	45		ug/L			1422396	1540379	0	Standard
Na	23	960.947	ug/L	6.974	0	21234	16441333	0	Standard
Mg	24	751.515	ug/L	8.146	1	5067	19699487	1	Standard
Al	27	106.765	ug/L	0.536	0	9763	2502876	0	Standard
K	39	633.242	ug/L	10.615	1	274278	5078615	1	Standard
Ca	44	5543.950	ug/L	92.256	1	10543	6954424	2	Standard
Fe	54	126.723	ug/L	3.126	2	74398	335152	1	Standard
Fe	57	130.572	ug/L	3.285	2	18276	126521	1	Standard
Mn	55	6.123	ug/L	0.066	1	1222	257452	1	Standard
> Ge	72		ug/L			98450	102845	1	KED
Zn	66	5.700	ug/L	0.173	3	415	4791	2	KED
Zn	67	5.452	ug/L	0.308	5	60	747	4	KED
Y	89		ug/L			701474	755299	1	Standard
Kr	83		ug/L			317	295	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-15
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:33:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27108	61299	1	Standard
Cl	37		ug/L			6401696	6441329	1	Standard
> Sc	45		ug/L			1422396	1569610	0	Standard
Na	23	1267.321	ug/L	28.326	2	21234	22087647	2	Standard
Mg	24	1651.054	ug/L	35.066	2	5067	44087034	1	Standard
Al	27	225.025	ug/L	4.458	1	9763	5363729	2	Standard
K	39	931.494	ug/L	10.965	1	274278	7469827	0	Standard
Ca	44	13558.711	ug/L	126.059	0	10543	17312917	1	Standard
Fe	54	189.832	ug/L	5.037	2	74398	470644	1	Standard
Fe	57	209.274	ug/L	4.149	1	18276	194486	1	Standard
Mn	55	101.768	ug/L	1.546	1	1222	4338721	1	Standard
> Ge	72		ug/L			98450	101913	2	KED
Zn	66	10.291	ug/L	0.188	1	415	8229	3	KED
Zn	67	10.568	ug/L	0.313	2	60	1376	0	KED
Y	89		ug/L			701474	791000	1	Standard
Kr	83		ug/L			317	325	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-16
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:37:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	56387	0	Standard
	Cl	**37**		ug/L			6401696	6386486	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1471363	0	Standard
|	**Na**	**23**	**1108.108**	ug/L	12.502	1	21234	18106162	0	Standard
|	**Mg**	**24**	**1264.037**	ug/L	27.491	2	5067	31643633	1	Standard
|	**Al**	**27**	**18.556**	ug/L	0.076	0	9763	423866	0	Standard
|	**K**	**39**	**715.374**	ug/L	8.123	1	274278	5443741	1	Standard
|	**Ca**	**44**	**11930.929**	ug/L	41.570	0	10543	14282094	0	Standard
|	**Fe**	**54**	**20.613**	ug/L	1.203	5	74398	116509	1	Standard
|	**Fe**	**57**	**39.719**	ug/L	0.738	1	18276	49922	1	Standard
⌊	**Mn**	**55**	**3.331**	ug/L	0.071	2	1222	134361	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	99941	2	KED
|	**Zn**	**66**	**3.732**	ug/L	0.164	4	415	3195	5	KED
⌊	**Zn**	**67**	**4.035**	ug/L	0.224	5	60	553	2	KED
	Y	**89**		ug/L			701474	727461	1	Standard
	Kr	**83**		ug/L			317	307	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-18
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:42:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	56514	0	Standard
	Cl	**37**		ug/L			6401696	6346576	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1494552	0	Standard
|	**Na**	**23**	**2206.292**	ug/L	20.428	0	21234	36596619	0	Standard
|	**Mg**	**24**	**2370.833**	ug/L	44.613	1	5067	60281601	1	Standard
|	**Al**	**27**	**258.449**	ug/L	6.741	2	9763	5864469	3	Standard
|	**K**	**39**	**3506.628**	ug/L	10.870	0	274278	25980641	0	Standard
|	**Ca**	**44**	**21136.835**	ug/L	424.394	2	10543	25692973	2	Standard
|	**Fe**	**54**	**13.573**	ug/L	0.076	0	74398	104629	0	Standard
|	**Fe**	**57**	**54.504**	ug/L	2.784	5	18276	62434	3	Standard
⌊	**Mn**	**55**	**32.779**	ug/L	0.388	1	1222	1331549	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	97571	0	KED
|	**Zn**	**66**	**85.301**	ug/L	1.538	1	415	62284	1	KED
⌊	**Zn**	**67**	**80.999**	ug/L	1.964	2	60	9705	1	KED
	Y	**89**		ug/L			701474	742417	1	Standard
	Kr	**83**		ug/L			317	305	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:49:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	29104	2	Standard
	Cl	**37**		ug/L			6401696	6670905	2	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1409167	1	Standard
|	**Na**	**23**	**-0.122**	ug/L	0.030	24	21234	19128	1	Standard
|	**Mg**	**24**	**-0.035**	ug/L	0.002	6	5067	4174	2	Standard
|	**Al**	**27**	**-0.150**	ug/L	0.069	45	9763	6464	21	Standard
|	**K**	**39**	**0.399**	ug/L	0.355	88	274278	274465	0	Standard
|	**Ca**	**44**	**-1.121**	ug/L	0.201	17	10543	9160	1	Standard
|	**Fe**	**54**	**-0.049**	ug/L	0.604	1230	74398	73607	0	Standard
|	**Fe**	**57**	**-0.929**	ug/L	0.957	103	18276	17405	2	Standard
⌊	**Mn**	**55**	**-0.004**	ug/L	0.002	37	1222	1056	5	Standard
⌈>	**Ge**	**72**		ug/L			98450	95834	0	KED
|	**Zn**	**66**	**-0.149**	ug/L	0.043	29	415	298	10	KED
⌊	**Zn**	**67**	**-0.052**	ug/L	0.105	202	60	52	24	KED
	Y	**89**		ug/L			701474	714784	0	Standard
	Kr	**83**		ug/L			317	311	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:52:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	31865	0	Standard
	Cl	**37**		ug/L			6401696	6792376	0	Standard
>	**Sc**	**45**		ug/L			1422396	1429518	0	Standard
	Na	**23**	**5029.130**	ug/L	10.038	0	21234	79765546	0	Standard
	Mg	**24**	**5291.323**	ug/L	59.201	1	5067	128685699	1	Standard
	Al	**27**	**5074.269**	ug/L	49.428	0	9763	109940828	1	Standard
	K	**39**	**4941.505**	ug/L	65.550	1	274278	34906341	1	Standard
	Ca	**44**	**5455.695**	ug/L	36.279	0	10543	6350946	0	Standard
	Fe	**54**	**5175.655**	ug/L	29.909	0	74398	9724311	0	Standard
	Fe	**57**	**5143.805**	ug/L	60.447	1	18276	3920655	1	Standard
	Mn	**55**	**50.890**	ug/L	0.528	1	1222	1976646	1	Standard
>	**Ge**	**72**		ug/L			98450	99686	0	KED
	Zn	**66**	**49.853**	ug/L	0.430	0	415	37367	0	KED
	Zn	**67**	**51.653**	ug/L	0.201	0	60	6346	0	KED
	Y	**89**		ug/L			701474	715120	1	Standard
	Kr	**83**		ug/L			317	335	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 19:58:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	26995	0	Standard
	Cl	**37**		ug/L			6401696	6558411	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1418479	0	Standard
|	**Na**	**23**	**0.033**	ug/L	0.031	93	21234	21700	1	Standard
|	**Mg**	**24**	**0.046**	ug/L	0.009	20	5067	6153	2	Standard
|	**Al**	**27**	**0.029**	ug/L	0.009	31	9763	10357	1	Standard
|	**K**	**39**	**1.200**	ug/L	0.117	9	274278	281869	0	Standard
|	**Ca**	**44**	**-0.684**	ug/L	0.190	27	10543	9725	2	Standard
|	**Fe**	**54**	**-0.043**	ug/L	0.197	458	74398	74114	0	Standard
|	**Fe**	**57**	**0.992**	ug/L	0.305	30	18276	18972	1	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	76	1222	1185	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	98430	1	KED
|	**Zn**	**66**	**-0.079**	ug/L	0.038	48	415	357	6	KED
⌊	**Zn**	**67**	**0.010**	ug/L	0.139	1397	60	61	28	KED
	Y	**89**		ug/L			701474	703716	1	Standard
	Kr	**83**		ug/L			317	297	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-19
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:02:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	60555	1	Standard
	Cl	**37**		ug/L			6401696	6411515	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1526571	0	Standard
|	**Na**	**23**	**1690.396**	ug/L	23.693	1	21234	28644280	0	Standard
|	**Mg**	**24**	**1646.216**	ug/L	14.239	0	5067	42756764	0	Standard
|	**Al**	**27**	**9.136**	ug/L	0.062	0	9763	221841	1	Standard
|	**K**	**39**	**2983.903**	ug/L	57.316	1	274278	22623156	1	Standard
|	**Ca**	**44**	**16940.244**	ug/L	359.093	2	10543	21032727	1	Standard
|	**Fe**	**54**	**244.090**	ug/L	2.045	0	74398	565827	0	Standard
|	**Fe**	**57**	**271.112**	ug/L	6.521	2	18276	239235	1	Standard
⌊	**Mn**	**55**	**0.612**	ug/L	0.001	0	1222	26685	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	100826	1	KED
|	**Zn**	**66**	**14.966**	ug/L	0.199	1	415	11644	2	KED
⌊	**Zn**	**67**	**16.269**	ug/L	0.754	4	60	2064	5	KED
	Y	**89**		ug/L			701474	732256	0	Standard
	Kr	**83**		ug/L			317	308	19	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-22
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:05:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	63504	0	Standard
	Cl	**37**		ug/L			6401696	6464764	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1475064	0	Standard
|	**Na**	**23**	**584.829**	ug/L	12.513	2	21234	9590270	1	Standard
|	**Mg**	**24**	**420.898**	ug/L	4.370	1	5067	10567074	0	Standard
|	**Al**	**27**	**217.853**	ug/L	3.610	1	9763	4879954	1	Standard
|	**K**	**39**	**385.721**	ug/L	10.334	2	274278	3073535	2	Standard
|	**Ca**	**44**	**3946.945**	ug/L	74.939	1	10543	4743903	1	Standard
|	**Fe**	**54**	**281.690**	ug/L	6.214	2	74398	619068	1	Standard
|	**Fe**	**57**	**274.906**	ug/L	3.138	1	18276	234149	0	Standard
⌊	**Mn**	**55**	**7.439**	ug/L	0.087	1	1222	299227	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	101099	0	KED
|	**Zn**	**66**	**3.805**	ug/L	0.166	4	415	3286	3	KED
⌊	**Zn**	**67**	**3.861**	ug/L	0.280	7	60	538	6	KED
	Y	**89**		ug/L			701474	740541	1	Standard
	Kr	**83**		ug/L			317	301	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-24
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:08:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	63802	1	Standard
	Cl	**37**		ug/L			6401696	6373938	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1479200	2	Standard
|	**Na**	**23**	**539.247**	ug/L	19.563	3	21234	8864828	1	Standard
|	**Mg**	**24**	**386.578**	ug/L	9.280	2	5067	9730215	1	Standard
|	**Al**	**27**	**177.504**	ug/L	0.783	0	9763	3989478	2	Standard
|	**K**	**39**	**371.312**	ug/L	3.790	1	274278	2977698	2	Standard
|	**Ca**	**44**	**3616.693**	ug/L	138.012	3	10543	4358191	2	Standard
|	**Fe**	**54**	**227.772**	ug/L	5.962	2	74398	516616	0	Standard
|	**Fe**	**57**	**221.084**	ug/L	4.387	1	18276	192509	0	Standard
⌊	**Mn**	**55**	**6.303**	ug/L	0.145	2	1222	254367	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	102521	1	KED
|	**Zn**	**66**	**3.774**	ug/L	0.043	1	415	3308	1	KED
⌊	**Zn**	**67**	**4.130**	ug/L	0.134	3	60	579	3	KED
	Y	**89**		ug/L			701474	732389	0	Standard
	Kr	**83**		ug/L			317	314	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-26
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:12:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	59171	1	Standard
	Cl	**37**		ug/L			6401696	6309723	2	Standard
>	**Sc**	**45**		ug/L			1422396	1453122	2	Standard
	Na	**23**	**584.233**	ug/L	13.360	2	21234	9435754	1	Standard
	Mg	**24**	**398.185**	ug/L	11.405	2	5067	9844656	0	Standard
	Al	**27**	**160.828**	ug/L	4.689	2	9763	3550381	1	Standard
	K	**39**	**390.223**	ug/L	11.103	2	274278	3058921	0	Standard
	Ca	**44**	**3823.749**	ug/L	152.905	3	10543	4525659	2	Standard
	Fe	**54**	**218.143**	ug/L	9.460	4	74398	489178	1	Standard
	Fe	**57**	**214.141**	ug/L	5.619	2	18276	183758	1	Standard
	Mn	**55**	**6.352**	ug/L	0.139	2	1222	251804	0	Standard
>	**Ge**	**72**		ug/L			98450	99992	2	KED
	Zn	**66**	**4.025**	ug/L	0.054	1	415	3413	1	KED
	Zn	**67**	**3.901**	ug/L	0.168	4	60	537	2	KED
	Y	**89**		ug/L			701474	725991	0	Standard
	Kr	**83**		ug/L			317	316	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-29
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:15:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	58964	0	Standard
	Cl	**37**		ug/L			6401696	6361035	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1459963	1	Standard
|	**Na**	**23**	**600.616**	ug/L	15.226	2	21234	9745194	0	Standard
|	**Mg**	**24**	**437.460**	ug/L	6.417	1	5067	10869963	2	Standard
|	**Al**	**27**	**63.138**	ug/L	0.858	1	9763	1406798	1	Standard
|	**K**	**39**	**397.284**	ug/L	8.399	2	274278	3124271	0	Standard
|	**Ca**	**44**	**4723.444**	ug/L	49.778	1	10543	5616705	1	Standard
|	**Fe**	**54**	**79.049**	ug/L	2.291	2	74398	226827	0	Standard
|	**Fe**	**57**	**80.314**	ug/L	3.973	4	18276	80967	3	Standard
⌊	**Mn**	**55**	**1.805**	ug/L	0.022	1	1222	72812	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	99289	0	KED
|	**Zn**	**66**	**6.023**	ug/L	0.262	4	415	4864	4	KED
⌊	**Zn**	**67**	**5.816**	ug/L	0.127	2	60	765	2	KED
	Y	**89**		ug/L			701474	729097	1	Standard
	Kr	**83**		ug/L			317	306	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-30
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:18:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	61600	1	Standard
	Cl	**37**		ug/L			6401696	6346391	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1472955	1	Standard
|	**Na**	**23**	**596.259**	ug/L	4.087	0	21234	9764432	2	Standard
|	**Mg**	**24**	**423.165**	ug/L	5.634	1	5067	10608439	1	Standard
|	**Al**	**27**	**39.696**	ug/L	0.722	1	9763	896154	1	Standard
|	**K**	**39**	**455.236**	ug/L	8.739	1	274278	3570648	0	Standard
|	**Ca**	**44**	**4412.531**	ug/L	177.471	4	10543	5293707	3	Standard
|	**Fe**	**54**	**71.225**	ug/L	2.146	3	74398	213877	2	Standard
|	**Fe**	**57**	**73.613**	ug/L	2.188	2	18276	76452	0	Standard
⌊	**Mn**	**55**	**10.270**	ug/L	0.130	1	1222	412016	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	100484	0	KED
|	**Zn**	**66**	**8.587**	ug/L	0.205	2	415	6839	2	KED
⌊	**Zn**	**67**	**8.839**	ug/L	0.259	2	60	1145	1	KED
	Y	**89**		ug/L			701474	721109	2	Standard
	Kr	**83**		ug/L			317	290	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-33
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:22:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27108	62834	0	Standard
	Cl	37		ug/L			6401696	6209473	0	Standard
>	Sc	45		ug/L			1422396	1446500	1	Standard
	Na	23	2700.267	ug/L	21.059	0	21234	43344999	1	Standard
	Mg	24	4255.074	ug/L	5.838	0	5067	104713872	1	Standard
	Al	27	62.790	ug/L	0.550	0	9763	1386319	1	Standard
	K	39	1872.592	ug/L	22.366	1	274278	13556275	0	Standard
	Ca	44	28892.241	ug/L	940.837	3	10543	33977434	2	Standard
	Fe	54	340.728	ug/L	5.432	1	74398	718411	1	Standard
	Fe	57	388.566	ug/L	4.352	1	18276	316892	2	Standard
	Mn	55	4.405	ug/L	0.041	0	1222	174269	2	Standard
>	Ge	72		ug/L			98450	96495	1	KED
	Zn	66	22.191	ug/L	0.457	2	415	16322	0	KED
	Zn	67	23.015	ug/L	0.592	2	60	2769	1	KED
	Y	89		ug/L			701474	697747	0	Standard
	Kr	83		ug/L			317	290	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-34
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:26:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	60094	1	Standard
	Cl	**37**		ug/L			6401696	6329837	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1432989	2	Standard
|	**Na**	**23**	**1348.196**	ug/L	34.203	2	21234	21441885	0	Standard
|	**Mg**	**24**	**2155.559**	ug/L	60.331	2	5067	52529815	0	Standard
|	**Al**	**27**	**36.907**	ug/L	0.308	0	9763	811241	1	Standard
|	**K**	**39**	**1179.408**	ug/L	30.986	2	274278	8557975	0	Standard
|	**Ca**	**44**	**15838.384**	ug/L	734.864	4	10543	18447418	2	Standard
|	**Fe**	**54**	**37.668**	ug/L	1.894	5	74398	145295	0	Standard
|	**Fe**	**57**	**68.346**	ug/L	2.422	3	18276	70358	0	Standard
⌊	**Mn**	**55**	**2.027**	ug/L	0.047	2	1222	80075	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	99581	2	KED
|	**Zn**	**66**	**8.601**	ug/L	0.274	3	415	6787	3	KED
⌊	**Zn**	**67**	**8.866**	ug/L	0.480	5	60	1137	2	KED
	Y	**89**		ug/L			701474	703559	1	Standard
	Kr	**83**		ug/L			317	298	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-36
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:30:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	62632	1	Standard
	Cl	**37**		ug/L			6401696	6617472	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1473693	0	Standard
|	**Na**	**23**	**648.537**	ug/L	6.641	1	21234	10622994	0	Standard
|	**Mg**	**24**	**521.602**	ug/L	2.838	0	5067	13081973	0	Standard
|	**Al**	**27**	**171.560**	ug/L	3.200	1	9763	3841903	2	Standard
|	**K**	**39**	**423.830**	ug/L	10.812	2	274278	3346024	2	Standard
|	**Ca**	**44**	**5236.521**	ug/L	121.095	2	10543	6284941	2	Standard
|	**Fe**	**54**	**229.555**	ug/L	2.664	1	74398	518300	1	Standard
|	**Fe**	**57**	**231.184**	ug/L	3.455	1	18276	199734	0	Standard
⌊	**Mn**	**55**	**12.456**	ug/L	0.101	0	1222	499732	1	Standard
⌈>	**Ge**	**72**		ug/L			98450	100956	1	KED
|	**Zn**	**66**	**5.140**	ug/L	0.129	2	415	4283	1	KED
⌊	**Zn**	**67**	**5.311**	ug/L	0.391	7	60	716	6	KED
	Y	**89**		ug/L			701474	736123	0	Standard
	Kr	**83**		ug/L			317	304	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:37:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	29023	1	Standard
	Cl	**37**		ug/L			6401696	6630824	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1417504	1	Standard
|	**Na**	**23**	**-0.210**	ug/L	0.021	10	21234	17855	1	Standard
|	**Mg**	**24**	**-0.057**	ug/L	0.003	5	5067	3664	2	Standard
|	**Al**	**27**	**-0.193**	ug/L	0.003	1	9763	5583	0	Standard
|	**K**	**39**	**0.234**	ug/L	0.366	155	274278	274949	0	Standard
|	**Ca**	**44**	**-1.587**	ug/L	0.166	10	10543	8677	1	Standard
|	**Fe**	**54**	**-0.327**	ug/L	0.416	127	74398	73532	0	Standard
|	**Fe**	**57**	**-1.748**	ug/L	0.623	35	18276	16897	2	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.001	15	1222	1031	2	Standard
⌈>	**Ge**	**72**		ug/L			98450	96115	0	KED
|	**Zn**	**66**	**-0.146**	ug/L	0.045	30	415	300	10	KED
⌊	**Zn**	**67**	**-0.129**	ug/L	0.089	69	60	43	24	KED
	Y	**89**		ug/L			701474	717892	1	Standard
	Kr	**83**		ug/L			317	321	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:41:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	32026	0	Standard
	Cl	**37**		ug/L			6401696	6897054	1	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1423832	0	Standard
|	**Na**	**23**	**5023.959**	ug/L	69.319	1	21234	79359416	0	Standard
|	**Mg**	**24**	**5244.033**	ug/L	116.823	2	5067	127014570	1	Standard
|	**Al**	**27**	**5236.924**	ug/L	41.508	0	9763	113007153	0	Standard
|	**K**	**39**	**5012.687**	ug/L	59.557	1	274278	35262847	1	Standard
|	**Ca**	**44**	**5405.560**	ug/L	11.642	0	10543	6267580	0	Standard
|	**Fe**	**54**	**5190.176**	ug/L	84.131	1	74398	9711726	0	Standard
|	**Fe**	**57**	**5218.895**	ug/L	66.108	1	18276	3961660	1	Standard
⌊	**Mn**	**55**	**51.769**	ug/L	0.528	1	1222	2002682	0	Standard
⌈>	**Ge**	**72**		ug/L			98450	97844	0	KED
|	**Zn**	**66**	**50.813**	ug/L	0.373	0	415	37374	0	KED
⌊	**Zn**	**67**	**50.157**	ug/L	1.342	2	60	6050	3	KED
	Y	**89**		ug/L			701474	720162	1	Standard
	Kr	**83**		ug/L			317	312	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:47:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27108	27052	0	Standard
	Cl	**37**		ug/L			6401696	6739680	0	Standard
⌈>	**Sc**	**45**		ug/L			1422396	1444055	1	Standard
|	**Na**	**23**	**-0.056**	ug/L	0.003	5	21234	20666	0	Standard
|	**Mg**	**24**	**0.020**	ug/L	0.001	7	5067	5624	1	Standard
|	**Al**	**27**	**0.014**	ug/L	0.007	48	9763	10228	2	Standard
|	**K**	**39**	**0.650**	ug/L	0.530	81	274278	283027	0	Standard
|	**Ca**	**44**	**-0.954**	ug/L	0.167	17	10543	9585	3	Standard
|	**Fe**	**54**	**-1.209**	ug/L	0.709	58	74398	73244	0	Standard
|	**Fe**	**57**	**0.688**	ug/L	0.676	98	18276	19078	2	Standard
⌊	**Mn**	**55**	**-0.002**	ug/L	0.001	46	1222	1150	2	Standard
⌈>	**Ge**	**72**		ug/L			98450	98771	0	KED
|	**Zn**	**66**	**-0.025**	ug/L	0.004	17	415	398	1	KED
⌊	**Zn**	**67**	**0.036**	ug/L	0.101	280	60	64	17	KED
	Y	**89**		ug/L			701474	734727	0	Standard
	Kr	**83**		ug/L			317	299	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:50:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				26861	2	Standard
	Cl	**37**		ug/L				6637414	1	Standard
>	**Sc**	**45**		ug/L				1430464	0	Standard
	Na	**23**		ug/L				19930	1	Standard
	Mg	**24**		ug/L				4843	2	Standard
	Al	**27**		ug/L				9328	1	Standard
	K	**39**		ug/L				282458	0	Standard
	Ca	**44**		ug/L				9409	1	Standard
	Fe	**54**		ug/L				72626	0	Standard
	Fe	**57**		ug/L				19150	0	Standard
	Mn	**55**		ug/L				1147	1	Standard
>	**Ge**	**72**		ug/L				103966	0	KED
	Zn	**66**		ug/L				356	7	KED
	Zn	**67**		ug/L				61	18	KED
	Y	**89**		ug/L				721020	1	Standard
	Kr	**83**		ug/L				302	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 20:54:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	31746	0	Standard
	Cl	**37**		ug/L			6637414	6900547	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1460181	0	Standard
|	**Na**	**23**	**4969.216**	ug/L	61.446	1	19930	80498892	0	Standard
|	**Mg**	**24**	**5131.302**	ug/L	154.367	3	4843	127450167	2	Standard
|	**Al**	**27**	**5082.130**	ug/L	115.868	2	9328	112458268	1	Standard
|	**K**	**39**	**4978.931**	ug/L	37.229	0	282458	35927534	0	Standard
|	**Ca**	**44**	**5326.811**	ug/L	63.515	1	9409	6332539	0	Standard
|	**Fe**	**54**	**5118.507**	ug/L	28.203	0	72626	9821628	0	Standard
|	**Fe**	**57**	**5079.333**	ug/L	65.764	1	19150	3955370	0	Standard
⌊	**Mn**	**55**	**50.734**	ug/L	0.763	1	1147	2012632	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	100134	0	KED
|	**Zn**	**66**	**49.591**	ug/L	0.742	1	356	37263	1	KED
⌊	**Zn**	**67**	**50.419**	ug/L	1.317	2	61	6221	1	KED
	Y	**89**		ug/L			721020	736566	0	Standard
	Kr	**83**		ug/L			302	325	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:00:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	27087	0	Standard
	Cl	**37**		ug/L			6637414	6743292	2	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1427316	1	Standard
|	**Na**	**23**	**0.133**	ug/L	0.024	18	19930	21986	1	Standard
|	**Mg**	**24**	**0.051**	ug/L	0.006	12	4843	6058	1	Standard
|	**Al**	**27**	**0.050**	ug/L	0.018	35	9328	10378	3	Standard
|	**K**	**39**	**0.715**	ug/L	0.474	66	282458	286804	0	Standard
|	**Ca**	**44**	**0.056**	ug/L	0.113	200	9409	9452	0	Standard
|	**Fe**	**54**	**0.636**	ug/L	1.058	166	72626	73630	1	Standard
|	**Fe**	**57**	**0.005**	ug/L	0.302	5847	19150	19110	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	117	1147	1185	2	Standard
⌈>	**Ge**	**72**		ug/L			103966	98612	1	KED
|	**Zn**	**66**	**0.076**	ug/L	0.061	79	356	394	10	KED
⌊	**Zn**	**67**	**0.064**	ug/L	0.170	267	61	66	30	KED
	Y	**89**		ug/L			721020	719644	1	Standard
	Kr	**83**		ug/L			302	302	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-38
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:03:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	52591	0	Standard
	Cl	**37**		ug/L			6637414	6532353	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1497273	1	Standard
|	**Na**	**23**	**714.319**	ug/L	2.546	0	19930	11884264	1	Standard
|	**Mg**	**24**	**691.791**	ug/L	7.563	1	4843	17625101	0	Standard
|	**Al**	**27**	**25.690**	ug/L	0.412	1	9328	592668	1	Standard
|	**K**	**39**	**525.114**	ug/L	1.608	0	282458	4150123	1	Standard
|	**Ca**	**44**	**6130.761**	ug/L	84.361	1	9409	7473076	2	Standard
|	**Fe**	**54**	**23.390**	ug/L	0.798	3	72626	121685	0	Standard
|	**Fe**	**57**	**29.426**	ug/L	0.793	2	19150	43424	1	Standard
⌊	**Mn**	**55**	**0.836**	ug/L	0.002	0	1147	35199	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	99829	1	KED
|	**Zn**	**66**	**0.528**	ug/L	0.067	12	356	733	5	KED
⌊	**Zn**	**67**	**0.870**	ug/L	0.069	7	61	165	4	KED
	Y	**89**		ug/L			721020	725911	0	Standard
	Kr	**83**		ug/L			302	307	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-45
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:06:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	54733	0	Standard
	Cl	**37**		ug/L			6637414	6408945	1	Standard
>	**Sc**	**45**		ug/L			1430464	1430159	0	Standard
	Na	**23**	**3266.049**	ug/L	16.842	0	19930	51831464	0	Standard
	Mg	**24**	**8823.585**	ug/L	51.955	0	4843	214686384	0	Standard
	Al	**27**	**3.897**	ug/L	0.130	3	9328	93790	3	Standard
	K	**39**	**2168.502**	ug/L	30.553	1	282458	15486304	1	Standard
	Ca	**44**	**55954.490**	ug/L	1257.896	2	9409	65068852	2	Standard
	Fe	**54**	**10.167**	ug/L	0.465	4	72626	91574	0	Standard
	Fe	**57**	**135.842**	ug/L	1.809	1	19150	122250	1	Standard
	Mn	**55**	**0.358**	ug/L	0.007	2	1147	15062	2	Standard
>	**Ge**	**72**		ug/L			103966	95817	0	KED
	Zn	**66**	**1.253**	ug/L	0.058	4	356	1221	4	KED
	Zn	**67**	**2.180**	ug/L	0.113	5	61	311	4	KED
	Y	**89**		ug/L			721020	693220	1	Standard
	Kr	**83**		ug/L			302	278	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-47
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:10:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	53844	1	Standard
	Cl	**37**		ug/L			6637414	6486274	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1406101	0	Standard
|	**Na**	**23**	**1180.052**	ug/L	10.475	0	19930	18424299	0	Standard
|	**Mg**	**24**	**953.954**	ug/L	9.121	0	4843	22824056	0	Standard
|	**Al**	**27**	**12.377**	ug/L	0.214	1	9328	272898	1	Standard
|	**K**	**39**	**747.511**	ug/L	7.257	0	282458	5430494	1	Standard
|	**Ca**	**44**	**7882.472**	ug/L	16.950	0	9409	9019739	0	Standard
|	**Fe**	**54**	**3.670**	ug/L	0.932	25	72626	78116	1	Standard
|	**Fe**	**57**	**16.920**	ug/L	0.626	3	19150	31449	1	Standard
⌊	**Mn**	**55**	**0.778**	ug/L	0.008	1	1147	30824	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	96550	2	KED
|	**Zn**	**66**	**9.563**	ug/L	0.338	3	356	7194	2	KED
⌊	**Zn**	**67**	**9.380**	ug/L	0.735	7	61	1161	5	KED
	Y	**89**		ug/L			721020	699168	1	Standard
	Kr	**83**		ug/L			302	271	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-48
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:13:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			26861	57816	0	Standard
Cl	37		ug/L			6637414	6529704	0	Standard
Sc	45		ug/L			1430464	1448753	0	Standard
Na	23	1345.675	ug/L	21.227	1	19930	21646037	2	Standard
Mg	24	1818.348	ug/L	24.532	1	4843	44818403	0	Standard
Al	27	6.102	ug/L	0.054	0	9328	143421	1	Standard
K	39	819.143	ug/L	8.266	1	282458	6103825	1	Standard
Ca	44	13307.701	ug/L	59.245	0	9409	15683306	0	Standard
Fe	54	5.906	ug/L	0.829	14	72626	84722	2	Standard
Fe	57	31.269	ug/L	0.698	2	19150	43434	0	Standard
Mn	55	0.082	ug/L	0.002	2	1147	4397	2	Standard
Ge	72		ug/L			103966	95639	1	KED
Zn	66	0.046	ug/L	0.031	67	356	360	6	KED
Zn	67	0.177	ug/L	0.117	65	61	77	18	KED
Y	89		ug/L			721020	698288	0	Standard
Kr	83		ug/L			302	292	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-49
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:16:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	59613	0	Standard
	Cl	**37**		ug/L			6637414	6231920	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1412632	0	Standard
|	**Na**	**23**	**1735.583**	ug/L	26.177	1	19930	27213800	1	Standard
|	**Mg**	**24**	**1344.408**	ug/L	3.187	0	4843	32313582	0	Standard
|	**Al**	**27**	**615.579**	ug/L	7.030	1	9328	13187752	1	Standard
|	**K**	**39**	**1656.204**	ug/L	25.661	1	282458	11748199	1	Standard
|	**Ca**	**44**	**10162.941**	ug/L	61.172	0	9409	11680735	0	Standard
|	**Fe**	**54**	**30.551**	ug/L	0.799	2	72626	128012	1	Standard
|	**Fe**	**57**	**44.967**	ug/L	0.401	0	19150	52621	0	Standard
⌊	**Mn**	**55**	**32.487**	ug/L	0.174	0	1147	1247276	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	96424	2	KED
|	**Zn**	**66**	**132.959**	ug/L	1.891	1	356	95629	1	KED
⌊	**Zn**	**67**	**124.569**	ug/L	0.842	0	61	14719	2	KED
	Y	**89**		ug/L			721020	704122	0	Standard
	Kr	**83**		ug/L			302	313	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-51
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:20:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	63362	1	Standard
	Cl	**37**		ug/L			6637414	6368271	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1377786	1	Standard
|	**Na**	**23**	**1020.387**	ug/L	21.196	2	19930	15609546	0	Standard
|	**Mg**	**24**	**1283.865**	ug/L	40.375	3	4843	30086413	1	Standard
|	**Al**	**27**	**22.556**	ug/L	0.131	0	9328	479936	1	Standard
|	**K**	**39**	**933.951**	ug/L	34.761	3	282458	6577671	1	Standard
|	**Ca**	**44**	**10741.998**	ug/L	295.127	2	9409	12038418	2	Standard
|	**Fe**	**54**	**71.573**	ug/L	1.393	1	72626	198536	0	Standard
|	**Fe**	**57**	**86.042**	ug/L	2.713	3	19150	81335	0	Standard
⌊	**Mn**	**55**	**14.661**	ug/L	0.269	1	1147	549495	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	93868	1	KED
|	**Zn**	**66**	**9.921**	ug/L	0.122	1	356	7246	2	KED
⌊	**Zn**	**67**	**10.120**	ug/L	0.423	4	61	1215	4	KED
	Y	**89**		ug/L			721020	687889	1	Standard
	Kr	**83**		ug/L			302	279	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-53
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:23:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	61125	1	Standard
	Cl	**37**		ug/L			6637414	6302962	0	Standard
>	**Sc**	**45**		ug/L			1430464	1354487	1	Standard
	Na	**23**	**728.276**	ug/L	17.010	2	19930	10959064	1	Standard
	Mg	**24**	**631.500**	ug/L	11.980	1	4843	14554257	0	Standard
	Al	**27**	**141.052**	ug/L	1.275	0	9328	2904350	1	Standard
	K	**39**	**498.157**	ug/L	6.652	1	282458	3574979	0	Standard
	Ca	**44**	**6838.025**	ug/L	107.289	1	9409	7537770	0	Standard
	Fe	**54**	**197.083**	ug/L	1.684	0	72626	416910	0	Standard
	Fe	**57**	**201.248**	ug/L	2.665	1	19150	162800	1	Standard
	Mn	**55**	**16.138**	ug/L	0.151	0	1147	594614	0	Standard
>	**Ge**	**72**		ug/L			103966	95293	1	KED
	Zn	**66**	**5.982**	ug/L	0.101	1	356	4565	2	KED
	Zn	**67**	**6.224**	ug/L	0.156	2	61	780	1	KED
	Y	**89**		ug/L			721020	678158	1	Standard
	Kr	**83**		ug/L			302	300	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-55
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:27:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	56532	1	Standard
	Cl	**37**		ug/L			6637414	6361456	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1355721	0	Standard
|	**Na**	**23**	**853.980**	ug/L	5.659	0	19930	12860469	0	Standard
|	**Mg**	**24**	**1066.463**	ug/L	10.088	0	4843	24600307	0	Standard
|	**Al**	**27**	**334.768**	ug/L	4.498	1	9328	6887165	1	Standard
|	**K**	**39**	**592.922**	ug/L	6.465	1	282458	4208144	0	Standard
|	**Ca**	**44**	**8044.773**	ug/L	93.277	1	9409	8874947	0	Standard
|	**Fe**	**54**	**1205.495**	ug/L	18.773	1	72626	2200194	0	Standard
|	**Fe**	**57**	**1333.948**	ug/L	10.427	0	19150	977924	1	Standard
⌊	**Mn**	**55**	**58.008**	ug/L	1.361	2	1147	2136369	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	94413	0	KED
|	**Zn**	**66**	**24.286**	ug/L	0.656	2	356	17369	2	KED
⌊	**Zn**	**67**	**23.759**	ug/L	0.504	2	61	2793	2	KED
	Y	**89**		ug/L			721020	696965	2	Standard
	Kr	**83**		ug/L			302	294	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-57
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:32:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			26861	55134	1	Standard
Cl	37		ug/L			6637414	6473200	0	Standard
Sc	45		ug/L			1430464	1420488	0	Standard
Na	23	941.970	ug/L	10.907	1	19930	14861529	1	Standard
Mg	24	791.748	ug/L	5.900	0	4843	19137457	0	Standard
Al	27	14.515	ug/L	0.067	0	9328	321735	0	Standard
K	39	734.715	ug/L	17.270	2	282458	5397418	2	Standard
Ca	44	6681.970	ug/L	64.855	0	9409	7725366	0	Standard
Fe	54	12.823	ug/L	0.945	7	72626	95869	1	Standard
Fe	57	22.473	ug/L	0.161	0	19150	35957	0	Standard
Mn	55	0.342	ug/L	0.004	1	1147	14347	0	Standard
Ge	72		ug/L			103966	96142	1	KED
Zn	66	-0.028	ug/L	0.040	144	356	310	10	KED
Zn	67	0.138	ug/L	0.121	87	61	73	18	KED
Y	89		ug/L			721020	707785	0	Standard
Kr	83		ug/L			302	284	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:39:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	28695	0	Standard
	Cl	**37**		ug/L			6637414	6566279	2	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1383684	1	Standard
|	**Na**	**23**	**-0.132**	ug/L	0.027	20	19930	17248	1	Standard
|	**Mg**	**24**	**-0.051**	ug/L	0.007	14	4843	3491	3	Standard
|	**Al**	**27**	**-0.172**	ug/L	0.003	1	9328	5418	1	Standard
|	**K**	**39**	**0.161**	ug/L	0.497	309	282458	274283	0	Standard
|	**Ca**	**44**	**-0.606**	ug/L	0.229	37	9409	8417	1	Standard
|	**Fe**	**54**	**0.940**	ug/L	1.040	110	72626	71932	1	Standard
|	**Fe**	**57**	**-2.740**	ug/L	0.122	4	19150	16511	1	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.000	4	1147	979	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	96631	2	KED
|	**Zn**	**66**	**-0.046**	ug/L	0.012	26	356	298	2	KED
⌊	**Zn**	**67**	**-0.082**	ug/L	0.057	69	61	47	14	KED
	Y	**89**		ug/L			721020	700679	2	Standard
	Kr	**83**		ug/L			302	320	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:42:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	31722	0	Standard
	Cl	**37**		ug/L			6637414	6829386	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1433418	1	Standard
|	**Na**	**23**	**4971.564**	ug/L	48.324	0	19930	79057262	1	Standard
|	**Mg**	**24**	**5271.401**	ug/L	90.939	1	4843	128525518	0	Standard
|	**Al**	**27**	**5204.622**	ug/L	70.403	1	9328	113085005	3	Standard
|	**K**	**39**	**5008.449**	ug/L	118.351	2	282458	35470386	1	Standard
|	**Ca**	**44**	**5352.061**	ug/L	51.807	0	9409	6245509	0	Standard
|	**Fe**	**54**	**5192.041**	ug/L	61.505	1	72626	9778017	0	Standard
|	**Fe**	**57**	**5190.615**	ug/L	92.917	1	19150	3966959	0	Standard
⌊	**Mn**	**55**	**51.377**	ug/L	0.633	1	1147	2000659	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	99882	1	KED
|	**Zn**	**66**	**50.131**	ug/L	1.184	2	356	37562	1	KED
⌊	**Zn**	**67**	**50.706**	ug/L	1.998	3	61	6238	2	KED
	Y	**89**		ug/L			721020	718321	1	Standard
	Kr	**83**		ug/L			302	310	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:48:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	27370	1	Standard
	Cl	**37**		ug/L			6637414	6652426	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1421874	0	Standard
|	**Na**	**23**	**0.034**	ug/L	0.020	58	19930	20352	0	Standard
|	**Mg**	**24**	**0.068**	ug/L	0.007	10	4843	6449	2	Standard
|	**Al**	**27**	**0.072**	ug/L	0.008	11	9328	10816	1	Standard
|	**K**	**39**	**0.223**	ug/L	0.389	174	282458	282299	0	Standard
|	**Ca**	**44**	**0.039**	ug/L	0.199	513	9409	9396	1	Standard
|	**Fe**	**54**	**0.804**	ug/L	0.781	97	72626	73674	1	Standard
|	**Fe**	**57**	**0.059**	ug/L	0.541	923	19150	19081	2	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	97	1147	1169	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	98268	0	KED
|	**Zn**	**66**	**0.068**	ug/L	0.011	15	356	386	2	KED
⌊	**Zn**	**67**	**0.059**	ug/L	0.114	191	61	65	21	KED
	Y	**89**		ug/L			721020	716803	0	Standard
	Kr	**83**		ug/L			302	299	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:52:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26861	48972	1	Standard
	Cl	37		ug/L			6637414	6660783	1	Standard
>	Sc	45		ug/L			1430464	1440487	1	Standard
	Na	23	1.481	ug/L	0.028	1	19930	43732	1	Standard
	Mg	24	0.498	ug/L	0.013	2	4843	17074	2	Standard
	Al	27	1.331	ug/L	0.012	0	9328	38445	1	Standard
	K	39	-0.118	ug/L	0.262	222	282458	283594	0	Standard
	Ca	44	1.829	ug/L	0.059	3	9409	11617	1	Standard
	Fe	54	3.065	ug/L	0.783	25	72626	78883	0	Standard
	Fe	57	-0.651	ug/L	0.448	68	19150	18784	0	Standard
	Mn	55	0.058	ug/L	0.003	4	1147	3418	2	Standard
>	Ge	72		ug/L			103966	100207	1	KED
	Zn	66	-0.098	ug/L	0.066	67	356	270	16	KED
	Zn	67	-0.262	ug/L	0.031	11	61	27	14	KED
	Y	89		ug/L			721020	729560	0	Standard
	Kr	83		ug/L			302	292	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:55:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26861	53041	0	Standard
	Cl	37		ug/L			6637414	6921728	0	Standard
>	Sc	45		ug/L			1430464	1454930	1	Standard
	Na	23	5055.973	ug/L	67.537	1	19930	81602759	0	Standard
	Mg	24	5253.261	ug/L	113.934	2	4843	130005799	1	Standard
	Al	27	5258.363	ug/L	53.753	1	9328	115944066	1	Standard
	K	39	5060.072	ug/L	63.340	1	282458	36372749	0	Standard
	Ca	44	5449.254	ug/L	157.085	2	9409	6452974	1	Standard
	Fe	54	5243.532	ug/L	107.325	2	72626	10021319	0	Standard
	Fe	57	5224.650	ug/L	141.650	2	19150	4052232	0	Standard
	Mn	55	28.701	ug/L	0.628	2	1147	1134786	0	Standard
>	Ge	72		ug/L			103966	100525	1	KED
	Zn	66	78.608	ug/L	1.319	1	356	59081	0	KED
	Zn	67	75.532	ug/L	2.679	3	61	9328	4	KED
	Y	89		ug/L			721020	723667	0	Standard
	Kr	83		ug/L			302	304	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 21:58:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			26861	49980	1	Standard
Cl	37		ug/L			6637414	6785535	0	Standard
> Sc	45		ug/L			1430464	1438329	1	Standard
Na	23	4.059	ug/L	0.128	3	19930	84789	1	Standard
Mg	24	0.829	ug/L	0.064	7	4843	25149	4	Standard
Al	27	2.074	ug/L	0.049	2	9328	54577	1	Standard
K	39	1.394	ug/L	0.710	50	282458	293791	0	Standard
Ca	44	7.354	ug/L	0.323	4	9409	18057	1	Standard
Fe	54	4.065	ug/L	0.812	19	72626	80638	1	Standard
Fe	57	-0.447	ug/L	0.692	154	19150	18909	1	Standard
Mn	55	0.492	ug/L	0.007	1	1147	20359	0	Standard
> Ge	72		ug/L			103966	100240	1	KED
Zn	66	-0.093	ug/L	0.023	24	356	274	6	KED
Zn	67	-0.049	ug/L	0.012	24	61	53	3	KED
Y	89		ug/L			721020	723336	1	Standard
Kr	83		ug/L			302	307	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:02:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26861	57305	1	Standard
	Cl	37		ug/L			6637414	6940273	0	Standard
>	Sc	45		ug/L			1430464	1439479	0	Standard
	Na	23	5239.842	ug/L	95.638	1	19930	83683292	1	Standard
	Mg	24	5489.239	ug/L	72.819	1	4843	134426943	1	Standard
	Al	27	5452.585	ug/L	60.826	1	9328	118959600	1	Standard
	K	39	5360.906	ug/L	137.089	2	282458	38113395	2	Standard
	Ca	44	5632.288	ug/L	76.200	1	9409	6600470	1	Standard
	Fe	54	5474.447	ug/L	66.613	1	72626	10350830	1	Standard
	Fe	57	5461.258	ug/L	100.279	1	19150	4191221	1	Standard
	Mn	55	30.180	ug/L	0.519	1	1147	1180800	1	Standard
>	Ge	72		ug/L			103966	99633	0	KED
	Zn	66	81.515	ug/L	0.600	0	356	60722	0	KED
	Zn	67	77.489	ug/L	1.151	1	61	9482	1	KED
	Y	89		ug/L			721020	722088	2	Standard
	Kr	83		ug/L			302	320	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-24
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:05:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	50497	0	Standard
	Cl	**37**		ug/L			6637414	6720160	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1455744	0	Standard
|	**Na**	**23**	**5.967**	ug/L	0.089	1	19930	116633	0	Standard
|	**Mg**	**24**	**1.536**	ug/L	0.043	2	4843	42976	2	Standard
|	**Al**	**27**	**4.197**	ug/L	0.050	1	9328	102076	0	Standard
|	**K**	**39**	**2.031**	ug/L	0.578	28	282458	301926	0	Standard
|	**Ca**	**44**	**12.263**	ug/L	0.485	3	9409	24086	1	Standard
|	**Fe**	**54**	**13.287**	ug/L	0.383	2	72626	99137	0	Standard
|	**Fe**	**57**	**1.591**	ug/L	0.526	33	19150	20719	2	Standard
⌊	**Mn**	**55**	**0.086**	ug/L	0.002	2	1147	4554	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	100965	1	KED
|	**Zn**	**66**	**0.506**	ug/L	0.012	2	356	726	2	KED
⌊	**Zn**	**67**	**0.412**	ug/L	0.257	62	61	110	28	KED
	Y	**89**		ug/L			721020	742057	1	Standard
	Kr	**83**		ug/L			302	291	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-30
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:08:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	48507	0	Standard
	Cl	**37**		ug/L			6637414	6715916	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1490928	1	Standard
|	**Na**	**23**	**2.814**	ug/L	0.079	2	19930	67298	1	Standard
|	**Mg**	**24**	**0.952**	ug/L	0.047	4	4843	29192	3	Standard
|	**Al**	**27**	**2.014**	ug/L	0.024	1	9328	55225	2	Standard
|	**K**	**39**	**-0.083**	ug/L	0.630	755	282458	293752	0	Standard
|	**Ca**	**44**	**4.784**	ug/L	0.271	5	9409	15603	1	Standard
|	**Fe**	**54**	**11.572**	ug/L	1.087	9	72626	98188	1	Standard
|	**Fe**	**57**	**1.124**	ug/L	1.023	91	19150	20841	2	Standard
⌊	**Mn**	**55**	**0.067**	ug/L	0.001	2	1147	3890	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	100454	1	KED
|	**Zn**	**66**	**0.028**	ug/L	0.029	102	356	365	6	KED
⌊	**Zn**	**67**	**0.033**	ug/L	0.041	124	61	63	6	KED
	Y	**89**		ug/L			721020	728605	2	Standard
	Kr	**83**		ug/L			302	299	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-07
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:12:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	54918	1	Standard
	Cl	**37**		ug/L			6637414	6624115	1	Standard
>	**Sc**	**45**		ug/L			1430464	1466018	1	Standard
	Na	**23**	**33.421**	ug/L	0.033	0	19930	563899	1	Standard
	Mg	**24**	**3.375**	ug/L	0.013	0	4843	89131	0	Standard
	Al	**27**	**1.853**	ug/L	0.041	2	9328	50725	2	Standard
	K	**39**	**9.773**	ug/L	0.629	6	282458	359682	0	Standard
	Ca	**44**	**26.785**	ug/L	0.583	2	9409	41561	0	Standard
	Fe	**54**	**9.390**	ug/L	0.860	9	72626	92375	0	Standard
	Fe	**57**	**0.870**	ug/L	0.465	53	19150	20302	1	Standard
	Mn	**55**	**0.075**	ug/L	0.002	3	1147	4176	1	Standard
>	**Ge**	**72**		ug/L			103966	100672	0	KED
	Zn	**66**	**0.016**	ug/L	0.020	125	356	357	4	KED
	Zn	**67**	**-0.010**	ug/L	0.042	430	61	58	8	KED
	Y	**89**		ug/L			721020	728810	1	Standard
	Kr	**83**		ug/L			302	303	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-58
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:15:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	59064	0	Standard
	Cl	**37**		ug/L			6637414	6482439	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1513293	1	Standard
|	**Na**	**23**	**949.805**	ug/L	13.163	1	19930	15962328	0	Standard
|	**Mg**	**24**	**734.610**	ug/L	14.556	1	4843	18913919	0	Standard
|	**Al**	**27**	**13.285**	ug/L	0.275	2	9328	314478	0	Standard
|	**K**	**39**	**748.959**	ug/L	19.199	2	282458	5853960	1	Standard
|	**Ca**	**44**	**6342.140**	ug/L	78.517	1	9409	7811531	0	Standard
|	**Fe**	**54**	**46.525**	ug/L	1.194	2	72626	168633	0	Standard
|	**Fe**	**57**	**56.707**	ug/L	2.921	5	19150	65792	3	Standard
⌊	**Mn**	**55**	**3.161**	ug/L	0.073	2	1147	131087	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	101350	2	KED
|	**Zn**	**66**	**0.605**	ug/L	0.059	9	356	803	5	KED
⌊	**Zn**	**67**	**0.901**	ug/L	0.061	6	61	171	4	KED
	Y	**89**		ug/L			721020	744490	1	Standard
	Kr	**83**		ug/L			302	313	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-59
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:20:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	59077	0	Standard
	Cl	**37**		ug/L			6637414	6416946	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1480640	1	Standard
|	**Na**	**23**	**963.519**	ug/L	8.897	0	19930	15843357	1	Standard
|	**Mg**	**24**	**759.562**	ug/L	8.124	1	4843	19135495	1	Standard
|	**Al**	**27**	**11.186**	ug/L	0.168	1	9328	260612	0	Standard
|	**K**	**39**	**767.095**	ug/L	16.601	2	282458	5858901	0	Standard
|	**Ca**	**44**	**6462.566**	ug/L	146.690	2	9409	7787425	1	Standard
|	**Fe**	**54**	**31.655**	ug/L	1.392	4	72626	136271	0	Standard
|	**Fe**	**57**	**38.585**	ug/L	1.174	3	19150	50133	1	Standard
⌊	**Mn**	**55**	**1.593**	ug/L	0.023	1	1147	65219	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	100397	0	KED
|	**Zn**	**66**	**0.543**	ug/L	0.015	2	356	749	1	KED
⌊	**Zn**	**67**	**0.856**	ug/L	0.162	18	61	164	12	KED
	Y	**89**		ug/L			721020	734744	0	Standard
	Kr	**83**		ug/L			302	307	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:27:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	29323	2	Standard
	Cl	**37**		ug/L			6637414	6451900	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1440269	1	Standard
|	**Na**	**23**	**-0.080**	ug/L	0.013	16	19930	18791	1	Standard
|	**Mg**	**24**	**-0.022**	ug/L	0.004	15	4843	4332	1	Standard
|	**Al**	**27**	**-0.154**	ug/L	0.005	3	9328	6024	0	Standard
|	**K**	**39**	**-0.837**	ug/L	0.404	48	282458	278461	0	Standard
|	**Ca**	**44**	**-1.056**	ug/L	0.081	7	9409	8237	1	Standard
|	**Fe**	**54**	**0.257**	ug/L	0.750	291	72626	73599	1	Standard
|	**Fe**	**57**	**-3.087**	ug/L	0.516	16	19150	16919	1	Standard
⌊	**Mn**	**55**	**-0.004**	ug/L	0.001	13	1147	1009	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	96087	1	KED
|	**Zn**	**66**	**-0.029**	ug/L	0.011	39	356	309	1	KED
⌊	**Zn**	**67**	**-0.047**	ug/L	0.139	294	61	51	32	KED
	Y	**89**		ug/L			721020	720858	2	Standard
	Kr	**83**		ug/L			302	314	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:31:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	31749	1	Standard
	Cl	**37**		ug/L			6637414	6819290	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1424730	0	Standard
|	**Na**	**23**	**5064.241**	ug/L	93.070	1	19930	80045983	1	Standard
|	**Mg**	**24**	**5269.751**	ug/L	27.068	0	4843	127730259	0	Standard
|	**Al**	**27**	**5191.728**	ug/L	71.964	1	9328	112113354	1	Standard
|	**K**	**39**	**5093.524**	ug/L	58.682	1	282458	35855373	0	Standard
|	**Ca**	**44**	**5385.254**	ug/L	109.680	2	9409	6246401	1	Standard
|	**Fe**	**54**	**5244.107**	ug/L	79.854	1	72626	9816424	1	Standard
|	**Fe**	**57**	**5250.321**	ug/L	47.648	0	19150	3988836	1	Standard
⌊	**Mn**	**55**	**52.057**	ug/L	0.321	0	1147	2015062	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	98616	0	KED
|	**Zn**	**66**	**50.194**	ug/L	0.555	1	356	37137	0	KED
⌊	**Zn**	**67**	**50.313**	ug/L	0.742	1	61	6114	1	KED
	Y	**89**		ug/L			721020	725788	0	Standard
	Kr	**83**		ug/L			302	332	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:37:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	28213	0	Standard
	Cl	**37**		ug/L			6637414	6659267	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1448930	1	Standard
|	**Na**	**23**	**0.090**	ug/L	0.018	20	19930	21628	1	Standard
|	**Mg**	**24**	**0.107**	ug/L	0.008	7	4843	7537	1	Standard
|	**Al**	**27**	**0.121**	ug/L	0.011	8	9328	12107	1	Standard
|	**K**	**39**	**-0.038**	ug/L	0.473	1231	282458	285797	0	Standard
|	**Ca**	**44**	**-0.021**	ug/L	0.124	605	9409	9505	1	Standard
|	**Fe**	**54**	**0.151**	ug/L	0.866	572	72626	73833	0	Standard
|	**Fe**	**57**	**-0.270**	ug/L	0.297	110	19150	19190	2	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.000	5	1147	1237	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	99251	1	KED
|	**Zn**	**66**	**0.103**	ug/L	0.039	37	356	417	7	KED
⌊	**Zn**	**67**	**-0.056**	ug/L	0.125	222	61	52	29	KED
	Y	**89**		ug/L			721020	721577	1	Standard
	Kr	**83**		ug/L			302	316	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:40:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	46991	1	Standard
	Cl	**37**		ug/L			6637414	6650186	2	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1460288	0	Standard
|	**Na**	**23**	**0.776**	ug/L	0.015	1	19930	32914	0	Standard
|	**Mg**	**24**	**0.455**	ug/L	0.008	1	4843	16240	1	Standard
|	**Al**	**27**	**1.174**	ug/L	0.033	2	9328	35504	2	Standard
|	**K**	**39**	**-0.553**	ug/L	0.117	21	282458	284383	0	Standard
|	**Ca**	**44**	**1.333**	ug/L	0.092	6	9409	11187	1	Standard
|	**Fe**	**54**	**3.403**	ug/L	0.358	10	72626	80621	0	Standard
|	**Fe**	**57**	**0.836**	ug/L	0.624	74	19150	20197	2	Standard
⌊	**Mn**	**55**	**0.030**	ug/L	0.001	1	1147	2349	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	101329	2	KED
|	**Zn**	**66**	**-0.149**	ug/L	0.033	22	356	235	9	KED
⌊	**Zn**	**67**	**-0.260**	ug/L	0.033	12	61	27	17	KED
	Y	**89**		ug/L			721020	735478	2	Standard
	Kr	**83**		ug/L			302	297	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:43:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	54742	1	Standard
	Cl	**37**		ug/L			6637414	6931442	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1466142	2	Standard
|	**Na**	**23**	**5172.786**	ug/L	155.433	3	19930	84097467	0	Standard
|	**Mg**	**24**	**5384.254**	ug/L	167.980	3	4843	134224868	0	Standard
|	**Al**	**27**	**5336.473**	ug/L	297.918	5	9328	118457897	2	Standard
|	**K**	**39**	**5293.338**	ug/L	117.599	2	282458	38321499	1	Standard
|	**Ca**	**44**	**5504.048**	ug/L	162.496	2	9409	6567000	1	Standard
|	**Fe**	**54**	**5359.493**	ug/L	129.983	2	72626	10318319	0	Standard
|	**Fe**	**57**	**5365.187**	ug/L	171.478	3	19150	4191735	0	Standard
⌊	**Mn**	**55**	**29.800**	ug/L	0.530	1	1147	1187179	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	100727	0	KED
|	**Zn**	**66**	**81.715**	ug/L	1.329	1	356	61535	1	KED
⌊	**Zn**	**67**	**78.518**	ug/L	2.293	2	61	9711	2	KED
	Y	**89**		ug/L			721020	736357	2	Standard
	Kr	**83**		ug/L			302	316	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-06
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:47:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	52379	0	Standard
	Cl	**37**		ug/L			6637414	6297637	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1480199	1	Standard
|	**Na**	**23**	**1441.852**	ug/L	5.789	0	19930	23692781	1	Standard
|	**Mg**	**24**	**1669.232**	ug/L	21.984	1	4843	42032454	0	Standard
|	**Al**	**27**	**27.290**	ug/L	0.106	0	9328	621825	1	Standard
|	**K**	**39**	**1200.663**	ug/L	27.955	2	282458	9002406	0	Standard
|	**Ca**	**44**	**11618.289**	ug/L	111.708	0	9409	13989210	1	Standard
|	**Fe**	**54**	**16.620**	ug/L	1.565	9	72626	107208	1	Standard
|	**Fe**	**57**	**33.149**	ug/L	0.951	2	19150	45847	0	Standard
⌊	**Mn**	**55**	**17.519**	ug/L	0.309	1	1147	705256	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	99601	0	KED
|	**Zn**	**66**	**24.204**	ug/L	0.392	1	356	18265	1	KED
⌊	**Zn**	**67**	**23.421**	ug/L	0.222	0	61	2906	0	KED
	Y	**89**		ug/L			721020	722325	0	Standard
	Kr	**83**		ug/L			302	304	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-15
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:50:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	57416	1	Standard
	Cl	**37**		ug/L			6637414	6341066	1	Standard
>	**Sc**	**45**		ug/L			1430464	1435482	1	Standard
	Na	**23**	**691.786**	ug/L	4.499	0	19930	11034079	1	Standard
	Mg	**24**	**472.279**	ug/L	8.479	1	4843	11535608	0	Standard
	Al	**27**	**36.980**	ug/L	0.977	2	9328	813607	1	Standard
	K	**39**	**431.371**	ug/L	7.352	1	282458	3318417	0	Standard
	Ca	**44**	**4946.677**	ug/L	220.692	4	9409	5779344	2	Standard
	Fe	**54**	**65.681**	ug/L	2.060	3	72626	195812	1	Standard
	Fe	**57**	**65.670**	ug/L	0.116	0	19150	69244	1	Standard
	Mn	**55**	**2.681**	ug/L	0.064	2	1147	105613	0	Standard
>	**Ge**	**72**		ug/L			103966	98636	0	KED
	Zn	**66**	**4.233**	ug/L	0.167	3	356	3442	2	KED
	Zn	**67**	**4.228**	ug/L	0.316	7	61	567	7	KED
	Y	**89**		ug/L			721020	715931	1	Standard
	Kr	**83**		ug/L			302	287	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-18
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 22:53:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	58173	1	Standard
	Cl	**37**		ug/L			6637414	6312175	1	Standard
>	**Sc**	**45**		ug/L			1430464	1433181	1	Standard
	Na	**23**	**779.145**	ug/L	16.484	2	19930	12403521	1	Standard
	Mg	**24**	**603.963**	ug/L	21.364	3	4843	14724141	1	Standard
	Al	**27**	**23.229**	ug/L	0.822	3	9328	513667	1	Standard
	K	**39**	**451.726**	ug/L	12.044	2	282458	3455806	0	Standard
	Ca	**44**	**6543.630**	ug/L	163.726	2	9409	7631391	1	Standard
	Fe	**54**	**36.163**	ug/L	1.264	3	72626	140332	0	Standard
	Fe	**57**	**41.004**	ug/L	1.437	3	19150	50360	0	Standard
	Mn	**55**	**9.963**	ug/L	0.321	3	1147	388713	1	Standard
>	**Ge**	**72**		ug/L			103966	98698	1	KED
	Zn	**66**	**4.971**	ug/L	0.143	2	356	3986	3	KED
	Zn	**67**	**5.153**	ug/L	0.247	4	61	679	5	KED
	Y	**89**		ug/L			721020	710921	2	Standard
	Kr	**83**		ug/L			302	316	19	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-43
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 22:57:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26861	39019	1	Standard
	Cl	37		ug/L			6637414	6201473	0	Standard
>	Sc	45		ug/L			1430464	1420169	0	Standard
	Na	23	923.609	ug/L	12.886	1	19930	14568449	0	Standard
	Mg	24	2241.585	ug/L	27.342	1	4843	54159715	0	Standard
	Al	27	1344.340	ug/L	19.343	1	9328	28942366	1	Standard
	K	39	1697.797	ug/L	3.269	0	282458	12100699	0	Standard
	Ca	44	15507.941	ug/L	217.465	1	9409	17913140	0	Standard
	Fe	54	5173.887	ug/L	5.730	0	72626	9655380	0	Standard
	Fe	57	5161.513	ug/L	76.441	1	19150	3908972	0	Standard
	Mn	55	271.572	ug/L	1.683	0	1147	10473837	0	Standard
>	Ge	72		ug/L			103966	95922	0	KED
	Zn	66	88.750	ug/L	0.635	0	356	63620	0	KED
	Zn	67	83.449	ug/L	1.472	1	61	9827	2	KED
	Y	89		ug/L			721020	750962	1	Standard
	Kr	83		ug/L			302	339	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0165-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:01:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	688829	1	Standard
	Cl	**37**		ug/L			6637414	6087832	1	Standard
>	**Sc**	**45**		ug/L			1430464	1185627	1	Standard
	Na	**23**	**19066.304**	ug/L	171.819	0	19930	250775052	1	Standard
	Mg	**24**	**1489.122**	ug/L	9.044	0	4843	30040450	1	Standard
	Al	**27**	**15.822**	ug/L	0.200	1	9328	292012	1	Standard
	K	**39**	**8025.524**	ug/L	41.941	0	282458	46880401	0	Standard
	Ca	**44**	**199700.051**	ug/L	3746.351	1	9409	192515919	2	Standard
	Fe	**54**	**1161.551**	ug/L	8.783	0	72626	1856254	0	Standard
	Fe	**57**	**1628.259**	ug/L	10.648	0	19150	1040416	1	Standard
	Mn	**55**	**27.094**	ug/L	0.330	1	1147	873177	0	Standard
>	**Ge**	**72**		ug/L			103966	84111	0	KED
	Zn	**66**	**5.868**	ug/L	0.178	3	356	3957	2	KED
	Zn	**67**	**8.616**	ug/L	0.530	6	61	934	6	KED
	Y	**89**		ug/L			721020	595678	1	Standard
	Kr	**83**		ug/L			302	313	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:05:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	691454	0	Standard
	Cl	**37**		ug/L			6637414	5895108	0	Standard
>	**Sc**	**45**		ug/L			1430464	1114698	0	Standard
	Na	**23**	**19806.188**	ug/L	383.578	1	19930	244925196	2	Standard
	Mg	**24**	**1575.004**	ug/L	2.292	0	4843	29871277	0	Standard
	Al	**27**	**16.354**	ug/L	0.087	0	9328	283547	1	Standard
	K	**39**	**8309.401**	ug/L	38.237	0	282458	45627308	0	Standard
	Ca	**44**	**211193.988**	ug/L	1693.180	0	9409	191398328	1	Standard
	Fe	**54**	**1231.512**	ug/L	17.954	1	72626	1846929	1	Standard
	Fe	**57**	**1727.535**	ug/L	40.652	2	19150	1036796	1	Standard
	Mn	**55**	**28.425**	ug/L	0.347	1	1147	861275	0	Standard
>	**Ge**	**72**		ug/L			103966	78051	1	KED
	Zn	**66**	**6.274**	ug/L	0.166	2	356	3909	3	KED
	Zn	**67**	**9.797**	ug/L	0.113	1	61	979	2	KED
	Y	**89**		ug/L			721020	571549	1	Standard
	Kr	**83**		ug/L			302	292	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:11:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	458283	1	Standard
	Cl	**37**		ug/L			6637414	5700249	1	Standard
>	**Sc**	**45**		ug/L			1430464	1136623	1	Standard
	Na	**23**	**23855.424**	ug/L	30.823	0	19930	300774629	1	Standard
	Mg	**24**	**6668.816**	ug/L	69.952	1	4843	128943980	0	Standard
	Al	**27**	**4708.912**	ug/L	54.875	1	9328	81114539	0	Standard
	K	**39**	**12809.794**	ug/L	138.543	1	282458	71597419	0	Standard
	Ca	**44**	**211176.322**	ug/L	1844.532	0	9409	195141466	1	Standard
	Fe	**54**	**6024.276**	ug/L	35.599	0	72626	8987830	0	Standard
	Fe	**57**	**6477.926**	ug/L	144.016	2	19150	3922439	2	Standard
	Mn	**55**	**56.500**	ug/L	0.703	1	1147	1744607	0	Standard
>	**Ge**	**72**		ug/L			103966	77698	0	KED
	Zn	**66**	**74.793**	ug/L	0.777	1	356	43470	1	KED
	Zn	**67**	**74.287**	ug/L	1.808	2	61	7090	1	KED
	Y	**89**		ug/L			721020	604694	1	Standard
	Kr	**83**		ug/L			302	285	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:19:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	34048	1	Standard
	Cl	**37**		ug/L			6637414	6524300	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1298971	1	Standard
|	**Na**	**23**	**0.181**	ug/L	0.010	5	19930	20705	2	Standard
|	**Mg**	**24**	**-0.017**	ug/L	0.001	7	4843	4026	1	Standard
|	**Al**	**27**	**-0.143**	ug/L	0.005	3	9328	5655	2	Standard
|	**K**	**39**	**3.612**	ug/L	0.862	23	282458	279432	0	Standard
|	**Ca**	**44**	**0.935**	ug/L	0.159	17	9409	9529	0	Standard
|	**Fe**	**54**	**1.322**	ug/L	0.815	61	72626	68175	0	Standard
|	**Fe**	**57**	**-2.382**	ug/L	0.632	26	19150	15745	2	Standard
⌊	**Mn**	**55**	**-0.004**	ug/L	0.001	33	1147	916	4	Standard
⌈>	**Ge**	**72**		ug/L			103966	88477	2	KED
|	**Zn**	**66**	**-0.020**	ug/L	0.081	401	356	289	15	KED
⌊	**Zn**	**67**	**-0.150**	ug/L	0.067	44	61	36	21	KED
	Y	**89**		ug/L			721020	643789	2	Standard
	Kr	**83**		ug/L			302	308	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:23:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	33365	1	Standard
	Cl	**37**		ug/L			6637414	6239907	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1292528	0	Standard
|	**Na**	**23**	**5043.762**	ug/L	27.154	0	19930	72329100	0	Standard
|	**Mg**	**24**	**5373.877**	ug/L	55.204	1	4843	118167119	0	Standard
|	**Al**	**27**	**5104.006**	ug/L	86.793	1	9328	99982796	1	Standard
|	**K**	**39**	**5095.354**	ug/L	49.940	0	282458	32540379	0	Standard
|	**Ca**	**44**	**5314.279**	ug/L	34.808	0	9409	5592585	0	Standard
|	**Fe**	**54**	**5229.444**	ug/L	40.890	0	72626	8881010	0	Standard
|	**Fe**	**57**	**5248.719**	ug/L	46.988	0	19150	3617710	1	Standard
⌊	**Mn**	**55**	**52.272**	ug/L	0.399	0	1147	1835640	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	91264	1	KED
|	**Zn**	**66**	**50.224**	ug/L	0.317	0	356	34392	2	KED
⌊	**Zn**	**67**	**51.822**	ug/L	0.426	0	61	5826	1	KED
	Y	**89**		ug/L			721020	653103	2	Standard
	Kr	**83**		ug/L			302	308	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:29:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	29727	2	Standard
	Cl	**37**		ug/L			6637414	6119214	2	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1261515	0	Standard
|	**Na**	**23**	**0.090**	ug/L	0.015	17	19930	18830	0	Standard
|	**Mg**	**24**	**0.049**	ug/L	0.008	15	4843	5332	3	Standard
|	**Al**	**27**	**0.064**	ug/L	0.015	23	9328	9442	2	Standard
|	**K**	**39**	**4.542**	ug/L	0.279	6	282458	277187	0	Standard
|	**Ca**	**44**	**0.294**	ug/L	0.119	40	9409	8599	1	Standard
|	**Fe**	**54**	**1.602**	ug/L	0.750	46	72626	66681	1	Standard
|	**Fe**	**57**	**-0.650**	ug/L	0.334	51	19150	16452	1	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	52	1147	1071	2	Standard
⌈>	**Ge**	**72**		ug/L			103966	90234	2	KED
|	**Zn**	**66**	**0.065**	ug/L	0.028	42	356	353	3	KED
⌊	**Zn**	**67**	**0.011**	ug/L	0.076	680	61	54	14	KED
	Y	**89**		ug/L			721020	631357	1	Standard
	Kr	**83**		ug/L			302	287	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:32:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	59735	1	Standard
	Cl	**37**		ug/L			6637414	6225738	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1373784	0	Standard
|	**Na**	**23**	**18903.690**	ug/L	145.371	0	19930	288084056	1	Standard
|	**Mg**	**24**	**8046.192**	ug/L	27.914	0	4843	188051279	0	Standard
|	**Al**	**27**	**19.061**	ug/L	0.228	1	9328	405792	0	Standard
|	**K**	**39**	**4048.299**	ug/L	69.761	1	282458	27534694	1	Standard
|	**Ca**	**44**	**64661.176**	ug/L	567.800	0	9409	72226759	1	Standard
|	**Fe**	**54**	**1819.058**	ug/L	14.585	0	72626	3329068	1	Standard
|	**Fe**	**57**	**2198.833**	ug/L	13.842	0	19150	1621464	0	Standard
⌊	**Mn**	**55**	**1026.868**	ug/L	10.094	0	1147	38308694	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	86402	0	KED
|	**Zn**	**66**	**4.266**	ug/L	0.117	2	356	3037	2	KED
⌊	**Zn**	**67**	**5.812**	ug/L	0.537	9	61	664	8	KED
	Y	**89**		ug/L			721020	629623	1	Standard
	Kr	**83**		ug/L			302	335	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-03
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:35:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	61385	0	Standard
	Cl	**37**		ug/L			6637414	6353535	2	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1349852	1	Standard
|	**Na**	**23**	**19222.576**	ug/L	304.524	1	19930	287815265	1	Standard
|	**Mg**	**24**	**7902.742**	ug/L	118.939	1	4843	181458541	0	Standard
|	**Al**	**27**	**19.992**	ug/L	0.156	0	9328	417751	0	Standard
|	**K**	**39**	**4032.471**	ug/L	132.065	3	282458	26943722	2	Standard
|	**Ca**	**44**	**63273.432**	ug/L	1060.575	1	9409	69453584	2	Standard
|	**Fe**	**54**	**891.084**	ug/L	11.428	1	72626	1637128	0	Standard
|	**Fe**	**57**	**1026.877**	ug/L	25.841	2	19150	753566	1	Standard
⌊	**Mn**	**55**	**916.571**	ug/L	12.798	1	1147	33593338	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	85682	1	KED
|	**Zn**	**66**	**3.532**	ug/L	0.023	0	356	2543	1	KED
⌊	**Zn**	**67**	**4.401**	ug/L	0.117	2	61	511	3	KED
	Y	**89**		ug/L			721020	623175	0	Standard
	Kr	**83**		ug/L			302	293	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-05
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:39:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	61251	0	Standard
	Cl	**37**		ug/L			6637414	6401722	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1418632	1	Standard
|	**Na**	**23**	**18078.395**	ug/L	256.305	1	19930	284469143	0	Standard
|	**Mg**	**24**	**7648.110**	ug/L	103.637	1	4843	184568718	0	Standard
|	**Al**	**27**	**17.638**	ug/L	0.355	2	9328	388445	2	Standard
|	**K**	**39**	**3878.339**	ug/L	24.722	0	282458	27252209	1	Standard
|	**Ca**	**44**	**62721.105**	ug/L	1257.650	2	9409	72339861	1	Standard
|	**Fe**	**54**	**1568.779**	ug/L	31.004	1	72626	2974255	0	Standard
|	**Fe**	**57**	**1885.138**	ug/L	38.808	2	19150	1438079	1	Standard
⌊	**Mn**	**55**	**963.443**	ug/L	15.996	1	1147	37113118	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	85932	2	KED
|	**Zn**	**66**	**4.336**	ug/L	0.314	7	356	3061	3	KED
⌊	**Zn**	**67**	**5.492**	ug/L	0.208	3	61	627	6	KED
	Y	**89**		ug/L			721020	643174	0	Standard
	Kr	**83**		ug/L			302	299	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-07
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:42:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	57749	1	Standard
	Cl	**37**		ug/L			6637414	6299864	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1407057	0	Standard
|	**Na**	**23**	**17964.925**	ug/L	213.263	1	19930	280398342	1	Standard
|	**Mg**	**24**	**7655.090**	ug/L	82.924	1	4843	183239762	0	Standard
|	**Al**	**27**	**18.542**	ug/L	0.311	1	9328	404542	1	Standard
|	**K**	**39**	**3838.330**	ug/L	58.628	1	282458	26754385	1	Standard
|	**Ca**	**44**	**62864.613**	ug/L	797.777	1	9409	71922655	1	Standard
|	**Fe**	**54**	**1710.961**	ug/L	1.741	0	72626	3211270	0	Standard
|	**Fe**	**57**	**2084.567**	ug/L	34.409	1	19150	1575440	1	Standard
⌊	**Mn**	**55**	**964.305**	ug/L	7.222	0	1147	36845586	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	81444	1	KED
|	**Zn**	**66**	**6.640**	ug/L	0.144	2	356	4299	1	KED
⌊	**Zn**	**67**	**7.916**	ug/L	0.225	2	61	834	1	KED
	Y	**89**		ug/L			721020	639585	2	Standard
	Kr	**83**		ug/L			302	299	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:46:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	30955	0	Standard
	Cl	**37**		ug/L			6637414	6283613	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1305965	1	Standard
|	**Na**	**23**	**0.738**	ug/L	0.306	41	19930	28841	13	Standard
|	**Mg**	**24**	**0.046**	ug/L	0.015	31	4843	5448	5	Standard
|	**Al**	**27**	**-0.152**	ug/L	0.005	3	9328	5506	1	Standard
|	**K**	**39**	**3.900**	ug/L	0.794	20	282458	282793	0	Standard
|	**Ca**	**44**	**0.140**	ug/L	0.322	229	9409	8736	2	Standard
|	**Fe**	**54**	**1.683**	ug/L	1.075	63	72626	69155	1	Standard
|	**Fe**	**57**	**-3.733**	ug/L	0.251	6	19150	14896	1	Standard
⌊	**Mn**	**55**	**0.013**	ug/L	0.001	9	1147	1512	2	Standard
⌈>	**Ge**	**72**		ug/L			103966	90641	4	KED
|	**Zn**	**66**	**-0.040**	ug/L	0.043	107	356	283	7	KED
⌊	**Zn**	**67**	**-0.078**	ug/L	0.041	52	61	45	9	KED
	Y	**89**		ug/L			721020	645508	1	Standard
	Kr	**83**		ug/L			302	292	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:49:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	32484	1	Standard
	Cl	**37**		ug/L			6637414	6490097	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1336368	1	Standard
|	**Na**	**23**	**5118.511**	ug/L	106.866	2	19930	75876055	0	Standard
|	**Mg**	**24**	**5304.972**	ug/L	114.424	2	4843	120594959	1	Standard
|	**Al**	**27**	**5101.402**	ug/L	68.804	1	9328	103315818	1	Standard
|	**K**	**39**	**5082.470**	ug/L	98.458	1	282458	33554128	0	Standard
|	**Ca**	**44**	**5228.942**	ug/L	59.383	1	9409	5689055	0	Standard
|	**Fe**	**54**	**5193.189**	ug/L	98.519	1	72626	9117517	0	Standard
|	**Fe**	**57**	**5196.189**	ug/L	126.191	2	19150	3702243	1	Standard
⌊	**Mn**	**55**	**51.872**	ug/L	1.305	2	1147	1882949	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	86612	4	KED
|	**Zn**	**66**	**50.582**	ug/L	0.938	1	356	32852	2	KED
⌊	**Zn**	**67**	**51.978**	ug/L	1.130	2	61	5544	3	KED
	Y	**89**		ug/L			721020	663138	1	Standard
	Kr	**83**		ug/L			302	285	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:55:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	29808	1	Standard
	Cl	**37**		ug/L			6637414	6387698	2	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1335801	0	Standard
|	**Na**	**23**	**0.251**	ug/L	0.003	1	19930	22325	0	Standard
|	**Mg**	**24**	**0.035**	ug/L	0.008	23	4843	5309	3	Standard
|	**Al**	**27**	**0.047**	ug/L	0.010	20	9328	9661	2	Standard
|	**K**	**39**	**3.449**	ug/L	0.057	1	282458	286349	0	Standard
|	**Ca**	**44**	**0.595**	ug/L	0.874	146	9409	9438	10	Standard
|	**Fe**	**54**	**1.037**	ug/L	0.314	30	72626	69626	0	Standard
|	**Fe**	**57**	**-1.580**	ug/L	0.477	30	19150	16761	1	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.000	9	1147	1202	0	Standard
⌈>	**Ge**	**72**		ug/L			103966	89457	5	KED
|	**Zn**	**66**	**0.058**	ug/L	0.043	73	356	346	11	KED
⌊	**Zn**	**67**	**0.007**	ug/L	0.061	847	61	53	16	KED
	Y	**89**		ug/L			721020	669521	1	Standard
	Kr	**83**		ug/L			302	288	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 23:57:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	34694	2	Standard
	Cl	**37**		ug/L			6637414	6561548	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1499282	1	Standard
|	**Na**	**23**	**-0.356**	ug/L	0.014	4	19930	14971	0	Standard
|	**Mg**	**24**	**-0.081**	ug/L	0.004	4	4843	3019	3	Standard
|	**Al**	**27**	**-0.157**	ug/L	0.006	3	9328	6208	1	Standard
|	**K**	**39**	**-3.513**	ug/L	0.559	15	282458	270188	0	Standard
|	**Ca**	**44**	**-0.937**	ug/L	0.012	1	9409	8720	1	Standard
|	**Fe**	**54**	**100.741**	ug/L	1.668	1	72626	273080	0	Standard
|	**Fe**	**57**	**3.096**	ug/L	0.338	10	19150	22535	2	Standard
⌊	**Mn**	**55**	**0.038**	ug/L	0.001	2	1147	2770	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	92789	2	KED
|	**Zn**	**66**	**-0.190**	ug/L	0.050	26	356	186	16	KED
⌊	**Zn**	**67**	**-0.312**	ug/L	0.045	14	61	19	27	KED
	Y	**89**		ug/L			721020	743984	2	Standard
	Kr	**83**		ug/L			302	320	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:00:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	34902	3	Standard
	Cl	**37**		ug/L			6637414	6563063	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1478675	0	Standard
|	**Na**	**23**	**-0.386**	ug/L	0.007	1	19930	14271	1	Standard
|	**Mg**	**24**	**-0.081**	ug/L	0.006	7	4843	2972	4	Standard
|	**Al**	**27**	**-0.158**	ug/L	0.002	1	9328	6102	0	Standard
|	**K**	**39**	**-2.937**	ug/L	0.282	9	282458	270684	0	Standard
|	**Ca**	**44**	**-0.871**	ug/L	0.084	9	9409	8678	1	Standard
|	**Fe**	**54**	**102.000**	ug/L	2.271	2	72626	271786	1	Standard
|	**Fe**	**57**	**3.745**	ug/L	0.566	15	19150	22733	1	Standard
⌊	**Mn**	**55**	**0.039**	ug/L	0.002	5	1147	2746	3	Standard
⌈>	**Ge**	**72**		ug/L			103966	90846	3	KED
|	**Zn**	**66**	**-0.236**	ug/L	0.013	5	356	152	3	KED
⌊	**Zn**	**67**	**-0.192**	ug/L	0.111	57	61	32	36	KED
	Y	**89**		ug/L			721020	745131	2	Standard
	Kr	**83**		ug/L			302	306	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:02:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	34676	1	Standard
	Cl	**37**		ug/L			6637414	6533078	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1502544	2	Standard
|	**Na**	**23**	**-0.404**	ug/L	0.026	6	19930	14191	3	Standard
|	**Mg**	**24**	**-0.074**	ug/L	0.007	9	4843	3188	7	Standard
|	**Al**	**27**	**-0.163**	ug/L	0.004	2	9328	6097	2	Standard
|	**K**	**39**	**-3.792**	ug/L	0.904	23	282458	268636	0	Standard
|	**Ca**	**44**	**-0.952**	ug/L	0.048	5	9409	8719	2	Standard
|	**Fe**	**54**	**100.573**	ug/L	2.597	2	72626	273288	1	Standard
|	**Fe**	**57**	**3.247**	ug/L	0.419	12	19150	22709	3	Standard
⌊	**Mn**	**55**	**0.038**	ug/L	0.001	3	1147	2741	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	90281	4	KED
|	**Zn**	**66**	**-0.182**	ug/L	0.029	16	356	188	14	KED
⌊	**Zn**	**67**	**-0.205**	ug/L	0.059	28	61	31	25	KED
	Y	**89**		ug/L			721020	750279	2	Standard
	Kr	**83**		ug/L			302	282	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:05:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	35015	2	Standard
	Cl	**37**		ug/L			6637414	6539550	0	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1495195	1	Standard
|	**Na**	**23**	**-0.448**	ug/L	0.013	2	19930	13406	2	Standard
|	**Mg**	**24**	**-0.083**	ug/L	0.004	5	4843	2952	1	Standard
|	**Al**	**27**	**-0.166**	ug/L	0.006	3	9328	5989	2	Standard
|	**K**	**39**	**-3.624**	ug/L	0.546	15	282458	268630	0	Standard
|	**Ca**	**44**	**-0.931**	ug/L	0.272	29	9409	8699	1	Standard
|	**Fe**	**54**	**101.649**	ug/L	2.292	2	72626	274100	1	Standard
|	**Fe**	**57**	**2.920**	ug/L	0.700	23	19150	22326	0	Standard
⌊	**Mn**	**55**	**0.037**	ug/L	0.001	2	1147	2690	3	Standard
⌈>	**Ge**	**72**		ug/L			103966	90694	2	KED
|	**Zn**	**66**	**-0.208**	ug/L	0.009	4	356	170	2	KED
⌊	**Zn**	**67**	**-0.313**	ug/L	0.014	4	61	19	10	KED
	Y	**89**		ug/L			721020	745001	0	Standard
	Kr	**83**		ug/L			302	316	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:08:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	35421	0	Standard
	Cl	**37**		ug/L			6637414	6567716	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1503953	2	Standard
|	**Na**	**23**	**-0.474**	ug/L	0.050	10	19930	13038	3	Standard
|	**Mg**	**24**	**-0.075**	ug/L	0.020	27	4843	3168	13	Standard
|	**Al**	**27**	**-0.157**	ug/L	0.022	14	9328	6233	6	Standard
|	**K**	**39**	**-3.748**	ug/L	0.891	23	282458	269227	0	Standard
|	**Ca**	**44**	**-0.969**	ug/L	0.287	29	9409	8702	1	Standard
|	**Fe**	**54**	**99.597**	ug/L	3.899	3	72626	271608	1	Standard
|	**Fe**	**57**	**2.617**	ug/L	0.872	33	19150	22219	3	Standard
⌊	**Mn**	**55**	**0.037**	ug/L	0.001	2	1147	2726	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	91496	4	KED
|	**Zn**	**66**	**-0.187**	ug/L	0.013	7	356	187	8	KED
⌊	**Zn**	**67**	**-0.203**	ug/L	0.154	75	61	31	54	KED
	Y	**89**		ug/L			721020	744076	0	Standard
	Kr	**83**		ug/L			302	287	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:10:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	29813	1	Standard
	Cl	**37**		ug/L			6637414	6034741	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1285286	0	Standard
|	**Na**	**23**	**-0.336**	ug/L	0.162	48	19930	13123	18	Standard
|	**Mg**	**24**	**-0.125**	ug/L	0.002	1	4843	1620	3	Standard
|	**Al**	**27**	**-0.344**	ug/L	0.004	1	9328	1670	4	Standard
|	**K**	**39**	**4.261**	ug/L	0.065	1	282458	280641	0	Standard
|	**Ca**	**44**	**-2.725**	ug/L	0.143	5	9409	5605	1	Standard
|	**Fe**	**54**	**-22.623**	ug/L	0.251	1	72626	27329	0	Standard
|	**Fe**	**57**	**-3.919**	ug/L	0.259	6	19150	14533	1	Standard
⌊	**Mn**	**55**	**-0.017**	ug/L	0.000	1	1147	449	2	Standard
⌈>	**Ge**	**72**		ug/L			103966	88700	6	KED
|	**Zn**	**66**	**-0.272**	ug/L	0.032	11	356	125	18	KED
⌊	**Zn**	**67**	**-0.190**	ug/L	0.073	38	61	31	21	KED
	Y	**89**		ug/L			721020	634378	1	Standard
	Kr	**83**		ug/L			302	295	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:13:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	30225	1	Standard
	Cl	**37**		ug/L			6637414	6124908	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1276053	1	Standard
|	**Na**	**23**	**-0.457**	ug/L	0.033	7	19930	11302	2	Standard
|	**Mg**	**24**	**-0.119**	ug/L	0.006	5	4843	1739	7	Standard
|	**Al**	**27**	**-0.340**	ug/L	0.010	3	9328	1744	11	Standard
|	**K**	**39**	**4.677**	ug/L	0.740	15	282458	281172	0	Standard
|	**Ca**	**44**	**-2.738**	ug/L	0.147	5	9409	5551	1	Standard
|	**Fe**	**54**	**-22.294**	ug/L	0.489	2	72626	27673	1	Standard
|	**Fe**	**57**	**-4.339**	ug/L	0.705	16	19150	14139	1	Standard
⌊	**Mn**	**55**	**-0.018**	ug/L	0.000	1	1147	414	1	Standard
⌈>	**Ge**	**72**		ug/L			103966	88577	5	KED
|	**Zn**	**66**	**-0.274**	ug/L	0.023	8	356	123	13	KED
⌊	**Zn**	**67**	**-0.328**	ug/L	0.028	8	61	17	22	KED
	Y	**89**		ug/L			721020	631917	1	Standard
	Kr	**83**		ug/L			302	297	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:15:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	30335	2	Standard
	Cl	**37**		ug/L			6637414	6182045	2	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1274509	1	Standard
|	**Na**	**23**	**-0.483**	ug/L	0.012	2	19930	10927	0	Standard
|	**Mg**	**24**	**-0.132**	ug/L	0.003	1	4843	1448	4	Standard
|	**Al**	**27**	**-0.349**	ug/L	0.001	0	9328	1577	1	Standard
|	**K**	**39**	**5.003**	ug/L	0.599	11	282458	282891	0	Standard
|	**Ca**	**44**	**-2.964**	ug/L	0.131	4	9409	5311	1	Standard
|	**Fe**	**54**	**-22.610**	ug/L	0.453	2	72626	27120	1	Standard
|	**Fe**	**57**	**-3.313**	ug/L	0.205	6	19150	14820	1	Standard
⌊	**Mn**	**55**	**-0.018**	ug/L	0.001	2	1147	407	3	Standard
⌈>	**Ge**	**72**		ug/L			103966	89701	5	KED
|	**Zn**	**66**	**-0.268**	ug/L	0.008	2	356	129	9	KED
⌊	**Zn**	**67**	**-0.276**	ug/L	0.010	3	61	22	0	KED
	Y	**89**		ug/L			721020	639699	1	Standard
	Kr	**83**		ug/L			302	283	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:18:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	30203	1	Standard
	Cl	**37**		ug/L			6637414	6226555	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1291861	0	Standard
|	**Na**	**23**	**-0.509**	ug/L	0.009	1	19930	10710	1	Standard
|	**Mg**	**24**	**-0.135**	ug/L	0.003	1	4843	1403	3	Standard
|	**Al**	**27**	**-0.350**	ug/L	0.001	0	9328	1573	0	Standard
|	**K**	**39**	**4.374**	ug/L	0.149	3	282458	282789	0	Standard
|	**Ca**	**44**	**-2.993**	ug/L	0.086	2	9409	5354	1	Standard
|	**Fe**	**54**	**-22.794**	ug/L	0.224	0	72626	27183	1	Standard
|	**Fe**	**57**	**-4.109**	ug/L	0.464	11	19150	14478	2	Standard
⌊	**Mn**	**55**	**-0.018**	ug/L	0.001	4	1147	390	6	Standard
⌈>	**Ge**	**72**		ug/L			103966	87142	4	KED
|	**Zn**	**66**	**-0.252**	ug/L	0.020	7	356	135	13	KED
⌊	**Zn**	**67**	**-0.288**	ug/L	0.051	17	61	20	24	KED
	Y	**89**		ug/L			721020	638333	1	Standard
	Kr	**83**		ug/L			302	300	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Saturday, July 17, 2021 00:20:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071621.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26861	30216	0	Standard
	Cl	**37**		ug/L			6637414	6127742	1	Standard
⌈>	**Sc**	**45**		ug/L			1430464	1256773	1	Standard
|	**Na**	**23**	**-0.507**	ug/L	0.017	3	19930	10433	1	Standard
|	**Mg**	**24**	**-0.135**	ug/L	0.001	0	4843	1360	1	Standard
|	**Al**	**27**	**-0.349**	ug/L	0.004	1	9328	1551	4	Standard
|	**K**	**39**	**5.695**	ug/L	0.544	9	282458	283207	0	Standard
|	**Ca**	**44**	**-2.828**	ug/L	0.061	2	9409	5377	2	Standard
|	**Fe**	**54**	**-22.462**	ug/L	0.600	2	72626	26980	2	Standard
|	**Fe**	**57**	**-3.662**	ug/L	0.346	9	19150	14380	0	Standard
⌊	**Mn**	**55**	**-0.017**	ug/L	0.000	1	1147	412	2	Standard
⌈>	**Ge**	**72**		ug/L			103966	87992	5	KED
|	**Zn**	**66**	**-0.248**	ug/L	0.008	3	356	139	8	KED
⌊	**Zn**	**67**	**-0.272**	ug/L	0.052	19	61	22	22	KED
	Y	**89**		ug/L			721020	638613	2	Standard
	Kr	**83**		ug/L			302	290	5	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EG00056
Instrument: ICPMS1
Calibration Date: 07/19/2021 15:19

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Manganese-55, Dissolved	0	0	0.5	47212	10	45419.3	20	45939.95	50	38791.56	100	38449.64

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EG00056	Instrument:	ICPMS1
Calibration Date:	07/19/2021 15:19		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Manganese-55, Dissolved	35968.74	50.1	0.9985		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MS **Sequence:** SJGΦ243 **Cal:** EGΦΦΦ56

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	SEQ-CAL1			
		-CAL2			
		-CAL3			
		-CAL4			
		-CAL5			Sc, In, Tb no3y
	↓	BLK			
		SEQ-CAL1	J746Φ		
		-CAL2	J7148		
		-CAL3	J7149		
		-CAL4	J715Φ		
		-CAL5	J7461		
		-CAL6	J7151		
		-IBL1	—		
		-ICV1	J6292		
	✓	-ICB1	—		Ge no3y
		-ICB1	J746Φ		
		-CCV1	J7461		
		-CCB1	J746Φ		
		-CRL1	J7148		
		-IFA1	J7152		Cr^{53} ↑
		-IFB1	J7153		↓
		-HCV1	J6678		Ag, Ba^{137} ↓ - Ag, Ba < 100
		-HCV2	J6918		Ag, Ba, Zn ↓ - Zn < 200
	✓	-HCV2	—		↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBL2+3			
		↓ -CCV2			
		↓ -CCB2			
		BJGΦ366-BLK2	REN		No Zn (Al, Cr)
		↓ -BS2	↓		↓
		BJGΦ423-BLK1	↓		
		↓ -BS1	↓		
		21GΦ179-Φ1	↓		
		21GΦ13Φ-Φ1	↓		
		↓ -Φ2	↓		
		↓ -Φ3	↓		
		↓ -Φ8	↓		
		SEQ-IBL4			
		↓ -CCV3			
		↓ -CCB3			
		BJGΦ26Φ-BLK1	SWN	20	No Cr/Zn NR
	✓	↓ -BS1	↓	↓	Multiple %R's ↓ ↓
		↓ -BS1	↓	↓	Zn %R's ↓ ↓
		21FΦ178-Φ3	↓	↓	
		21FΦ43Φ-1Φ	↓	↓	No Cr/Zn NR
		↓ -Φ9	↓	↓	↓ ↓
		↓ -Φ8	↓	↓	↓ ↓
		BJGΦ26Φ-DUP1	↓	↓	↓ ↓
		↓ -MS1	↓	↓	Ag %R LOW ↓ ↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 7/19/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJG0266-PS1	SWN	20	0.060mL 5733 Ag only
		SEQ-CCV4			Cr^{52}
		↓ -CCB4			
		BJF0847-BLK2	REN		Cd, Cu, Pb only
		↓ -BS2	↓		↓
		BJF0848-BLK2	↓		Mn, Pb > ½RL Cd, Cu only
		↓ -BS2	↓		↓
		21F0123-38RE1	RHN		Cd only
		21F0448-01	SWN	20	No Cr / Zn NR
		21F0436-11	↓	↓	↓ ↓
	✓	-14	↓	↓	Ge noisy
		↓ -15	↓	↓	
		SEQ-IBL5			
		-CCV5			
		↓ -CCB5			
		BJF0844-BLK2	REN		Cd, Cu, Pb only
		↓ -BS2	↓		↓
		21F0123-05	↓	5	Ba only
		BJF0556-DUP4	↓	↓	↓
		-MS4	↓	↓	↓
		↓ -MSD4	↓	↓	↓
		21G0165-01	↓	↓	Ag, As, Ba, Cr, Cu, Ni, Pb, Se only
		BJG0366-DUP2	↓	↓	↓
		↓ -MS2	↓	↓	↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBL6			
		-CCV6			Mn↑/In↑ noisy
		-CCB6			
	✓	-CAL1			
		-CCV7			Mn↑
		-CCB7			
		21GΦΦ75-Φ1	REN		
		21GΦΦ76-Φ1			Zn↑ No Zn
		21GΦ167-Φ1			
		21GΦΦ83-Φ1			
		-Φ4			
		-Φ8			
		-11			
		-12			
		21GΦ171-Φ1			
		SEQ-IBL7			(Cr^{53}↑)
		-CCV8			Mn↑
		-CCB8			
		21FΦ13Φ-33	REN	2	Cd only
		21GΦΦ96-Φ3			Sc↑ As only
	✓	-Φ1		5	
		21GΦ1Φ9-Φ1		10	
		21GΦ11Φ-Φ1		20	
		21GΦ121-12			No Cr

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 7/19/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJGΦ423-DUP1	REN		Sc, Rh, Tb noisy - %R + Pb OK/Match Parent — No Cr
		↓ -MS1	↓		Sc↑ ↓
		↓ -MSD1	↓		↓
		SEQ-IBL8			
		↓ -CCV9			
		↓ -CCB9			
		ZIFΦ196-24	REN		Cd NO / In noisy — Cr, Pb only / Cd NR
		-3Φ	↓		↓ ↓ ↓
		-43	↓	20	Mn only
		-Φ1	↓		Cd NO — Cd NR
		-Φ2	↓		↓ ↓
		-Φ3	↓		↓ ↓
F→G		G ZIFΦ181-Φ1	↓		
↓		↓ -Φ2	↓		
↓		↓ -Φ3	↓		
		SEQ-IBL9			
		↓ -CCVA			
		↓ -CCBA			
		ZIFΦ196-Φ4	REN		No Mn
		-Φ5	↓		↓
		-Φ8	↓		↓
		-1Φ	↓		Cd NO — ↓/Cd NR
		-11	↓		Ge ↓/Mn↑ — Cd, Pb only
		↓ -Φ9	↓		No Mn

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJF0848-DUP1	REN		No Mn
		-MS1	↓		↓
		-MSD1	↓		↓
		SEQ-IBLA			
		-CCVB			Mn↑
		-CCBB			
	✓	-CAL1			
		-CCVC			Mn↑
		-CCBC			
		21F0196-12	REN		Mn, Zn↑ No Mn, Zn
		-13	↓		↓ ↓
		-14	↓		Cd ND No Mn/Cd NR
		-16	↓		↓ ↓
		-17	↓		↓
		-19	↓		↓/Ge noisy - %R+ Analytes OK/Nokin dup ↓
		BJF0847-DUP1	↓		
		-MS1	↓		↓
		-MSD1	↓		↓
		SEQ-IBLB			
		-CCVD			Mn↑
		-CCBD			
		21F0196-21	REN		Cd ND No Mn/Cd NR
		-23	↓		↓ ↓ ↓
		-25	↓		↓ ↓ ↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 7/19/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21F0196-26	REN		Cd ND No Mn / Cd NR
		-27			
		-22			
		BJF0844-DUP1			
		-MS1			
		-MSD1			
		SEQ-IBLC			
		-CCVE			Mn ↑
		-CCBE			
		21F0196-28	REN		Cd ND No Mn / Cd NR
		-29			Cu, Zn ↑ Cd, Pb only
		-31			Ge noisy
		-32			Cu, Zn ↑
		-33			
		-34			Ba noisy Pb only
		-35			Cd, Pb only
		-36			
		-37			No Mn
		SEQ-IBLD			(Sc, In, Tl noisy)
		-CCVF			Mn ↑
		-CCBF			
		21F0196-38	REN		Cd ND No Mn / Cd NR
		-39			
		-40			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21F0196-41	REN		CaNO No Mn/Ca NR
		-42			Mn, Zn↑ No Mn, Zn
		-44			No Mn
		-45			↓
		SEQ-IBLE			
		-CCVG			Mn↑
		-CCBG			
		Rinse/DI			
			MB 7/19/21		

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 19, 2021 12:43:50
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11301
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9832.5	9832.516	85.664	0.9	Standard
	In	114.9	123055.6	123055.594	2250.047	1.8	Standard
	U	238.1	146497.9	146497.850	3062.145	2.1	Standard
⌈	CeO	155.9	3352.9	0.021	0.000	1.8	Standard
| >	Ce	139.9	159462.9	159462.916	2148.661	1.3	Standard
⌊	Ce++	70.0	1476.5	0.009	0.000	2.7	Standard
	Bkgd	220.0	0.5	0.533	0.217	40.7	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 12:43:48 PM
End Time: 7/19/2021 12:45:55 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 9832.52
Obtained Intensity (In 115): 123055.59
Obtained Intensity (U 238): 146497.85
Obtained Intensity (Bkgd 220): 0.53
Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=1476.54 / 159462.92)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=3352.86 / 159462.92)

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 12:43:48 PM

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 1
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9832.52
Obtained Intensity (In 115): 123055.59
Obtained Intensity (U 238): 146497.85
Obtained Intensity (Bkgd 220): 0.53
Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=1476.54 / 159462.92)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=3352.86 / 159462.92)

[Passed] Optimum value(s): N/A

End Time: 7/19/2021 12:45:55 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 19, 2021 12:58:21
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11307
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8383.6	8383.593	133.919	1.6	Standard
	In	114.9	99015.4	99015.370	710.131	0.7	Standard
	U	238.1	137279.9	137279.905	1442.624	1.1	Standard
⌈	CeO	155.9	2823.0	0.020	0.000	1.5	Standard
| >	Ce	139.9	143981.0	143980.953	907.384	0.6	Standard
⌊	Ce++	70.0	1155.6	0.008	0.000	3.4	Standard
	Bkgd	220.0	0.7	0.733	0.253	34.5	Standard

Current Conditions File Data

Current Value	Description
0.94	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 12:46:20 PM
End Time: 7/19/2021 1:00:25 PM

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.33 mm	-1.08 mm	137699.46

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.94
Obtained Intensity (In 115): 113560.57
Obtained Formula (CeO 156 / Ce 140): 0.0196 (=3034.32 / 154826.47)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.722)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.700)
Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.698)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.701)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.989; Intercept = -13.56

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.995; Intercept = -13.93

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 8383.59
Obtained Intensity (In 115): 99015.37
Obtained Intensity (U 238): 137279.91
Obtained Intensity (Bkgd 220): 0.73
Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1155.58 / 143980.95)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2823.01 / 143980.95)
Obtained RSD (Be 9): 0.0160
Obtained RSD (In 115): 0.0072
Obtained RSD (U 238): 0.0105

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 12:46:20 PM

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:
		Vertical	Horizontal	Intensity
[Passed]	2.33 mm	-1.08 mm	137699.46

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.9/1/0.01.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.023

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 113560.57
		Obtained Formula (CeO 156 / Ce 140): 0.0196 (=3034.32 / 154826.47)
[Passed] Optimum value(s): 0.94

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.722)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.700)
		Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.698)
		Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.701)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.989; Intercept = -13.56

	Analyte	Mass	Points	DAC	MaxIntensity

Li	7	41	-13.5	31013.6
Mg	24	41	-13.5	52279.5
In	115	41	-11	109768
Ce	140	41	-11	156484
Pb	208	41	-10	81463.6
U	238	41	-10	144624

KED Mode QID

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 0.995; Intercept = -13.93

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	19861.8
Mg	24	41	-12.5	50296.4
In	115	41	-11	112171
Ce	140	41	-10.5	103308
Pb	208	41	-10	44962.6
U	238	41	-9.5	86593.7

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.

Intensity Criterion: Be 9 > 2000

Intensity Criterion: In 115 > 40000

Intensity Criterion: U 238 > 30000

Intensity Criterion: Bkgd 220 <= 5

Formula Criterion: Ce++ 70 / Ce 140 <= 0.03

Formula Criterion: CeO 156 / Ce 140 <= 0.025

RSD Criterion: Be 9.0122 < 0.05

RSD Criterion: In 114.904 < 0.05

RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 8383.59

Obtained Intensity (In 115): 99015.37

Obtained Intensity (U 238): 137279.91

Obtained Intensity (Bkgd 220): 0.73

Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1155.58 / 143980.95)

Obtained Formula (CeO 156 / Ce 140): 0.020 (=2823.01 / 143980.95)

Obtained RSD (Be 9): 0.0160

Obtained RSD (In 115): 0.0072

Obtained RSD (U 238): 0.0105

[Passed] Optimum value(s): N/A

End Time: 7/19/2021 1:00:25 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 1:03:08 PM
End Time: 7/19/2021 1:03:12 PM

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 1:03:08 PM

End Time: 7/19/2021 1:03:12 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 1:16:30 PM
End Time: 7/19/2021 1:17:36 PM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.37

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 1:16:30 PM

QID STD/DRC

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.37

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	29646.7
Mg	24	41	-13.5	51344.1
In	115	41	-11	110224
Ce	140	41	-10.5	152271
Pb	208	41	-10.5	79894.8
U	238	41	-10.5	139288

End Time: 7/19/2021 1:17:36 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 19, 2021 13:18:08
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11312
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8787.0	8787.035	71.745	0.8	Standard
	In	114.9	101377.6	101377.610	1180.375	1.2	Standard
	U	238.1	137799.4	137799.400	1387.845	1.0	Standard
⌈	CeO	155.9	2882.6	0.020	0.000	1.7	Standard
| >	Ce	139.9	146184.3	146184.309	1180.872	0.8	Standard
⌊	Ce++	70.0	1197.1	0.008	0.000	1.2	Standard
	Bkgd	220.0	0.9	0.900	0.253	28.1	Standard

Current Conditions File Data

Current Value	Description
0.94	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 1:18:07 PM
End Time: 7/19/2021 1:20:13 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 8787.04
Obtained Intensity (In 115): 101377.61
Obtained Intensity (U 238): 137799.40
Obtained Intensity (Bkgd 220): 0.90
Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1197.12 / 146184.31)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2882.56 / 146184.31)
Obtained RSD (Be 9): 0.0082
Obtained RSD (In 115): 0.0116
Obtained RSD (U 238): 0.0101

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 1:18:07 PM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 8787.04
		Obtained Intensity (In 115): 101377.61
		Obtained Intensity (U 238): 137799.40
		Obtained Intensity (Bkgd 220): 0.90
		Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1197.12 / 146184.31)
		Obtained Formula (CeO 156 / Ce 140): 0.020 (=2882.56 / 146184.31)
		Obtained RSD (Be 9): 0.0082
		Obtained RSD (In 115): 0.0116
		Obtained RSD (U 238): 0.0101

[Passed] Optimum value(s): N/A

End Time: 7/19/2021 1:20:13 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 14:49:32

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				30071	1	Standard
	Cl	**37**		ug/L				6394025	2	Standard
>	**Sc**	**45**		ug/L				1364332	1	Standard
	Cr	**52**		ug/L				21685	2	Standard
	Cr	**53**		ug/L				236	3	Standard
	Mn	**55**		ug/L				1065	1	Standard
>	**Ge**	**72**		ug/L				98904	4	KED
	Ni	**60**		ug/L				40	16	KED
	Ni	**62**		ug/L				6	96	KED
	Cu	**63**		ug/L				97	13	KED
	Cu	**65**		ug/L				41	5	KED
	Zn	**66**		ug/L				212	12	KED
	Zn	**67**		ug/L				38	13	KED
	As	**75**		ug/L				3	31	KED
	Se	**78**		ug/L				16	4	KED
	Y	**89**		ug/L				664044	1	Standard
	Kr	**83**		ug/L				311	3	Standard
>	**In-1**	**115**		ug/L				28001	0	KED
	Mo	**98**		ug/L				6	43	KED
	Cd	**111**		ug/L				2	65	KED
	Cd	**114**		ug/L				2	45	KED
>	**In**	**115**		ug/L				1198797	1	Standard
	Ag	**107**		ug/L				32	35	Standard
	Ba	**135**		ug/L				101	5	Standard
	Ba	**137**		ug/L				158	11	Standard
>	**Tb**	**159**		ug/L				2396190	1	Standard
	Pb	**208**		ug/L				613	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 14:53:51

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30071	33798	1	Standard
	Cl	**37**		ug/L			6394025	6325869	1	Standard
⌈>	**Sc**	**45**		ug/L			1364332	1382032	2	Standard
|	**Cr**	**52**	**0.500**	ug/L	0.006	1	21685	35933	2	Standard
|	**Cr**	**53**	**0.500**	ug/L	0.010	2	236	1889	2	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.013	2	1065	22758	2	Standard
⌈>	**Ge**	**72**		ug/L			98904	102536	0	KED
|	**Ni**	**60**	**0.500**	ug/L	0.024	4	40	960	4	KED
|	**Ni**	**62**	**0.500**	ug/L	0.039	7	6	153	8	KED
|	**Cu**	**63**	**0.500**	ug/L	0.011	2	97	2631	2	KED
|	**Cu**	**65**	**0.500**	ug/L	0.027	5	41	1387	4	KED
|	**Zn**	**66**	**4.000**	ug/L	0.095	2	212	5061	2	KED
|	**Zn**	**67**	**4.000**	ug/L	0.314	7	38	760	6	KED
|	**As**	**75**	**0.200**	ug/L	0.009	4	3	85	3	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.082	16	16	43	9	KED
	Y	**89**		ug/L			664044	667481	2	Standard
	Kr	**83**		ug/L			311	336	11	Standard
⌈>	**In-1**	**115**		ug/L			28001	26316	5	KED
|	**Mo**	**98**	**0.200**	ug/L	0.015	7	6	374	3	KED
|	**Cd**	**111**	**0.100**	ug/L	0.014	13	2	45	9	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.013	12	2	110	11	KED
⌈>	**In**	**115**		ug/L			1198797	1208416	0	Standard
|	**Ag**	**107**	**0.200**	ug/L	0.008	3	32	3416	3	Standard
|	**Ba**	**135**	**0.500**	ug/L	0.014	2	101	3851	2	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.011	2	158	7105	2	Standard
⌈>	**Tb**	**159**		ug/L			2396190	2390063	1	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.002	1	613	13155	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 14:58:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30071	47990	1	Standard
	Cl	**37**		ug/L			6394025	6578972	0	Standard
⌈>	**Sc**	**45**		ug/L			1364332	1401668	1	Standard
|	**Cr**	**52**	**10.002**	ug/L	0.084	0	21685	324015	0	Standard
|	**Cr**	**53**	**10.001**	ug/L	0.118	1	236	35316	1	Standard
⌊	**Mn**	**55**	**10.001**	ug/L	0.195	1	1065	453920	0	Standard
⌈>	**Ge**	**72**		ug/L			98904	105116	1	KED
|	**Ni**	**60**	**9.999**	ug/L	0.159	1	40	18259	2	KED
|	**Ni**	**62**	**10.000**	ug/L	0.136	1	6	3053	1	KED
|	**Cu**	**63**	**10.000**	ug/L	0.089	0	97	52958	1	KED
|	**Cu**	**65**	**9.999**	ug/L	0.153	1	41	26108	1	KED
|	**Zn**	**66**	**9.334**	ug/L	0.222	2	212	8403	1	KED
|	**Zn**	**67**	**9.459**	ug/L	0.478	5	38	1346	4	KED
|	**As**	**75**	**10.000**	ug/L	0.059	0	3	3942	0	KED
⌊	**Se**	**78**	**9.997**	ug/L	0.178	1	16	499	1	KED
	Y	**89**		ug/L			664044	675815	0	Standard
	Kr	**83**		ug/L			311	327	9	Standard
⌈>	**In-1**	**115**		ug/L			28001	28082	0	KED
|	**Mo**	**98**	**10.000**	ug/L	0.120	1	6	19382	0	KED
|	**Cd**	**111**	**10.000**	ug/L	0.150	1	2	4539	1	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.110	1	2	11371	0	KED
⌈>	**In**	**115**		ug/L			1198797	1258956	1	Standard
|	**Ag**	**107**	**10.000**	ug/L	0.170	1	32	177753	0	Standard
|	**Ba**	**135**	**10.001**	ug/L	0.105	1	101	81183	1	Standard
⌊	**Ba**	**137**	**10.000**	ug/L	0.134	1	158	143794	0	Standard
⌈>	**Tb**	**159**		ug/L			2396190	2473456	0	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.080	0	613	1161432	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 15:02:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30071	46566	1	Standard
	Cl	**37**		ug/L			6394025	6554733	1	Standard
⌈>	**Sc**	**45**		ug/L			1364332	1395140	1	Standard
|	**Cr**	**52**	**19.948**	ug/L	0.302	1	21685	615057	1	Standard
|	**Cr**	**53**	**20.029**	ug/L	0.347	1	236	70543	0	Standard
⌊	**Mn**	**55**	**20.023**	ug/L	0.467	2	1065	907637	1	Standard
⌈>	**Ge**	**72**		ug/L			98904	105096	1	KED
|	**Ni**	**60**	**19.987**	ug/L	0.239	1	40	36352	0	KED
|	**Ni**	**62**	**19.851**	ug/L	0.478	2	6	5876	0	KED
|	**Cu**	**63**	**19.900**	ug/L	0.461	2	97	103171	0	KED
|	**Cu**	**65**	**20.001**	ug/L	0.611	3	41	52164	1	KED
|	**Zn**	**66**	**19.682**	ug/L	0.410	2	212	16568	1	KED
|	**Zn**	**67**	**19.821**	ug/L	0.229	1	38	2696	2	KED
|	**As**	**75**	**20.024**	ug/L	0.300	1	3	7926	0	KED
⌊	**Se**	**78**	**19.984**	ug/L	0.712	3	16	978	1	KED
	Y	**89**		ug/L			664044	682236	0	Standard
	Kr	**83**		ug/L			311	304	5	Standard
⌈>	**In-1**	**115**		ug/L			28001	27970	0	KED
|	**Mo**	**98**	**19.999**	ug/L	0.424	2	6	38601	2	KED
|	**Cd**	**111**	**19.923**	ug/L	0.362	1	2	8869	2	KED
⌊	**Cd**	**114**	**20.019**	ug/L	0.133	0	2	22755	0	KED
⌈>	**In**	**115**		ug/L			1198797	1250599	1	Standard
|	**Ag**	**107**	**20.022**	ug/L	0.267	1	32	355108	0	Standard
|	**Ba**	**135**	**19.941**	ug/L	0.286	1	101	158793	1	Standard
⌊	**Ba**	**137**	**19.972**	ug/L	0.398	1	158	283509	0	Standard
⌈>	**Tb**	**159**		ug/L			2396190	2468330	1	Standard
⌊	**Pb**	**208**	**19.969**	ug/L	0.175	0	613	2299704	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:07:25

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30071	29937	3	Standard
	Cl	**37**		ug/L			6394025	6480673	3	Standard
>	**Sc**	**45**		ug/L			1364332	1286654	8	Standard
	Cr	**52**	**50.516**	ug/L	4.091	8	21685	1473759	1	Standard
	Cr	**53**	**50.474**	ug/L	4.288	8	236	170926	0	Standard
	Mn	**55**	**49.182**	ug/L	4.505	9	1065	1889754	0	Standard
>	**Ge**	**72**		ug/L			98904	101985	1	KED
	Ni	**60**	**49.885**	ug/L	0.300	0	40	86989	1	KED
	Ni	**62**	**49.753**	ug/L	0.612	1	6	13941	1	KED
	Cu	**63**	**49.961**	ug/L	0.890	1	97	250238	0	KED
	Cu	**65**	**49.844**	ug/L	0.610	1	41	124182	0	KED
	Zn	**66**	**49.623**	ug/L	0.741	1	212	38795	0	KED
	Zn	**67**	**49.740**	ug/L	0.589	1	38	6346	0	KED
	As	**75**	**50.135**	ug/L	0.887	1	3	19514	0	KED
	Se	**78**	**49.865**	ug/L	1.481	2	16	2312	1	KED
	Y	**89**		ug/L			664044	622834	8	Standard
	Kr	**83**		ug/L			311	320	9	Standard
>	**In-1**	**115**		ug/L			28001	27303	0	KED
	Mo	**98**	**50.076**	ug/L	0.574	1	6	95056	1	KED
	Cd	**111**	**50.004**	ug/L	0.199	0	2	21734	0	KED
	Cd	**114**	**49.957**	ug/L	0.525	1	2	55194	0	KED
>	**In**	**115**		ug/L			1198797	1148510	9	Standard
	Ag	**107**	**50.235**	ug/L	3.296	6	32	834617	2	Standard
	Ba	**135**	**50.552**	ug/L	4.407	8	101	389109	1	Standard
	Ba	**137**	**50.557**	ug/L	4.202	8	158	694286	1	Standard
>	**Tb**	**159**		ug/L			2396190	2293399	7	Standard
	Pb	**208**	**49.987**	ug/L	4.402	8	613	5317400	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BLK
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 15:15:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			0	34403	2	Standard
	Cl	**37**		ug/L			0	6364079	0	Standard
⌈>	**Sc**	**45**		ug/L			0	1378076	1	Standard
|	**Cr**	**52**		ug/L			0	23204	1	Standard
|	**Cr**	**53**		ug/L			0	229	3	Standard
⌊	**Mn**	**55**		ug/L			0	1381	1	Standard
⌈>	**Ge**	**72**		ug/L			0	103391	1	KED
|	**Ni**	**60**		ug/L			0	41	4	KED
|	**Ni**	**62**		ug/L			0	8	24	KED
|	**Cu**	**63**		ug/L			0	94	2	KED
|	**Cu**	**65**		ug/L			0	52	26	KED
|	**Zn**	**66**		ug/L			0	325	1	KED
|	**Zn**	**67**		ug/L			0	53	10	KED
|	**As**	**75**		ug/L			0	7	22	KED
⌊	**Se**	**78**		ug/L			0	18	22	KED
	Y	**89**		ug/L			0	674041	1	Standard
	Kr	**83**		ug/L			0	300	8	Standard
⌈>	**In-1**	**115**		ug/L			0	27695	2	KED
|	**Mo**	**98**		ug/L			0	40	23	KED
|	**Cd**	**111**		ug/L			0	6	18	KED
⌊	**Cd**	**114**		ug/L			0	5	49	KED
⌈>	**In**	**115**		ug/L			0	1239011	0	Standard
|	**Ag**	**107**		ug/L			0	65	22	Standard
|	**Ba**	**135**		ug/L			0	93	18	Standard
⌊	**Ba**	**137**		ug/L			0	174	7	Standard
⌈>	**Tb**	**159**		ug/L			0	2432067	0	Standard
⌊	**Pb**	**208**		ug/L			0	775	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:19:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				29587	1	Standard
	Cl	**37**		ug/L				6351901	0	Standard
>	**Sc**	**45**		ug/L				1373317	1	Standard
	Cr	**52**		ug/L				22922	2	Standard
	Cr	**53**		ug/L				225	5	Standard
	Mn	**55**		ug/L				1193	5	Standard
>	**Ge**	**72**		ug/L				104285	0	KED
	Ni	**60**		ug/L				39	21	KED
	Ni	**62**		ug/L				5	66	KED
	Cu	**63**		ug/L				99	5	KED
	Cu	**65**		ug/L				43	13	KED
	Zn	**66**		ug/L				252	5	KED
	Zn	**67**		ug/L				36	15	KED
	As	**75**		ug/L				4	38	KED
	Se	**78**		ug/L				18	13	KED
	Y	**89**		ug/L				663496	0	Standard
	Kr	**83**		ug/L				309	15	Standard
>	**In-1**	**115**		ug/L				27472	1	KED
	Mo	**98**		ug/L				20	41	KED
	Cd	**111**		ug/L				4	34	KED
	Cd	**114**		ug/L				2	95	KED
>	**In**	**115**		ug/L				1233845	1	Standard
	Ag	**107**		ug/L				36	9	Standard
	Ba	**135**		ug/L				67	18	Standard
	Ba	**137**		ug/L				123	9	Standard
>	**Tb**	**159**		ug/L				2424116	0	Standard
	Pb	**208**		ug/L				593	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:24:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	34212	1	Standard
	Cl	**37**		ug/L			6351901	6378182	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1383894	2	Standard
|	**Cr**	**52**	**0.500**	ug/L	0.016	3	22922	36825	2	Standard
|	**Cr**	**53**	**0.500**	ug/L	0.017	3	225	1894	1	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.011	2	1193	23606	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	103423	0	KED
|	**Ni**	**60**	**0.500**	ug/L	0.038	7	39	940	7	KED
|	**Ni**	**62**	**0.500**	ug/L	0.031	6	5	144	5	KED
|	**Cu**	**63**	**0.500**	ug/L	0.021	4	99	2691	3	KED
|	**Cu**	**65**	**0.500**	ug/L	0.013	2	43	1363	1	KED
|	**Zn**	**66**	**4.000**	ug/L	0.121	3	252	5061	2	KED
|	**Zn**	**67**	**4.000**	ug/L	0.201	5	36	795	4	KED
|	**As**	**75**	**0.200**	ug/L	0.023	11	4	85	11	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.079	15	18	37	8	KED
	Y	**89**		ug/L			663496	674110	2	Standard
	Kr	**83**		ug/L			309	318	5	Standard
⌈>	**In-1**	**115**		ug/L			27472	27512	1	KED
|	**Mo**	**98**	**0.200**	ug/L	0.010	5	20	385	6	KED
|	**Cd**	**111**	**0.100**	ug/L	0.011	10	4	49	9	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.007	6	2	118	5	KED
⌈>	**In**	**115**		ug/L			1233845	1232910	1	Standard
|	**Ag**	**107**	**0.200**	ug/L	0.001	0	36	3625	1	Standard
|	**Ba**	**135**	**0.500**	ug/L	0.022	4	67	3976	2	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.009	1	123	6946	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2439395	0	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.001	0	593	13241	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:28:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	52266	1	Standard
	Cl	**37**		ug/L			6351901	6507521	2	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1394838	2	Standard
|	**Cr**	**52**	**10.002**	ug/L	0.211	2	22922	322876	1	Standard
|	**Cr**	**53**	**10.002**	ug/L	0.273	2	225	36091	1	Standard
⌊	**Mn**	**55**	**10.000**	ug/L	0.193	1	1193	454193	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	105893	1	KED
|	**Ni**	**60**	**10.000**	ug/L	0.117	1	39	18498	0	KED
|	**Ni**	**62**	**10.001**	ug/L	0.366	3	5	3027	3	KED
|	**Cu**	**63**	**10.000**	ug/L	0.069	0	99	53422	1	KED
|	**Cu**	**65**	**9.999**	ug/L	0.166	1	43	26319	1	KED
|	**Zn**	**66**	**9.339**	ug/L	0.192	2	252	8396	1	KED
|	**Zn**	**67**	**9.431**	ug/L	0.140	1	36	1389	0	KED
|	**As**	**75**	**10.000**	ug/L	0.030	0	4	3969	1	KED
⌊	**Se**	**78**	**10.006**	ug/L	0.172	1	18	503	1	KED
	Y	**89**		ug/L			663496	692262	1	Standard
	Kr	**83**		ug/L			309	301	6	Standard
⌈>	**In-1**	**115**		ug/L			27472	28076	0	KED
|	**Mo**	**98**	**10.000**	ug/L	0.126	1	20	19019	0	KED
|	**Cd**	**111**	**10.000**	ug/L	0.039	0	4	4535	0	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.036	0	2	11390	1	KED
⌈>	**In**	**115**		ug/L			1233845	1262401	1	Standard
|	**Ag**	**107**	**10.000**	ug/L	0.132	1	36	177952	0	Standard
|	**Ba**	**135**	**10.000**	ug/L	0.092	0	67	79870	1	Standard
⌊	**Ba**	**137**	**10.000**	ug/L	0.218	2	123	142305	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2459632	0	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.127	1	593	1143468	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:32:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	45456	0	Standard
	Cl	**37**		ug/L			6351901	6635542	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1415334	1	Standard
|	**Cr**	**52**	**19.943**	ug/L	0.152	0	22922	623190	1	Standard
|	**Cr**	**53**	**19.950**	ug/L	0.335	1	225	72113	0	Standard
⌊	**Mn**	**55**	**19.992**	ug/L	0.220	1	1193	918799	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	104253	0	KED
|	**Ni**	**60**	**20.015**	ug/L	0.355	1	39	36517	1	KED
|	**Ni**	**62**	**19.901**	ug/L	0.387	1	5	5811	1	KED
|	**Cu**	**63**	**20.025**	ug/L	0.108	0	99	105742	1	KED
|	**Cu**	**65**	**20.019**	ug/L	0.472	2	43	52022	1	KED
|	**Zn**	**66**	**19.822**	ug/L	0.304	1	252	16757	1	KED
|	**Zn**	**67**	**19.685**	ug/L	0.282	1	36	2671	0	KED
|	**As**	**75**	**20.106**	ug/L	0.238	1	4	8024	0	KED
⌊	**Se**	**78**	**20.024**	ug/L	0.726	3	18	977	2	KED
	Y	**89**		ug/L			663496	693530	0	Standard
	Kr	**83**		ug/L			309	342	0	Standard
⌈>	**In-1**	**115**		ug/L			27472	27919	0	KED
|	**Mo**	**98**	**20.117**	ug/L	0.206	1	20	38937	1	KED
|	**Cd**	**111**	**20.026**	ug/L	0.355	1	4	9074	1	KED
⌊	**Cd**	**114**	**20.005**	ug/L	0.172	0	2	22678	0	KED
⌈>	**In**	**115**		ug/L			1233845	1259581	1	Standard
|	**Ag**	**107**	**20.045**	ug/L	0.406	2	36	359103	1	Standard
|	**Ba**	**135**	**20.068**	ug/L	0.261	1	67	162053	1	Standard
⌊	**Ba**	**137**	**20.019**	ug/L	0.499	2	123	285181	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2496864	0	Standard
⌊	**Pb**	**208**	**19.949**	ug/L	0.203	1	593	2291671	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:37:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	30090	1	Standard
	Cl	**37**		ug/L			6351901	6699296	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1391007	0	Standard
|	**Cr**	**52**	**49.802**	ug/L	1.353	2	22922	1465907	1	Standard
|	**Cr**	**53**	**49.904**	ug/L	0.752	1	225	175277	0	Standard
⌊	**Mn**	**55**	**48.673**	ug/L	0.931	1	1193	1939578	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	101641	0	KED
|	**Ni**	**60**	**49.767**	ug/L	0.140	0	39	86464	0	KED
|	**Ni**	**62**	**49.919**	ug/L	1.084	2	5	14090	1	KED
|	**Cu**	**63**	**49.678**	ug/L	0.265	0	99	247628	0	KED
|	**Cu**	**65**	**49.902**	ug/L	0.206	0	43	125158	0	KED
|	**Zn**	**66**	**49.556**	ug/L	0.444	0	252	38817	1	KED
|	**Zn**	**67**	**49.543**	ug/L	0.596	1	36	6228	1	KED
|	**As**	**75**	**49.947**	ug/L	0.385	0	4	19327	0	KED
⌊	**Se**	**78**	**50.009**	ug/L	1.041	2	18	2355	1	KED
	Y	**89**		ug/L			663496	688146	1	Standard
	Kr	**83**		ug/L			309	314	4	Standard
⌈>	**In-1**	**115**		ug/L			27472	26979	0	KED
|	**Mo**	**98**	**50.246**	ug/L	0.278	0	20	96323	0	KED
|	**Cd**	**111**	**49.884**	ug/L	0.180	0	4	21586	1	KED
⌊	**Cd**	**114**	**50.039**	ug/L	0.718	1	2	55024	1	KED
⌈>	**In**	**115**		ug/L			1233845	1211948	1	Standard
|	**Ag**	**107**	**49.986**	ug/L	0.693	1	36	860358	1	Standard
|	**Ba**	**135**	**50.220**	ug/L	1.127	2	67	398794	0	Standard
⌊	**Ba**	**137**	**50.166**	ug/L	0.898	1	123	699092	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2475558	1	Standard
⌊	**Pb**	**208**	**49.530**	ug/L	0.202	0	593	5387034	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:44:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	40220	2	Standard
	Cl	**37**		ug/L			6351901	6622322	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1345047	0	Standard
|	**Cr**	**52**	**97.686**	ug/L	1.219	1	22922	2563016	0	Standard
|	**Cr**	**53**	**100.337**	ug/L	0.413	0	225	344429	0	Standard
⌊	**Mn**	**55**	**99.955**	ug/L	0.820	0	1193	3844964	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	99437	2	KED
|	**Ni**	**60**	**100.704**	ug/L	2.747	2	39	175151	0	KED
|	**Ni**	**62**	**100.770**	ug/L	2.458	2	5	28544	1	KED
|	**Cu**	**63**	**100.502**	ug/L	2.693	2	99	498114	0	KED
|	**Cu**	**65**	**100.195**	ug/L	1.945	1	43	247322	0	KED
|	**Zn**	**66**	**100.258**	ug/L	1.798	1	252	77218	1	KED
|	**Zn**	**67**	**100.580**	ug/L	1.383	1	36	12571	1	KED
|	**As**	**75**	**100.901**	ug/L	2.002	1	4	39362	0	KED
⌊	**Se**	**78**	**100.553**	ug/L	1.330	1	18	4700	2	KED
	Y	**89**		ug/L			663496	661600	1	Standard
	Kr	**83**		ug/L			309	320	4	Standard
⌈>	**In-1**	**115**		ug/L			27472	26917	2	KED
|	**Mo**	**98**	**100.381**	ug/L	3.130	3	20	194354	1	KED
|	**Cd**	**111**	**100.178**	ug/L	2.122	2	4	43492	0	KED
⌊	**Cd**	**114**	**100.056**	ug/L	1.764	1	2	109953	0	KED
⌈>	**In**	**115**		ug/L			1233845	1183420	1	Standard
|	**Ag**	**107**	**99.928**	ug/L	1.962	1	36	1675134	0	Standard
|	**Ba**	**135**	**100.390**	ug/L	3.179	3	67	788481	1	Standard
⌊	**Ba**	**137**	**100.762**	ug/L	1.103	1	123	1406695	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2416788	0	Standard
⌊	**Pb**	**208**	**99.300**	ug/L	1.019	1	593	10303352	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:51:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28994	1	Standard
	Cl	**37**		ug/L			6351901	6445178	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1371719	0	Standard
|	**Cr**	**52**	**-0.032**	ug/L	0.008	23	22922	22035	0	Standard
|	**Cr**	**53**	**-0.006**	ug/L	0.005	76	225	203	8	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.001	24	1193	1421	3	Standard
⌈>	**Ge**	**72**		ug/L			104285	104087	1	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.003	128	39	35	11	KED
|	**Ni**	**62**	**0.009**	ug/L	0.010	112	5	8	35	KED
|	**Cu**	**63**	**0.000**	ug/L	0.001	255	99	100	6	KED
|	**Cu**	**65**	**0.007**	ug/L	0.003	48	43	62	12	KED
|	**Zn**	**66**	**-0.002**	ug/L	0.005	281	252	250	2	KED
|	**Zn**	**67**	**0.049**	ug/L	0.066	134	36	43	20	KED
|	**As**	**75**	**0.009**	ug/L	0.006	65	4	7	29	KED
⌊	**Se**	**78**	**0.077**	ug/L	0.093	121	18	22	18	KED
	Y	**89**		ug/L			663496	677523	2	Standard
	Kr	**83**		ug/L			309	325	6	Standard
⌈>	**In-1**	**115**		ug/L			27472	27632	0	KED
|	**Mo**	**98**	**0.045**	ug/L	0.007	15	20	110	12	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.007	230	4	3	83	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.001	22	2	7	13	KED
⌈>	**In**	**115**		ug/L			1233845	1199069	1	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	22	36	122	14	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.002	122	67	77	19	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	179	123	127	9	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2446808	1	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.001	37	593	878	10	Standard

Sample Information

Sample Date/Time: Monday, July 19, 2021 15:44:03
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Cr	52	**0.9991**	0.019	0.50	10	20	50	100
Cr	53	**1.0000**	0.003	0.50	10	20	50	100
Mn	55	**0.9996**	0.029	0.50	10	20	50	100
Ge	72							
Ni	60	**0.9999**	0.017	0.50	10	20	50	100
Ni	62	**0.9999**	0.003	0.50	10	20	50	100
Cu	63	**0.9999**	0.050	0.50	10	20	50	100
Cu	65	**1.0000**	0.025	0.50	10	20	50	100
Zn	66	**0.9998**	0.008	4.00	10	20	50	100
Zn	67	**0.9998**	0.001	4.00	10	20	50	100
As	75	**0.9999**	0.004	0.20	10	20	50	100
Se	78	**0.9999**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**1.0000**	0.072	0.20	10	20	50	100
Cd	111	**1.0000**	0.016	0.10	10	20	50	100
Cd	114	**1.0000**	0.041	0.10	10	20	50	100
In	115							
Ag	107	**1.0000**	0.014	0.20	10	20	50	100
Ba	135	**1.0000**	0.007	0.50	10	20	50	100
Ba	137	**0.9999**	0.012	0.50	10	20	50	100
Tb	159							
Pb	208	**0.9999**	0.043	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:00:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	33773	2	Standard
	Cl	**37**		ug/L			6351901	6540762	2	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1378864	0	Standard
|	**Cr**	**52**	**54.948**	ug/L	0.567	1	22922	1488005	0	Standard
|	**Cr**	**53**	**49.208**	ug/L	0.731	1	225	173267	0	Standard
⌊	**Mn**	**55**	**50.008**	ug/L	0.189	0	1193	1972594	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	101744	2	KED
|	**Ni**	**60**	**49.418**	ug/L	0.658	1	39	87995	0	KED
|	**Ni**	**62**	**50.072**	ug/L	1.119	2	5	14517	0	KED
|	**Cu**	**63**	**50.242**	ug/L	0.953	1	99	254903	0	KED
|	**Cu**	**65**	**49.388**	ug/L	0.884	1	43	124781	1	KED
|	**Zn**	**66**	**48.164**	ug/L	1.338	2	252	38086	1	KED
|	**Zn**	**67**	**47.789**	ug/L	0.484	1	36	6131	1	KED
|	**As**	**75**	**48.163**	ug/L	0.205	0	4	19235	2	KED
⌊	**Se**	**78**	**74.975**	ug/L	0.968	1	18	3591	2	KED
	Y	**89**		ug/L			663496	675955	0	Standard
	Kr	**83**		ug/L			309	323	6	Standard
⌈>	**In-1**	**115**		ug/L			27472	27190	1	KED
|	**Mo**	**98**	**49.780**	ug/L	0.464	0	20	97403	1	KED
|	**Cd**	**111**	**49.124**	ug/L	0.377	0	4	21549	0	KED
⌊	**Cd**	**114**	**49.981**	ug/L	0.418	0	2	55492	0	KED
⌈>	**In**	**115**		ug/L			1233845	1201050	1	Standard
|	**Ag**	**107**	**50.082**	ug/L	0.243	0	36	852319	2	Standard
|	**Ba**	**135**	**48.272**	ug/L	1.284	2	67	384847	0	Standard
⌊	**Ba**	**137**	**48.470**	ug/L	1.244	2	123	686708	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2492746	1	Standard
⌊	**Pb**	**208**	**50.157**	ug/L	0.343	0	593	5367716	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 16:07:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	29018	2	Standard
	Cl	**37**		ug/L			6351901	6472949	1	Standard
>	**Sc**	**45**		ug/L			1373317	1366505	1	Standard
	Cr	**52**	**-0.024**	ug/L	0.020	81	22922	22163	0	Standard
	Cr	**53**	**-0.002**	ug/L	0.002	83	225	216	5	Standard
	Mn	**55**	**0.000**	ug/L	0.001	22078	1193	1187	2	Standard
>	**Ge**	**72**		ug/L			104285	96765	11	KED
	Ni	**60**	**-0.002**	ug/L	0.006	259	39	31	18	KED
	Ni	**62**	**0.009**	ug/L	0.014	152	5	7	43	KED
	Cu	**63**	**0.001**	ug/L	0.001	64	99	96	10	KED
	Cu	**65**	**0.004**	ug/L	0.003	81	43	50	25	KED
	Zn	**66**	**0.012**	ug/L	0.020	170	252	243	17	KED
	Zn	**67**	**-0.038**	ug/L	0.110	290	36	28	33	KED
	As	**75**	**0.004**	ug/L	0.003	67	4	5	30	KED
	Se	**78**	**0.030**	ug/L	0.122	402	18	18	16	KED
	Y	**89**		ug/L			663496	663638	1	Standard
	Kr	**83**		ug/L			309	317	7	Standard
>	**In-1**	**115**		ug/L			27472	27003	1	KED
	Mo	**98**	**0.020**	ug/L	0.010	50	20	59	34	KED
	Cd	**111**	**-0.001**	ug/L	0.003	201	4	4	26	KED
	Cd	**114**	**0.001**	ug/L	0.003	527	2	3	104	KED
>	**In**	**115**		ug/L			1233845	1200399	3	Standard
	Ag	**107**	**0.003**	ug/L	0.000	13	36	86	11	Standard
	Ba	**135**	**0.002**	ug/L	0.001	74	67	79	11	Standard
	Ba	**137**	**-0.001**	ug/L	0.001	172	123	109	15	Standard
>	**Tb**	**159**		ug/L			2424116	2412470	0	Standard
	Pb	**208**	**0.002**	ug/L	0.000	12	593	788	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:12:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28595	1	Standard
	Cl	**37**		ug/L			6351901	6298546	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1356957	1	Standard
|	**Cr**	**52**	**-0.007**	ug/L	0.020	271	22922	22451	1	Standard
|	**Cr**	**53**	**-0.006**	ug/L	0.007	116	225	203	11	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	244	1193	1165	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	103505	0	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.003	46	39	28	17	KED
|	**Ni**	**62**	**0.000**	ug/L	0.013	10506	5	5	66	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.001	254	99	96	5	KED
|	**Cu**	**65**	**0.004**	ug/L	0.005	130	43	53	23	KED
|	**Zn**	**66**	**0.010**	ug/L	0.045	462	252	257	13	KED
|	**Zn**	**67**	**0.085**	ug/L	0.045	53	36	47	12	KED
|	**As**	**75**	**-0.000**	ug/L	0.004	1358	4	4	40	KED
⌊	**Se**	**78**	**0.028**	ug/L	0.113	404	18	19	28	KED
	Y	**89**		ug/L			663496	667062	1	Standard
	Kr	**83**		ug/L			309	299	4	Standard
⌈>	**In-1**	**115**		ug/L			27472	27403	0	KED
|	**Mo**	**98**	**0.000**	ug/L	0.003	8930	20	20	27	KED
|	**Cd**	**111**	**-0.005**	ug/L	0.003	66	4	2	57	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	369	2	2	90	KED
⌈>	**In**	**115**		ug/L			1233845	1217459	1	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	157	36	42	25	Standard
|	**Ba**	**135**	**0.000**	ug/L	0.001	3093	67	67	13	Standard
⌊	**Ba**	**137**	**-0.002**	ug/L	0.000	10	123	100	3	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2404634	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	29	593	726	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:19:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28988	1	Standard
	Cl	**37**		ug/L			6351901	6536966	2	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1349914	2	Standard
⎢	**Cr**	**52**	**54.029**	ug/L	1.015	1	22922	1432502	0	Standard
⎢	**Cr**	**53**	**48.801**	ug/L	0.940	1	225	168212	1	Standard
⎣	**Mn**	**55**	**48.746**	ug/L	0.930	1	1193	1882090	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	101846	0	KED
⎢	**Ni**	**60**	**49.178**	ug/L	1.090	2	39	87661	1	KED
⎢	**Ni**	**62**	**48.423**	ug/L	0.671	1	5	14056	0	KED
⎢	**Cu**	**63**	**49.276**	ug/L	0.617	1	99	250294	0	KED
⎢	**Cu**	**65**	**49.447**	ug/L	1.036	2	43	125070	1	KED
⎢	**Zn**	**66**	**48.744**	ug/L	1.125	2	252	38586	1	KED
⎢	**Zn**	**67**	**49.653**	ug/L	0.900	1	36	6376	1	KED
⎢	**As**	**75**	**48.396**	ug/L	0.777	1	4	19344	1	KED
⎣	**Se**	**78**	**48.845**	ug/L	0.709	1	18	2348	1	KED
	Y	**89**		ug/L			663496	672566	1	Standard
	Kr	**83**		ug/L			309	325	7	Standard
⎡>	**In-1**	**115**		ug/L			27472	27331	0	KED
⎢	**Mo**	**98**	**48.219**	ug/L	1.032	2	20	94840	1	KED
⎢	**Cd**	**111**	**48.420**	ug/L	1.001	2	4	21350	1	KED
⎣	**Cd**	**114**	**49.462**	ug/L	0.223	0	2	55204	0	KED
⎡>	**In**	**115**		ug/L			1233845	1214560	1	Standard
⎢	**Ag**	**107**	**48.332**	ug/L	0.569	1	36	831838	2	Standard
⎢	**Ba**	**135**	**47.601**	ug/L	0.665	1	67	383845	0	Standard
⎣	**Ba**	**137**	**48.061**	ug/L	0.785	1	123	688680	0	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2462411	0	Standard
⎣	**Pb**	**208**	**49.383**	ug/L	0.752	1	593	5220681	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:26:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28949	1	Standard
	Cl	**37**		ug/L			6351901	6407298	0	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1351766	1	Standard
⎢	**Cr**	**52**	**-0.012**	ug/L	0.012	97	22922	22249	0	Standard
⎢	**Cr**	**53**	**-0.002**	ug/L	0.003	166	225	216	5	Standard
⎣	**Mn**	**55**	**0.001**	ug/L	0.001	84	1193	1207	3	Standard
⎡>	**Ge**	**72**		ug/L			104285	102583	1	KED
⎢	**Ni**	**60**	**-0.004**	ug/L	0.005	149	39	32	31	KED
⎢	**Ni**	**62**	**0.000**	ug/L	0.013	5540	5	5	66	KED
⎢	**Cu**	**63**	**-0.001**	ug/L	0.003	477	99	93	18	KED
⎢	**Cu**	**65**	**0.005**	ug/L	0.005	93	43	56	21	KED
⎢	**Zn**	**66**	**-0.001**	ug/L	0.028	5040	252	247	9	KED
⎢	**Zn**	**67**	**0.020**	ug/L	0.065	325	36	38	20	KED
⎢	**As**	**75**	**0.009**	ug/L	0.004	41	4	7	18	KED
⎣	**Se**	**78**	**0.031**	ug/L	0.079	252	18	19	18	KED
	Y	**89**		ug/L			663496	660441	1	Standard
	Kr	**83**		ug/L			309	293	13	Standard
⎡>	**In-1**	**115**		ug/L			27472	27536	1	KED
⎢	**Mo**	**98**	**0.029**	ug/L	0.002	8	20	77	6	KED
⎢	**Cd**	**111**	**-0.004**	ug/L	0.000	2	4	2	0	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.003	166	2	4	62	KED
⎡>	**In**	**115**		ug/L			1233845	1203836	2	Standard
⎢	**Ag**	**107**	**0.003**	ug/L	0.001	29	36	86	17	Standard
⎢	**Ba**	**135**	**-0.002**	ug/L	0.001	47	67	50	15	Standard
⎣	**Ba**	**137**	**-0.000**	ug/L	0.001	215	123	116	7	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2412755	1	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.000	19	593	759	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:31:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	36942	2	Standard
	Cl	**37**		ug/L			6351901	6321230	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1345581	0	Standard
|	**Cr**	**52**	**0.556**	ug/L	0.019	3	22922	36928	1	Standard
|	**Cr**	**53**	**0.483**	ug/L	0.004	0	225	1877	0	Standard
⌊	**Mn**	**55**	**0.557**	ug/L	0.006	1	1193	22602	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	102293	2	KED
|	**Ni**	**60**	**0.476**	ug/L	0.009	1	39	891	4	KED
|	**Ni**	**62**	**0.477**	ug/L	0.058	12	5	144	13	KED
|	**Cu**	**63**	**0.494**	ug/L	0.007	1	99	2618	1	KED
|	**Cu**	**65**	**0.484**	ug/L	0.020	4	43	1270	1	KED
|	**Zn**	**66**	**5.815**	ug/L	0.145	2	252	4839	0	KED
|	**Zn**	**67**	**5.358**	ug/L	0.369	6	36	722	4	KED
|	**As**	**75**	**0.183**	ug/L	0.014	7	4	77	5	KED
⌊	**Se**	**78**	**0.445**	ug/L	0.072	16	18	39	7	KED
	Y	**89**		ug/L			663496	668452	0	Standard
	Kr	**83**		ug/L			309	273	7	Standard
⌈>	**In-1**	**115**		ug/L			27472	27872	1	KED
|	**Mo**	**98**	**0.177**	ug/L	0.014	8	20	376	5	KED
|	**Cd**	**111**	**0.094**	ug/L	0.015	15	4	46	14	KED
⌊	**Cd**	**114**	**0.111**	ug/L	0.011	9	2	130	10	KED
⌈>	**In**	**115**		ug/L			1233845	1203875	1	Standard
|	**Ag**	**107**	**0.200**	ug/L	0.008	4	36	3442	3	Standard
|	**Ba**	**135**	**0.471**	ug/L	0.023	4	67	3825	3	Standard
⌊	**Ba**	**137**	**0.463**	ug/L	0.013	2	123	6696	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2414510	0	Standard
⌊	**Pb**	**208**	**0.106**	ug/L	0.002	1	593	11572	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:37:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	166971	2	Standard
	Cl	**37**		ug/L			6351901	12693560	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1362319	1	Standard
|	**Cr**	**52**	**0.491**	ug/L	0.021	4	22922	35657	1	Standard
|	**Cr**	**53**	**8.159**	ug/L	0.099	1	225	28567	0	Standard
⌊	**Mn**	**55**	**0.075**	ug/L	0.003	3	1193	4114	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	97117	0	KED
|	**Ni**	**60**	**0.036**	ug/L	0.006	16	39	97	9	KED
|	**Ni**	**62**	**0.128**	ug/L	0.054	42	5	40	36	KED
|	**Cu**	**63**	**0.044**	ug/L	0.011	24	99	305	16	KED
|	**Cu**	**65**	**0.042**	ug/L	0.008	18	43	142	13	KED
|	**Zn**	**66**	**0.108**	ug/L	0.017	15	252	315	3	KED
|	**Zn**	**67**	**0.031**	ug/L	0.055	176	36	38	18	KED
|	**As**	**75**	**0.032**	ug/L	0.009	29	4	16	22	KED
⌊	**Se**	**78**	**0.072**	ug/L	0.111	152	18	20	24	KED
	Y	**89**		ug/L			663496	628151	2	Standard
	Kr	**83**		ug/L			309	379	6	Standard
⌈>	**In-1**	**115**		ug/L			27472	26399	0	KED
|	**Mo**	**98**	**386.500**	ug/L	9.833	2	20	734130	2	KED
|	**Cd**	**111**	**0.092**	ug/L	0.016	17	4	43	15	KED
⌊	**Cd**	**114**	**0.071**	ug/L	0.007	9	2	78	10	KED
⌈>	**In**	**115**		ug/L			1233845	1192033	0	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	18	36	120	12	Standard
|	**Ba**	**135**	**0.031**	ug/L	0.003	8	67	310	7	Standard
⌊	**Ba**	**137**	**0.029**	ug/L	0.003	10	123	530	7	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2500490	0	Standard
⌊	**Pb**	**208**	**0.015**	ug/L	0.000	1	593	2187	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:41:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	167975	1	Standard
	Cl	**37**		ug/L			6351901	12249237	1	Standard
>	**Sc**	**45**		ug/L			1373317	1338816	0	Standard
	Cr	**52**	**22.050**	ug/L	0.433	1	22922	593149	1	Standard
	Cr	**53**	**27.701**	ug/L	0.547	1	225	94803	1	Standard
	Mn	**55**	**22.386**	ug/L	0.184	0	1193	858009	0	Standard
>	**Ge**	**72**		ug/L			104285	95928	0	KED
	Ni	**60**	**19.644**	ug/L	0.121	0	39	33007	1	KED
	Ni	**62**	**19.878**	ug/L	0.486	2	5	5437	1	KED
	Cu	**63**	**19.391**	ug/L	0.279	1	99	92839	2	KED
	Cu	**65**	**19.328**	ug/L	0.153	0	43	46073	0	KED
	Zn	**66**	**20.652**	ug/L	0.312	1	252	15532	0	KED
	Zn	**67**	**19.963**	ug/L	0.701	3	36	2435	3	KED
	As	**75**	**20.846**	ug/L	0.215	1	4	7851	1	KED
	Se	**78**	**0.038**	ug/L	0.091	240	18	18	21	KED
	Y	**89**		ug/L			663496	611199	0	Standard
	Kr	**83**		ug/L			309	373	7	Standard
>	**In-1**	**115**		ug/L			27472	26373	0	KED
	Mo	**98**	**391.755**	ug/L	6.743	1	20	743354	0	KED
	Cd	**111**	**20.627**	ug/L	0.418	2	4	8779	1	KED
	Cd	**114**	**20.803**	ug/L	0.244	1	2	22406	1	KED
>	**In**	**115**		ug/L			1233845	1225475	2	Standard
	Ag	**107**	**19.006**	ug/L	0.889	4	36	329729	1	Standard
	Ba	**135**	**0.046**	ug/L	0.005	9	67	441	5	Standard
	Ba	**137**	**0.042**	ug/L	0.001	1	123	730	2	Standard
>	**Tb**	**159**		ug/L			2424116	2494609	1	Standard
	Pb	**208**	**0.019**	ug/L	0.001	4	593	2658	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:47:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	52873	1	Standard
	Cl	**37**		ug/L			6351901	6619884	1	Standard
>	**Sc**	**45**		ug/L			1373317	1318480	1	Standard
	Cr	**52**	**187.274**	ug/L	3.437	1	22922	4796158	2	Standard
	Cr	**53**	**193.944**	ug/L	1.515	0	225	652377	1	Standard
	Mn	**55**	**191.267**	ug/L	3.092	1	1193	7209616	0	Standard
>	**Ge**	**72**		ug/L			104285	94900	1	KED
	Ni	**60**	**191.282**	ug/L	1.586	0	39	317615	0	KED
	Ni	**62**	**190.493**	ug/L	5.832	3	5	51497	1	KED
	Cu	**63**	**191.272**	ug/L	3.118	1	99	904946	0	KED
	Cu	**65**	**190.658**	ug/L	2.336	1	43	449229	0	KED
	Zn	**66**	**187.918**	ug/L	1.286	0	252	137966	1	KED
	Zn	**67**	**184.933**	ug/L	3.491	1	36	22033	1	KED
	As	**75**	**192.289**	ug/L	1.728	0	4	71606	0	KED
	Se	**78**	**186.757**	ug/L	0.098	0	18	8318	1	KED
	Y	**89**		ug/L			663496	618954	0	Standard
	Kr	**83**		ug/L			309	387	7	Standard
>	**In-1**	**115**		ug/L			27472	25937	2	KED
	Mo	**98**	**197.320**	ug/L	6.423	3	20	368058	0	KED
	Cd	**111**	**194.132**	ug/L	6.268	3	4	81182	0	KED
	Cd	**114**	**194.236**	ug/L	5.273	2	2	205621	0	KED
>	**In**	**115**		ug/L			1233845	1177753	0	Standard
	Ag	**107**	**172.972**	ug/L	1.938	1	36	2886415	1	Standard
	Ba	**135**	**187.869**	ug/L	1.999	1	67	1468969	0	Standard
	Ba	**137**	**172.517**	ug/L	3.026	1	123	2397016	1	Standard
>	**Tb**	**159**		ug/L			2424116	2411823	0	Standard
	Pb	**208**	**193.455**	ug/L	0.250	0	593	20031034	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:51:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	47383	0	Standard
	Cl	**37**		ug/L			6351901	6504714	1	Standard
>	**Sc**	**45**		ug/L			1373317	1281620	1	Standard
	Cr	**52**	**279.829**	ug/L	1.470	0	22922	6955826	1	Standard
	Cr	**53**	**286.661**	ug/L	1.790	0	225	937190	1	Standard
	Mn	**55**	**284.204**	ug/L	2.595	0	1193	10414433	1	Standard
>	**Ge**	**72**		ug/L			104285	93537	1	KED
	Ni	**60**	**284.570**	ug/L	3.901	1	39	465693	0	KED
	Ni	**62**	**281.670**	ug/L	1.711	0	5	75069	0	KED
	Cu	**63**	**279.884**	ug/L	2.997	1	99	1305219	0	KED
	Cu	**65**	**277.328**	ug/L	1.544	0	43	644073	0	KED
	Zn	**66**	**269.063**	ug/L	1.066	0	252	194610	0	KED
	Zn	**67**	**265.040**	ug/L	3.639	1	36	31111	0	KED
	As	**75**	**285.086**	ug/L	3.268	1	4	104636	0	KED
	Se	**78**	**272.477**	ug/L	5.992	2	18	11952	0	KED
	Y	**89**		ug/L			663496	601101	2	Standard
	Kr	**83**		ug/L			309	448	4	Standard
>	**In-1**	**115**		ug/L			27472	24959	0	KED
	Mo	**98**	**303.112**	ug/L	3.112	1	20	544379	1	KED
	Cd	**111**	**282.684**	ug/L	1.510	0	4	113822	0	KED
	Cd	**114**	**284.221**	ug/L	5.383	1	2	289675	1	KED
>	**In**	**115**		ug/L			1233845	1101136	1	Standard
	Ag	**107**	**252.855**	ug/L	12.412	4	36	3943674	4	Standard
	Ba	**135**	**264.087**	ug/L	2.079	0	67	1930490	1	Standard
	Ba	**137**	**259.206**	ug/L	5.556	2	123	3366866	1	Standard
>	**Tb**	**159**		ug/L			2424116	2311234	0	Standard
	Pb	**208**	**280.900**	ug/L	1.118	0	593	27871965	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 17:01:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	45308	3	Standard
	Cl	37		ug/L			6351901	6513716	1	Standard
>	Sc	45		ug/L			1373317	1261254	0	Standard
	Cr	52	278.992	ug/L	6.648	2	22922	6825006	2	Standard
	Cr	53	286.241	ug/L	2.932	1	225	921012	1	Standard
	Mn	55	281.971	ug/L	3.311	1	1193	10168604	1	Standard
>	Ge	72		ug/L			104285	92986	2	KED
	Ni	60	283.953	ug/L	2.675	0	39	461955	1	KED
	Ni	62	282.106	ug/L	5.850	2	5	74731	1	KED
	Cu	63	275.796	ug/L	4.098	1	99	1278487	1	KED
	Cu	65	276.105	ug/L	4.608	1	43	637341	0	KED
	Zn	66	266.308	ug/L	2.500	0	252	191469	1	KED
	Zn	67	268.535	ug/L	3.098	1	36	31335	1	KED
	As	75	280.699	ug/L	4.020	1	4	102423	2	KED
	Se	78	271.249	ug/L	2.888	1	18	11829	1	KED
	Y	89		ug/L			663496	620309	1	Standard
	Kr	83		ug/L			309	506	6	Standard
>	In-1	115		ug/L			27472	25380	1	KED
	Mo	98	292.791	ug/L	4.536	1	20	534640	0	KED
	Cd	111	274.269	ug/L	5.641	2	4	112275	0	KED
	Cd	114	277.878	ug/L	5.843	2	2	287945	1	KED
>	In	115		ug/L			1233845	1099410	3	Standard
	Ag	107	256.502	ug/L	10.523	4	36	3992712	2	Standard
	Ba	135	265.874	ug/L	7.915	2	67	1939454	1	Standard
	Ba	137	261.604	ug/L	8.329	3	123	3390846	0	Standard
>	Tb	159		ug/L			2424116	2346449	0	Standard
	Pb	208	273.905	ug/L	2.608	0	593	27592288	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:08:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	36793	1	Standard
	Cl	**37**		ug/L			6351901	6533315	2	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1334476	1	Standard
⎢	**Cr**	**52**	**0.001**	ug/L	0.025	2228	22922	22295	1	Standard
⎢	**Cr**	**53**	**0.088**	ug/L	0.008	9	225	518	4	Standard
⎣	**Mn**	**55**	**0.011**	ug/L	0.001	5	1193	1590	0	Standard
⎡>	**Ge**	**72**		ug/L			104285	101007	2	KED
⎢	**Ni**	**60**	**0.004**	ug/L	0.005	117	39	45	15	KED
⎢	**Ni**	**62**	**0.007**	ug/L	0.013	179	5	7	50	KED
⎢	**Cu**	**63**	**0.013**	ug/L	0.004	28	99	162	9	KED
⎢	**Cu**	**65**	**0.012**	ug/L	0.006	45	43	73	21	KED
⎢	**Zn**	**66**	**0.280**	ug/L	0.036	12	252	462	3	KED
⎢	**Zn**	**67**	**0.275**	ug/L	0.071	25	36	70	11	KED
⎢	**As**	**75**	**0.060**	ug/L	0.004	6	4	28	3	KED
⎣	**Se**	**78**	**0.115**	ug/L	0.062	53	18	23	9	KED
	Y	**89**		ug/L			663496	659764	0	Standard
	Kr	**83**		ug/L			309	320	9	Standard
⎡>	**In-1**	**115**		ug/L			27472	26490	2	KED
⎢	**Mo**	**98**	**0.095**	ug/L	0.016	16	20	200	12	KED
⎢	**Cd**	**111**	**0.003**	ug/L	0.012	455	4	5	92	KED
⎣	**Cd**	**114**	**0.010**	ug/L	0.006	63	2	13	49	KED
⎡>	**In**	**115**		ug/L			1233845	1149531	1	Standard
⎢	**Ag**	**107**	**0.013**	ug/L	0.002	16	36	246	13	Standard
⎢	**Ba**	**135**	**0.009**	ug/L	0.004	43	67	129	20	Standard
⎣	**Ba**	**137**	**0.008**	ug/L	0.002	20	123	225	8	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2427411	0	Standard
⎣	**Pb**	**208**	**0.008**	ug/L	0.000	3	593	1422	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:14:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	36793	3	Standard
	Cl	**37**		ug/L			6351901	6402988	3	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1241994	13	Standard
|	**Cr**	**52**	**0.063**	ug/L	0.100	159	22922	22017	4	Standard
|	**Cr**	**53**	**0.063**	ug/L	0.021	33	225	397	3	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.005	56	1193	1367	2	Standard
⌈>	**Ge**	**72**		ug/L			104285	100646	1	KED
|	**Ni**	**60**	**0.004**	ug/L	0.002	52	39	44	8	KED
|	**Ni**	**62**	**0.025**	ug/L	0.016	64	5	12	37	KED
|	**Cu**	**63**	**0.009**	ug/L	0.002	22	99	139	6	KED
|	**Cu**	**65**	**0.009**	ug/L	0.013	144	43	64	50	KED
|	**Zn**	**66**	**0.275**	ug/L	0.053	19	252	457	10	KED
|	**Zn**	**67**	**0.095**	ug/L	0.057	59	36	47	16	KED
|	**As**	**75**	**0.027**	ug/L	0.004	14	4	14	12	KED
⌊	**Se**	**78**	**0.070**	ug/L	0.015	21	18	21	4	KED
	Y	**89**		ug/L			663496	615886	12	Standard
	Kr	**83**		ug/L			309	307	7	Standard
⌈>	**In-1**	**115**		ug/L			27472	26739	2	KED
|	**Mo**	**98**	**0.029**	ug/L	0.003	11	20	74	6	KED
|	**Cd**	**111**	**0.006**	ug/L	0.005	88	4	6	28	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.001	12	2	10	10	KED
⌈>	**In**	**115**		ug/L			1233845	1061864	12	Standard
|	**Ag**	**107**	**0.006**	ug/L	0.001	18	36	115	16	Standard
|	**Ba**	**135**	**0.006**	ug/L	0.002	37	67	100	26	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.001	20	123	176	7	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2222424	10	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.001	20	593	1116	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:20:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	30349	0	Standard
	Cl	**37**		ug/L			6351901	6629189	2	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1341796	1	Standard
⎢	**Cr**	**52**	**54.347**	ug/L	0.673	1	22922	1432319	0	Standard
⎢	**Cr**	**53**	**49.337**	ug/L	0.178	0	225	169067	1	Standard
⎣	**Mn**	**55**	**49.836**	ug/L	0.167	0	1193	1912970	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	101133	1	KED
⎢	**Ni**	**60**	**48.310**	ug/L	0.613	1	39	85523	2	KED
⎢	**Ni**	**62**	**48.016**	ug/L	0.273	0	5	13840	0	KED
⎢	**Cu**	**63**	**48.856**	ug/L	0.362	0	99	246432	1	KED
⎢	**Cu**	**65**	**48.422**	ug/L	0.452	0	43	121620	0	KED
⎢	**Zn**	**66**	**48.553**	ug/L	1.053	2	252	38165	1	KED
⎢	**Zn**	**67**	**48.469**	ug/L	1.530	3	36	6181	3	KED
⎢	**As**	**75**	**48.035**	ug/L	0.165	0	4	19067	1	KED
⎣	**Se**	**78**	**47.800**	ug/L	1.615	3	18	2281	2	KED
	Y	**89**		ug/L			663496	659623	1	Standard
	Kr	**83**		ug/L			309	296	5	Standard
⎡>	**In-1**	**115**		ug/L			27472	26671	1	KED
⎢	**Mo**	**98**	**48.975**	ug/L	0.317	0	20	94003	0	KED
⎢	**Cd**	**111**	**49.462**	ug/L	1.157	2	4	21281	1	KED
⎣	**Cd**	**114**	**49.247**	ug/L	0.441	0	2	53638	1	KED
⎡>	**In**	**115**		ug/L			1233845	1141011	0	Standard
⎢	**Ag**	**107**	**50.042**	ug/L	0.553	1	36	808994	0	Standard
⎢	**Ba**	**135**	**49.300**	ug/L	0.150	0	67	373522	0	Standard
⎣	**Ba**	**137**	**49.741**	ug/L	0.995	2	123	669650	1	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2428927	0	Standard
⎣	**Pb**	**208**	**49.776**	ug/L	0.136	0	593	5190938	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:27:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	29551	2	Standard
	Cl	**37**		ug/L			6351901	6596225	1	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1349524	1	Standard
⎢	**Cr**	**52**	**-0.035**	ug/L	0.024	68	22922	21615	1	Standard
⎢	**Cr**	**53**	**0.022**	ug/L	0.006	27	225	297	5	Standard
⎣	**Mn**	**55**	**0.003**	ug/L	0.001	36	1193	1290	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	100263	0	KED
⎢	**Ni**	**60**	**-0.002**	ug/L	0.004	259	39	34	22	KED
⎢	**Ni**	**62**	**0.019**	ug/L	0.010	56	5	10	26	KED
⎢	**Cu**	**63**	**0.006**	ug/L	0.002	26	99	123	5	KED
⎢	**Cu**	**65**	**0.003**	ug/L	0.003	94	43	50	15	KED
⎢	**Zn**	**66**	**0.012**	ug/L	0.025	216	252	251	7	KED
⎢	**Zn**	**67**	**0.006**	ug/L	0.017	265	36	36	5	KED
⎢	**As**	**75**	**0.017**	ug/L	0.002	11	4	10	7	KED
⎣	**Se**	**78**	**0.027**	ug/L	0.087	326	18	19	21	KED
	Y	**89**		ug/L			663496	647920	1	Standard
	Kr	**83**		ug/L			309	305	7	Standard
⎡>	**In-1**	**115**		ug/L			27472	26465	0	KED
⎢	**Mo**	**98**	**0.028**	ug/L	0.004	13	20	72	9	KED
⎢	**Cd**	**111**	**-0.001**	ug/L	0.005	426	4	4	48	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.001	49	2	4	19	KED
⎡>	**In**	**115**		ug/L			1233845	1197841	3	Standard
⎢	**Ag**	**107**	**0.003**	ug/L	0.001	39	36	92	26	Standard
⎢	**Ba**	**135**	**0.001**	ug/L	0.001	67	67	77	7	Standard
⎣	**Ba**	**137**	**0.000**	ug/L	0.001	169	123	126	10	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2385183	0	Standard
⎣	**Pb**	**208**	**0.005**	ug/L	0.000	4	593	1059	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:34:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	44914	1	Standard
	Cl	37		ug/L			6351901	6473806	0	Standard
>	Sc	45		ug/L			1373317	1369293	0	Standard
	Cr	52	0.218	ug/L	0.022	10	22922	28634	1	Standard
	Cr	53	0.209	ug/L	0.005	2	225	955	0	Standard
	Mn	55	0.271	ug/L	0.000	0	1193	11796	0	Standard
>	Ge	72		ug/L			104285	101612	1	KED
	Ni	60	0.004	ug/L	0.004	93	39	46	17	KED
	Ni	62	0.016	ug/L	0.003	21	5	10	10	KED
	Cu	63	0.009	ug/L	0.006	68	99	140	22	KED
	Cu	65	0.011	ug/L	0.003	24	43	71	10	KED
	Zn	66	0.605	ug/L	0.026	4	252	720	1	KED
	Zn	67	0.561	ug/L	0.176	31	36	107	20	KED
	As	75	0.009	ug/L	0.006	64	4	7	28	KED
	Se	78	0.035	ug/L	0.020	59	18	19	5	KED
	Y	89		ug/L			663496	658206	0	Standard
	Kr	83		ug/L			309	309	2	Standard
>	In-1	115		ug/L			27472	27076	0	KED
	Mo	98	0.035	ug/L	0.003	9	20	87	6	KED
	Cd	111	-0.003	ug/L	0.005	128	4	3	62	KED
	Cd	114	-0.002	ug/L	0.002	108	2	1	142	KED
>	In	115		ug/L			1233845	1213987	1	Standard
	Ag	107	0.002	ug/L	0.001	52	36	67	26	Standard
	Ba	135	0.003	ug/L	0.001	39	67	88	8	Standard
	Ba	137	0.000	ug/L	0.001	450	123	124	9	Standard
>	Tb	159		ug/L			2424116	2424432	1	Standard
	Pb	208	0.003	ug/L	0.000	8	593	931	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:38:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	55260	2	Standard
	Cl	37		ug/L			6351901	6590518	0	Standard
>	Sc	45		ug/L			1373317	1351692	1	Standard
	Cr	52	27.229	ug/L	0.430	1	22922	734202	1	Standard
	Cr	53	24.428	ug/L	0.162	0	225	84437	0	Standard
	Mn	55	28.541	ug/L	0.284	0	1193	1104080	0	Standard
>	Ge	72		ug/L			104285	101599	0	KED
	Ni	60	24.452	ug/L	0.705	2	39	43502	2	KED
	Ni	62	24.492	ug/L	1.033	4	5	7095	3	KED
	Cu	63	24.859	ug/L	0.149	0	99	126022	0	KED
	Cu	65	24.830	ug/L	0.464	1	43	62674	1	KED
	Zn	66	75.209	ug/L	0.840	1	252	59263	0	KED
	Zn	67	72.775	ug/L	0.115	0	36	9305	0	KED
	As	75	24.052	ug/L	0.340	1	4	9593	1	KED
	Se	78	73.940	ug/L	1.572	2	18	3536	1	KED
	Y	89		ug/L			663496	656709	0	Standard
	Kr	83		ug/L			309	299	5	Standard
>	In-1	115		ug/L			27472	26556	0	KED
	Mo	98	24.977	ug/L	0.288	1	20	47743	0	KED
	Cd	111	24.978	ug/L	0.297	1	4	10704	1	KED
	Cd	114	24.819	ug/L	0.475	1	2	26915	1	KED
>	In	115		ug/L			1233845	1182557	0	Standard
	Ag	107	25.036	ug/L	0.563	2	36	419449	1	Standard
	Ba	135	24.125	ug/L	0.542	2	67	189448	1	Standard
	Ba	137	24.265	ug/L	0.632	2	123	338604	1	Standard
>	Tb	159		ug/L			2424116	2417550	0	Standard
	Pb	208	25.486	ug/L	0.115	0	593	2645668	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:42:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	44378	2	Standard
	Cl	37		ug/L			6351901	6458727	1	Standard
>	Sc	45		ug/L			1373317	1331695	0	Standard
	Cr	52	0.130	ug/L	0.009	7	22922	25566	0	Standard
	Cr	53	0.118	ug/L	0.002	1	225	619	2	Standard
	Mn	55	0.076	ug/L	0.002	2	1193	4049	2	Standard
>	Ge	72		ug/L			104285	101704	1	KED
	Ni	60	0.005	ug/L	0.004	71	39	47	14	KED
	Ni	62	0.031	ug/L	0.027	86	5	14	52	KED
	Cu	63	0.195	ug/L	0.013	6	99	1086	7	KED
	Cu	65	0.197	ug/L	0.014	6	43	540	6	KED
	Zn	66	-0.011	ug/L	0.013	115	252	236	3	KED
	Zn	67	0.022	ug/L	0.102	474	36	38	34	KED
	As	75	0.005	ug/L	0.005	90	4	6	30	KED
	Se	78	0.055	ug/L	0.114	204	18	20	25	KED
	Y	89		ug/L			663496	654094	1	Standard
	Kr	83		ug/L			309	331	11	Standard
>	In-1	115		ug/L			27472	26707	1	KED
	Mo	98	0.028	ug/L	0.001	1	20	73	0	KED
	Cd	111	0.003	ug/L	0.002	91	4	5	16	KED
	Cd	114	-0.000	ug/L	0.002	1071	2	2	84	KED
>	In	115		ug/L			1233845	1182847	1	Standard
	Ag	107	0.002	ug/L	0.000	7	36	60	1	Standard
	Ba	135	0.005	ug/L	0.001	18	67	104	8	Standard
	Ba	137	0.003	ug/L	0.000	16	123	155	4	Standard
>	Tb	159		ug/L			2424116	2392464	0	Standard
	Pb	208	0.003	ug/L	0.000	1	593	911	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:47:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	53050	3	Standard
	Cl	37		ug/L			6351901	6681173	1	Standard
>	Sc	45		ug/L			1373317	1351971	0	Standard
	Cr	52	26.371	ug/L	0.352	1	22922	711954	1	Standard
	Cr	53	23.608	ug/L	0.236	1	225	81629	1	Standard
	Mn	55	27.976	ug/L	0.265	0	1193	1082528	1	Standard
>	Ge	72		ug/L			104285	102286	0	KED
	Ni	60	23.823	ug/L	0.280	1	39	42671	0	KED
	Ni	62	23.605	ug/L	0.695	2	5	6884	2	KED
	Cu	63	23.750	ug/L	0.152	0	99	121218	0	KED
	Cu	65	23.677	ug/L	0.169	0	43	60173	0	KED
	Zn	66	72.756	ug/L	0.521	0	252	57729	1	KED
	Zn	67	70.224	ug/L	0.478	0	36	9041	0	KED
	As	75	23.311	ug/L	0.102	0	4	9360	0	KED
	Se	78	70.544	ug/L	0.243	0	18	3398	0	KED
	Y	89		ug/L			663496	662458	1	Standard
	Kr	83		ug/L			309	325	10	Standard
>	In-1	115		ug/L			27472	26909	1	KED
	Mo	98	0.033	ug/L	0.010	29	20	83	21	KED
	Cd	111	24.083	ug/L	1.042	4	4	10453	2	KED
	Cd	114	23.694	ug/L	0.586	2	2	26031	1	KED
>	In	115		ug/L			1233845	1170117	0	Standard
	Ag	107	24.114	ug/L	0.448	1	36	399798	1	Standard
	Ba	135	23.766	ug/L	0.532	2	67	184684	2	Standard
	Ba	137	23.886	ug/L	0.272	1	123	329838	0	Standard
>	Tb	159		ug/L			2424116	2469230	0	Standard
	Pb	208	24.486	ug/L	0.317	1	593	2596317	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0179-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:53:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	58628	1	Standard
	Cl	37		ug/L			6351901	15966499	2	Standard
>	Sc	45		ug/L			1373317	1325877	1	Standard
	Cr	52	192.812	ug/L	3.301	1	22922	4964588	1	Standard
	Cr	53	212.471	ug/L	1.780	0	225	718661	1	Standard
	Mn	55	19.751	ug/L	0.234	1	1193	749744	1	Standard
>	Ge	72		ug/L			104285	92888	2	KED
	Ni	60	12.065	ug/L	0.313	2	39	19638	1	KED
	Ni	62	12.291	ug/L	0.332	2	5	3256	1	KED
	Cu	63	40.699	ug/L	0.620	1	99	188534	0	KED
	Cu	65	40.577	ug/L	0.587	1	43	93605	0	KED
	Zn	66	28.679	ug/L	0.468	1	252	20796	0	KED
	Zn	67	26.849	ug/L	0.671	2	36	3159	2	KED
	As	75	0.647	ug/L	0.042	6	4	239	4	KED
	Se	78	0.150	ug/L	0.025	16	18	23	3	KED
	Y	89		ug/L			663496	625646	1	Standard
	Kr	83		ug/L			309	596	8	Standard
>	In-1	115		ug/L			27472	24201	1	KED
	Mo	98	1.100	ug/L	0.017	1	20	1933	2	KED
	Cd	111	0.682	ug/L	0.016	2	4	270	2	KED
	Cd	114	0.720	ug/L	0.023	3	2	714	3	KED
>	In	115		ug/L			1233845	997574	1	Standard
	Ag	107	0.026	ug/L	0.001	3	36	392	2	Standard
	Ba	135	4.525	ug/L	0.059	1	67	30018	1	Standard
	Ba	137	4.588	ug/L	0.070	1	123	54089	0	Standard
>	Tb	159		ug/L			2424116	2233667	1	Standard
	Pb	208	0.317	ug/L	0.004	1	593	30981	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0130-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:01:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	56047	0	Standard
	Cl	37		ug/L			6351901	6131722	0	Standard
>	Sc	45		ug/L			1373317	1221209	6	Standard
	Cr	52	20.746	ug/L	1.380	6	22922	508936	0	Standard
	Cr	53	19.454	ug/L	1.229	6	225	60640	1	Standard
	Mn	55	4.524	ug/L	0.328	7	1193	158549	1	Standard
>	Ge	72		ug/L			104285	89874	1	KED
	Ni	60	1.381	ug/L	0.014	1	39	2205	1	KED
	Ni	62	1.461	ug/L	0.188	12	5	379	13	KED
	Cu	63	4.502	ug/L	0.067	1	99	20254	1	KED
	Cu	65	4.522	ug/L	0.028	0	43	10128	1	KED
	Zn	66	2.286	ug/L	0.087	3	252	1803	3	KED
	Zn	67	2.570	ug/L	0.359	13	36	321	12	KED
	As	75	0.101	ug/L	0.015	14	4	39	14	KED
	Se	78	0.172	ug/L	0.101	58	18	23	16	KED
	Y	89		ug/L			663496	553629	6	Standard
	Kr	83		ug/L			309	314	12	Standard
>	In-1	115		ug/L			27472	24977	1	KED
	Mo	98	7.113	ug/L	0.130	1	20	12801	2	KED
	Cd	111	0.003	ug/L	0.008	237	4	5	57	KED
	Cd	114	0.002	ug/L	0.003	154	2	4	68	KED
>	In	115		ug/L			1233845	1055644	5	Standard
	Ag	107	0.002	ug/L	0.001	40	36	59	15	Standard
	Ba	135	0.722	ug/L	0.043	5	67	5110	1	Standard
	Ba	137	0.736	ug/L	0.032	4	123	9255	1	Standard
>	Tb	159		ug/L			2424116	2239725	6	Standard
	Pb	208	0.064	ug/L	0.004	6	593	6670	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0130-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:06:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	55988	2	Standard
	Cl	**37**		ug/L			6351901	6219596	1	Standard
>	**Sc**	**45**		ug/L			1373317	1321699	0	Standard
	Cr	**52**	**50.404**	ug/L	0.727	1	22922	1310185	0	Standard
	Cr	**53**	**45.406**	ug/L	0.841	1	225	153274	1	Standard
	Mn	**55**	**4.460**	ug/L	0.029	0	1193	169658	0	Standard
>	**Ge**	**72**		ug/L			104285	90148	0	KED
	Ni	**60**	**1.216**	ug/L	0.038	3	39	1951	2	KED
	Ni	**62**	**1.237**	ug/L	0.137	11	5	322	10	KED
	Cu	**63**	**4.562**	ug/L	0.041	0	99	20591	1	KED
	Cu	**65**	**4.603**	ug/L	0.035	0	43	10340	0	KED
	Zn	**66**	**2.122**	ug/L	0.083	3	252	1695	2	KED
	Zn	**67**	**2.090**	ug/L	0.187	8	36	267	7	KED
	As	**75**	**0.081**	ug/L	0.005	6	4	32	5	KED
	Se	**78**	**0.115**	ug/L	0.069	60	18	21	13	KED
	Y	**89**		ug/L			663496	591125	2	Standard
	Kr	**83**		ug/L			309	311	4	Standard
>	**In-1**	**115**		ug/L			27472	24503	0	KED
	Mo	**98**	**7.370**	ug/L	0.180	2	20	13012	2	KED
	Cd	**111**	**0.005**	ug/L	0.001	32	4	6	9	KED
	Cd	**114**	**0.011**	ug/L	0.010	87	2	13	71	KED
>	**In**	**115**		ug/L			1233845	1160201	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	169	36	46	45	Standard
	Ba	**135**	**0.629**	ug/L	0.015	2	67	4908	2	Standard
	Ba	**137**	**0.625**	ug/L	0.010	1	123	8667	1	Standard
>	**Tb**	**159**		ug/L			2424116	2429304	0	Standard
	Pb	**208**	**0.007**	ug/L	0.000	4	593	1347	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0130-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:12:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	55893	0	Standard
	Cl	37		ug/L			6351901	6088570	1	Standard
>	Sc	45		ug/L			1373317	1288099	0	Standard
	Cr	52	47.259	ug/L	0.231	0	22922	1198616	0	Standard
	Cr	53	42.783	ug/L	0.469	1	225	140771	1	Standard
	Mn	55	3.803	ug/L	0.044	1	1193	141162	1	Standard
>	Ge	72		ug/L			104285	88978	0	KED
	Ni	60	1.090	ug/L	0.043	3	39	1730	4	KED
	Ni	62	1.133	ug/L	0.140	12	5	292	11	KED
	Cu	63	4.610	ug/L	0.104	2	99	20531	1	KED
	Cu	65	4.570	ug/L	0.065	1	43	10133	1	KED
	Zn	66	1.914	ug/L	0.026	1	252	1530	1	KED
	Zn	67	1.766	ug/L	0.325	18	36	228	16	KED
	As	75	0.146	ug/L	0.019	12	4	54	12	KED
	Se	78	0.140	ug/L	0.112	79	18	21	20	KED
	Y	89		ug/L			663496	588840	0	Standard
	Kr	83		ug/L			309	289	5	Standard
>	In-1	115		ug/L			27472	24458	1	KED
	Mo	98	6.839	ug/L	0.219	3	20	12049	1	KED
	Cd	111	0.002	ug/L	0.006	283	4	5	47	KED
	Cd	114	0.007	ug/L	0.005	67	2	9	48	KED
>	In	115		ug/L			1233845	1157533	0	Standard
	Ag	107	0.001	ug/L	0.000	54	36	48	16	Standard
	Ba	135	0.637	ug/L	0.012	1	67	4955	1	Standard
	Ba	137	0.623	ug/L	0.013	2	123	8619	1	Standard
>	Tb	159		ug/L			2424116	2393704	0	Standard
	Pb	208	0.009	ug/L	0.000	4	593	1503	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0130-08
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:19:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	56054	2	Standard
	Cl	37		ug/L			6351901	6084326	0	Standard
>	Sc	45		ug/L			1373317	1295833	1	Standard
	Cr	52	28.302	ug/L	0.293	1	22922	730778	1	Standard
	Cr	53	25.806	ug/L	0.351	1	225	85495	0	Standard
	Mn	55	4.694	ug/L	0.044	0	1193	175033	1	Standard
>	Ge	72		ug/L			104285	87688	1	KED
	Ni	60	1.133	ug/L	0.073	6	39	1771	6	KED
	Ni	62	1.211	ug/L	0.115	9	5	307	8	KED
	Cu	63	4.765	ug/L	0.053	1	99	20915	0	KED
	Cu	65	4.754	ug/L	0.043	0	43	10386	1	KED
	Zn	66	2.397	ug/L	0.041	1	252	1835	0	KED
	Zn	67	2.149	ug/L	0.116	5	36	267	5	KED
	As	75	0.079	ug/L	0.012	15	4	30	14	KED
	Se	78	0.247	ug/L	0.053	21	18	25	7	KED
	Y	89		ug/L			663496	588072	0	Standard
	Kr	83		ug/L			309	292	7	Standard
>	In-1	115		ug/L			27472	24562	0	KED
	Mo	98	6.467	ug/L	0.055	0	20	11447	0	KED
	Cd	111	0.004	ug/L	0.001	30	4	6	9	KED
	Cd	114	0.009	ug/L	0.001	14	2	11	11	KED
>	In	115		ug/L			1233845	1143351	0	Standard
	Ag	107	0.001	ug/L	0.000	53	36	42	11	Standard
	Ba	135	0.667	ug/L	0.027	4	67	5125	3	Standard
	Ba	137	0.667	ug/L	0.005	0	123	9106	0	Standard
>	Tb	159		ug/L			2424116	2396890	1	Standard
	Pb	208	0.010	ug/L	0.001	5	593	1633	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:27:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	33873	0	Standard
	Cl	**37**		ug/L			6351901	6359967	2	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1271942	9	Standard
⎢	**Cr**	**52**	**0.176**	ug/L	0.090	50	22922	25425	2	Standard
⎢	**Cr**	**53**	**0.083**	ug/L	0.025	29	225	473	6	Standard
⎣	**Mn**	**55**	**0.008**	ug/L	0.005	60	1193	1375	3	Standard
⎡>	**Ge**	**72**		ug/L			104285	99520	1	KED
⎢	**Ni**	**60**	**-0.005**	ug/L	0.007	131	39	28	40	KED
⎢	**Ni**	**62**	**0.005**	ug/L	0.020	381	5	6	83	KED
⎢	**Cu**	**63**	**0.005**	ug/L	0.002	43	99	120	8	KED
⎢	**Cu**	**65**	**-0.001**	ug/L	0.001	115	43	38	10	KED
⎢	**Zn**	**66**	**0.111**	ug/L	0.018	15	252	325	4	KED
⎢	**Zn**	**67**	**0.115**	ug/L	0.066	56	36	49	16	KED
⎢	**As**	**75**	**0.003**	ug/L	0.005	154	4	5	32	KED
⎣	**Se**	**78**	**0.038**	ug/L	0.081	211	18	19	17	KED
	Y	**89**		ug/L			663496	602094	9	Standard
	Kr	**83**		ug/L			309	294	16	Standard
⎡>	**In-1**	**115**		ug/L			27472	26511	0	KED
⎢	**Mo**	**98**	**-0.004**	ug/L	0.003	74	20	13	39	KED
⎢	**Cd**	**111**	**-0.000**	ug/L	0.001	394	4	4	12	KED
⎣	**Cd**	**114**	**0.005**	ug/L	0.004	82	2	7	52	KED
⎡>	**In**	**115**		ug/L			1233845	1142334	10	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	64	36	53	14	Standard
⎢	**Ba**	**135**	**0.005**	ug/L	0.003	55	67	100	10	Standard
⎣	**Ba**	**137**	**0.002**	ug/L	0.001	37	123	147	10	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2296532	9	Standard
⎣	**Pb**	**208**	**0.005**	ug/L	0.001	11	593	1064	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:31:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	30282	1	Standard
	Cl	**37**		ug/L			6351901	6344361	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1305926	0	Standard
|	**Cr**	**52**	**54.825**	ug/L	1.053	1	22922	1406214	1	Standard
|	**Cr**	**53**	**49.874**	ug/L	0.094	0	225	166338	0	Standard
⌊	**Mn**	**55**	**50.486**	ug/L	0.488	0	1193	1886063	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	99277	0	KED
|	**Ni**	**60**	**47.903**	ug/L	0.799	1	39	83240	1	KED
|	**Ni**	**62**	**48.735**	ug/L	0.864	1	5	13791	2	KED
|	**Cu**	**63**	**48.926**	ug/L	0.470	0	99	242268	1	KED
|	**Cu**	**65**	**47.867**	ug/L	1.007	2	43	118022	1	KED
|	**Zn**	**66**	**47.950**	ug/L	0.718	1	252	37006	0	KED
|	**Zn**	**67**	**48.654**	ug/L	0.512	1	36	6090	0	KED
|	**As**	**75**	**48.000**	ug/L	0.440	0	4	18703	0	KED
⌊	**Se**	**78**	**48.283**	ug/L	0.819	1	18	2262	1	KED
	Y	**89**		ug/L			663496	638576	0	Standard
	Kr	**83**		ug/L			309	311	9	Standard
⌈>	**In-1**	**115**		ug/L			27472	26387	0	KED
|	**Mo**	**98**	**48.376**	ug/L	0.805	1	20	91863	1	KED
|	**Cd**	**111**	**48.977**	ug/L	0.412	0	4	20852	0	KED
⌊	**Cd**	**114**	**49.664**	ug/L	0.829	1	2	53516	1	KED
⌈>	**In**	**115**		ug/L			1233845	1196015	1	Standard
|	**Ag**	**107**	**48.560**	ug/L	0.633	1	36	822879	1	Standard
|	**Ba**	**135**	**48.447**	ug/L	0.503	1	67	384719	0	Standard
⌊	**Ba**	**137**	**48.301**	ug/L	1.144	2	123	681538	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2463904	1	Standard
⌊	**Pb**	**208**	**49.809**	ug/L	0.734	1	593	5268436	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:39:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	29694	1	Standard
	Cl	**37**		ug/L			6351901	6235742	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1292579	1	Standard
|	**Cr**	**52**	**-0.018**	ug/L	0.009	47	22922	21111	1	Standard
|	**Cr**	**53**	**0.045**	ug/L	0.009	19	225	360	9	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	244	1193	1144	3	Standard
⌈>	**Ge**	**72**		ug/L			104285	99899	1	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.006	97	39	27	38	KED
|	**Ni**	**62**	**0.007**	ug/L	0.013	175	5	7	50	KED
|	**Cu**	**63**	**0.004**	ug/L	0.001	16	99	112	1	KED
|	**Cu**	**65**	**0.005**	ug/L	0.001	28	43	53	7	KED
|	**Zn**	**66**	**0.018**	ug/L	0.041	220	252	255	13	KED
|	**Zn**	**67**	**0.022**	ug/L	0.097	439	36	38	32	KED
|	**As**	**75**	**0.007**	ug/L	0.006	79	4	6	33	KED
⌊	**Se**	**78**	**0.041**	ug/L	0.076	183	18	19	18	KED
	Y	**89**		ug/L			663496	641607	3	Standard
	Kr	**83**		ug/L			309	276	7	Standard
⌈>	**In-1**	**115**		ug/L			27472	27200	3	KED
|	**Mo**	**98**	**0.019**	ug/L	0.006	32	20	57	23	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.003	85	4	3	45	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.003	645	2	3	95	KED
⌈>	**In**	**115**		ug/L			1233845	1178781	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	21	36	74	11	Standard
|	**Ba**	**135**	**0.003**	ug/L	0.002	71	67	84	14	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.002	613	123	122	21	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2390124	0	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.001	9	593	1135	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 18:46:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	39565	2	Standard
	Cl	37		ug/L			6351901	6282269	1	Standard
⌈>	Sc	45		ug/L			1373317	1316231	0	Standard
|	Cr	52	0.029	ug/L	0.006	21	22922	22701	1	Standard
|	Cr	53	0.052	ug/L	0.004	7	225	389	2	Standard
⌊	Mn	55	0.034	ug/L	0.002	4	1193	2424	2	Standard
⌈>	Ge	72		ug/L			104285	99026	0	KED
|	Ni	60	0.013	ug/L	0.012	91	39	60	34	KED
|	Ni	62	0.028	ug/L	0.018	63	5	13	37	KED
|	Cu	63	0.031	ug/L	0.008	26	99	245	16	KED
|	Cu	65	0.028	ug/L	0.005	18	43	109	11	KED
|	Zn	66	0.323	ug/L	0.063	19	252	486	9	KED
|	Zn	67	0.342	ug/L	0.056	16	36	77	9	KED
|	As	75	0.005	ug/L	0.005	118	4	5	36	KED
⌊	Se	78	0.020	ug/L	0.059	290	18	18	14	KED
	Y	89		ug/L			663496	651333	0	Standard
	Kr	83		ug/L			309	288	2	Standard
⌈>	In-1	115		ug/L			27472	27536	1	KED
|	Mo	98	0.003	ug/L	0.003	102	20	26	19	KED
|	Cd	111	-0.001	ug/L	0.003	412	4	4	32	KED
⌊	Cd	114	-0.000	ug/L	0.001	242	2	2	46	KED
⌈>	In	115		ug/L			1233845	1194552	0	Standard
|	Ag	107	0.001	ug/L	0.000	24	36	57	10	Standard
|	Ba	135	0.018	ug/L	0.004	23	67	207	16	Standard
⌊	Ba	137	0.021	ug/L	0.001	4	123	416	3	Standard
⌈>	Tb	159		ug/L			2424116	2412447	1	Standard
⌊	Pb	208	0.010	ug/L	0.000	4	593	1623	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 18:50:37

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	38095	0	Standard
	Cl	37		ug/L			6351901	6375177	0	Standard
>	Sc	45		ug/L			1373317	1321771	1	Standard
	Cr	52	21.992	ug/L	0.455	2	22922	584097	2	Standard
	Cr	53	19.515	ug/L	0.136	0	225	66001	1	Standard
	Mn	55	22.663	ug/L	0.399	1	1193	857398	0	Standard
>	Ge	72		ug/L			104285	100316	2	KED
	Ni	60	19.466	ug/L	0.440	2	39	34191	0	KED
	Ni	62	19.265	ug/L	0.202	1	5	5510	1	KED
	Cu	63	20.095	ug/L	0.183	0	99	100589	1	KED
	Cu	65	20.007	ug/L	0.147	0	43	49869	1	KED
	Zn	66	59.246	ug/L	0.922	1	252	46136	0	KED
	Zn	67	56.212	ug/L	1.292	2	36	7103	2	KED
	As	75	19.569	ug/L	0.356	1	4	7705	0	KED
	Se	78	61.244	ug/L	0.948	1	18	2895	2	KED
	Y	89		ug/L			663496	643707	1	Standard
	Kr	83		ug/L			309	307	4	Standard
>	In-1	115		ug/L			27472	26979	1	KED
	Mo	98	-0.002	ug/L	0.004	160	20	15	50	KED
	Cd	111	19.412	ug/L	0.381	1	4	8451	1	KED
	Cd	114	19.547	ug/L	0.238	1	2	21535	0	KED
>	In	115		ug/L			1233845	1205466	0	Standard
	Ag	107	19.926	ug/L	0.308	1	36	340365	1	Standard
	Ba	135	19.215	ug/L	0.305	1	67	153834	0	Standard
	Ba	137	19.092	ug/L	0.178	0	123	271618	0	Standard
>	Tb	159		ug/L			2424116	2383166	1	Standard
	Pb	208	21.499	ug/L	0.100	0	593	2200064	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:00:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	32877	2	Standard
	Cl	37		ug/L			6351901	6484166	1	Standard
>	Sc	45		ug/L			1373317	1301418	0	Standard
	Cr	52	22.991	ug/L	0.272	1	22922	600294	1	Standard
	Cr	53	20.703	ug/L	0.398	1	225	68933	2	Standard
	Mn	55	24.196	ug/L	0.371	1	1193	901450	1	Standard
>	Ge	72		ug/L			104285	99323	2	KED
	Ni	60	20.711	ug/L	0.541	2	39	36012	0	KED
	Ni	62	20.147	ug/L	0.289	1	5	5707	3	KED
	Cu	63	21.017	ug/L	0.236	1	99	104154	1	KED
	Cu	65	20.869	ug/L	0.605	2	43	51483	1	KED
	Zn	66	62.866	ug/L	1.041	1	252	48460	2	KED
	Zn	67	60.311	ug/L	0.900	1	36	7543	1	KED
	As	75	20.281	ug/L	0.100	0	4	7908	2	KED
	Se	78	64.517	ug/L	1.435	2	18	3018	0	KED
	Y	89		ug/L			663496	644498	2	Standard
	Kr	83		ug/L			309	325	11	Standard
>	In-1	115		ug/L			27472	27075	2	KED
	Mo	98	-0.004	ug/L	0.002	51	20	12	33	KED
	Cd	111	20.333	ug/L	0.662	3	4	8881	1	KED
	Cd	114	20.162	ug/L	0.381	1	2	22288	0	KED
>	In	115		ug/L			1233845	1179122	1	Standard
	Ag	107	20.975	ug/L	0.317	1	36	350456	2	Standard
	Ba	135	20.567	ug/L	0.530	2	67	161016	0	Standard
	Ba	137	20.472	ug/L	0.136	0	123	284879	1	Standard
>	Tb	159		ug/L			2424116	2387407	0	Standard
	Pb	208	22.442	ug/L	0.166	0	593	2300689	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0178-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:07:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	58989	1	Standard
	Cl	**37**		ug/L			6351901	6225975	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1284373	6	Standard
|	**Cr**	**52**	**12.313**	ug/L	0.881	7	22922	326261	1	Standard
|	**Cr**	**53**	**11.310**	ug/L	0.797	7	225	37138	0	Standard
⌊	**Mn**	**55**	**163.848**	ug/L	7.391	4	1193	6005056	2	Standard
⌈>	**Ge**	**72**		ug/L			104285	104403	2	KED
|	**Ni**	**60**	**10.638**	ug/L	0.080	0	39	19472	2	KED
|	**Ni**	**62**	**10.656**	ug/L	0.425	3	5	3173	2	KED
|	**Cu**	**63**	**23.905**	ug/L	0.357	1	99	124508	1	KED
|	**Cu**	**65**	**23.921**	ug/L	0.287	1	43	62040	1	KED
|	**Zn**	**66**	**119.443**	ug/L	1.655	1	252	96559	1	KED
|	**Zn**	**67**	**111.091**	ug/L	1.681	1	36	14575	1	KED
|	**As**	**75**	**1.590**	ug/L	0.028	1	4	655	0	KED
⌊	**Se**	**78**	**0.249**	ug/L	0.096	38	18	30	12	KED
	Y	**89**		ug/L			663496	726840	4	Standard
	Kr	**83**		ug/L			309	347	9	Standard
⌈>	**In-1**	**115**		ug/L			27472	27675	1	KED
|	**Mo**	**98**	**0.555**	ug/L	0.043	7	20	1126	6	KED
|	**Cd**	**111**	**0.121**	ug/L	0.014	11	4	58	11	KED
⌊	**Cd**	**114**	**0.106**	ug/L	0.016	15	2	122	15	KED
⌈>	**In**	**115**		ug/L			1233845	1069680	6	Standard
|	**Ag**	**107**	**0.050**	ug/L	0.002	4	36	787	3	Standard
|	**Ba**	**135**	**32.129**	ug/L	2.097	6	67	227607	0	Standard
⌊	**Ba**	**137**	**32.124**	ug/L	1.455	4	123	404736	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2254981	6	Standard
⌊	**Pb**	**208**	**14.520**	ug/L	0.927	6	593	1402053	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-10
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:12:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	47262	1	Standard
	Cl	37		ug/L			6351901	6176997	1	Standard
⌈>	Sc	45		ug/L			1373317	1461423	1	Standard
|	Cr	52	12.518	ug/L	0.186	1	22922	378095	0	Standard
|	Cr	53	11.494	ug/L	0.090	0	225	43080	0	Standard
⌊	Mn	55	124.339	ug/L	2.870	2	1193	5195654	1	Standard
⌈>	Ge	72		ug/L			104285	102641	0	KED
|	Ni	60	9.824	ug/L	0.113	1	39	17680	0	KED
|	Ni	62	10.059	ug/L	0.252	2	5	2947	2	KED
|	Cu	63	16.716	ug/L	0.267	1	99	85645	2	KED
|	Cu	65	16.715	ug/L	0.179	1	43	42640	1	KED
|	Zn	66	37.814	ug/L	0.420	1	252	30226	1	KED
|	Zn	67	37.793	ug/L	0.456	1	36	4899	1	KED
|	As	75	4.173	ug/L	0.113	2	4	1685	3	KED
⌊	Se	78	0.575	ug/L	0.162	28	18	46	16	KED
	Y	89		ug/L			663496	910933	0	Standard
	Kr	83		ug/L			309	370	15	Standard
⌈>	In-1	115		ug/L			27472	26826	0	KED
|	Mo	98	0.211	ug/L	0.020	9	20	427	8	KED
|	Cd	111	0.100	ug/L	0.017	17	4	47	14	KED
⌊	Cd	114	0.101	ug/L	0.003	3	2	113	3	KED
⌈>	In	115		ug/L			1233845	1155397	0	Standard
|	Ag	107	0.087	ug/L	0.002	2	36	1451	2	Standard
|	Ba	135	29.661	ug/L	0.292	0	67	227589	1	Standard
⌊	Ba	137	29.968	ug/L	0.198	0	123	408605	0	Standard
⌈>	Tb	159		ug/L			2424116	2433491	1	Standard
⌊	Pb	208	7.146	ug/L	0.047	0	593	747115	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-09
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:16:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	47962	1	Standard
	Cl	37		ug/L			6351901	6247103	0	Standard
>	Sc	45		ug/L			1373317	1458981	0	Standard
	Cr	52	11.793	ug/L	0.101	0	22922	357057	1	Standard
	Cr	53	10.676	ug/L	0.114	1	225	39968	1	Standard
	Mn	55	116.642	ug/L	1.588	1	1193	4866867	1	Standard
>	Ge	72		ug/L			104285	102565	0	KED
	Ni	60	9.749	ug/L	0.238	2	39	17532	2	KED
	Ni	62	10.006	ug/L	0.329	3	5	2929	2	KED
	Cu	63	15.233	ug/L	0.108	0	99	77992	0	KED
	Cu	65	15.161	ug/L	0.090	0	43	38652	1	KED
	Zn	66	35.800	ug/L	0.417	1	252	28608	1	KED
	Zn	67	35.475	ug/L	0.611	1	36	4597	1	KED
	As	75	3.453	ug/L	0.028	0	4	1393	1	KED
	Se	78	0.473	ug/L	0.089	18	18	41	10	KED
	Y	89		ug/L			663496	904129	2	Standard
	Kr	83		ug/L			309	343	9	Standard
>	In-1	115		ug/L			27472	26608	1	KED
	Mo	98	0.311	ug/L	0.027	8	20	615	7	KED
	Cd	111	0.065	ug/L	0.002	3	4	32	2	KED
	Cd	114	0.097	ug/L	0.009	9	2	108	8	KED
>	In	115		ug/L			1233845	1140375	1	Standard
	Ag	107	0.073	ug/L	0.006	8	36	1215	7	Standard
	Ba	135	28.140	ug/L	0.333	1	67	213087	0	Standard
	Ba	137	28.969	ug/L	0.192	0	123	389838	0	Standard
>	Tb	159		ug/L			2424116	2445915	0	Standard
	Pb	208	5.682	ug/L	0.064	1	593	597171	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-08
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:20:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	41531	1	Standard
	Cl	37		ug/L			6351901	6312478	0	Standard
>	Sc	45		ug/L			1373317	1445672	0	Standard
	Cr	52	11.985	ug/L	0.188	1	22922	359136	0	Standard
	Cr	53	10.929	ug/L	0.012	0	225	40534	0	Standard
	Mn	55	111.666	ug/L	1.023	0	1193	4616686	1	Standard
>	Ge	72		ug/L			104285	103412	0	KED
	Ni	60	9.479	ug/L	0.068	0	39	17189	0	KED
	Ni	62	9.678	ug/L	0.291	3	5	2857	3	KED
	Cu	63	15.007	ug/L	0.175	1	99	77475	1	KED
	Cu	65	15.147	ug/L	0.156	1	43	38934	1	KED
	Zn	66	35.566	ug/L	0.165	0	252	28658	0	KED
	Zn	67	35.855	ug/L	0.293	0	36	4685	0	KED
	As	75	2.949	ug/L	0.013	0	4	1201	0	KED
	Se	78	0.416	ug/L	0.051	12	18	38	6	KED
	Y	89		ug/L			663496	874394	0	Standard
	Kr	83		ug/L			309	376	4	Standard
>	In-1	115		ug/L			27472	26634	1	KED
	Mo	98	0.221	ug/L	0.010	4	20	443	4	KED
	Cd	111	0.082	ug/L	0.005	5	4	39	6	KED
	Cd	114	0.086	ug/L	0.016	18	2	95	17	KED
>	In	115		ug/L			1233845	1168941	0	Standard
	Ag	107	0.066	ug/L	0.001	1	36	1127	1	Standard
	Ba	135	22.635	ug/L	0.172	0	67	175721	0	Standard
	Ba	137	22.408	ug/L	0.169	0	123	309125	0	Standard
>	Tb	159		ug/L			2424116	2428511	0	Standard
	Pb	208	5.746	ug/L	0.061	1	593	599604	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:25:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	42346	1	Standard
	Cl	37		ug/L			6351901	6330311	1	Standard
>	Sc	45		ug/L			1373317	1425774	0	Standard
	Cr	52	11.178	ug/L	0.082	0	22922	331970	0	Standard
	Cr	53	10.169	ug/L	0.122	1	225	37213	1	Standard
	Mn	55	106.611	ug/L	1.018	0	1193	4347189	1	Standard
>	Ge	72		ug/L			104285	102953	1	KED
	Ni	60	8.987	ug/L	0.144	1	39	16226	1	KED
	Ni	62	9.288	ug/L	0.357	3	5	2730	4	KED
	Cu	63	13.917	ug/L	0.118	0	99	71529	0	KED
	Cu	65	13.844	ug/L	0.194	1	43	35434	2	KED
	Zn	66	33.712	ug/L	0.130	0	252	27056	0	KED
	Zn	67	33.183	ug/L	0.517	1	36	4319	1	KED
	As	75	2.849	ug/L	0.066	2	4	1154	1	KED
	Se	78	0.341	ug/L	0.013	3	18	34	2	KED
	Y	89		ug/L			663496	858465	0	Standard
	Kr	83		ug/L			309	325	3	Standard
>	In-1	115		ug/L			27472	27107	1	KED
	Mo	98	0.209	ug/L	0.008	3	20	428	5	KED
	Cd	111	0.085	ug/L	0.017	19	4	41	17	KED
	Cd	114	0.071	ug/L	0.007	9	2	82	11	KED
>	In	115		ug/L			1233845	1151309	1	Standard
	Ag	107	0.067	ug/L	0.003	5	36	1121	6	Standard
	Ba	135	20.805	ug/L	0.159	0	67	159080	1	Standard
	Ba	137	20.950	ug/L	0.417	1	123	284625	1	Standard
>	Tb	159		ug/L			2424116	2438510	0	Standard
	Pb	208	5.702	ug/L	0.085	1	593	597503	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:29:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	41286	2	Standard
	Cl	37		ug/L			6351901	6293498	0	Standard
>	Sc	45		ug/L			1373317	1410852	1	Standard
	Cr	52	33.997	ug/L	0.644	1	22922	951027	2	Standard
	Cr	53	30.714	ug/L	0.210	0	225	110752	1	Standard
	Mn	55	142.253	ug/L	1.740	1	1193	5738771	0	Standard
>	Ge	72		ug/L			104285	102159	0	KED
	Ni	60	29.863	ug/L	0.571	1	39	53411	1	KED
	Ni	62	29.898	ug/L	0.542	1	5	8708	1	KED
	Cu	63	35.585	ug/L	0.683	1	99	181327	1	KED
	Cu	65	34.976	ug/L	0.755	2	43	88751	1	KED
	Zn	66	98.022	ug/L	1.380	1	252	77591	1	KED
	Zn	67	93.005	ug/L	0.497	0	36	11948	1	KED
	As	75	22.166	ug/L	0.112	0	4	8890	0	KED
	Se	78	60.171	ug/L	0.874	1	18	2897	0	KED
	Y	89		ug/L			663496	874007	0	Standard
	Kr	83		ug/L			309	361	0	Standard
>	In-1	115		ug/L			27472	27120	1	KED
	Mo	98	0.253	ug/L	0.028	10	20	513	9	KED
	Cd	111	19.268	ug/L	0.457	2	4	8432	1	KED
	Cd	114	19.455	ug/L	0.053	0	2	21547	0	KED
>	In	115		ug/L			1233845	1143700	2	Standard
	Ag	107	10.405	ug/L	0.226	2	36	168616	2	Standard
	Ba	135	43.527	ug/L	1.390	3	67	330427	1	Standard
	Ba	137	43.741	ug/L	0.884	2	123	590137	0	Standard
>	Tb	159		ug/L			2424116	2406104	1	Standard
	Pb	208	26.912	ug/L	0.159	0	593	2780307	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:34:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	41748	1	Standard
	Cl	37		ug/L			6351901	6330008	0	Standard
⌈>	Sc	45		ug/L			1373317	1414413	0	Standard
|	Cr	52	35.865	ug/L	0.397	1	22922	1004546	1	Standard
|	Cr	53	32.670	ug/L	0.206	0	225	118085	0	Standard
⌊	Mn	55	131.805	ug/L	0.898	0	1193	5330985	0	Standard
⌈>	Ge	72		ug/L			104285	101553	0	KED
|	Ni	60	32.809	ug/L	0.339	1	39	58333	0	KED
|	Ni	62	32.715	ug/L	0.814	2	5	9471	2	KED
|	Cu	63	38.149	ug/L	0.641	1	99	193258	1	KED
|	Cu	65	38.409	ug/L	0.144	0	43	96890	0	KED
|	Zn	66	106.125	ug/L	0.541	0	252	83489	0	KED
|	Zn	67	100.496	ug/L	0.902	0	36	12831	0	KED
|	As	75	25.903	ug/L	0.243	0	4	10326	0	KED
⌊	Se	78	69.980	ug/L	0.764	1	18	3347	1	KED
	Y	89		ug/L			663496	864537	1	Standard
	Kr	83		ug/L			309	353	1	Standard
⌈>	In-1	115		ug/L			27472	26830	2	KED
|	Mo	98	0.197	ug/L	0.008	4	20	400	2	KED
|	Cd	111	23.190	ug/L	0.467	2	4	10039	0	KED
⌊	Cd	114	23.065	ug/L	0.433	1	2	25266	0	KED
⌈>	In	115		ug/L			1233845	1139848	0	Standard
|	Ag	107	23.756	ug/L	0.248	1	36	383710	1	Standard
|	Ba	135	45.667	ug/L	0.672	1	67	345621	0	Standard
⌊	Ba	137	45.306	ug/L	0.326	0	123	609338	0	Standard
⌈>	Tb	159		ug/L			2424116	2447447	1	Standard
⌊	Pb	208	29.202	ug/L	0.324	1	593	3068618	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 19:41:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	29320	0	Standard
	Cl	**37**		ug/L			6351901	6514085	0	Standard
>	**Sc**	**45**		ug/L			1373317	1262220	1	Standard
	Cr	**52**	**55.512**	ug/L	0.374	0	22922	1375886	1	Standard
	Cr	**53**	**50.130**	ug/L	0.499	0	225	161597	2	Standard
	Mn	**55**	**51.539**	ug/L	0.345	0	1193	1860852	1	Standard
>	**Ge**	**72**		ug/L			104285	100143	2	KED
	Ni	**60**	**47.957**	ug/L	0.521	1	39	84050	1	KED
	Ni	**62**	**47.641**	ug/L	0.399	0	5	13597	1	KED
	Cu	**63**	**47.833**	ug/L	0.387	0	99	238906	2	KED
	Cu	**65**	**48.029**	ug/L	0.478	0	43	119454	2	KED
	Zn	**66**	**48.355**	ug/L	0.310	0	252	37641	1	KED
	Zn	**67**	**47.972**	ug/L	1.296	2	36	6060	4	KED
	As	**75**	**48.171**	ug/L	0.701	1	4	18930	1	KED
	Se	**78**	**47.678**	ug/L	0.810	1	18	2253	1	KED
	Y	**89**		ug/L			663496	643453	1	Standard
	Kr	**83**		ug/L			309	306	3	Standard
>	**In-1**	**115**		ug/L			27472	25987	0	KED
	Mo	**98**	**48.374**	ug/L	0.799	1	20	90470	1	KED
	Cd	**111**	**48.906**	ug/L	1.125	2	4	20504	1	KED
	Cd	**114**	**48.950**	ug/L	0.326	0	2	51946	0	KED
>	**In**	**115**		ug/L			1233845	1117465	0	Standard
	Ag	**107**	**48.659**	ug/L	0.559	1	36	770421	0	Standard
	Ba	**135**	**48.441**	ug/L	0.962	1	67	359431	2	Standard
	Ba	**137**	**49.025**	ug/L	1.269	2	123	646356	1	Standard
>	**Tb**	**159**		ug/L			2424116	2352692	1	Standard
	Pb	**208**	**48.800**	ug/L	0.255	0	593	4929418	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 19:48:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	26747	1	Standard
	Cl	**37**		ug/L			6351901	6303133	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1232966	4	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.024	99	22922	21143	1	Standard
|	**Cr**	**53**	**0.014**	ug/L	0.004	26	225	245	7	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.002	157	1193	1018	3	Standard
⌈>	**Ge**	**72**		ug/L			104285	99965	0	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.006	90	39	26	37	KED
|	**Ni**	**62**	**0.003**	ug/L	0.015	505	5	6	69	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.002	116	99	87	9	KED
|	**Cu**	**65**	**0.003**	ug/L	0.005	156	43	49	24	KED
|	**Zn**	**66**	**-0.008**	ug/L	0.047	588	252	235	15	KED
|	**Zn**	**67**	**0.022**	ug/L	0.053	238	36	38	17	KED
|	**As**	**75**	**0.004**	ug/L	0.006	136	4	5	38	KED
⌊	**Se**	**78**	**0.089**	ug/L	0.127	141	18	22	26	KED
	Y	**89**		ug/L			663496	621767	4	Standard
	Kr	**83**		ug/L			309	288	4	Standard
⌈>	**In-1**	**115**		ug/L			27472	26421	1	KED
|	**Mo**	**98**	**0.019**	ug/L	0.005	26	20	55	15	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.003	932	4	4	32	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.001	3323	2	2	40	KED
⌈>	**In**	**115**		ug/L			1233845	1081576	4	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	32	36	80	20	Standard
|	**Ba**	**135**	**0.002**	ug/L	0.001	54	67	75	14	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	441	123	104	11	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2223976	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	25	593	649	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 19:57:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	44862	0	Standard
	Cl	37		ug/L			6351901	6166321	0	Standard
>	Sc	45		ug/L			1373317	1264692	1	Standard
	Cr	52	0.100	ug/L	0.023	23	22922	23544	1	Standard
	Cr	53	0.063	ug/L	0.005	7	225	411	2	Standard
	Mn	55	0.048	ug/L	0.001	1	1193	2850	1	Standard
>	Ge	72		ug/L			104285	98278	3	KED
	Ni	60	0.051	ug/L	0.002	4	39	125	4	KED
	Ni	62	0.065	ug/L	0.006	9	5	23	9	KED
	Cu	63	0.021	ug/L	0.005	24	99	195	15	KED
	Cu	65	0.022	ug/L	0.003	15	43	93	7	KED
	Zn	66	-0.020	ug/L	0.012	59	252	222	5	KED
	Zn	67	0.002	ug/L	0.011	706	36	34	6	KED
	As	75	0.004	ug/L	0.003	68	4	5	21	KED
	Se	78	0.099	ug/L	0.120	121	18	22	27	KED
	Y	89		ug/L			663496	645055	4	Standard
	Kr	83		ug/L			309	307	6	Standard
>	In-1	115		ug/L			27472	26513	2	KED
	Mo	98	0.007	ug/L	0.003	45	20	33	16	KED
	Cd	111	-0.003	ug/L	0.005	159	4	3	75	KED
	Cd	114	0.004	ug/L	0.006	140	2	7	87	KED
>	In	115		ug/L			1233845	1115459	2	Standard
	Ag	107	0.001	ug/L	0.000	42	36	48	15	Standard
	Ba	135	0.003	ug/L	0.000	13	67	83	1	Standard
	Ba	137	0.001	ug/L	0.001	154	123	124	16	Standard
>	Tb	159		ug/L			2424116	2320440	2	Standard
	Pb	208	0.002	ug/L	0.000	13	593	728	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:01:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	50716	1	Standard
	Cl	37		ug/L			6351901	6454589	0	Standard
>	Sc	45		ug/L			1373317	1272719	0	Standard
	Cr	52	27.054	ug/L	0.181	0	22922	687035	0	Standard
	Cr	53	24.624	ug/L	0.319	1	225	80138	0	Standard
	Mn	55	28.555	ug/L	0.321	1	1193	1040147	1	Standard
>	Ge	72		ug/L			104285	101841	1	KED
	Ni	60	23.351	ug/L	0.523	2	39	41637	1	KED
	Ni	62	23.017	ug/L	1.236	5	5	6686	6	KED
	Cu	63	23.204	ug/L	0.290	1	99	117902	0	KED
	Cu	65	23.273	ug/L	0.278	1	43	58882	0	KED
	Zn	66	74.279	ug/L	2.326	3	252	58652	1	KED
	Zn	67	70.830	ug/L	2.509	3	36	9078	3	KED
	As	75	23.402	ug/L	0.422	1	4	9354	0	KED
	Se	78	74.590	ug/L	1.912	2	18	3575	0	KED
	Y	89		ug/L			663496	645673	1	Standard
	Kr	83		ug/L			309	327	2	Standard
>	In-1	115		ug/L			27472	26216	2	KED
	Mo	98	0.007	ug/L	0.003	47	20	33	21	KED
	Cd	111	24.251	ug/L	0.601	2	4	10256	0	KED
	Cd	114	23.941	ug/L	0.619	2	2	25622	1	KED
>	In	115		ug/L			1233845	1123452	0	Standard
	Ag	107	24.528	ug/L	0.314	1	36	390474	1	Standard
	Ba	135	24.101	ug/L	0.261	1	67	179825	1	Standard
	Ba	137	24.247	ug/L	0.373	1	123	321467	1	Standard
>	Tb	159		ug/L			2424116	2371081	1	Standard
	Pb	208	24.437	ug/L	0.446	1	593	2487862	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:06:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	45497	0	Standard
	Cl	37		ug/L			6351901	6348540	1	Standard
>	Sc	45		ug/L			1373317	1262103	1	Standard
	Cr	52	0.120	ug/L	0.005	4	22922	23985	1	Standard
	Cr	53	0.066	ug/L	0.003	4	225	420	3	Standard
	Mn	55	0.296	ug/L	0.005	1	1193	11761	1	Standard
>	Ge	72		ug/L			104285	101785	0	KED
	Ni	60	0.031	ug/L	0.005	17	39	93	10	KED
	Ni	62	0.038	ug/L	0.017	44	5	16	29	KED
	Cu	63	0.067	ug/L	0.005	7	99	434	5	KED
	Cu	65	0.066	ug/L	0.000	0	43	210	0	KED
	Zn	66	-0.016	ug/L	0.041	248	252	233	13	KED
	Zn	67	0.022	ug/L	0.068	308	36	38	22	KED
	As	75	0.004	ug/L	0.004	105	4	5	30	KED
	Se	78	0.098	ug/L	0.049	50	18	22	10	KED
	Y	89		ug/L			663496	649657	0	Standard
	Kr	83		ug/L			309	302	5	Standard
>	In-1	115		ug/L			27472	26417	1	KED
	Mo	98	0.000	ug/L	0.001	237	20	20	9	KED
	Cd	111	0.006	ug/L	0.003	44	4	7	15	KED
	Cd	114	0.005	ug/L	0.005	89	2	8	57	KED
>	In	115		ug/L			1233845	1107305	2	Standard
	Ag	107	0.002	ug/L	0.000	22	36	60	10	Standard
	Ba	135	0.004	ug/L	0.001	34	67	89	9	Standard
	Ba	137	0.004	ug/L	0.002	55	123	161	14	Standard
>	Tb	159		ug/L			2424116	2342893	1	Standard
	Pb	208	0.079	ug/L	0.002	2	593	8468	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:10:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	50525	1	Standard
	Cl	**37**		ug/L			6351901	6535530	1	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1268977	2	Standard
⎢	**Cr**	**52**	**27.742**	ug/L	0.329	1	22922	701806	1	Standard
⎢	**Cr**	**53**	**24.908**	ug/L	0.238	0	225	80823	2	Standard
⎣	**Mn**	**55**	**29.019**	ug/L	0.786	2	1193	1053747	2	Standard
⎡>	**Ge**	**72**		ug/L			104285	100530	0	KED
⎢	**Ni**	**60**	**24.432**	ug/L	0.163	0	39	43011	0	KED
⎢	**Ni**	**62**	**23.904**	ug/L	0.432	1	5	6852	1	KED
⎢	**Cu**	**63**	**24.359**	ug/L	0.144	0	99	122192	0	KED
⎢	**Cu**	**65**	**24.281**	ug/L	0.263	1	43	60648	0	KED
⎢	**Zn**	**66**	**77.255**	ug/L	1.286	1	252	60230	1	KED
⎢	**Zn**	**67**	**74.661**	ug/L	3.467	4	36	9446	4	KED
⎢	**As**	**75**	**24.119**	ug/L	0.174	0	4	9518	0	KED
⎣	**Se**	**78**	**76.520**	ug/L	0.845	1	18	3621	1	KED
	Y	**89**		ug/L			663496	650572	1	Standard
	Kr	**83**		ug/L			309	312	3	Standard
⎡>	**In-1**	**115**		ug/L			27472	25788	1	KED
⎢	**Mo**	**98**	**0.001**	ug/L	0.006	713	20	21	51	KED
⎢	**Cd**	**111**	**25.026**	ug/L	0.466	1	4	10413	0	KED
⎣	**Cd**	**114**	**24.804**	ug/L	0.345	1	2	26118	0	KED
⎡>	**In**	**115**		ug/L			1233845	1119377	2	Standard
⎢	**Ag**	**107**	**24.976**	ug/L	0.424	1	36	396117	2	Standard
⎢	**Ba**	**135**	**24.796**	ug/L	0.466	1	67	184283	0	Standard
⎣	**Ba**	**137**	**24.938**	ug/L	0.584	2	123	329336	0	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2362722	1	Standard
⎣	**Pb**	**208**	**24.890**	ug/L	0.316	1	593	2524948	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:14:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	124300	1	Standard
	Cl	**37**		ug/L			6351901	6050057	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1494939	2	Standard
|	**Cr**	**52**	**1.692**	ug/L	0.052	3	22922	73851	1	Standard
|	**Cr**	**53**	**1.502**	ug/L	0.020	1	225	5971	1	Standard
⌊	**Mn**	**55**	**28.426**	ug/L	0.380	1	1193	1215995	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	103845	0	KED
|	**Ni**	**60**	**1.708**	ug/L	0.064	3	39	3143	3	KED
|	**Ni**	**62**	**1.854**	ug/L	0.043	2	5	554	1	KED
|	**Cu**	**63**	**6.068**	ug/L	0.097	1	99	31514	1	KED
|	**Cu**	**65**	**6.114**	ug/L	0.076	1	43	15808	0	KED
|	**Zn**	**66**	**16.567**	ug/L	0.104	0	252	13539	0	KED
|	**Zn**	**67**	**16.762**	ug/L	0.800	4	36	2218	4	KED
|	**As**	**75**	**4.663**	ug/L	0.060	1	4	1904	0	KED
⌊	**Se**	**78**	**0.330**	ug/L	0.091	27	18	34	13	KED
	Y	**89**		ug/L			663496	698454	2	Standard
	Kr	**83**		ug/L			309	313	13	Standard
⌈>	**In-1**	**115**		ug/L			27472	27830	2	KED
|	**Mo**	**98**	**1.883**	ug/L	0.056	2	20	3790	0	KED
|	**Cd**	**111**	**0.087**	ug/L	0.014	16	4	43	12	KED
⌊	**Cd**	**114**	**0.096**	ug/L	0.015	15	2	111	15	KED
⌈>	**In**	**115**		ug/L			1233845	1226525	0	Standard
|	**Ag**	**107**	**0.028**	ug/L	0.002	6	36	520	5	Standard
|	**Ba**	**135**	**21.922**	ug/L	0.428	1	67	178574	1	Standard
⌊	**Ba**	**137**	**21.523**	ug/L	0.172	0	123	311566	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2441982	1	Standard
⌊	**Pb**	**208**	**0.946**	ug/L	0.017	1	593	99713	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0448-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 20:22:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	44021	0	Standard
	Cl	37		ug/L			6351901	6305071	1	Standard
>	Sc	45		ug/L			1373317	1529997	1	Standard
	Cr	52	17.113	ug/L	0.372	2	22922	531753	1	Standard
	Cr	53	15.802	ug/L	0.047	0	225	61918	1	Standard
	Mn	55	345.470	ug/L	2.309	0	1193	15112144	0	Standard
>	Ge	72		ug/L			104285	99662	1	KED
	Ni	60	24.998	ug/L	0.350	1	39	43624	1	KED
	Ni	62	24.690	ug/L	0.550	2	5	7016	2	KED
	Cu	63	26.553	ug/L	0.327	1	99	132027	0	KED
	Cu	65	26.448	ug/L	0.262	0	43	65481	0	KED
	Zn	66	58.722	ug/L	0.114	0	252	45443	0	KED
	Zn	67	60.026	ug/L	1.923	3	36	7535	3	KED
	As	75	3.042	ug/L	0.054	1	4	1193	0	KED
	Se	78	0.776	ug/L	0.051	6	18	54	3	KED
	Y	89		ug/L			663496	991071	1	Standard
	Kr	83		ug/L			309	420	4	Standard
>	In-1	115		ug/L			27472	26088	1	KED
	Mo	98	0.341	ug/L	0.021	6	20	660	4	KED
	Cd	111	0.178	ug/L	0.003	1	4	79	1	KED
	Cd	114	0.170	ug/L	0.013	7	2	183	5	KED
>	In	115		ug/L			1233845	1091124	0	Standard
	Ag	107	0.124	ug/L	0.004	3	36	1956	3	Standard
	Ba	135	81.708	ug/L	2.011	2	67	591881	1	Standard
	Ba	137	80.995	ug/L	0.607	0	123	1042674	0	Standard
>	Tb	159		ug/L			2424116	2364384	0	Standard
	Pb	208	3.012	ug/L	0.013	0	593	306322	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-11
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 20:27:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	48225	2	Standard
	Cl	37		ug/L			6351901	6209500	0	Standard
>	Sc	45		ug/L			1373317	1407875	1	Standard
	Cr	52	13.302	ug/L	0.215	1	22922	385599	1	Standard
	Cr	53	12.114	ug/L	0.071	0	225	43727	0	Standard
	Mn	55	130.386	ug/L	2.049	1	1193	5248787	0	Standard
>	Ge	72		ug/L			104285	100679	1	KED
	Ni	60	10.133	ug/L	0.156	1	39	17888	2	KED
	Ni	62	10.419	ug/L	0.225	2	5	2993	1	KED
	Cu	63	20.039	ug/L	0.429	2	99	100672	1	KED
	Cu	65	20.268	ug/L	0.296	1	43	50701	1	KED
	Zn	66	43.333	ug/L	0.791	1	252	33936	0	KED
	Zn	67	42.818	ug/L	0.825	1	36	5441	3	KED
	As	75	4.078	ug/L	0.082	2	4	1615	0	KED
	Se	78	0.570	ug/L	0.048	8	18	44	4	KED
	Y	89		ug/L			663496	898166	0	Standard
	Kr	83		ug/L			309	349	4	Standard
>	In-1	115		ug/L			27472	26350	0	KED
	Mo	98	0.231	ug/L	0.007	3	20	458	3	KED
	Cd	111	0.106	ug/L	0.016	14	4	49	13	KED
	Cd	114	0.123	ug/L	0.004	3	2	135	4	KED
>	In	115		ug/L			1233845	1126765	0	Standard
	Ag	107	0.110	ug/L	0.006	5	36	1786	4	Standard
	Ba	135	27.532	ug/L	0.308	1	67	206022	1	Standard
	Ba	137	27.706	ug/L	0.288	1	123	368403	0	Standard
>	Tb	159		ug/L			2424116	2400162	1	Standard
	Pb	208	9.834	ug/L	0.170	1	593	1013650	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-14
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 20:31:30

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	42077	1	Standard
	Cl	**37**		ug/L			6351901	6286697	1	Standard
>	**Sc**	**45**		ug/L			1373317	1396531	0	Standard
	Cr	**52**	**11.714**	ug/L	0.019	0	22922	339640	0	Standard
	Cr	**53**	**10.550**	ug/L	0.065	0	225	37806	0	Standard
	Mn	**55**	**138.177**	ug/L	2.480	1	1193	5518076	1	Standard
>	**Ge**	**72**		ug/L			104285	96540	9	KED
	Ni	**60**	**9.238**	ug/L	0.902	9	39	15548	0	KED
	Ni	**62**	**9.312**	ug/L	0.965	10	5	2551	4	KED
	Cu	**63**	**14.896**	ug/L	1.550	10	99	71344	0	KED
	Cu	**65**	**14.851**	ug/L	1.395	9	43	35437	0	KED
	Zn	**66**	**37.113**	ug/L	3.182	8	252	27765	1	KED
	Zn	**67**	**35.480**	ug/L	2.343	6	36	4314	5	KED
	As	**75**	**4.411**	ug/L	0.391	8	4	1666	1	KED
	Se	**78**	**0.439**	ug/L	0.020	4	18	37	8	KED
	Y	**89**		ug/L			663496	885348	1	Standard
	Kr	**83**		ug/L			309	340	8	Standard
>	**In-1**	**115**		ug/L			27472	26174	1	KED
	Mo	**98**	**0.277**	ug/L	0.006	2	20	542	2	KED
	Cd	**111**	**0.116**	ug/L	0.020	17	4	53	15	KED
	Cd	**114**	**0.107**	ug/L	0.007	6	2	117	7	KED
>	**In**	**115**		ug/L			1233845	1105841	1	Standard
	Ag	**107**	**0.097**	ug/L	0.003	3	36	1545	2	Standard
	Ba	**135**	**21.653**	ug/L	0.376	1	67	159005	1	Standard
	Ba	**137**	**21.536**	ug/L	0.726	3	123	280996	2	Standard
>	**Tb**	**159**		ug/L			2424116	2370919	1	Standard
	Pb	**208**	**7.920**	ug/L	0.072	0	593	806706	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-15
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 20:35:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	44381	0	Standard
	Cl	**37**		ug/L			6351901	6248514	1	Standard
>	**Sc**	**45**		ug/L			1373317	1416051	2	Standard
	Cr	**52**	**10.460**	ug/L	0.245	2	22922	309957	0	Standard
	Cr	**53**	**9.431**	ug/L	0.212	2	225	34284	1	Standard
	Mn	**55**	**194.170**	ug/L	2.875	1	1193	7860539	0	Standard
>	**Ge**	**72**		ug/L			104285	101822	2	KED
	Ni	**60**	**8.139**	ug/L	0.194	2	39	14533	1	KED
	Ni	**62**	**8.375**	ug/L	0.338	4	5	2433	2	KED
	Cu	**63**	**17.981**	ug/L	0.261	1	99	91360	0	KED
	Cu	**65**	**18.188**	ug/L	0.483	2	43	46009	1	KED
	Zn	**66**	**32.480**	ug/L	0.324	0	252	25787	1	KED
	Zn	**67**	**32.899**	ug/L	1.298	3	36	4233	2	KED
	As	**75**	**5.642**	ug/L	0.158	2	4	2257	0	KED
	Se	**78**	**0.562**	ug/L	0.049	8	18	45	6	KED
	Y	**89**		ug/L			663496	915999	1	Standard
	Kr	**83**		ug/L			309	389	5	Standard
>	**In-1**	**115**		ug/L			27472	26337	0	KED
	Mo	**98**	**0.388**	ug/L	0.013	3	20	755	3	KED
	Cd	**111**	**0.117**	ug/L	0.014	11	4	54	10	KED
	Cd	**114**	**0.130**	ug/L	0.003	2	2	142	1	KED
>	**In**	**115**		ug/L			1233845	1104144	1	Standard
	Ag	**107**	**0.108**	ug/L	0.001	0	36	1724	2	Standard
	Ba	**135**	**42.228**	ug/L	1.215	2	67	309503	1	Standard
	Ba	**137**	**42.765**	ug/L	0.537	1	123	557103	0	Standard
>	**Tb**	**159**		ug/L			2424116	2418312	1	Standard
	Pb	**208**	**6.161**	ug/L	0.125	2	593	640041	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:41:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	30166	1	Standard
	Cl	**37**		ug/L			6351901	6059125	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1239529	1	Standard
|	**Cr**	**52**	**0.006**	ug/L	0.013	212	22922	20836	1	Standard
|	**Cr**	**53**	**0.017**	ug/L	0.008	48	225	258	9	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	14	1193	1309	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	100023	0	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.006	111	39	27	38	KED
|	**Ni**	**62**	**0.016**	ug/L	0.010	61	5	10	28	KED
|	**Cu**	**63**	**0.003**	ug/L	0.005	160	99	111	23	KED
|	**Cu**	**65**	**0.001**	ug/L	0.002	134	43	45	11	KED
|	**Zn**	**66**	**0.144**	ug/L	0.026	17	252	353	5	KED
|	**Zn**	**67**	**0.068**	ug/L	0.084	124	36	43	24	KED
|	**As**	**75**	**0.002**	ug/L	0.006	247	4	5	47	KED
⌊	**Se**	**78**	**0.010**	ug/L	0.077	771	18	18	19	KED
	Y	**89**		ug/L			663496	631107	1	Standard
	Kr	**83**		ug/L			309	277	17	Standard
⌈>	**In-1**	**115**		ug/L			27472	25749	0	KED
|	**Mo**	**98**	**-0.008**	ug/L	0.002	20	20	4	64	KED
|	**Cd**	**111**	**0.004**	ug/L	0.003	69	4	6	18	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.005	98	2	8	65	KED
⌈>	**In**	**115**		ug/L			1233845	1101975	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	67	36	48	22	Standard
|	**Ba**	**135**	**0.004**	ug/L	0.001	21	67	90	6	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	24	123	165	8	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2294769	1	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	7	593	1040	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:46:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28992	0	Standard
	Cl	**37**		ug/L			6351901	6478287	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1251354	0	Standard
|	**Cr**	**52**	**54.407**	ug/L	0.207	0	22922	1337402	1	Standard
|	**Cr**	**53**	**49.240**	ug/L	0.567	1	225	157371	1	Standard
⌊	**Mn**	**55**	**50.458**	ug/L	0.295	0	1193	1806261	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	98824	0	KED
|	**Ni**	**60**	**48.216**	ug/L	0.387	0	39	83401	0	KED
|	**Ni**	**62**	**47.757**	ug/L	0.663	1	5	13452	1	KED
|	**Cu**	**63**	**48.676**	ug/L	0.648	1	99	239914	0	KED
|	**Cu**	**65**	**48.304**	ug/L	0.937	1	43	118554	1	KED
|	**Zn**	**66**	**48.024**	ug/L	0.815	1	252	36899	2	KED
|	**Zn**	**67**	**48.570**	ug/L	0.441	0	36	6052	1	KED
|	**As**	**75**	**47.857**	ug/L	0.697	1	4	18563	1	KED
⌊	**Se**	**78**	**48.898**	ug/L	1.414	2	18	2280	2	KED
	Y	**89**		ug/L			663496	636493	1	Standard
	Kr	**83**		ug/L			309	290	16	Standard
⌈>	**In-1**	**115**		ug/L			27472	25616	1	KED
|	**Mo**	**98**	**49.032**	ug/L	1.100	2	20	90372	0	KED
|	**Cd**	**111**	**49.367**	ug/L	0.387	0	4	20402	0	KED
⌊	**Cd**	**114**	**49.400**	ug/L	1.259	2	2	51666	1	KED
⌈>	**In**	**115**		ug/L			1233845	1111460	2	Standard
|	**Ag**	**107**	**49.194**	ug/L	1.330	2	36	774432	1	Standard
|	**Ba**	**135**	**49.060**	ug/L	1.034	2	67	361962	0	Standard
⌊	**Ba**	**137**	**48.934**	ug/L	1.199	2	123	641573	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2316052	0	Standard
⌊	**Pb**	**208**	**49.178**	ug/L	0.458	0	593	4890149	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:53:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	26329	2	Standard
	Cl	**37**		ug/L			6351901	6259374	2	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1231993	0	Standard
|	**Cr**	**52**	**0.032**	ug/L	0.006	19	22922	21318	1	Standard
|	**Cr**	**53**	**0.006**	ug/L	0.002	34	225	222	3	Standard
⌊	**Mn**	**55**	**-0.006**	ug/L	0.000	2	1193	860	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	99928	1	KED
|	**Ni**	**60**	**-0.010**	ug/L	0.006	58	39	20	48	KED
|	**Ni**	**62**	**0.012**	ug/L	0.016	129	5	8	49	KED
|	**Cu**	**63**	**0.001**	ug/L	0.002	259	99	99	13	KED
|	**Cu**	**65**	**0.004**	ug/L	0.007	171	43	51	30	KED
|	**Zn**	**66**	**-0.008**	ug/L	0.027	320	252	234	8	KED
|	**Zn**	**67**	**-0.064**	ug/L	0.023	36	36	27	10	KED
|	**As**	**75**	**0.004**	ug/L	0.002	50	4	5	13	KED
⌊	**Se**	**78**	**0.070**	ug/L	0.134	190	18	21	30	KED
	Y	**89**		ug/L			663496	625076	2	Standard
	Kr	**83**		ug/L			309	313	3	Standard
⌈>	**In-1**	**115**		ug/L			27472	26341	1	KED
|	**Mo**	**98**	**0.009**	ug/L	0.005	55	20	36	24	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.004	1426	4	4	32	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.001	35	2	6	17	KED
⌈>	**In**	**115**		ug/L			1233845	1106148	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	66	36	60	30	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.001	224	67	64	13	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.002	1103	123	108	20	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2290251	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	39	593	621	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:58:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	48842	1	Standard
	Cl	37		ug/L			6351901	6205598	2	Standard
>	Sc	45		ug/L			1373317	1256953	1	Standard
	Cr	52	0.212	ug/L	0.031	14	22922	26116	2	Standard
	Cr	53	0.134	ug/L	0.010	7	225	635	5	Standard
	Mn	55	0.028	ug/L	0.002	5	1193	2103	2	Standard
>	Ge	72		ug/L			104285	98107	0	KED
	Ni	60	-0.010	ug/L	0.010	98	39	20	79	KED
	Ni	62	0.008	ug/L	0.007	84	5	7	25	KED
	Cu	63	0.018	ug/L	0.002	11	99	180	4	KED
	Cu	65	0.019	ug/L	0.006	31	43	86	17	KED
	Zn	66	0.021	ug/L	0.004	21	252	252	1	KED
	Zn	67	0.064	ug/L	0.124	193	36	42	36	KED
	As	75	0.001	ug/L	0.002	127	4	4	15	KED
	Se	78	0.075	ug/L	0.089	118	18	21	18	KED
	Y	89		ug/L			663496	639245	1	Standard
	Kr	83		ug/L			309	314	12	Standard
>	In-1	115		ug/L			27472	26006	2	KED
	Mo	98	0.010	ug/L	0.004	44	20	37	21	KED
	Cd	111	0.001	ug/L	0.000	44	4	4	0	KED
	Cd	114	0.004	ug/L	0.004	83	2	7	52	KED
>	In	115		ug/L			1233845	1114723	0	Standard
	Ag	107	0.001	ug/L	0.001	47	36	52	18	Standard
	Ba	135	0.003	ug/L	0.001	42	67	80	9	Standard
	Ba	137	0.003	ug/L	0.001	46	123	144	10	Standard
>	Tb	159		ug/L			2424116	2319231	1	Standard
	Pb	208	-0.000	ug/L	0.000	199	593	546	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:03:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	51522	0	Standard
	Cl	**37**		ug/L			6351901	6472949	0	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1253792	1	Standard
⎢	**Cr**	**52**	**28.326**	ug/L	0.747	2	22922	707548	1	Standard
⎢	**Cr**	**53**	**25.580**	ug/L	0.504	1	225	81997	1	Standard
⎣	**Mn**	**55**	**29.561**	ug/L	0.704	2	1193	1060550	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	99627	1	KED
⎢	**Ni**	**60**	**24.525**	ug/L	0.363	1	39	42784	1	KED
⎢	**Ni**	**62**	**24.725**	ug/L	0.436	1	5	7023	0	KED
⎢	**Cu**	**63**	**24.409**	ug/L	0.279	1	99	121328	0	KED
⎢	**Cu**	**65**	**24.516**	ug/L	0.230	0	43	60683	1	KED
⎢	**Zn**	**66**	**78.660**	ug/L	1.322	1	252	60763	0	KED
⎢	**Zn**	**67**	**75.668**	ug/L	0.970	1	36	9486	1	KED
⎢	**As**	**75**	**24.673**	ug/L	0.182	0	4	9649	0	KED
⎣	**Se**	**78**	**78.870**	ug/L	1.671	2	18	3697	1	KED
	Y	**89**		ug/L			663496	645189	1	Standard
	Kr	**83**		ug/L			309	299	5	Standard
⎡>	**In-1**	**115**		ug/L			27472	26234	2	KED
⎢	**Mo**	**98**	**0.005**	ug/L	0.002	28	20	30	11	KED
⎢	**Cd**	**111**	**25.095**	ug/L	0.679	2	4	10621	1	KED
⎣	**Cd**	**114**	**25.122**	ug/L	0.651	2	2	26905	1	KED
⎡>	**In**	**115**		ug/L			1233845	1115860	1	Standard
⎢	**Ag**	**107**	**25.204**	ug/L	0.087	0	36	398496	1	Standard
⎢	**Ba**	**135**	**24.999**	ug/L	0.262	1	67	185241	0	Standard
⎣	**Ba**	**137**	**24.973**	ug/L	0.114	0	123	328855	0	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2328330	0	Standard
⎣	**Pb**	**208**	**25.498**	ug/L	0.461	1	593	2549027	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 21:09:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	38138	0	Standard
	Cl	**37**		ug/L			6351901	6188451	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1285396	1	Standard
|	**Cr**	**52**	**0.028**	ug/L	0.012	41	22922	22146	0	Standard
|	**Cr**	**53**	**0.084**	ug/L	0.002	2	225	485	3	Standard
⌊	**Mn**	**55**	**9.761**	ug/L	0.127	1	1193	359770	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	99080	2	KED
|	**Ni**	**60**	**0.020**	ug/L	0.001	6	39	72	2	KED
|	**Ni**	**62**	**0.033**	ug/L	0.011	34	5	14	19	KED
|	**Cu**	**63**	**0.051**	ug/L	0.000	0	99	345	2	KED
|	**Cu**	**65**	**0.050**	ug/L	0.012	24	43	163	16	KED
|	**Zn**	**66**	**0.188**	ug/L	0.013	7	252	383	4	KED
|	**Zn**	**67**	**0.435**	ug/L	0.067	15	36	88	7	KED
|	**As**	**75**	**0.017**	ug/L	0.007	40	4	10	26	KED
⌊	**Se**	**78**	**0.067**	ug/L	0.022	32	18	20	3	KED
	Y	**89**		ug/L			663496	634572	2	Standard
	Kr	**83**		ug/L			309	280	7	Standard
⌈>	**In-1**	**115**		ug/L			27472	26639	0	KED
|	**Mo**	**98**	**0.142**	ug/L	0.005	3	20	291	2	KED
|	**Cd**	**111**	**0.021**	ug/L	0.005	25	4	13	17	KED
⌊	**Cd**	**114**	**0.022**	ug/L	0.010	44	2	26	38	KED
⌈>	**In**	**115**		ug/L			1233845	1153708	2	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	29	36	62	12	Standard
|	**Ba**	**135**	**4.254**	ug/L	0.148	3	67	32636	2	Standard
⌊	**Ba**	**137**	**4.266**	ug/L	0.122	2	123	58151	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2382011	0	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	3	593	878	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-DUP4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 21:14:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	38071	2	Standard
	Cl	**37**		ug/L			6351901	6328360	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1251130	0	Standard
|	**Cr**	**52**	**0.075**	ug/L	0.013	17	22922	22691	1	Standard
|	**Cr**	**53**	**0.132**	ug/L	0.004	3	225	625	2	Standard
⌊	**Mn**	**55**	**10.071**	ug/L	0.196	1	1193	361326	2	Standard
⌈>	**Ge**	**72**		ug/L			104285	96583	0	KED
|	**Ni**	**60**	**0.020**	ug/L	0.006	29	39	71	14	KED
|	**Ni**	**62**	**0.045**	ug/L	0.017	38	5	17	26	KED
|	**Cu**	**63**	**0.055**	ug/L	0.009	15	99	358	12	KED
|	**Cu**	**65**	**0.058**	ug/L	0.006	11	43	180	8	KED
|	**Zn**	**66**	**0.241**	ug/L	0.028	11	252	413	4	KED
|	**Zn**	**67**	**0.478**	ug/L	0.147	30	36	92	19	KED
|	**As**	**75**	**0.011**	ug/L	0.005	45	4	8	23	KED
⌊	**Se**	**78**	**0.059**	ug/L	0.048	81	18	19	10	KED
	Y	**89**		ug/L			663496	594482	0	Standard
	Kr	**83**		ug/L			309	304	5	Standard
⌈>	**In-1**	**115**		ug/L			27472	25931	1	KED
|	**Mo**	**98**	**0.146**	ug/L	0.011	7	20	292	6	KED
|	**Cd**	**111**	**0.021**	ug/L	0.016	75	4	13	49	KED
⌊	**Cd**	**114**	**0.027**	ug/L	0.004	15	2	31	14	KED
⌈>	**In**	**115**		ug/L			1233845	1147273	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	42	36	45	10	Standard
|	**Ba**	**135**	**4.107**	ug/L	0.057	1	67	31349	2	Standard
⌊	**Ba**	**137**	**4.182**	ug/L	0.061	1	123	56715	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2344702	0	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.001	16	593	913	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MS4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 21:19:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	39204	2	Standard
	Cl	**37**		ug/L			6351901	6230114	0	Standard
>	**Sc**	**45**		ug/L			1373317	1255341	0	Standard
	Cr	**52**	**5.562**	ug/L	0.153	2	22922	155965	2	Standard
	Cr	**53**	**5.097**	ug/L	0.105	2	225	16525	2	Standard
	Mn	**55**	**15.941**	ug/L	0.268	1	1193	573154	1	Standard
>	**Ge**	**72**		ug/L			104285	94657	0	KED
	Ni	**60**	**5.119**	ug/L	0.058	1	39	8513	1	KED
	Ni	**62**	**5.174**	ug/L	0.120	2	5	1400	2	KED
	Cu	**63**	**5.065**	ug/L	0.075	1	99	23991	0	KED
	Cu	**65**	**5.081**	ug/L	0.031	0	43	11981	0	KED
	Zn	**66**	**16.504**	ug/L	0.476	2	252	12294	2	KED
	Zn	**67**	**16.103**	ug/L	0.801	4	36	1944	5	KED
	As	**75**	**5.143**	ug/L	0.072	1	4	1914	1	KED
	Se	**78**	**16.450**	ug/L	0.783	4	18	746	4	KED
	Y	**89**		ug/L			663496	605824	1	Standard
	Kr	**83**		ug/L			309	274	8	Standard
>	**In-1**	**115**		ug/L			27472	25736	3	KED
	Mo	**98**	**0.136**	ug/L	0.013	9	20	270	9	KED
	Cd	**111**	**5.187**	ug/L	0.215	4	4	2158	6	KED
	Cd	**114**	**5.176**	ug/L	0.225	4	2	5441	4	KED
>	**In**	**115**		ug/L			1233845	1140106	0	Standard
	Ag	**107**	**4.986**	ug/L	0.052	1	36	80586	1	Standard
	Ba	**135**	**9.149**	ug/L	0.196	2	67	69306	1	Standard
	Ba	**137**	**9.228**	ug/L	0.219	2	123	124217	1	Standard
>	**Tb**	**159**		ug/L			2424116	2350968	0	Standard
	Pb	**208**	**5.390**	ug/L	0.029	0	593	544566	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MSD4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 21:24:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	39336	1	Standard
	Cl	**37**		ug/L			6351901	6257213	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1241883	0	Standard
|	**Cr**	**52**	**5.670**	ug/L	0.160	2	22922	156877	1	Standard
|	**Cr**	**53**	**5.147**	ug/L	0.060	1	225	16505	0	Standard
⌊	**Mn**	**55**	**16.290**	ug/L	0.202	1	1193	579424	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	94716	0	KED
|	**Ni**	**60**	**5.088**	ug/L	0.116	2	39	8467	1	KED
|	**Ni**	**62**	**5.033**	ug/L	0.157	3	5	1363	2	KED
|	**Cu**	**63**	**5.093**	ug/L	0.024	0	99	24139	0	KED
|	**Cu**	**65**	**5.071**	ug/L	0.144	2	43	11963	2	KED
|	**Zn**	**66**	**16.600**	ug/L	0.202	1	252	12372	0	KED
|	**Zn**	**67**	**16.177**	ug/L	0.511	3	36	1954	3	KED
|	**As**	**75**	**5.094**	ug/L	0.028	0	4	1897	0	KED
⌊	**Se**	**78**	**16.408**	ug/L	0.556	3	18	745	3	KED
	Y	**89**		ug/L			663496	596993	0	Standard
	Kr	**83**		ug/L			309	285	15	Standard
⌈>	**In-1**	**115**		ug/L			27472	25982	1	KED
|	**Mo**	**98**	**0.150**	ug/L	0.019	12	20	299	9	KED
|	**Cd**	**111**	**5.231**	ug/L	0.172	3	4	2196	1	KED
⌊	**Cd**	**114**	**5.375**	ug/L	0.177	3	2	5703	1	KED
⌈>	**In**	**115**		ug/L			1233845	1157054	3	Standard
|	**Ag**	**107**	**5.086**	ug/L	0.096	1	36	83384	1	Standard
|	**Ba**	**135**	**9.146**	ug/L	0.408	4	67	70251	1	Standard
⌊	**Ba**	**137**	**9.212**	ug/L	0.238	2	123	125789	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2352446	0	Standard
⌊	**Pb**	**208**	**5.501**	ug/L	0.071	1	593	556066	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0165-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:32:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	740583	2	Standard
	Cl	37		ug/L			6351901	6290954	1	Standard
>	Sc	45		ug/L			1373317	1228577	2	Standard
	Cr	52	7.626	ug/L	0.069	0	22922	201644	1	Standard
	Cr	53	5.736	ug/L	0.139	2	225	18169	0	Standard
	Mn	55	26.801	ug/L	0.355	1	1193	942545	3	Standard
>	Ge	72		ug/L			104285	84232	0	KED
	Ni	60	13.685	ug/L	0.353	2	39	20197	1	KED
	Ni	62	13.462	ug/L	0.138	1	5	3235	0	KED
	Cu	63	5.044	ug/L	0.032	0	99	21264	1	KED
	Cu	65	5.062	ug/L	0.040	0	43	10622	1	KED
	Zn	66	5.734	ug/L	0.027	0	252	3934	1	KED
	Zn	67	8.419	ug/L	0.303	3	36	918	3	KED
	As	75	0.280	ug/L	0.013	4	4	95	4	KED
	Se	78	0.196	ug/L	0.106	53	18	22	19	KED
	Y	89		ug/L			663496	561920	1	Standard
	Kr	83		ug/L			309	300	13	Standard
>	In-1	115		ug/L			27472	23937	0	KED
	Mo	98	2.100	ug/L	0.027	1	20	3634	1	KED
	Cd	111	0.102	ug/L	0.034	33	4	43	30	KED
	Cd	114	0.090	ug/L	0.005	5	2	90	5	KED
>	In	115		ug/L			1233845	1127231	1	Standard
	Ag	107	0.006	ug/L	0.002	41	36	123	29	Standard
	Ba	135	62.473	ug/L	0.985	1	67	467496	0	Standard
	Ba	137	62.687	ug/L	0.899	1	123	833609	0	Standard
>	Tb	159		ug/L			2424116	2382065	1	Standard
	Pb	208	0.038	ug/L	0.003	8	593	4426	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:37:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	758961	2	Standard
	Cl	37		ug/L			6351901	6165649	1	Standard
>	Sc	45		ug/L			1373317	1192002	1	Standard
	Cr	52	7.764	ug/L	0.150	1	22922	198879	3	Standard
	Cr	53	5.684	ug/L	0.106	1	225	17474	0	Standard
	Mn	55	27.069	ug/L	0.579	2	1193	923488	2	Standard
>	Ge	72		ug/L			104285	82182	0	KED
	Ni	60	13.536	ug/L	0.168	1	39	19493	1	KED
	Ni	62	13.466	ug/L	0.078	0	5	3157	1	KED
	Cu	63	5.136	ug/L	0.061	1	99	21120	0	KED
	Cu	65	5.106	ug/L	0.103	2	43	10452	2	KED
	Zn	66	6.080	ug/L	0.257	4	252	4057	3	KED
	Zn	67	8.273	ug/L	0.301	3	36	881	2	KED
	As	75	0.272	ug/L	0.025	9	4	91	8	KED
	Se	78	0.093	ug/L	0.059	62	18	18	11	KED
	Y	89		ug/L			663496	537767	1	Standard
	Kr	83		ug/L			309	286	11	Standard
>	In-1	115		ug/L			27472	23430	1	KED
	Mo	98	2.124	ug/L	0.053	2	20	3599	3	KED
	Cd	111	0.120	ug/L	0.010	7	4	49	7	KED
	Cd	114	0.081	ug/L	0.012	14	2	80	15	KED
>	In	115		ug/L			1233845	1095507	1	Standard
	Ag	107	0.002	ug/L	0.001	44	36	66	21	Standard
	Ba	135	63.145	ug/L	0.483	0	67	459283	0	Standard
	Ba	137	63.644	ug/L	1.165	1	123	822518	0	Standard
>	Tb	159		ug/L			2424116	2357087	1	Standard
	Pb	208	0.035	ug/L	0.001	1	593	4151	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:43:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	524881	1	Standard
	Cl	37		ug/L			6351901	5988030	0	Standard
>	Sc	45		ug/L			1373317	1196159	0	Standard
	Cr	52	32.757	ug/L	0.191	0	22922	777651	1	Standard
	Cr	53	29.016	ug/L	0.289	0	225	88721	1	Standard
	Mn	55	53.550	ug/L	0.408	0	1193	1832370	1	Standard
>	Ge	72		ug/L			104285	81616	2	KED
	Ni	60	36.589	ug/L	0.415	1	39	52271	1	KED
	Ni	62	36.065	ug/L	0.379	1	5	8391	2	KED
	Cu	63	27.955	ug/L	0.464	1	99	113807	0	KED
	Cu	65	27.834	ug/L	0.407	1	43	56431	1	KED
	Zn	66	69.800	ug/L	1.166	1	252	44188	0	KED
	Zn	67	69.774	ug/L	0.668	0	36	7168	1	KED
	As	75	25.616	ug/L	0.667	2	4	8204	1	KED
	Se	78	72.871	ug/L	1.631	2	18	2799	0	KED
	Y	89		ug/L			663496	554949	1	Standard
	Kr	83		ug/L			309	296	1	Standard
>	In-1	115		ug/L			27472	23615	1	KED
	Mo	98	26.567	ug/L	0.658	2	20	45151	1	KED
	Cd	111	22.899	ug/L	0.333	1	4	8727	1	KED
	Cd	114	23.074	ug/L	0.383	1	2	22250	0	KED
>	In	115		ug/L			1233845	1102689	3	Standard
	Ag	107	19.001	ug/L	0.890	4	36	296614	2	Standard
	Ba	135	84.860	ug/L	2.178	2	67	620983	1	Standard
	Ba	137	84.473	ug/L	2.813	3	123	1098233	0	Standard
>	Tb	159		ug/L			2424116	2396159	1	Standard
	Pb	208	24.392	ug/L	0.207	0	593	2509492	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:50:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	40672	1	Standard
	Cl	**37**		ug/L			6351901	6247406	1	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1138102	1	Standard
⎢	**Cr**	**52**	**0.036**	ug/L	0.019	51	22922	19793	0	Standard
⎢	**Cr**	**53**	**0.016**	ug/L	0.004	25	225	233	6	Standard
⎣	**Mn**	**55**	**-0.005**	ug/L	0.001	14	1193	842	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	87893	1	KED
⎢	**Ni**	**60**	**-0.010**	ug/L	0.002	21	39	17	19	KED
⎢	**Ni**	**62**	**-0.002**	ug/L	0.009	538	5	4	49	KED
⎢	**Cu**	**63**	**0.003**	ug/L	0.005	155	99	97	20	KED
⎢	**Cu**	**65**	**0.004**	ug/L	0.005	128	43	45	24	KED
⎢	**Zn**	**66**	**0.083**	ug/L	0.038	46	252	269	10	KED
⎢	**Zn**	**67**	**0.041**	ug/L	0.044	105	36	35	12	KED
⎢	**As**	**75**	**-0.001**	ug/L	0.002	268	4	3	24	KED
⎣	**Se**	**78**	**0.139**	ug/L	0.082	59	18	21	14	KED
	Y	**89**		ug/L			663496	539067	0	Standard
	Kr	**83**		ug/L			309	257	10	Standard
⎡>	**In-1**	**115**		ug/L			27472	23688	1	KED
⎢	**Mo**	**98**	**-0.005**	ug/L	0.002	37	20	8	36	KED
⎢	**Cd**	**111**	**0.002**	ug/L	0.005	293	4	4	40	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.001	52	2	4	23	KED
⎡>	**In**	**115**		ug/L			1233845	1044781	2	Standard
⎢	**Ag**	**107**	**0.003**	ug/L	0.000	16	36	68	10	Standard
⎢	**Ba**	**135**	**0.004**	ug/L	0.001	34	67	81	8	Standard
⎣	**Ba**	**137**	**0.006**	ug/L	0.002	36	123	178	12	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2146402	0	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	23	593	657	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:55:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	31281	0	Standard
	Cl	**37**		ug/L			6351901	6208524	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1184392	2	Standard
|	**Cr**	**52**	**53.959**	ug/L	1.032	1	22922	1255329	1	Standard
|	**Cr**	**53**	**48.641**	ug/L	0.449	0	225	147115	1	Standard
⌊	**Mn**	**55**	**55.314**	ug/L	1.317	2	1193	1873538	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	90699	0	KED
|	**Ni**	**60**	**47.709**	ug/L	1.052	2	39	75741	2	KED
|	**Ni**	**62**	**46.842**	ug/L	1.262	2	5	12110	2	KED
|	**Cu**	**63**	**47.477**	ug/L	0.719	1	99	214765	0	KED
|	**Cu**	**65**	**47.399**	ug/L	0.808	1	43	106770	1	KED
|	**Zn**	**66**	**48.239**	ug/L	0.717	1	252	34011	1	KED
|	**Zn**	**67**	**47.749**	ug/L	0.926	1	36	5461	1	KED
|	**As**	**75**	**48.026**	ug/L	0.958	1	4	17095	1	KED
⌊	**Se**	**78**	**47.817**	ug/L	0.251	0	18	2047	0	KED
	Y	**89**		ug/L			663496	569885	1	Standard
	Kr	**83**		ug/L			309	288	3	Standard
⌈>	**In-1**	**115**		ug/L			27472	22341	12	KED
|	**Mo**	**98**	**52.207**	ug/L	6.265	12	20	83101	1	KED
|	**Cd**	**111**	**52.085**	ug/L	5.817	11	4	18601	2	KED
⌊	**Cd**	**114**	**53.405**	ug/L	5.636	10	2	48297	2	KED
⌈>	**In**	**115**		ug/L			1233845	1048047	1	Standard
|	**Ag**	**107**	**48.094**	ug/L	1.016	2	36	714023	0	Standard
|	**Ba**	**135**	**48.003**	ug/L	1.003	2	67	333980	0	Standard
⌊	**Ba**	**137**	**48.637**	ug/L	1.385	2	123	601367	2	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2239379	1	Standard
⌊	**Pb**	**208**	**49.181**	ug/L	1.147	2	593	4727426	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:02:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28582	1	Standard
	Cl	**37**		ug/L			6351901	6167243	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1163825	2	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.031	128	22922	19966	2	Standard
|	**Cr**	**53**	**0.011**	ug/L	0.009	77	225	223	9	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.001	16	1193	828	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	91218	2	KED
|	**Ni**	**60**	**-0.005**	ug/L	0.004	84	39	26	25	KED
|	**Ni**	**62**	**0.008**	ug/L	0.008	108	5	6	31	KED
|	**Cu**	**63**	**0.002**	ug/L	0.003	135	99	97	12	KED
|	**Cu**	**65**	**0.002**	ug/L	0.005	201	43	43	26	KED
|	**Zn**	**66**	**0.000**	ug/L	0.031	15083	252	220	7	KED
|	**Zn**	**67**	**0.085**	ug/L	0.108	127	36	41	29	KED
|	**As**	**75**	**0.005**	ug/L	0.005	105	4	5	33	KED
⌊	**Se**	**78**	**0.031**	ug/L	0.066	214	18	17	13	KED
	Y	**89**		ug/L			663496	564122	2	Standard
	Kr	**83**		ug/L			309	259	11	Standard
⌈>	**In-1**	**115**		ug/L			27472	24723	0	KED
|	**Mo**	**98**	**0.016**	ug/L	0.004	25	20	47	15	KED
|	**Cd**	**111**	**0.006**	ug/L	0.004	68	4	6	24	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.003	1137	2	2	100	KED
⌈>	**In**	**115**		ug/L			1233845	1037949	0	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.002	42	36	83	26	Standard
|	**Ba**	**135**	**0.004**	ug/L	0.001	37	67	84	12	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.002	115	123	126	20	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2173450	0	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.001	14	593	1068	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:06:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				27742	1	Standard
	Cl	**37**		ug/L				6079686	1	Standard
⌈>	**Sc**	**45**		ug/L				1159801	2	Standard
|	**Cr**	**52**		ug/L				19938	1	Standard
|	**Cr**	**53**		ug/L				235	11	Standard
⌊	**Mn**	**55**		ug/L				800	4	Standard
⌈>	**Ge**	**72**		ug/L				93175	0	KED
|	**Ni**	**60**		ug/L				25	8	KED
|	**Ni**	**62**		ug/L				6	62	KED
|	**Cu**	**63**		ug/L				88	15	KED
|	**Cu**	**65**		ug/L				42	10	KED
|	**Zn**	**66**		ug/L				248	19	KED
|	**Zn**	**67**		ug/L				33	34	KED
|	**As**	**75**		ug/L				3	28	KED
⌊	**Se**	**78**		ug/L				20	7	KED
	Y	**89**		ug/L				569901	2	Standard
	Kr	**83**		ug/L				285	4	Standard
⌈>	**In-1**	**115**		ug/L				24175	1	KED
|	**Mo**	**98**		ug/L				16	76	KED
|	**Cd**	**111**		ug/L				5	20	KED
⌊	**Cd**	**114**		ug/L				6	41	KED
⌈>	**In**	**115**		ug/L				1030192	0	Standard
|	**Ag**	**107**		ug/L				52	2	Standard
|	**Ba**	**135**		ug/L				78	8	Standard
⌊	**Ba**	**137**		ug/L				113	17	Standard
⌈>	**Tb**	**159**		ug/L				2188799	1	Standard
⌊	**Pb**	**208**		ug/L				946	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:11:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28423	1	Standard
	Cl	**37**		ug/L			6079686	6337942	1	Standard
>	**Sc**	**45**		ug/L			1159801	1206422	1	Standard
	Cr	**52**	**54.273**	ug/L	0.685	1	19938	1286961	2	Standard
	Cr	**53**	**48.622**	ug/L	0.431	0	235	149852	0	Standard
	Mn	**55**	**56.065**	ug/L	1.432	2	800	1934397	2	Standard
>	**Ge**	**72**		ug/L			93175	93729	0	KED
	Ni	**60**	**47.206**	ug/L	0.540	1	25	77437	0	KED
	Ni	**62**	**48.318**	ug/L	0.770	1	6	12909	1	KED
	Cu	**63**	**48.234**	ug/L	0.749	1	88	225485	1	KED
	Cu	**65**	**47.777**	ug/L	0.605	1	42	111228	1	KED
	Zn	**66**	**47.733**	ug/L	0.394	0	248	34807	1	KED
	Zn	**67**	**48.143**	ug/L	1.698	3	33	5690	3	KED
	As	**75**	**48.319**	ug/L	0.367	0	3	17775	0	KED
	Se	**78**	**47.770**	ug/L	0.632	1	20	2117	0	KED
	Y	**89**		ug/L			569901	585416	1	Standard
	Kr	**83**		ug/L			285	255	5	Standard
>	**In-1**	**115**		ug/L			24175	24778	1	KED
	Mo	**98**	**48.454**	ug/L	1.152	2	16	86381	0	KED
	Cd	**111**	**48.510**	ug/L	1.260	2	5	19390	1	KED
	Cd	**114**	**48.700**	ug/L	0.882	1	6	49271	0	KED
>	**In**	**115**		ug/L			1030192	1049943	1	Standard
	Ag	**107**	**49.223**	ug/L	1.008	2	52	732102	0	Standard
	Ba	**135**	**49.201**	ug/L	0.375	0	78	343067	2	Standard
	Ba	**137**	**49.181**	ug/L	0.853	1	113	609202	1	Standard
>	**Tb**	**159**		ug/L			2188799	2249716	0	Standard
	Pb	**208**	**49.282**	ug/L	0.669	1	946	4760379	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:18:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	27243	4	Standard
	Cl	**37**		ug/L			6079686	6074295	2	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1153517	1	Standard
|	**Cr**	**52**	**-0.005**	ug/L	0.016	298	19938	19708	0	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.003	68	235	221	5	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.000	24	800	852	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	90774	2	KED
|	**Ni**	**60**	**0.004**	ug/L	0.004	104	25	31	23	KED
|	**Ni**	**62**	**0.003**	ug/L	0.004	143	6	6	15	KED
|	**Cu**	**63**	**0.002**	ug/L	0.002	102	88	97	12	KED
|	**Cu**	**65**	**0.004**	ug/L	0.008	179	42	51	35	KED
|	**Zn**	**66**	**-0.003**	ug/L	0.028	918	248	240	10	KED
|	**Zn**	**67**	**-0.032**	ug/L	0.072	224	33	29	29	KED
|	**As**	**75**	**0.009**	ug/L	0.001	12	3	6	4	KED
⌊	**Se**	**78**	**0.076**	ug/L	0.145	189	20	23	26	KED
	Y	**89**		ug/L			569901	571666	2	Standard
	Kr	**83**		ug/L			285	275	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	24135	1	KED
|	**Mo**	**98**	**0.016**	ug/L	0.004	24	16	44	16	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.004	68	5	3	45	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	103	6	4	42	KED
⌈>	**In**	**115**		ug/L			1030192	1027746	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	17	52	71	3	Standard
|	**Ba**	**135**	**-0.002**	ug/L	0.001	67	78	65	13	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	424	113	110	8	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2160865	0	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	385	946	941	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0075-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:22:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	60732	1	Standard
	Cl	37		ug/L			6079686	6083970	0	Standard
>	Sc	45		ug/L			1159801	1176642	1	Standard
	Cr	52	0.685	ug/L	0.016	2	19938	35800	0	Standard
	Cr	53	1.290	ug/L	0.039	2	235	4109	2	Standard
	Mn	55	1.940	ug/L	0.025	1	800	66077	0	Standard
>	Ge	72		ug/L			93175	89270	0	KED
	Ni	60	0.591	ug/L	0.017	2	25	946	2	KED
	Ni	62	0.635	ug/L	0.021	3	6	167	3	KED
	Cu	63	11.597	ug/L	0.171	1	88	51697	0	KED
	Cu	65	11.623	ug/L	0.224	1	42	25802	1	KED
	Zn	66	2.413	ug/L	0.095	3	248	1901	2	KED
	Zn	67	2.384	ug/L	0.143	6	33	299	5	KED
	As	75	0.108	ug/L	0.007	6	3	41	5	KED
	Se	78	0.044	ug/L	0.061	136	20	21	11	KED
	Y	89		ug/L			569901	568103	0	Standard
	Kr	83		ug/L			285	286	13	Standard
>	In-1	115		ug/L			24175	23673	1	KED
	Mo	98	0.587	ug/L	0.035	5	16	1014	4	KED
	Cd	111	-0.003	ug/L	0.004	129	5	4	35	KED
	Cd	114	0.001	ug/L	0.004	454	6	7	55	KED
>	In	115		ug/L			1030192	1024294	1	Standard
	Ag	107	0.000	ug/L	0.001	227	52	57	20	Standard
	Ba	135	0.135	ug/L	0.001	0	78	998	1	Standard
	Ba	137	0.137	ug/L	0.003	2	113	1771	0	Standard
>	Tb	159		ug/L			2188799	2225392	0	Standard
	Pb	208	0.008	ug/L	0.001	7	946	1718	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0076-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:27:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	52233	2	Standard
	Cl	37		ug/L			6079686	6208933	0	Standard
>	Sc	45		ug/L			1159801	1200379	2	Standard
	Cr	52	27.909	ug/L	0.195	0	19938	668443	2	Standard
	Cr	53	25.396	ug/L	0.318	1	235	77984	0	Standard
	Mn	55	3.953	ug/L	0.042	1	800	136499	2	Standard
>	Ge	72		ug/L			93175	94597	0	KED
	Ni	60	136.428	ug/L	0.763	0	25	225832	0	KED
	Ni	62	136.415	ug/L	0.074	0	6	36774	0	KED
	Cu	63	113.549	ug/L	1.318	1	88	535650	1	KED
	Cu	65	112.433	ug/L	1.073	0	42	264113	0	KED
	Zn	66	628.588	ug/L	8.455	1	248	459533	1	KED
	Zn	67	595.380	ug/L	8.210	1	33	70646	1	KED
	As	75	0.136	ug/L	0.013	9	3	53	9	KED
	Se	78	4.684	ug/L	0.359	7	20	228	6	KED
	Y	89		ug/L			569901	593849	1	Standard
	Kr	83		ug/L			285	313	2	Standard
>	In-1	115		ug/L			24175	25024	1	KED
	Mo	98	0.452	ug/L	0.033	7	16	830	7	KED
	Cd	111	0.071	ug/L	0.016	22	5	34	20	KED
	Cd	114	0.070	ug/L	0.006	8	6	78	7	KED
>	In	115		ug/L			1030192	1058494	1	Standard
	Ag	107	0.011	ug/L	0.001	5	52	214	3	Standard
	Ba	135	1.434	ug/L	0.040	2	78	10156	1	Standard
	Ba	137	1.450	ug/L	0.032	2	113	18219	2	Standard
>	Tb	159		ug/L			2188799	2379587	1	Standard
	Pb	208	0.719	ug/L	0.010	1	946	74431	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0167-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:33:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	544867	1	Standard
	Cl	37		ug/L			6079686	5813996	1	Standard
>	Sc	45		ug/L			1159801	1110322	0	Standard
	Cr	52	5.098	ug/L	0.073	1	19938	128548	1	Standard
	Cr	53	3.654	ug/L	0.051	1	235	10574	1	Standard
	Mn	55	43.409	ug/L	0.346	0	800	1378759	1	Standard
>	Ge	72		ug/L			93175	79593	1	KED
	Ni	60	18.164	ug/L	0.253	1	25	25317	2	KED
	Ni	62	17.957	ug/L	0.227	1	6	4077	0	KED
	Cu	63	0.265	ug/L	0.016	6	88	1128	6	KED
	Cu	65	0.275	ug/L	0.022	7	42	579	6	KED
	Zn	66	7.156	ug/L	0.075	1	248	4611	1	KED
	Zn	67	7.728	ug/L	0.262	3	33	800	3	KED
	As	75	0.185	ug/L	0.004	2	3	60	3	KED
	Se	78	0.132	ug/L	0.055	41	20	22	8	KED
	Y	89		ug/L			569901	513056	1	Standard
	Kr	83		ug/L			285	294	5	Standard
>	In-1	115		ug/L			24175	22521	0	KED
	Mo	98	4.755	ug/L	0.078	1	16	7720	1	KED
	Cd	111	0.027	ug/L	0.001	4	5	14	3	KED
	Cd	114	0.021	ug/L	0.013	62	6	25	46	KED
>	In	115		ug/L			1030192	1015322	0	Standard
	Ag	107	-0.000	ug/L	0.001	2770	52	50	29	Standard
	Ba	135	19.781	ug/L	0.227	1	78	133418	1	Standard
	Ba	137	19.648	ug/L	0.321	1	113	235470	1	Standard
>	Tb	159		ug/L			2188799	2217033	0	Standard
	Pb	208	0.048	ug/L	0.001	2	946	5503	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:38:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	66557	2	Standard
	Cl	**37**		ug/L			6079686	6431128	2	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1346633	1	Standard
|	**Cr**	**52**	**9.641**	ug/L	0.071	0	19938	274190	0	Standard
|	**Cr**	**53**	**10.216**	ug/L	0.239	2	235	35354	1	Standard
⌊	**Mn**	**55**	**104.216**	ug/L	0.469	0	800	4013316	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	85284	1	KED
|	**Ni**	**60**	**14.324**	ug/L	0.257	1	25	21394	1	KED
|	**Ni**	**62**	**13.923**	ug/L	0.436	3	6	3388	2	KED
|	**Cu**	**63**	**5.092**	ug/L	0.034	0	88	21731	0	KED
|	**Cu**	**65**	**5.104**	ug/L	0.210	4	42	10847	4	KED
|	**Zn**	**66**	**16.326**	ug/L	0.235	1	248	10982	2	KED
|	**Zn**	**67**	**18.579**	ug/L	0.640	3	33	2017	4	KED
|	**As**	**75**	**2.593**	ug/L	0.068	2	3	870	1	KED
⌊	**Se**	**78**	**1.007**	ug/L	0.101	9	20	58	7	KED
	Y	**89**		ug/L			569901	758222	0	Standard
	Kr	**83**		ug/L			285	281	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	22954	1	KED
|	**Mo**	**98**	**1.023**	ug/L	0.016	1	16	1704	1	KED
|	**Cd**	**111**	**0.134**	ug/L	0.030	22	5	54	20	KED
⌊	**Cd**	**114**	**0.127**	ug/L	0.015	11	6	125	9	KED
⌈>	**In**	**115**		ug/L			1030192	1039506	1	Standard
|	**Ag**	**107**	**0.189**	ug/L	0.008	4	52	2836	5	Standard
|	**Ba**	**135**	**69.139**	ug/L	2.881	4	78	477054	2	Standard
⌊	**Ba**	**137**	**69.396**	ug/L	1.156	1	113	851050	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2259407	1	Standard
⌊	**Pb**	**208**	**6.828**	ug/L	0.150	2	946	663123	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-04
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:43:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	61449	1	Standard
	Cl	**37**		ug/L			6079686	6157292	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1285287	1	Standard
|	**Cr**	**52**	**4.479**	ug/L	0.140	3	19938	133397	2	Standard
|	**Cr**	**53**	**4.754**	ug/L	0.043	0	235	15845	2	Standard
⌊	**Mn**	**55**	**96.188**	ug/L	2.019	2	800	3534741	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	77682	0	KED
|	**Ni**	**60**	**3.181**	ug/L	0.032	1	25	4345	1	KED
|	**Ni**	**62**	**3.034**	ug/L	0.111	3	6	676	3	KED
|	**Cu**	**63**	**1.159**	ug/L	0.045	3	88	4562	4	KED
|	**Cu**	**65**	**1.177**	ug/L	0.023	1	42	2306	1	KED
|	**Zn**	**66**	**2.269**	ug/L	0.116	5	248	1568	3	KED
|	**Zn**	**67**	**5.540**	ug/L	0.307	5	33	567	5	KED
|	**As**	**75**	**0.655**	ug/L	0.014	2	3	202	1	KED
⌊	**Se**	**78**	**0.421**	ug/L	0.033	7	20	32	3	KED
	Y	**89**		ug/L			569901	523829	1	Standard
	Kr	**83**		ug/L			285	271	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	22002	1	KED
|	**Mo**	**98**	**0.490**	ug/L	0.040	8	16	789	6	KED
|	**Cd**	**111**	**0.028**	ug/L	0.012	42	5	14	30	KED
⌊	**Cd**	**114**	**0.028**	ug/L	0.013	45	6	31	35	KED
⌈>	**In**	**115**		ug/L			1030192	975514	1	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.001	29	52	107	15	Standard
|	**Ba**	**135**	**73.431**	ug/L	0.880	1	78	475605	0	Standard
⌊	**Ba**	**137**	**73.735**	ug/L	0.958	1	113	848609	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2165684	1	Standard
⌊	**Pb**	**208**	**3.116**	ug/L	0.023	0	946	290614	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-08
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:48:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	59045	1	Standard
	Cl	**37**		ug/L			6079686	6174242	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1311735	2	Standard
|	**Cr**	**52**	**11.876**	ug/L	0.432	3	19938	323648	2	Standard
|	**Cr**	**53**	**11.577**	ug/L	0.253	2	235	38986	0	Standard
⌊	**Mn**	**55**	**33.616**	ug/L	1.054	3	800	1261054	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	81981	0	KED
|	**Ni**	**60**	**6.161**	ug/L	0.117	1	25	8859	1	KED
|	**Ni**	**62**	**6.098**	ug/L	0.093	1	6	1429	1	KED
|	**Cu**	**63**	**1.890**	ug/L	0.044	2	88	7801	2	KED
|	**Cu**	**65**	**1.859**	ug/L	0.011	0	42	3821	0	KED
|	**Zn**	**66**	**2.770**	ug/L	0.043	1	248	1972	1	KED
|	**Zn**	**67**	**5.401**	ug/L	0.312	5	33	584	5	KED
|	**As**	**75**	**1.020**	ug/L	0.037	3	3	331	3	KED
⌊	**Se**	**78**	**1.176**	ug/L	0.147	12	20	63	8	KED
	Y	**89**		ug/L			569901	555095	0	Standard
	Kr	**83**		ug/L			285	299	1	Standard
⌈>	**In-1**	**115**		ug/L			24175	22566	0	KED
|	**Mo**	**98**	**0.570**	ug/L	0.012	2	16	941	2	KED
|	**Cd**	**111**	**0.112**	ug/L	0.016	14	5	45	12	KED
⌊	**Cd**	**114**	**0.111**	ug/L	0.015	13	6	108	12	KED
⌈>	**In**	**115**		ug/L			1030192	1039668	1	Standard
|	**Ag**	**107**	**0.073**	ug/L	0.003	4	52	1128	4	Standard
|	**Ba**	**135**	**66.415**	ug/L	1.011	1	78	458446	1	Standard
⌊	**Ba**	**137**	**66.079**	ug/L	1.538	2	113	810473	1	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2242558	1	Standard
⌊	**Pb**	**208**	**0.946**	ug/L	0.008	0	946	92014	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-11
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:52:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	53723	1	Standard
	Cl	**37**		ug/L			6079686	6404332	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1327006	1	Standard
|	**Cr**	**52**	**0.960**	ug/L	0.049	5	19938	47421	1	Standard
|	**Cr**	**53**	**1.890**	ug/L	0.027	1	235	6664	1	Standard
⌊	**Mn**	**55**	**12.565**	ug/L	0.258	2	800	477500	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	79001	0	KED
|	**Ni**	**60**	**1.237**	ug/L	0.003	0	25	1730	0	KED
|	**Ni**	**62**	**1.228**	ug/L	0.056	4	6	281	4	KED
|	**Cu**	**63**	**0.508**	ug/L	0.019	3	88	2076	3	KED
|	**Cu**	**65**	**0.497**	ug/L	0.014	2	42	1010	2	KED
|	**Zn**	**66**	**0.525**	ug/L	0.105	19	248	530	11	KED
|	**Zn**	**67**	**4.348**	ug/L	0.433	9	33	459	8	KED
|	**As**	**75**	**0.888**	ug/L	0.030	3	3	278	4	KED
⌊	**Se**	**78**	**0.079**	ug/L	0.136	171	20	20	25	KED
	Y	**89**		ug/L			569901	522024	1	Standard
	Kr	**83**		ug/L			285	237	10	Standard
⌈>	**In-1**	**115**		ug/L			24175	22431	0	KED
|	**Mo**	**98**	**0.494**	ug/L	0.028	5	16	813	5	KED
|	**Cd**	**111**	**0.022**	ug/L	0.008	35	5	13	22	KED
⌊	**Cd**	**114**	**0.021**	ug/L	0.004	18	6	25	14	KED
⌈>	**In**	**115**		ug/L			1030192	1023749	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	81	52	75	26	Standard
|	**Ba**	**135**	**96.111**	ug/L	1.555	1	78	653259	0	Standard
⌊	**Ba**	**137**	**95.657**	ug/L	0.978	1	113	1155400	1	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2198475	0	Standard
⌊	**Pb**	**208**	**0.110**	ug/L	0.004	3	946	11342	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-12
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:57:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	57478	1	Standard
	Cl	**37**		ug/L			6079686	6574952	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1355090	0	Standard
|	**Cr**	**52**	**1.184**	ug/L	0.022	1	19938	54324	0	Standard
|	**Cr**	**53**	**2.458**	ug/L	0.053	2	235	8770	1	Standard
⌊	**Mn**	**55**	**1.593**	ug/L	0.030	1	800	62660	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	85210	1	KED
|	**Ni**	**60**	**0.865**	ug/L	0.029	3	25	1312	2	KED
|	**Ni**	**62**	**0.808**	ug/L	0.075	9	6	201	8	KED
|	**Cu**	**63**	**0.745**	ug/L	0.016	2	88	3246	2	KED
|	**Cu**	**65**	**0.746**	ug/L	0.039	5	42	1618	5	KED
|	**Zn**	**66**	**0.901**	ug/L	0.068	7	248	820	5	KED
|	**Zn**	**67**	**2.861**	ug/L	0.223	7	33	336	7	KED
|	**As**	**75**	**0.969**	ug/L	0.035	3	3	326	2	KED
⌊	**Se**	**78**	**1.213**	ug/L	0.341	28	20	66	19	KED
	Y	**89**		ug/L			569901	538710	1	Standard
	Kr	**83**		ug/L			285	302	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	23744	0	KED
|	**Mo**	**98**	**0.246**	ug/L	0.015	6	16	435	6	KED
|	**Cd**	**111**	**0.048**	ug/L	0.019	40	5	23	31	KED
⌊	**Cd**	**114**	**0.040**	ug/L	0.011	26	6	45	22	KED
⌈>	**In**	**115**		ug/L			1030192	1072573	1	Standard
|	**Ag**	**107**	**0.010**	ug/L	0.001	7	52	201	4	Standard
|	**Ba**	**135**	**43.476**	ug/L	0.621	1	78	309632	0	Standard
⌊	**Ba**	**137**	**43.147**	ug/L	0.389	0	113	546041	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2318516	0	Standard
⌊	**Pb**	**208**	**0.202**	ug/L	0.001	0	946	21142	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0171-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:03:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	65872	1	Standard
	Cl	37		ug/L			6079686	17640380	2	Standard
>	Sc	45		ug/L			1159801	1284309	1	Standard
	Cr	52	2.305	ug/L	0.043	1	19938	79313	0	Standard
	Cr	53	25.048	ug/L	0.369	1	235	82301	0	Standard
	Mn	55	0.679	ug/L	0.010	1	800	25823	1	Standard
>	Ge	72		ug/L			93175	83955	0	KED
	Ni	60	0.824	ug/L	0.030	3	25	1233	4	KED
	Ni	62	0.855	ug/L	0.044	5	6	210	4	KED
	Cu	63	1.115	ug/L	0.024	2	88	4746	2	KED
	Cu	65	1.084	ug/L	0.051	4	42	2297	4	KED
	Zn	66	5.801	ug/L	0.224	3	248	3985	3	KED
	Zn	67	6.662	ug/L	0.341	5	33	731	4	KED
	As	75	8.687	ug/L	0.150	1	3	2864	1	KED
	Se	78	0.355	ug/L	0.205	57	20	32	24	KED
	Y	89		ug/L			569901	549244	1	Standard
	Kr	83		ug/L			285	321	7	Standard
>	In-1	115		ug/L			24175	22673	1	KED
	Mo	98	25.687	ug/L	0.401	1	16	41917	1	KED
	Cd	111	0.025	ug/L	0.007	29	5	14	17	KED
	Cd	114	0.028	ug/L	0.009	32	6	32	27	KED
>	In	115		ug/L			1030192	978572	1	Standard
	Ag	107	0.002	ug/L	0.001	30	52	73	10	Standard
	Ba	135	32.453	ug/L	1.024	3	78	210861	1	Standard
	Ba	137	32.522	ug/L	0.243	0	113	375545	0	Standard
>	Tb	159		ug/L			2188799	2229541	1	Standard
	Pb	208	0.047	ug/L	0.001	1	946	5436	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:10:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	33895	0	Standard
	Cl	37		ug/L			6079686	6678813	0	Standard
>	Sc	45		ug/L			1159801	1199938	0	Standard
	Cr	52	0.071	ug/L	0.012	16	19938	22277	1	Standard
	Cr	53	0.506	ug/L	0.035	6	235	1790	5	Standard
	Mn	55	0.005	ug/L	0.000	2	800	996	1	Standard
>	Ge	72		ug/L			93175	92035	3	KED
	Ni	60	0.003	ug/L	0.010	359	25	29	50	KED
	Ni	62	0.003	ug/L	0.012	403	6	6	41	KED
	Cu	63	0.005	ug/L	0.000	10	88	108	3	KED
	Cu	65	-0.003	ug/L	0.001	46	42	36	9	KED
	Zn	66	0.056	ug/L	0.026	45	248	285	6	KED
	Zn	67	0.101	ug/L	0.111	109	33	45	30	KED
	As	75	0.004	ug/L	0.002	54	3	4	11	KED
	Se	78	-0.074	ug/L	0.039	53	20	16	13	KED
	Y	89		ug/L			569901	583792	1	Standard
	Kr	83		ug/L			285	243	4	Standard
>	In-1	115		ug/L			24175	24809	2	KED
	Mo	98	-0.006	ug/L	0.002	34	16	7	46	KED
	Cd	111	-0.003	ug/L	0.005	191	5	4	44	KED
	Cd	114	-0.001	ug/L	0.006	745	6	6	94	KED
>	In	115		ug/L			1030192	1038832	0	Standard
	Ag	107	-0.001	ug/L	0.002	215	52	41	55	Standard
	Ba	135	0.005	ug/L	0.002	44	78	111	12	Standard
	Ba	137	0.005	ug/L	0.001	13	113	180	5	Standard
>	Tb	159		ug/L			2188799	2202808	1	Standard
	Pb	208	-0.002	ug/L	0.000	17	946	794	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:15:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28989	3	Standard
	Cl	**37**		ug/L			6079686	6482202	1	Standard
>	**Sc**	**45**		ug/L			1159801	1230875	1	Standard
	Cr	**52**	**53.627**	ug/L	0.714	1	19938	1297709	2	Standard
	Cr	**53**	**49.487**	ug/L	0.580	1	235	155598	1	Standard
	Mn	**55**	**55.733**	ug/L	1.123	2	800	1961781	0	Standard
>	**Ge**	**72**		ug/L			93175	94177	0	KED
	Ni	**60**	**47.414**	ug/L	0.246	0	25	78152	0	KED
	Ni	**62**	**47.224**	ug/L	0.407	0	6	12678	1	KED
	Cu	**63**	**47.717**	ug/L	0.432	0	88	224142	0	KED
	Cu	**65**	**47.431**	ug/L	0.850	1	42	110946	1	KED
	Zn	**66**	**48.260**	ug/L	0.339	0	248	35356	1	KED
	Zn	**67**	**47.907**	ug/L	0.257	0	33	5690	0	KED
	As	**75**	**48.047**	ug/L	0.354	0	3	17760	0	KED
	Se	**78**	**47.288**	ug/L	1.001	2	20	2106	2	KED
	Y	**89**		ug/L			569901	597997	2	Standard
	Kr	**83**		ug/L			285	302	18	Standard
>	**In-1**	**115**		ug/L			24175	25089	0	KED
	Mo	**98**	**48.184**	ug/L	0.853	1	16	87001	1	KED
	Cd	**111**	**48.976**	ug/L	0.371	0	5	19828	1	KED
	Cd	**114**	**48.959**	ug/L	0.528	1	6	50164	0	KED
>	**In**	**115**		ug/L			1030192	1076570	1	Standard
	Ag	**107**	**47.928**	ug/L	0.966	2	52	731018	1	Standard
	Ba	**135**	**48.651**	ug/L	1.289	2	78	347725	1	Standard
	Ba	**137**	**48.858**	ug/L	1.007	2	113	620537	0	Standard
>	**Tb**	**159**		ug/L			2188799	2309841	1	Standard
	Pb	**208**	**49.663**	ug/L	0.413	0	946	4925171	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:22:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	27453	3	Standard
	Cl	**37**		ug/L			6079686	6270248	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1194272	0	Standard
|	**Cr**	**52**	**-0.019**	ug/L	0.008	44	19938	20090	0	Standard
|	**Cr**	**53**	**0.205**	ug/L	0.021	10	235	866	7	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	22	800	950	2	Standard
⌈>	**Ge**	**72**		ug/L			93175	93756	2	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.005	185	25	21	35	KED
|	**Ni**	**62**	**-0.000**	ug/L	0.005	4987	6	6	17	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.002	155	88	83	9	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.003	146	42	37	23	KED
|	**Zn**	**66**	**0.006**	ug/L	0.011	190	248	253	2	KED
|	**Zn**	**67**	**0.073**	ug/L	0.081	111	33	42	24	KED
|	**As**	**75**	**0.004**	ug/L	0.003	60	3	4	20	KED
⌊	**Se**	**78**	**0.071**	ug/L	0.105	146	20	23	18	KED
	Y	**89**		ug/L			569901	587423	0	Standard
	Kr	**83**		ug/L			285	302	5	Standard
⌈>	**In-1**	**115**		ug/L			24175	24661	1	KED
|	**Mo**	**98**	**0.026**	ug/L	0.006	24	16	62	19	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.006	3177	5	5	44	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.001	54	6	8	12	KED
⌈>	**In**	**115**		ug/L			1030192	1048031	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	20	52	61	1	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.004	816	78	83	35	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.000	12	113	140	2	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2223029	1	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	10	946	1293	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-33
Sample Dil Factor: 2
Comments:
Sample Date/Time: Monday, July 19, 2021 23:27:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	48341	0	Standard
	Cl	**37**		ug/L			6079686	6068522	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1214855	0	Standard
|	**Cr**	**52**	**0.284**	ug/L	0.016	5	19938	27544	1	Standard
|	**Cr**	**53**	**0.480**	ug/L	0.012	2	235	1735	1	Standard
⌊	**Mn**	**55**	**2.315**	ug/L	0.031	1	800	81240	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	93457	0	KED
|	**Ni**	**60**	**1.019**	ug/L	0.026	2	25	1691	1	KED
|	**Ni**	**62**	**0.907**	ug/L	0.160	17	6	247	16	KED
|	**Cu**	**63**	**0.520**	ug/L	0.012	2	88	2513	1	KED
|	**Cu**	**65**	**0.516**	ug/L	0.021	4	42	1240	4	KED
|	**Zn**	**66**	**11.346**	ug/L	0.326	2	248	8438	2	KED
|	**Zn**	**67**	**11.562**	ug/L	0.208	1	33	1388	2	KED
|	**As**	**75**	**0.549**	ug/L	0.048	8	3	204	8	KED
⌊	**Se**	**78**	**0.057**	ug/L	0.137	240	20	22	26	KED
	Y	**89**		ug/L			569901	581131	1	Standard
	Kr	**83**		ug/L			285	293	9	Standard
⌈>	**In-1**	**115**		ug/L			24175	24729	2	KED
|	**Mo**	**98**	**0.340**	ug/L	0.013	3	16	621	1	KED
|	**Cd**	**111**	**0.343**	ug/L	0.027	7	5	142	6	KED
⌊	**Cd**	**114**	**0.301**	ug/L	0.037	12	6	311	14	KED
⌈>	**In**	**115**		ug/L			1030192	1066813	3	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	1313	52	54	17	Standard
|	**Ba**	**135**	**13.634**	ug/L	0.432	3	78	96575	0	Standard
⌊	**Ba**	**137**	**13.624**	ug/L	0.455	3	113	171451	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2299541	0	Standard
⌊	**Pb**	**208**	**0.078**	ug/L	0.002	3	946	8726	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0096-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:31:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27742	60022	1	Standard
Cl	37		ug/L			6079686	6695328	1	Standard
> Sc	45		ug/L			1159801	1509576	1	Standard
Cr	52	**0.920**	ug/L	0.022	2	19938	52789	0	Standard
Cr	53	**2.695**	ug/L	0.047	1	235	10679	0	Standard
Mn	55	**99.868**	ug/L	1.927	1	800	4310515	0	Standard
> Ge	72		ug/L			93175	87496	1	KED
Ni	60	**1.006**	ug/L	0.021	2	25	1563	3	KED
Ni	62	**0.914**	ug/L	0.093	10	6	233	8	KED
Cu	63	**5.976**	ug/L	0.029	0	88	26155	1	KED
Cu	65	**6.031**	ug/L	0.020	0	42	13141	0	KED
Zn	66	**20.952**	ug/L	0.527	2	248	14390	1	KED
Zn	67	**20.721**	ug/L	0.776	3	33	2304	4	KED
As	75	**0.466**	ug/L	0.036	7	3	163	6	KED
Se	78	**0.035**	ug/L	0.044	124	20	20	7	KED
Y	89		ug/L			569901	596867	1	Standard
Kr	83		ug/L			285	262	3	Standard
> In-1	115		ug/L			24175	20873	19	KED
Mo	98	**0.174**	ug/L	0.028	16	16	270	8	KED
Cd	111	**0.213**	ug/L	0.055	25	5	73	3	KED
Cd	114	**0.204**	ug/L	0.026	12	6	177	18	KED
> In	115		ug/L			1030192	995879	0	Standard
Ag	107	**0.004**	ug/L	0.001	23	52	112	13	Standard
Ba	135	**4.969**	ug/L	0.148	2	78	32928	2	Standard
Ba	137	**4.987**	ug/L	0.082	1	113	58697	1	Standard
> Tb	159		ug/L			2188799	2199614	1	Standard
Pb	208	**1.045**	ug/L	0.030	2	946	99566	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0096-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 23:36:07

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	42233	2	Standard
	Cl	**37**		ug/L			6079686	6209434	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1319740	0	Standard
|	**Cr**	**52**	**0.072**	ug/L	0.004	6	19938	24529	0	Standard
|	**Cr**	**53**	**0.519**	ug/L	0.018	3	235	2016	3	Standard
⌊	**Mn**	**55**	**177.597**	ug/L	0.413	0	800	6701866	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	94828	1	KED
|	**Ni**	**60**	**0.132**	ug/L	0.008	6	25	245	6	KED
|	**Ni**	**62**	**0.152**	ug/L	0.027	17	6	47	16	KED
|	**Cu**	**63**	**1.275**	ug/L	0.028	2	88	6118	1	KED
|	**Cu**	**65**	**1.292**	ug/L	0.049	3	42	3086	3	KED
|	**Zn**	**66**	**1.077**	ug/L	0.042	3	248	1041	2	KED
|	**Zn**	**67**	**1.095**	ug/L	0.069	6	33	164	4	KED
|	**As**	**75**	**0.048**	ug/L	0.007	15	3	21	12	KED
⌊	**Se**	**78**	**-0.061**	ug/L	0.079	129	20	18	18	KED
	Y	**89**		ug/L			569901	621672	1	Standard
	Kr	**83**		ug/L			285	325	4	Standard
⌈>	**In-1**	**115**		ug/L			24175	25608	1	KED
|	**Mo**	**98**	**0.013**	ug/L	0.005	42	16	41	25	KED
|	**Cd**	**111**	**-0.007**	ug/L	0.002	33	5	2	33	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	1425	6	7	27	KED
⌈>	**In**	**115**		ug/L			1030192	1074098	1	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.001	237	52	46	38	Standard
|	**Ba**	**135**	**1.009**	ug/L	0.019	1	78	7272	0	Standard
⌊	**Ba**	**137**	**1.016**	ug/L	0.016	1	113	12995	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2320332	0	Standard
⌊	**Pb**	**208**	**0.058**	ug/L	0.002	3	946	6739	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0109-01
Sample Dil Factor: 10
Comments:
Sample Date/Time: Monday, July 19, 2021 23:40:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	157290	2	Standard
	Cl	37		ug/L			6079686	6498005	2	Standard
>	Sc	45		ug/L			1159801	1233435	1	Standard
	Cr	52	12.378	ug/L	0.048	0	19938	316408	1	Standard
	Cr	53	11.251	ug/L	0.028	0	235	35645	1	Standard
	Mn	55	202.874	ug/L	1.085	0	800	7154638	1	Standard
>	Ge	72		ug/L			93175	93784	1	KED
	Ni	60	1.013	ug/L	0.007	0	25	1687	1	KED
	Ni	62	1.043	ug/L	0.017	1	6	285	2	KED
	Cu	63	0.338	ug/L	0.025	7	88	1671	6	KED
	Cu	65	0.363	ug/L	0.046	12	42	888	12	KED
	Zn	66	12.671	ug/L	0.324	2	248	9426	1	KED
	Zn	67	12.202	ug/L	0.130	1	33	1468	1	KED
	As	75	0.071	ug/L	0.009	12	3	29	9	KED
	Se	78	-0.030	ug/L	0.023	77	20	19	4	KED
	Y	89		ug/L			569901	607083	1	Standard
	Kr	83		ug/L			285	314	6	Standard
>	In-1	115		ug/L			24175	25143	1	KED
	Mo	98	0.184	ug/L	0.011	6	16	350	6	KED
	Cd	111	0.048	ug/L	0.011	23	5	25	19	KED
	Cd	114	0.050	ug/L	0.006	11	6	58	11	KED
>	In	115		ug/L			1030192	1083296	1	Standard
	Ag	107	0.003	ug/L	0.002	45	52	107	23	Standard
	Ba	135	10.544	ug/L	0.364	3	78	75911	3	Standard
	Ba	137	10.679	ug/L	0.114	1	113	136606	2	Standard
>	Tb	159		ug/L			2188799	2308794	1	Standard
	Pb	208	0.137	ug/L	0.001	0	946	14527	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0110-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 23:45:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	95069	1	Standard
	Cl	37		ug/L			6079686	6373648	0	Standard
>	Sc	45		ug/L			1159801	1221892	0	Standard
	Cr	52	86.943	ug/L	0.270	0	19938	2075258	0	Standard
	Cr	53	86.506	ug/L	0.770	0	235	269854	1	Standard
	Mn	55	55.405	ug/L	2.776	5	800	1935902	4	Standard
>	Ge	72		ug/L			93175	96720	0	KED
	Ni	60	0.906	ug/L	0.015	1	25	1559	2	KED
	Ni	62	0.911	ug/L	0.133	14	6	257	14	KED
	Cu	63	2.082	ug/L	0.029	1	88	10131	0	KED
	Cu	65	2.127	ug/L	0.029	1	42	5152	1	KED
	Zn	66	76.602	ug/L	1.854	2	248	57479	1	KED
	Zn	67	73.397	ug/L	0.783	1	33	8935	1	KED
	As	75	0.491	ug/L	0.021	4	3	189	3	KED
	Se	78	-0.041	ug/L	0.075	183	20	19	17	KED
	Y	89		ug/L			569901	614058	1	Standard
	Kr	83		ug/L			285	285	6	Standard
>	In-1	115		ug/L			24175	25682	0	KED
	Mo	98	0.338	ug/L	0.015	4	16	642	3	KED
	Cd	111	0.292	ug/L	0.042	14	5	126	14	KED
	Cd	114	0.291	ug/L	0.031	10	6	312	10	KED
>	In	115		ug/L			1030192	1086668	2	Standard
	Ag	107	0.031	ug/L	0.001	3	52	530	5	Standard
	Ba	135	4.410	ug/L	0.142	3	78	31878	1	Standard
	Ba	137	4.415	ug/L	0.143	3	113	56689	0	Standard
>	Tb	159		ug/L			2188799	2310087	0	Standard
	Pb	208	0.409	ug/L	0.008	2	946	41583	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0121-12
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:50:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	68259	1	Standard
	Cl	37		ug/L			6079686	8176658	1	Standard
>	Sc	45		ug/L			1159801	1434120	1	Standard
	Cr	52	1.453	ug/L	0.055	3	19938	64932	1	Standard
	Cr	53	6.067	ug/L	0.087	1	235	22480	1	Standard
	Mn	55	1867.708	ug/L	19.334	1	800	76573084	0	Standard
>	Ge	72		ug/L			93175	89909	1	KED
	Ni	60	0.495	ug/L	0.029	5	25	803	4	KED
	Ni	62	0.529	ug/L	0.021	3	6	141	4	KED
	Cu	63	0.498	ug/L	0.012	2	88	2318	2	KED
	Cu	65	0.489	ug/L	0.006	1	42	1133	2	KED
	Zn	66	4.186	ug/L	0.083	1	248	3147	3	KED
	Zn	67	5.340	ug/L	0.153	2	33	634	2	KED
	As	75	1.620	ug/L	0.081	4	3	574	3	KED
	Se	78	0.133	ug/L	0.156	117	20	25	24	KED
	Y	89		ug/L			569901	623232	1	Standard
	Kr	83		ug/L			285	322	8	Standard
>	In-1	115		ug/L			24175	24014	1	KED
	Mo	98	0.551	ug/L	0.029	5	16	967	3	KED
	Cd	111	0.001	ug/L	0.004	465	5	5	28	KED
	Cd	114	0.003	ug/L	0.004	126	6	9	41	KED
>	In	115		ug/L			1030192	1001842	2	Standard
	Ag	107	0.005	ug/L	0.002	37	52	115	18	Standard
	Ba	135	28.412	ug/L	0.960	3	78	188934	0	Standard
	Ba	137	28.552	ug/L	1.056	3	113	337341	1	Standard
>	Tb	159		ug/L			2188799	2239217	0	Standard
	Pb	208	0.095	ug/L	0.002	1	946	10123	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:54:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	68234	0	Standard
	Cl	37		ug/L			6079686	7991197	1	Standard
>	Sc	45		ug/L			1159801	1372124	11	Standard
	Cr	52	1.599	ug/L	0.284	17	19938	65470	1	Standard
	Cr	53	5.858	ug/L	0.655	11	235	20610	0	Standard
	Mn	55	1982.415	ug/L	205.128	10	800	77174492	1	Standard
>	Ge	72		ug/L			93175	90250	1	KED
	Ni	60	0.496	ug/L	0.014	2	25	807	4	KED
	Ni	62	0.504	ug/L	0.092	18	6	135	18	KED
	Cu	63	0.466	ug/L	0.014	2	88	2181	3	KED
	Cu	65	0.453	ug/L	0.024	5	42	1056	4	KED
	Zn	66	3.618	ug/L	0.139	3	248	2762	2	KED
	Zn	67	4.859	ug/L	0.256	5	33	582	4	KED
	As	75	1.591	ug/L	0.017	1	3	566	2	KED
	Se	78	0.166	ug/L	0.150	90	20	26	25	KED
	Y	89		ug/L			569901	583071	11	Standard
	Kr	83		ug/L			285	317	7	Standard
>	In-1	115		ug/L			24175	23788	1	KED
	Mo	98	0.565	ug/L	0.034	5	16	982	4	KED
	Cd	111	0.001	ug/L	0.010	975	5	5	66	KED
	Cd	114	-0.001	ug/L	0.006	591	6	5	94	KED
>	In	115		ug/L			1030192	936719	14	Standard
	Ag	107	0.005	ug/L	0.002	33	52	113	10	Standard
	Ba	135	31.115	ug/L	4.427	14	78	190900	2	Standard
	Ba	137	31.114	ug/L	5.065	16	113	338471	0	Standard
>	Tb	159		ug/L			2188799	2115027	9	Standard
	Pb	208	0.106	ug/L	0.013	12	946	10440	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:59:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27742	67894	2	Standard
Cl	37		ug/L			6079686	7969357	0	Standard
> Sc	45		ug/L			1159801	1451222	0	Standard
Cr	52	22.782	ug/L	0.208	0	19938	664248	0	Standard
Cr	53	23.893	ug/L	0.244	1	235	88732	0	Standard
Mn	55	1860.281	ug/L	23.467	1	800	77183446	1	Standard
> Ge	72		ug/L			93175	83005	1	KED
Ni	60	23.434	ug/L	0.438	1	25	34048	0	KED
Ni	62	23.621	ug/L	0.799	3	6	5589	1	KED
Cu	63	22.871	ug/L	0.399	1	88	94711	0	KED
Cu	65	23.102	ug/L	0.321	1	42	47640	0	KED
Zn	66	69.398	ug/L	2.090	3	248	44699	1	KED
Zn	67	66.299	ug/L	1.590	2	33	6929	2	KED
As	75	24.286	ug/L	0.225	0	3	7913	2	KED
Se	78	62.814	ug/L	0.329	0	20	2460	1	KED
Y	89		ug/L			569901	625351	1	Standard
Kr	83		ug/L			285	342	2	Standard
> In-1	115		ug/L			24175	23784	1	KED
Mo	98	0.563	ug/L	0.016	2	16	979	1	KED
Cd	111	21.932	ug/L	0.626	2	5	8417	1	KED
Cd	114	22.120	ug/L	0.661	2	6	21483	1	KED
> In	115		ug/L			1030192	1002116	1	Standard
Ag	107	21.830	ug/L	0.445	2	52	309936	1	Standard
Ba	135	51.180	ug/L	1.827	3	78	340425	1	Standard
Ba	137	51.768	ug/L	1.796	3	113	611870	1	Standard
> Tb	159		ug/L			2188799	2250394	0	Standard
Pb	208	23.395	ug/L	0.283	1	946	2261088	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:04:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	69988	2	Standard
	Cl	37		ug/L			6079686	7982432	2	Standard
>	Sc	45		ug/L			1159801	1485592	0	Standard
	Cr	52	22.626	ug/L	0.521	2	19938	675498	2	Standard
	Cr	53	23.874	ug/L	0.263	1	235	90761	0	Standard
	Mn	55	1827.670	ug/L	34.705	1	800	77624544	1	Standard
>	Ge	72		ug/L			93175	83967	1	KED
	Ni	60	23.494	ug/L	0.173	0	25	34537	1	KED
	Ni	62	23.349	ug/L	0.163	0	6	5591	0	KED
	Cu	63	23.359	ug/L	0.432	1	88	97866	2	KED
	Cu	65	23.372	ug/L	0.202	0	42	48761	0	KED
	Zn	66	69.292	ug/L	1.288	1	248	45157	1	KED
	Zn	67	68.068	ug/L	0.479	0	33	7196	1	KED
	As	75	24.589	ug/L	0.207	0	3	8104	1	KED
	Se	78	63.427	ug/L	1.207	1	20	2513	2	KED
	Y	89		ug/L			569901	626502	1	Standard
	Kr	83		ug/L			285	365	6	Standard
>	In-1	115		ug/L			24175	23774	2	KED
	Mo	98	0.562	ug/L	0.019	3	16	978	2	KED
	Cd	111	22.521	ug/L	0.718	3	5	8637	0	KED
	Cd	114	22.416	ug/L	0.389	1	6	21764	2	KED
>	In	115		ug/L			1030192	1018392	0	Standard
	Ag	107	22.192	ug/L	0.280	1	52	320235	0	Standard
	Ba	135	51.962	ug/L	0.718	1	78	351381	1	Standard
	Ba	137	51.350	ug/L	0.437	0	113	617035	0	Standard
>	Tb	159		ug/L			2188799	2273447	1	Standard
	Pb	208	23.761	ug/L	0.087	0	946	2319947	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:11:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	32365	0	Standard
	Cl	**37**		ug/L			6079686	5685000	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1247365	1	Standard
|	**Cr**	**52**	**0.080**	ug/L	0.006	7	19938	23367	1	Standard
|	**Cr**	**53**	**0.295**	ug/L	0.019	6	235	1190	5	Standard
⌊	**Mn**	**55**	**0.063**	ug/L	0.004	5	800	3113	2	Standard
⌈>	**Ge**	**72**		ug/L			93175	87162	1	KED
|	**Ni**	**60**	**0.002**	ug/L	0.003	133	25	27	17	KED
|	**Ni**	**62**	**0.007**	ug/L	0.020	304	6	7	66	KED
|	**Cu**	**63**	**0.000**	ug/L	0.002	1063	88	83	8	KED
|	**Cu**	**65**	**0.002**	ug/L	0.004	204	42	43	17	KED
|	**Zn**	**66**	**0.006**	ug/L	0.047	815	248	236	13	KED
|	**Zn**	**67**	**0.101**	ug/L	0.022	21	33	42	6	KED
|	**As**	**75**	**0.005**	ug/L	0.007	138	3	4	49	KED
⌊	**Se**	**78**	**0.010**	ug/L	0.078	779	20	19	16	KED
	Y	**89**		ug/L			569901	618095	1	Standard
	Kr	**83**		ug/L			285	281	11	Standard
⌈>	**In-1**	**115**		ug/L			24175	24529	1	KED
|	**Mo**	**98**	**-0.003**	ug/L	0.001	42	16	11	18	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.004	115	5	4	35	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.003	116	6	4	71	KED
⌈>	**In**	**115**		ug/L			1030192	1060884	0	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.001	81	52	41	23	Standard
|	**Ba**	**135**	**0.005**	ug/L	0.005	104	78	113	30	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.002	27	113	186	10	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2296840	0	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.001	23	946	751	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:15:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	29568	2	Standard
	Cl	**37**		ug/L			6079686	6208590	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1253725	1	Standard
|	**Cr**	**52**	**54.587**	ug/L	0.862	1	19938	1344755	0	Standard
|	**Cr**	**53**	**49.295**	ug/L	0.628	1	235	157870	0	Standard
⌊	**Mn**	**55**	**50.952**	ug/L	0.987	1	800	1826916	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	90837	0	KED
|	**Ni**	**60**	**49.037**	ug/L	0.592	1	25	77964	2	KED
|	**Ni**	**62**	**48.779**	ug/L	0.451	0	6	12631	1	KED
|	**Cu**	**63**	**49.726**	ug/L	0.517	1	88	225298	1	KED
|	**Cu**	**65**	**50.004**	ug/L	0.462	0	42	112815	0	KED
|	**Zn**	**66**	**48.543**	ug/L	0.290	0	248	34299	0	KED
|	**Zn**	**67**	**49.212**	ug/L	0.642	1	33	5637	1	KED
|	**As**	**75**	**48.846**	ug/L	0.182	0	3	17414	0	KED
⌊	**Se**	**78**	**46.622**	ug/L	0.623	1	20	2003	2	KED
	Y	**89**		ug/L			569901	633182	1	Standard
	Kr	**83**		ug/L			285	292	5	Standard
⌈>	**In-1**	**115**		ug/L			24175	25276	1	KED
|	**Mo**	**98**	**48.511**	ug/L	0.607	1	16	88237	0	KED
|	**Cd**	**111**	**49.798**	ug/L	0.560	1	5	20309	1	KED
⌊	**Cd**	**114**	**49.085**	ug/L	0.395	0	6	50665	0	KED
⌈>	**In**	**115**		ug/L			1030192	1088858	1	Standard
|	**Ag**	**107**	**48.027**	ug/L	0.285	0	52	740974	1	Standard
|	**Ba**	**135**	**48.818**	ug/L	0.556	1	78	352969	1	Standard
⌊	**Ba**	**137**	**48.835**	ug/L	0.709	1	113	627355	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2324442	1	Standard
⌊	**Pb**	**208**	**48.312**	ug/L	0.545	1	946	4821527	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:21:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28439	2	Standard
	Cl	**37**		ug/L			6079686	5956898	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1251140	0	Standard
|	**Cr**	**52**	**-0.021**	ug/L	0.012	56	19938	20992	0	Standard
|	**Cr**	**53**	**0.123**	ug/L	0.007	5	235	646	4	Standard
⌊	**Mn**	**55**	**0.038**	ug/L	0.005	13	800	2216	7	Standard
⌈>	**Ge**	**72**		ug/L			93175	89448	0	KED
|	**Ni**	**60**	**0.001**	ug/L	0.007	497	25	26	42	KED
|	**Ni**	**62**	**-0.006**	ug/L	0.004	65	6	4	24	KED
|	**Cu**	**63**	**0.003**	ug/L	0.006	181	88	99	25	KED
|	**Cu**	**65**	**0.002**	ug/L	0.006	294	42	45	27	KED
|	**Zn**	**66**	**-0.007**	ug/L	0.044	659	248	233	12	KED
|	**Zn**	**67**	**0.040**	ug/L	0.067	166	33	36	20	KED
|	**As**	**75**	**0.006**	ug/L	0.001	23	3	5	9	KED
⌊	**Se**	**78**	**-0.031**	ug/L	0.168	538	20	18	37	KED
	Y	**89**		ug/L			569901	612926	0	Standard
	Kr	**83**		ug/L			285	295	4	Standard
⌈>	**In-1**	**115**		ug/L			24175	25341	2	KED
|	**Mo**	**98**	**0.008**	ug/L	0.005	58	16	31	27	KED
|	**Cd**	**111**	**0.003**	ug/L	0.007	258	5	6	37	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	267	6	6	46	KED
⌈>	**In**	**115**		ug/L			1030192	1038506	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	47	52	67	11	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.001	141	78	82	6	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.003	346	113	126	33	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2230773	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.001	33	946	1178	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-24
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:25:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	51105	0	Standard
	Cl	**37**		ug/L			6079686	5945774	1	Standard
>	**Sc**	**45**		ug/L			1159801	1251474	1	Standard
	Cr	**52**	**0.327**	ug/L	0.013	3	19938	29431	1	Standard
	Cr	**53**	**0.356**	ug/L	0.010	2	235	1391	1	Standard
	Mn	**55**	**0.091**	ug/L	0.002	1	800	4125	2	Standard
>	**Ge**	**72**		ug/L			93175	90764	3	KED
	Ni	**60**	**0.069**	ug/L	0.011	16	25	135	15	KED
	Ni	**62**	**0.040**	ug/L	0.017	42	6	16	24	KED
	Cu	**63**	**0.036**	ug/L	0.002	4	88	250	1	KED
	Cu	**65**	**0.045**	ug/L	0.006	13	42	142	6	KED
	Zn	**66**	**0.612**	ug/L	0.026	4	248	671	4	KED
	Zn	**67**	**0.637**	ug/L	0.198	31	33	104	17	KED
	As	**75**	**0.009**	ug/L	0.003	37	3	6	15	KED
	Se	**78**	**-0.069**	ug/L	0.044	64	20	16	7	KED
	Y	**89**		ug/L			569901	623267	0	Standard
	Kr	**83**		ug/L			285	281	7	Standard
>	**In-1**	**115**		ug/L			24175	23019	10	KED
	Mo	**98**	**0.015**	ug/L	0.013	90	16	39	49	KED
	Cd	**111**	**-0.001**	ug/L	0.008	1341	5	4	60	KED
	Cd	**114**	**-0.003**	ug/L	0.002	67	6	3	65	KED
>	**In**	**115**		ug/L			1030192	1064788	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	151	52	43	33	Standard
	Ba	**135**	**0.031**	ug/L	0.001	4	78	297	4	Standard
	Ba	**137**	**0.032**	ug/L	0.001	2	113	515	3	Standard
>	**Tb**	**159**		ug/L			2188799	2279105	1	Standard
	Pb	**208**	**0.001**	ug/L	0.000	32	946	1074	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-30
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:28:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	45835	1	Standard
	Cl	37		ug/L			6079686	5880715	0	Standard
>	Sc	45		ug/L			1159801	1241954	2	Standard
	Cr	52	0.427	ug/L	0.021	4	19938	31597	1	Standard
	Cr	53	0.446	ug/L	0.019	4	235	1664	1	Standard
	Mn	55	0.076	ug/L	0.004	4	800	3551	1	Standard
>	Ge	72		ug/L			93175	90480	2	KED
	Ni	60	0.015	ug/L	0.004	25	25	47	10	KED
	Ni	62	0.001	ug/L	0.009	1127	6	6	34	KED
	Cu	63	0.030	ug/L	0.003	10	88	221	4	KED
	Cu	65	0.043	ug/L	0.007	16	42	138	10	KED
	Zn	66	0.107	ug/L	0.042	39	248	315	7	KED
	Zn	67	0.159	ug/L	0.071	44	33	50	17	KED
	As	75	0.001	ug/L	0.001	122	3	3	15	KED
	Se	78	-0.120	ug/L	0.021	17	20	14	3	KED
	Y	89		ug/L			569901	621966	1	Standard
	Kr	83		ug/L			285	273	15	Standard
>	In-1	115		ug/L			24175	25175	0	KED
	Mo	98	0.013	ug/L	0.008	62	16	40	35	KED
	Cd	111	-0.003	ug/L	0.004	120	5	4	32	KED
	Cd	114	-0.002	ug/L	0.007	405	6	5	134	KED
>	In	115		ug/L			1030192	1059375	0	Standard
	Ag	107	-0.001	ug/L	0.001	51	52	36	23	Standard
	Ba	135	0.006	ug/L	0.000	8	78	121	3	Standard
	Ba	137	0.008	ug/L	0.001	12	113	215	5	Standard
>	Tb	159		ug/L			2188799	2279043	1	Standard
	Pb	208	-0.003	ug/L	0.000	15	946	704	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-43
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:32:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	38017	2	Standard
	Cl	**37**		ug/L			6079686	5758059	1	Standard
>	**Sc**	**45**		ug/L			1159801	1241272	1	Standard
	Cr	**52**	**-0.077**	ug/L	0.028	36	19938	19479	2	Standard
	Cr	**53**	**0.106**	ug/L	0.005	4	235	586	2	Standard
	Mn	**55**	**69.338**	ug/L	1.527	2	800	2461110	1	Standard
>	**Ge**	**72**		ug/L			93175	91281	2	KED
	Ni	**60**	**0.735**	ug/L	0.058	7	25	1199	7	KED
	Ni	**62**	**0.800**	ug/L	0.091	11	6	214	13	KED
	Cu	**63**	**1.779**	ug/L	0.065	3	88	8180	1	KED
	Cu	**65**	**1.786**	ug/L	0.015	0	42	4088	1	KED
	Zn	**66**	**21.565**	ug/L	0.605	2	248	15443	2	KED
	Zn	**67**	**19.750**	ug/L	1.028	5	33	2291	3	KED
	As	**75**	**0.009**	ug/L	0.004	50	3	6	24	KED
	Se	**78**	**-0.062**	ug/L	0.029	46	20	17	5	KED
	Y	**89**		ug/L			569901	622470	1	Standard
	Kr	**83**		ug/L			285	276	5	Standard
>	**In-1**	**115**		ug/L			24175	25655	1	KED
	Mo	**98**	**0.001**	ug/L	0.002	198	16	19	22	KED
	Cd	**111**	**0.136**	ug/L	0.002	1	5	61		KED
	Cd	**114**	**0.114**	ug/L	0.019	16	6	125	14	KED
>	**In**	**115**		ug/L			1030192	1082692	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	14	52	43	2	Standard
	Ba	**135**	**0.537**	ug/L	0.008	1	78	3942	0	Standard
	Ba	**137**	**0.554**	ug/L	0.010	1	113	7190	1	Standard
>	**Tb**	**159**		ug/L			2188799	2310064	1	Standard
	Pb	**208**	**0.005**	ug/L	0.001	9	946	1523	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:35:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	51847	1	Standard
	Cl	37		ug/L			6079686	5758467	1	Standard
>	Sc	45		ug/L			1159801	1297478	1	Standard
	Cr	52	0.248	ug/L	0.009	3	19938	28518	0	Standard
	Cr	53	0.324	ug/L	0.011	3	235	1335	3	Standard
	Mn	55	0.081	ug/L	0.002	2	800	3902	2	Standard
>	Ge	72		ug/L			93175	92030	0	KED
	Ni	60	0.047	ug/L	0.007	15	25	100	10	KED
	Ni	62	0.051	ug/L	0.031	60	6	19	40	KED
	Cu	63	0.319	ug/L	0.014	4	88	1549	4	KED
	Cu	65	0.334	ug/L	0.018	5	42	805	5	KED
	Zn	66	1.365	ug/L	0.060	4	248	1215	2	KED
	Zn	67	1.572	ug/L	0.077	4	33	214	4	KED
	As	75	0.030	ug/L	0.005	14	3	14	12	KED
	Se	78	-0.042	ug/L	0.089	211	20	18	21	KED
	Y	89		ug/L			569901	630521	1	Standard
	Kr	83		ug/L			285	275	3	Standard
>	In-1	115		ug/L			24175	25672	1	KED
	Mo	98	0.791	ug/L	0.053	6	16	1479	7	KED
	Cd	111	0.014	ug/L	0.003	18	5	11	8	KED
	Cd	114	0.006	ug/L	0.007	110	6	13	52	KED
>	In	115		ug/L			1030192	1116347	1	Standard
	Ag	107	-0.002	ug/L	0.000	19	52	31	14	Standard
	Ba	135	4.447	ug/L	0.066	1	78	33044	2	Standard
	Ba	137	4.514	ug/L	0.070	1	113	59559	0	Standard
>	Tb	159		ug/L			2188799	2319562	1	Standard
	Pb	208	-0.002	ug/L	0.000	8	946	792	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-02
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:39:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	54487	0	Standard
	Cl	37		ug/L			6079686	5724409	1	Standard
>	Sc	45		ug/L			1159801	1245391	2	Standard
	Cr	52	0.254	ug/L	0.042	16	19938	27503	1	Standard
	Cr	53	0.339	ug/L	0.001	0	235	1331	2	Standard
	Mn	55	0.420	ug/L	0.013	3	800	15816	0	Standard
>	Ge	72		ug/L			93175	91056	1	KED
	Ni	60	0.297	ug/L	0.007	2	25	498	1	KED
	Ni	62	0.326	ug/L	0.017	5	6	90	5	KED
	Cu	63	1.469	ug/L	0.032	2	88	6757	2	KED
	Cu	65	1.516	ug/L	0.012	0	42	3468	0	KED
	Zn	66	3.345	ug/L	0.165	4	248	2594	3	KED
	Zn	67	3.535	ug/L	0.380	10	33	436	9	KED
	As	75	0.171	ug/L	0.021	12	3	64	12	KED
	Se	78	0.042	ug/L	0.100	236	20	21	19	KED
	Y	89		ug/L			569901	604675	1	Standard
	Kr	83		ug/L			285	290	7	Standard
>	In-1	115		ug/L			24175	25401	1	KED
	Mo	98	0.444	ug/L	0.004	0	16	828	0	KED
	Cd	111	0.032	ug/L	0.008	26	5	18	19	KED
	Cd	114	0.028	ug/L	0.002	8	6	36	8	KED
>	In	115		ug/L			1030192	1075562	1	Standard
	Ag	107	-0.001	ug/L	0.001	63	52	33	37	Standard
	Ba	135	3.565	ug/L	0.044	1	78	25536	1	Standard
	Ba	137	3.577	ug/L	0.092	2	113	45498	2	Standard
>	Tb	159		ug/L			2188799	2264580	1	Standard
	Pb	208	0.018	ug/L	0.001	3	946	2760	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-03
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:43:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27742	53883	1	Standard
Cl	37		ug/L			6079686	5803702	1	Standard
Sc	45		ug/L			1159801	1255653	1	Standard
Cr	52	0.197	ug/L	0.012	6	19938	26373	0	Standard
Cr	53	0.296	ug/L	0.004	1	235	1201	0	Standard
Mn	55	0.289	ug/L	0.004	1	800	11259	2	Standard
Ge	72		ug/L			93175	89352	1	KED
Ni	60	0.125	ug/L	0.012	9	25	220	6	KED
Ni	62	0.133	ug/L	0.015	11	6	40	9	KED
Cu	63	1.337	ug/L	0.021	1	88	6041	0	KED
Cu	65	1.339	ug/L	0.059	4	42	3009	2	KED
Zn	66	2.687	ug/L	0.099	3	248	2092	2	KED
Zn	67	2.630	ug/L	0.089	3	33	326	4	KED
As	75	0.141	ug/L	0.014	9	3	52	10	KED
Se	78	0.003	ug/L	0.097	3810	20	19	19	KED
Y	89		ug/L			569901	591573	1	Standard
Kr	83		ug/L			285	289	15	Standard
In-1	115		ug/L			24175	24773	1	KED
Mo	98	0.431	ug/L	0.024	5	16	786	6	KED
Cd	111	0.022	ug/L	0.014	63	5	14	40	KED
Cd	114	0.022	ug/L	0.006	26	6	29	19	KED
In	115		ug/L			1030192	1085068	1	Standard
Ag	107	-0.001	ug/L	0.000	56	52	44	13	Standard
Ba	135	3.487	ug/L	0.059	1	78	25198	0	Standard
Ba	137	3.547	ug/L	0.066	1	113	45514	0	Standard
Tb	159		ug/L			2188799	2246768	0	Standard
Pb	208	0.007	ug/L	0.001	10	946	1634	3	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0181-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:48:19
Number of Replicates: 3

MB 7/19/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	79895	2	Standard
	Cl	37		ug/L			6079686	5877842	1	Standard
>	Sc	45		ug/L			1159801	1193648	1	Standard
	Cr	52	15.876	ug/L	0.087	0	19938	386954	1	Standard
	Cr	53	14.658	ug/L	0.212	1	235	44860	0	Standard
	Mn	55	11.855	ug/L	0.173	1	800	405331	1	Standard
>	Ge	72		ug/L			93175	75318	0	KED
	Ni	60	4.046	ug/L	0.070	1	25	5352	2	KED
	Ni	62	4.216	ug/L	0.035	0	6	909	1	KED
	Cu	63	19.846	ug/L	0.289	1	88	74595	1	KED
	Cu	65	20.049	ug/L	0.086	0	42	37526	0	KED
	Zn	66	9.168	ug/L	0.248	2	248	5533	1	KED
	Zn	67	8.481	ug/L	0.408	4	33	827	4	KED
	As	75	0.093	ug/L	0.028	30	3	30	27	KED
	Se	78	0.178	ug/L	0.091	50	20	22	14	KED
	Y	89		ug/L			569901	540026	1	Standard
	Kr	83		ug/L			285	281	11	Standard
>	In-1	115		ug/L			24175	22736	2	KED
	Mo	98	8.158	ug/L	0.154	1	16	13359	1	KED
	Cd	111	0.015	ug/L	0.005	34	5	10	15	KED
	Cd	114	0.003	ug/L	0.004	137	6	9	42	KED
>	In	115		ug/L			1030192	1054456	0	Standard
	Ag	107	-0.001	ug/L	0.000	25	52	36	10	Standard
	Ba	135	0.709	ug/L	0.005	0	78	5040	1	Standard
	Ba	137	0.736	ug/L	0.017	2	113	9274	1	Standard
>	Tb	159		ug/L			2188799	2246953	1	Standard
	Pb	208	0.004	ug/L	0.001	16	946	1357	5	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0181-02
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:52:17
Number of Replicates: 3

MB 7/19/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	71180	1	Standard
	Cl	37		ug/L			6079686	5926122	2	Standard
>	Sc	45		ug/L			1159801	1196721	1	Standard
	Cr	52	27.409	ug/L	0.183	0	19938	654809	0	Standard
	Cr	53	25.095	ug/L	0.180	0	235	76836	0	Standard
	Mn	55	8.195	ug/L	0.044	0	800	281194	1	Standard
>	Ge	72		ug/L			93175	78105	1	KED
	Ni	60	3.152	ug/L	0.034	1	25	4327	0	KED
	Ni	62	3.216	ug/L	0.224	6	6	721	7	KED
	Cu	63	15.176	ug/L	0.206	1	88	59163	0	KED
	Cu	65	15.237	ug/L	0.223	1	42	29579	0	KED
	Zn	66	9.269	ug/L	0.034	0	248	5799	1	KED
	Zn	67	8.650	ug/L	0.320	3	33	875	5	KED
	As	75	0.067	ug/L	0.009	13	3	23	12	KED
	Se	78	0.007	ug/L	0.086	1278	20	17	16	KED
	Y	89		ug/L			569901	540486	0	Standard
	Kr	83		ug/L			285	283	5	Standard
>	In-1	115		ug/L			24175	22604	2	KED
	Mo	98	7.674	ug/L	0.103	1	16	12496	1	KED
	Cd	111	0.009	ug/L	0.012	134	5	8	52	KED
	Cd	114	0.013	ug/L	0.006	44	6	17	26	KED
>	In	115		ug/L			1030192	1057916	0	Standard
	Ag	107	-0.001	ug/L	0.000	39	52	36	18	Standard
	Ba	135	0.691	ug/L	0.007	0	78	4933	0	Standard
	Ba	137	0.697	ug/L	0.015	2	113	8818	2	Standard
>	Tb	159		ug/L			2188799	2269953	0	Standard
	Pb	208	0.006	ug/L	0.000	4	946	1531	1	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0181-03
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:57:15

MB 7/19/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	64904	3	Standard
	Cl	37		ug/L			6079686	5864477	2	Standard
>	Sc	45		ug/L			1159801	1198838	1	Standard
	Cr	52	20.511	ug/L	0.212	1	19938	496030	1	Standard
	Cr	53	18.691	ug/L	0.346	1	235	57384	1	Standard
	Mn	55	5.567	ug/L	0.153	2	800	191558	0	Standard
>	Ge	72		ug/L			93175	75104	0	KED
	Ni	60	1.738	ug/L	0.061	3	25	2303	3	KED
	Ni	62	1.777	ug/L	0.060	3	6	385	3	KED
	Cu	63	8.248	ug/L	0.102	1	88	30956	1	KED
	Cu	65	8.243	ug/L	0.084	1	42	15404	1	KED
	Zn	66	6.575	ug/L	0.156	2	248	4013	1	KED
	Zn	67	6.224	ug/L	0.481	7	33	613	7	KED
	As	75	0.068	ug/L	0.016	23	3	22	21	KED
	Se	78	0.098	ug/L	0.011	11	20	19	2	KED
	Y	89		ug/L			569901	541508	0	Standard
	Kr	83		ug/L			285	273	3	Standard
>	In-1	115		ug/L			24175	22392	0	KED
	Mo	98	7.415	ug/L	0.040	0	16	11961	0	KED
	Cd	111	0.012	ug/L	0.013	111	5	9	51	KED
	Cd	114	0.010	ug/L	0.009	84	6	15	49	KED
>	In	115		ug/L			1030192	1055036	0	Standard
	Ag	107	-0.002	ug/L	0.001	43	52	23	53	Standard
	Ba	135	0.639	ug/L	0.010	1	78	4558	1	Standard
	Ba	137	0.649	ug/L	0.012	1	113	8199	2	Standard
>	Tb	159		ug/L			2188799	2293899	0	Standard
	Pb	208	0.199	ug/L	0.002	0	946	20547	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:04:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	34726	1	Standard
	Cl	**37**		ug/L			6079686	6472923	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1246405	0	Standard
|	**Cr**	**52**	**0.100**	ug/L	0.013	13	19938	23838	0	Standard
|	**Cr**	**53**	**0.040**	ug/L	0.004	10	235	379	3	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.001	9	800	1173	2	Standard
⌈>	**Ge**	**72**		ug/L			93175	86130	1	KED
|	**Ni**	**60**	**-0.001**	ug/L	0.004	288	25	21	28	KED
|	**Ni**	**62**	**0.007**	ug/L	0.020	286	6	7	66	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.003	996	88	80	16	KED
|	**Cu**	**65**	**0.005**	ug/L	0.001	24	42	50	4	KED
|	**Zn**	**66**	**0.057**	ug/L	0.035	60	248	267	10	KED
|	**Zn**	**67**	**0.081**	ug/L	0.139	171	33	40	38	KED
|	**As**	**75**	**0.002**	ug/L	0.006	379	3	3	58	KED
⌊	**Se**	**78**	**-0.092**	ug/L	0.066	71	20	15	16	KED
	Y	**89**		ug/L			569901	589854	0	Standard
	Kr	**83**		ug/L			285	273	5	Standard
⌈>	**In-1**	**115**		ug/L			24175	24438	1	KED
|	**Mo**	**98**	**-0.006**	ug/L	0.002	24	16	5	45	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.010	287	5	4	93	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	141	6	5	38	KED
⌈>	**In**	**115**		ug/L			1030192	1109546	1	Standard
|	**Ag**	**107**	**-0.002**	ug/L	0.000	25	52	29	22	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.000	39	78	90	1	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	31	113	168	8	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2287464	1	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	2	946	673	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:08:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	30160	1	Standard
	Cl	**37**		ug/L			6079686	6232882	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1227771	1	Standard
|	**Cr**	**52**	**54.764**	ug/L	0.764	1	19938	1321167	0	Standard
|	**Cr**	**53**	**49.242**	ug/L	1.020	2	235	154430	1	Standard
⌊	**Mn**	**55**	**54.755**	ug/L	2.528	4	800	1922930	4	Standard
⌈>	**Ge**	**72**		ug/L			93175	85378	1	KED
|	**Ni**	**60**	**48.475**	ug/L	1.043	2	25	72435	2	KED
|	**Ni**	**62**	**48.223**	ug/L	1.217	2	6	11736	2	KED
|	**Cu**	**63**	**49.778**	ug/L	0.347	0	88	211968	0	KED
|	**Cu**	**65**	**49.400**	ug/L	0.700	1	42	104765	2	KED
|	**Zn**	**66**	**48.271**	ug/L	0.423	0	248	32058	0	KED
|	**Zn**	**67**	**48.346**	ug/L	1.331	2	33	5205	2	KED
|	**As**	**75**	**48.469**	ug/L	0.246	0	3	16241	0	KED
⌊	**Se**	**78**	**45.456**	ug/L	1.477	3	20	1836	3	KED
	Y	**89**		ug/L			569901	588881	2	Standard
	Kr	**83**		ug/L			285	309	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	25442	0	KED
|	**Mo**	**98**	**47.066**	ug/L	0.616	1	16	86173	0	KED
|	**Cd**	**111**	**48.466**	ug/L	0.263	0	5	19896	0	KED
⌊	**Cd**	**114**	**48.404**	ug/L	0.705	1	6	50290	0	KED
⌈>	**In**	**115**		ug/L			1030192	1138438	0	Standard
|	**Ag**	**107**	**47.186**	ug/L	0.861	1	52	761134	1	Standard
|	**Ba**	**135**	**46.404**	ug/L	1.099	2	78	350781	1	Standard
⌊	**Ba**	**137**	**46.740**	ug/L	0.792	1	113	627854	1	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2338560	0	Standard
⌊	**Pb**	**208**	**50.027**	ug/L	0.472	0	946	5023474	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:14:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28965	1	Standard
	Cl	**37**		ug/L			6079686	6239432	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1231269	0	Standard
|	**Cr**	**52**	**-0.052**	ug/L	0.019	35	19938	19930	2	Standard
|	**Cr**	**53**	**0.024**	ug/L	0.004	15	235	324	3	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.000	3	800	1047	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	86786	0	KED
|	**Ni**	**60**	**0.006**	ug/L	0.006	100	25	33	28	KED
|	**Ni**	**62**	**0.020**	ug/L	0.016	79	6	10	36	KED
|	**Cu**	**63**	**0.003**	ug/L	0.004	148	88	93	17	KED
|	**Cu**	**65**	**0.008**	ug/L	0.002	22	42	57	6	KED
|	**Zn**	**66**	**-0.005**	ug/L	0.061	1280	248	227	17	KED
|	**Zn**	**67**	**0.039**	ug/L	0.017	44	33	35	6	KED
|	**As**	**75**	**0.009**	ug/L	0.006	67	3	6	32	KED
⌊	**Se**	**78**	**-0.063**	ug/L	0.069	108	20	16	16	KED
	Y	**89**		ug/L			569901	583686	1	Standard
	Kr	**83**		ug/L			285	270	15	Standard
⌈>	**In-1**	**115**		ug/L			24175	25280	1	KED
|	**Mo**	**98**	**0.010**	ug/L	0.003	27	16	34	15	KED
|	**Cd**	**111**	**-0.005**	ug/L	0.001	28	5	3	15	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.000	2	6	3	4	KED
⌈>	**In**	**115**		ug/L			1030192	1122245	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	23	52	76	5	Standard
|	**Ba**	**135**	**-0.001**	ug/L	0.001	239	78	81	12	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	72	113	133	7	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2310641	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	44	946	1120	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-04
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:18:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	52741	1	Standard
	Cl	37		ug/L			6079686	6053009	1	Standard
>	Sc	45		ug/L			1159801	1264951	1	Standard
	Cr	52	0.176	ug/L	0.017	9	19938	26049	2	Standard
	Cr	53	0.268	ug/L	0.017	6	235	1121	5	Standard
	Mn	55	17.843	ug/L	0.192	1	800	646193	2	Standard
>	Ge	72		ug/L			93175	87630	1	KED
	Ni	60	0.842	ug/L	0.056	6	25	1315	6	KED
	Ni	62	0.795	ug/L	0.104	13	6	204	12	KED
	Cu	63	1.732	ug/L	0.096	5	88	7648	4	KED
	Cu	65	1.763	ug/L	0.032	1	42	3875	2	KED
	Zn	66	20.914	ug/L	0.284	1	248	14388	0	KED
	Zn	67	20.111	ug/L	0.475	2	33	2241	3	KED
	As	75	0.059	ug/L	0.006	9	3	23	7	KED
	Se	78	-0.055	ug/L	0.077	139	20	16	19	KED
	Y	89		ug/L			569901	599680	2	Standard
	Kr	83		ug/L			285	293	6	Standard
>	In-1	115		ug/L			24175	25280	0	KED
	Mo	98	0.251	ug/L	0.024	9	16	474	9	KED
	Cd	111	0.194	ug/L	0.024	12	5	84	11	KED
	Cd	114	0.197	ug/L	0.034	17	6	210	16	KED
>	In	115		ug/L			1030192	1142328	0	Standard
	Ag	107	-0.000	ug/L	0.001	304	52	53	25	Standard
	Ba	135	8.841	ug/L	0.141	1	78	67133	1	Standard
	Ba	137	8.962	ug/L	0.017	0	113	120897	0	Standard
>	Tb	159		ug/L			2188799	2332109	0	Standard
	Pb	208	0.004	ug/L	0.001	16	946	1429	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-05
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:21:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	57123	1	Standard
	Cl	**37**		ug/L			6079686	5976141	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1268773	1	Standard
|	**Cr**	**52**	**0.154**	ug/L	0.033	21	19938	25575	1	Standard
|	**Cr**	**53**	**0.323**	ug/L	0.006	1	235	1304	2	Standard
⌊	**Mn**	**55**	**18.983**	ug/L	0.334	1	800	689333	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	86046	1	KED
|	**Ni**	**60**	**1.953**	ug/L	0.053	2	25	2963	2	KED
|	**Ni**	**62**	**2.167**	ug/L	0.254	11	6	536	10	KED
|	**Cu**	**63**	**0.513**	ug/L	0.024	4	88	2280	4	KED
|	**Cu**	**65**	**0.507**	ug/L	0.031	6	42	1121	4	KED
|	**Zn**	**66**	**24.235**	ug/L	0.080	0	248	16336	1	KED
|	**Zn**	**67**	**24.003**	ug/L	0.574	2	33	2620	2	KED
|	**As**	**75**	**0.193**	ug/L	0.015	7	3	68	6	KED
⌊	**Se**	**78**	**-0.108**	ug/L	0.094	87	20	14	25	KED
	Y	**89**		ug/L			569901	580128	1	Standard
	Kr	**83**		ug/L			285	283	5	Standard
⌈>	**In-1**	**115**		ug/L			24175	24751	1	KED
|	**Mo**	**98**	**0.046**	ug/L	0.010	22	16	99	18	KED
|	**Cd**	**111**	**0.286**	ug/L	0.013	4	5	119	2	KED
⌊	**Cd**	**114**	**0.276**	ug/L	0.006	2	6	285	0	KED
⌈>	**In**	**115**		ug/L			1030192	1129093	2	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.001	82	52	46	18	Standard
|	**Ba**	**135**	**22.020**	ug/L	0.570	2	78	165092	1	Standard
⌊	**Ba**	**137**	**22.056**	ug/L	0.581	2	113	293831	1	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2344640	1	Standard
⌊	**Pb**	**208**	**0.019**	ug/L	0.001	3	946	2921	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-08
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:25:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	51553	0	Standard
	Cl	**37**		ug/L			6079686	6003319	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1259903	1	Standard
|	**Cr**	**52**	**0.049**	ug/L	0.011	22	19938	22851	0	Standard
|	**Cr**	**53**	**0.170**	ug/L	0.005	3	235	801	1	Standard
⌊	**Mn**	**55**	**99.217**	ug/L	1.484	1	800	3574278	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	84503	1	KED
|	**Ni**	**60**	**2.421**	ug/L	0.046	1	25	3603	3	KED
|	**Ni**	**62**	**2.269**	ug/L	0.137	6	6	552	7	KED
|	**Cu**	**63**	**3.615**	ug/L	0.011	0	88	15312	1	KED
|	**Cu**	**65**	**3.567**	ug/L	0.057	1	42	7521	0	KED
|	**Zn**	**66**	**50.615**	ug/L	1.587	3	248	33253	1	KED
|	**Zn**	**67**	**47.504**	ug/L	0.350	0	33	5063	0	KED
|	**As**	**75**	**0.013**	ug/L	0.010	77	3	7	44	KED
⌊	**Se**	**78**	**-0.010**	ug/L	0.096	960	20	18	20	KED
	Y	**89**		ug/L			569901	580051	1	Standard
	Kr	**83**		ug/L			285	276	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	24519	1	KED
|	**Mo**	**98**	**0.023**	ug/L	0.011	49	16	56	35	KED
|	**Cd**	**111**	**0.692**	ug/L	0.043	6	5	279	5	KED
⌊	**Cd**	**114**	**0.656**	ug/L	0.032	4	6	663	5	KED
⌈>	**In**	**115**		ug/L			1030192	1140348	1	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	12	52	43	4	Standard
|	**Ba**	**135**	**12.558**	ug/L	0.130	1	78	95157	0	Standard
⌊	**Ba**	**137**	**12.545**	ug/L	0.124	0	113	168891	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2305399	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	51	946	1091	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-10
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:28:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	52760	3	Standard
	Cl	37		ug/L			6079686	5865176	2	Standard
>	Sc	45		ug/L			1159801	1185349	2	Standard
	Cr	52	0.132	ug/L	0.013	9	19938	23400	1	Standard
	Cr	53	0.197	ug/L	0.010	5	235	835	3	Standard
	Mn	55	184.890	ug/L	4.350	2	800	6264634	0	Standard
>	Ge	72		ug/L			93175	77456	0	KED
	Ni	60	0.137	ug/L	0.028	20	25	206	18	KED
	Ni	62	0.134	ug/L	0.027	20	6	34	16	KED
	Cu	63	0.096	ug/L	0.002	1	88	445	1	KED
	Cu	65	0.092	ug/L	0.013	13	42	212	10	KED
	Zn	66	0.090	ug/L	0.029	32	248	260	7	KED
	Zn	67	0.837	ug/L	0.175	20	33	109	14	KED
	As	75	1.317	ug/L	0.047	3	3	403	3	KED
	Se	78	-0.108	ug/L	0.055	50	20	13	15	KED
	Y	89		ug/L			569901	525112	0	Standard
	Kr	83		ug/L			285	291	6	Standard
>	In-1	115		ug/L			24175	22856	0	KED
	Mo	98	0.788	ug/L	0.035	4	16	1311	4	KED
	Cd	111	0.002	ug/L	0.014	820	5	5	88	KED
	Cd	114	-0.003	ug/L	0.001	41	6	3	27	KED
>	In	115		ug/L			1030192	1027578	2	Standard
	Ag	107	0.004	ug/L	0.000	7	52	106	5	Standard
	Ba	135	15.781	ug/L	0.336	2	78	107708	2	Standard
	Ba	137	15.819	ug/L	0.359	2	113	191811	0	Standard
>	Tb	159		ug/L			2188799	2216071	1	Standard
	Pb	208	0.007	ug/L	0.001	12	946	1612	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-11
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:32:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	47989	0	Standard
	Cl	**37**		ug/L			6079686	4562809	2	Standard
>	**Sc**	**45**		ug/L			1159801	870143	2	Standard
	Cr	**52**	**0.611**	ug/L	0.014	2	19938	25230	1	Standard
	Cr	**53**	**0.641**	ug/L	0.016	2	235	1599	1	Standard
	Mn	**55**	**2841.410**	ug/L	55.153	1	800	70708700	4	Standard
>	**Ge**	**72**		ug/L			93175	61580	0	KED
	Ni	**60**	**0.545**	ug/L	0.007	1	25	603	0	KED
	Ni	**62**	**0.548**	ug/L	0.148	27	6	100	25	KED
	Cu	**63**	**0.542**	ug/L	0.008	1	88	1722	1	KED
	Cu	**65**	**0.561**	ug/L	0.026	4	42	885	5	KED
	Zn	**66**	**52.488**	ug/L	0.965	1	248	25128	1	KED
	Zn	**67**	**50.929**	ug/L	1.730	3	33	3953	2	KED
	As	**75**	**0.026**	ug/L	0.008	32	3	8	22	KED
	Se	**78**	**0.159**	ug/L	0.065	40	20	18	9	KED
	Y	**89**		ug/L			569901	403008	2	Standard
	Kr	**83**		ug/L			285	321	5	Standard
>	**In-1**	**115**		ug/L			24175	19299	0	KED
	Mo	**98**	**0.243**	ug/L	0.016	6	16	350	7	KED
	Cd	**111**	**0.156**	ug/L	0.023	14	5	53	13	KED
	Cd	**114**	**0.172**	ug/L	0.047	27	6	140	25	KED
>	**In**	**115**		ug/L			1030192	827400	4	Standard
	Ag	**107**	**0.037**	ug/L	0.002	5	52	480	1	Standard
	Ba	**135**	**8.959**	ug/L	0.265	2	78	49234	1	Standard
	Ba	**137**	**9.015**	ug/L	0.190	2	113	88034	2	Standard
>	**Tb**	**159**		ug/L			2188799	1920887	1	Standard
	Pb	**208**	**0.018**	ug/L	0.001	6	946	2320	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-09
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:35:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	59908	4	Standard
	Cl	**37**		ug/L			6079686	5813073	2	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1225602	3	Standard
|	**Cr**	**52**	**0.288**	ug/L	0.025	8	19938	27894	1	Standard
|	**Cr**	**53**	**0.361**	ug/L	0.012	3	235	1375	3	Standard
⌊	**Mn**	**55**	**52.914**	ug/L	0.384	0	800	1854692	2	Standard
⌈>	**Ge**	**72**		ug/L			93175	81808	1	KED
|	**Ni**	**60**	**0.483**	ug/L	0.015	3	25	713	4	KED
|	**Ni**	**62**	**0.488**	ug/L	0.045	9	6	119	9	KED
|	**Cu**	**63**	**3.637**	ug/L	0.043	1	88	14910	1	KED
|	**Cu**	**65**	**3.688**	ug/L	0.040	1	42	7529	2	KED
|	**Zn**	**66**	**19.423**	ug/L	0.487	2	248	12492	3	KED
|	**Zn**	**67**	**19.287**	ug/L	0.791	4	33	2007	3	KED
|	**As**	**75**	**0.399**	ug/L	0.022	5	3	130	7	KED
⌊	**Se**	**78**	**0.025**	ug/L	0.060	242	20	18	13	KED
	Y	**89**		ug/L			569901	563657	3	Standard
	Kr	**83**		ug/L			285	283	7	Standard
⌈>	**In-1**	**115**		ug/L			24175	24739	2	KED
|	**Mo**	**98**	**0.324**	ug/L	0.021	6	16	593	5	KED
|	**Cd**	**111**	**0.144**	ug/L	0.013	9	5	62	8	KED
⌊	**Cd**	**114**	**0.142**	ug/L	0.008	5	6	150	4	KED
⌈>	**In**	**115**		ug/L			1030192	1144713	3	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.001	1937	52	57	17	Standard
|	**Ba**	**135**	**8.107**	ug/L	0.128	1	78	61675	1	Standard
⌊	**Ba**	**137**	**8.065**	ug/L	0.081	0	113	109029	2	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2324835	2	Standard
⌊	**Pb**	**208**	**0.073**	ug/L	0.002	3	946	8333	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:39:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	57381	0	Standard
	Cl	37		ug/L			6079686	5577619	1	Standard
>	Sc	45		ug/L			1159801	1167589	2	Standard
	Cr	52	0.318	ug/L	0.007	2	19938	27244	1	Standard
	Cr	53	0.362	ug/L	0.011	3	235	1315	1	Standard
	Mn	55	54.640	ug/L	0.614	1	800	1824548	1	Standard
>	Ge	72		ug/L			93175	80344	1	KED
	Ni	60	0.521	ug/L	0.026	5	25	754	5	KED
	Ni	62	0.475	ug/L	0.115	24	6	114	24	KED
	Cu	63	3.811	ug/L	0.063	1	88	15339	0	KED
	Cu	65	3.851	ug/L	0.029	0	42	7718	1	KED
	Zn	66	20.179	ug/L	0.100	0	248	12735	1	KED
	Zn	67	19.272	ug/L	1.052	5	33	1970	6	KED
	As	75	0.441	ug/L	0.022	5	3	141	4	KED
	Se	78	-0.006	ug/L	0.116	2110	20	17	25	KED
	Y	89		ug/L			569901	538863	1	Standard
	Kr	83		ug/L			285	292	12	Standard
>	In-1	115		ug/L			24175	23306	1	KED
	Mo	98	0.352	ug/L	0.019	5	16	606	4	KED
	Cd	111	0.125	ug/L	0.018	14	5	52	12	KED
	Cd	114	0.144	ug/L	0.015	10	6	143	8	KED
>	In	115		ug/L			1030192	1073528	1	Standard
	Ag	107	-0.000	ug/L	0.001	169	52	47	22	Standard
	Ba	135	8.594	ug/L	0.156	1	78	61317	0	Standard
	Ba	137	8.707	ug/L	0.302	3	113	110350	1	Standard
>	Tb	159		ug/L			2188799	2226870	1	Standard
	Pb	208	0.073	ug/L	0.002	2	946	7931	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:43:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	55435	1	Standard
	Cl	37		ug/L			6079686	5692091	1	Standard
>	Sc	45		ug/L			1159801	1140026	2	Standard
	Cr	52	27.212	ug/L	0.542	1	19938	619302	0	Standard
	Cr	53	24.480	ug/L	0.144	0	235	71409	2	Standard
	Mn	55	73.221	ug/L	0.637	0	800	2386971	1	Standard
>	Ge	72		ug/L			93175	78131	1	KED
	Ni	60	25.234	ug/L	0.485	1	25	34519	2	KED
	Ni	62	24.908	ug/L	0.297	1	6	5550	1	KED
	Cu	63	28.402	ug/L	0.555	1	88	110701	1	KED
	Cu	65	28.349	ug/L	0.114	0	42	55031	1	KED
	Zn	66	94.927	ug/L	1.205	1	248	57490	0	KED
	Zn	67	91.853	ug/L	1.800	1	33	9025	1	KED
	As	75	24.910	ug/L	0.306	1	3	7639	0	KED
	Se	78	70.883	ug/L	1.077	1	20	2611	2	KED
	Y	89		ug/L			569901	533630	1	Standard
	Kr	83		ug/L			285	262	3	Standard
>	In-1	115		ug/L			24175	22545	0	KED
	Mo	98	0.358	ug/L	0.013	3	16	596	4	KED
	Cd	111	25.412	ug/L	0.260	1	5	9246	0	KED
	Cd	114	25.380	ug/L	0.188	0	6	23370	0	KED
>	In	115		ug/L			1030192	1016878	1	Standard
	Ag	107	23.669	ug/L	0.055	0	52	341058	1	Standard
	Ba	135	32.613	ug/L	0.270	0	78	220228	0	Standard
	Ba	137	33.148	ug/L	0.528	1	113	397733	1	Standard
>	Tb	159		ug/L			2188799	2179154	0	Standard
	Pb	208	26.082	ug/L	0.213	0	946	2440881	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:48:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	52982	2	Standard
	Cl	37		ug/L			6079686	5737919	0	Standard
>	Sc	45		ug/L			1159801	1167911	0	Standard
	Cr	52	26.872	ug/L	0.321	1	19938	626911	0	Standard
	Cr	53	24.256	ug/L	0.088	0	235	72489	0	Standard
	Mn	55	71.747	ug/L	0.736	1	800	2396341	0	Standard
>	Ge	72		ug/L			93175	78531	0	KED
	Ni	60	24.811	ug/L	0.327	1	25	34109	0	KED
	Ni	62	24.620	ug/L	0.232	0	6	5514	0	KED
	Cu	63	27.803	ug/L	0.541	1	88	108925	1	KED
	Cu	65	28.301	ug/L	0.217	0	42	55215	0	KED
	Zn	66	94.096	ug/L	2.281	2	248	57281	2	KED
	Zn	67	89.543	ug/L	1.322	1	33	8844	0	KED
	As	75	24.682	ug/L	0.161	0	3	7609	0	KED
	Se	78	69.828	ug/L	1.039	1	20	2585	1	KED
	Y	89		ug/L			569901	552023	0	Standard
	Kr	83		ug/L			285	271	6	Standard
>	In-1	115		ug/L			24175	22892	1	KED
	Mo	98	0.350	ug/L	0.011	3	16	591	1	KED
	Cd	111	25.198	ug/L	0.541	2	5	9308	1	KED
	Cd	114	24.890	ug/L	0.190	0	6	23274	1	KED
>	In	115		ug/L			1030192	1017794	0	Standard
	Ag	107	23.770	ug/L	0.193	0	52	342815	0	Standard
	Ba	135	32.956	ug/L	0.141	0	78	222767	0	Standard
	Ba	137	33.238	ug/L	0.492	1	113	399192	1	Standard
>	Tb	159		ug/L			2188799	2177392	1	Standard
	Pb	208	25.907	ug/L	0.196	0	946	2422510	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:55:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	31668	1	Standard
	Cl	**37**		ug/L			6079686	5838011	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1126840	1	Standard
|	**Cr**	**52**	**-0.025**	ug/L	0.019	76	19938	18829	2	Standard
|	**Cr**	**53**	**0.006**	ug/L	0.005	82	235	246	6	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.001	14	800	1067	3	Standard
⌈>	**Ge**	**72**		ug/L			93175	79262	1	KED
|	**Ni**	**60**	**-0.001**	ug/L	0.004	488	25	20	28	KED
|	**Ni**	**62**	**0.010**	ug/L	0.008	82	6	7	25	KED
|	**Cu**	**63**	**0.000**	ug/L	0.002	1925	88	76	13	KED
|	**Cu**	**65**	**0.008**	ug/L	0.003	34	42	51	11	KED
|	**Zn**	**66**	**0.025**	ug/L	0.045	176	248	226	11	KED
|	**Zn**	**67**	**0.076**	ug/L	0.102	132	33	36	27	KED
|	**As**	**75**	**0.003**	ug/L	0.003	88	3	3	21	KED
⌊	**Se**	**78**	**0.013**	ug/L	0.052	399	20	17	10	KED
	Y	**89**		ug/L			569901	544724	1	Standard
	Kr	**83**		ug/L			285	265	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	23075	1	KED
|	**Mo**	**98**	**-0.006**	ug/L	0.001	14	16	5	29	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.003	71	5	3	25	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	67	6	3	56	KED
⌈>	**In**	**115**		ug/L			1030192	1010207	1	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.001	4805	52	50	36	Standard
|	**Ba**	**135**	**0.000**	ug/L	0.001	968	78	77	11	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	34	113	158	9	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2135795	1	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.001	21	946	674	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:59:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	28671	1	Standard
	Cl	37		ug/L			6079686	6025607	2	Standard
>	Sc	45		ug/L			1159801	1128159	1	Standard
	Cr	52	55.051	ug/L	0.316	0	19938	1220307	1	Standard
	Cr	53	49.362	ug/L	0.651	1	235	142276	2	Standard
	Mn	55	56.962	ug/L	1.333	2	800	1837670	1	Standard
>	Ge	72		ug/L			93175	82224	0	KED
	Ni	60	47.791	ug/L	0.507	1	25	68772	1	KED
	Ni	62	48.018	ug/L	1.658	3	6	11256	4	KED
	Cu	63	48.207	ug/L	0.936	1	88	197705	2	KED
	Cu	65	48.572	ug/L	1.014	2	42	99196	2	KED
	Zn	66	48.516	ug/L	0.283	0	248	31031	1	KED
	Zn	67	48.072	ug/L	0.834	1	33	4985	2	KED
	As	75	47.825	ug/L	1.034	2	3	15435	2	KED
	Se	78	45.665	ug/L	0.535	1	20	1776	0	KED
	Y	89		ug/L			569901	550145	0	Standard
	Kr	83		ug/L			285	311	11	Standard
>	In-1	115		ug/L			24175	23508	2	KED
	Mo	98	47.672	ug/L	1.190	2	16	80624	0	KED
	Cd	111	48.468	ug/L	1.104	2	5	18379	0	KED
	Cd	114	48.929	ug/L	1.137	2	6	46960	0	KED
>	In	115		ug/L			1030192	1009885	1	Standard
	Ag	107	47.221	ug/L	1.417	3	52	675631	3	Standard
	Ba	135	49.506	ug/L	1.452	2	78	331891	1	Standard
	Ba	137	48.820	ug/L	0.889	1	113	581628	0	Standard
>	Tb	159		ug/L			2188799	2164491	1	Standard
	Pb	208	50.209	ug/L	0.304	0	946	4666297	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:06:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28393	0	Standard
	Cl	**37**		ug/L			6079686	5986250	2	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1133639	2	Standard
|	**Cr**	**52**	**-0.031**	ug/L	0.009	27	19938	18796	1	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.008	233	235	240	11	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	14	800	913	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	81062	1	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.004	168	25	19	26	KED
|	**Ni**	**62**	**0.001**	ug/L	0.008	1022	6	5	33	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.003	2085	88	76	19	KED
|	**Cu**	**65**	**0.007**	ug/L	0.002	34	42	51	9	KED
|	**Zn**	**66**	**0.017**	ug/L	0.039	232	248	226	11	KED
|	**Zn**	**67**	**0.049**	ug/L	0.083	167	33	34	24	KED
|	**As**	**75**	**0.004**	ug/L	0.004	95	3	4	29	KED
⌊	**Se**	**78**	**-0.031**	ug/L	0.045	144	20	16	10	KED
	Y	**89**		ug/L			569901	551343	1	Standard
	Kr	**83**		ug/L			285	298	8	Standard
⌈>	**In-1**	**115**		ug/L			24175	23191	2	KED
|	**Mo**	**98**	**0.013**	ug/L	0.005	35	16	37	21	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.000	3	5	2	0	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	115	6	4	45	KED
⌈>	**In**	**115**		ug/L			1030192	991316	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	61	52	73	19	Standard
|	**Ba**	**135**	**-0.002**	ug/L	0.002	119	78	63	22	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.002	156	113	122	18	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2143300	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	40	946	996	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:09:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				28404	3	Standard
	Cl	**37**		ug/L				5938709	1	Standard
>	**Sc**	**45**		ug/L				1148882	2	Standard
	Cr	**52**		ug/L				18857	3	Standard
	Cr	**53**		ug/L				226	4	Standard
	Mn	**55**		ug/L				916	1	Standard
>	**Ge**	**72**		ug/L				83989	2	KED
	Ni	**60**		ug/L				22	22	KED
	Ni	**62**		ug/L				8	68	KED
	Cu	**63**		ug/L				95	8	KED
	Cu	**65**		ug/L				56	8	KED
	Zn	**66**		ug/L				246	7	KED
	Zn	**67**		ug/L				31	13	KED
	As	**75**		ug/L				3	14	KED
	Se	**78**		ug/L				15	4	KED
	Y	**89**		ug/L				563849	1	Standard
	Kr	**83**		ug/L				276	6	Standard
>	**In-1**	**115**		ug/L				22828	0	KED
	Mo	**98**		ug/L				13	27	KED
	Cd	**111**		ug/L				5	28	KED
	Cd	**114**		ug/L				7	43	KED
>	**In**	**115**		ug/L				1003599	1	Standard
	Ag	**107**		ug/L				30	33	Standard
	Ba	**135**		ug/L				71	14	Standard
	Ba	**137**		ug/L				117	3	Standard
>	**Tb**	**159**		ug/L				2136919	0	Standard
	Pb	**208**		ug/L				969	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:13:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29695	3	Standard
	Cl	**37**		ug/L			5938709	6203542	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1175551	1	Standard
|	**Cr**	**52**	**54.436**	ug/L	1.216	2	18857	1256389	0	Standard
|	**Cr**	**53**	**49.190**	ug/L	0.580	1	226	147707	1	Standard
⌊	**Mn**	**55**	**55.734**	ug/L	0.545	0	916	1874059	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	84042	2	KED
|	**Ni**	**60**	**48.518**	ug/L	1.832	3	22	71316	1	KED
|	**Ni**	**62**	**47.718**	ug/L	0.826	1	8	11431	1	KED
|	**Cu**	**63**	**48.381**	ug/L	1.017	2	95	202742	0	KED
|	**Cu**	**65**	**48.766**	ug/L	1.318	2	56	101764	0	KED
|	**Zn**	**66**	**48.317**	ug/L	0.406	0	246	31605	1	KED
|	**Zn**	**67**	**47.704**	ug/L	2.107	4	31	5054	1	KED
|	**As**	**75**	**48.210**	ug/L	0.734	1	3	15898	1	KED
⌊	**Se**	**78**	**45.704**	ug/L	1.104	2	15	1813	2	KED
	Y	**89**		ug/L			563849	577789	1	Standard
	Kr	**83**		ug/L			276	277	2	Standard
⌈>	**In-1**	**115**		ug/L			22828	23856	0	KED
|	**Mo**	**98**	**47.466**	ug/L	0.599	1	13	81487	0	KED
|	**Cd**	**111**	**48.234**	ug/L	0.794	1	5	18566	0	KED
⌊	**Cd**	**114**	**48.505**	ug/L	0.102	0	7	47258	0	KED
⌈>	**In**	**115**		ug/L			1003599	1035398	2	Standard
|	**Ag**	**107**	**47.089**	ug/L	1.674	3	30	690454	1	Standard
|	**Ba**	**135**	**48.394**	ug/L	1.705	3	71	332575	1	Standard
⌊	**Ba**	**137**	**48.426**	ug/L	1.127	2	117	591446	0	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2200668	2	Standard
⌊	**Pb**	**208**	**49.452**	ug/L	0.892	1	969	4671766	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:19:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27920	1	Standard
	Cl	**37**		ug/L			5938709	6034477	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1159382	0	Standard
|	**Cr**	**52**	**0.003**	ug/L	0.011	361	18857	19095	0	Standard
|	**Cr**	**53**	**-0.001**	ug/L	0.004	312	226	224	5	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.001	14	916	1121	2	Standard
⌈>	**Ge**	**72**		ug/L			83989	83022	1	KED
|	**Ni**	**60**	**0.003**	ug/L	0.005	160	22	27	28	KED
|	**Ni**	**62**	**-0.008**	ug/L	0.016	209	8	6	56	KED
|	**Cu**	**63**	**0.033**	ug/L	0.004	10	95	231	7	KED
|	**Cu**	**65**	**0.028**	ug/L	0.006	20	56	113	10	KED
|	**Zn**	**66**	**0.014**	ug/L	0.017	116	246	252	3	KED
|	**Zn**	**67**	**0.126**	ug/L	0.075	59	31	44	16	KED
|	**As**	**75**	**0.007**	ug/L	0.003	41	3	5	17	KED
⌊	**Se**	**78**	**0.071**	ug/L	0.016	23	15	17	3	KED
	Y	**89**		ug/L			563849	564624	1	Standard
	Kr	**83**		ug/L			276	281	4	Standard
⌈>	**In-1**	**115**		ug/L			22828	22974	2	KED
|	**Mo**	**98**	**0.014**	ug/L	0.005	38	13	36	24	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.001	1368	5	5	10	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	205	7	6	46	KED
⌈>	**In**	**115**		ug/L			1003599	1017167	1	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	50	30	73	27	Standard
|	**Ba**	**135**	**0.028**	ug/L	0.001	5	71	258	4	Standard
⌊	**Ba**	**137**	**0.029**	ug/L	0.003	9	117	466	8	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2143169	0	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	794	969	977	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-12
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:23:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	54099	2	Standard
	Cl	37		ug/L			5938709	5629286	1	Standard
>	Sc	45		ug/L			1148882	1191375	1	Standard
	Cr	52	0.140	ug/L	0.010	7	18857	22781	0	Standard
	Cr	53	0.190	ug/L	0.003	1	226	813	0	Standard
	Mn	55	648.576	ug/L	3.330	0	916	22092507	1	Standard
>	Ge	72		ug/L			83989	81967	1	KED
	Ni	60	25.149	ug/L	0.592	2	22	36080	1	KED
	Ni	62	25.113	ug/L	0.853	3	8	5871	2	KED
	Cu	63	148.862	ug/L	1.748	1	95	608368	0	KED
	Cu	65	147.840	ug/L	2.655	1	56	300867	0	KED
	Zn	66	536.695	ug/L	15.316	2	246	339951	2	KED
	Zn	67	509.696	ug/L	8.217	1	31	52403	1	KED
	As	75	0.022	ug/L	0.003	14	3	10	9	KED
	Se	78	0.116	ug/L	0.051	43	15	19	9	KED
	Y	89		ug/L			563849	614072	1	Standard
	Kr	83		ug/L			276	306	15	Standard
>	In-1	115		ug/L			22828	23367	2	KED
	Mo	98	0.024	ug/L	0.008	31	13	55	24	KED
	Cd	111	4.056	ug/L	0.049	1	5	1534	1	KED
	Cd	114	4.063	ug/L	0.052	1	7	3884	3	KED
>	In	115		ug/L			1003599	1063786	1	Standard
	Ag	107	0.004	ug/L	0.001	28	30	87	19	Standard
	Ba	135	18.568	ug/L	0.387	2	71	131182	0	Standard
	Ba	137	18.467	ug/L	0.367	1	117	231832	0	Standard
>	Tb	159		ug/L			2136919	2213569	0	Standard
	Pb	208	0.022	ug/L	0.001	3	969	3106	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-13
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:26:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57402	1	Standard
	Cl	37		ug/L			5938709	5413379	2	Standard
>	Sc	45		ug/L			1148882	1190741	2	Standard
	Cr	52	0.269	ug/L	0.021	7	18857	25731	1	Standard
	Cr	53	0.365	ug/L	0.032	8	226	1343	7	Standard
	Mn	55	2778.902	ug/L	24.326	0	916	94609761	3	Standard
>	Ge	72		ug/L			83989	77196	1	KED
	Ni	60	28.209	ug/L	0.572	2	22	38112	0	KED
	Ni	62	28.239	ug/L	0.399	1	8	6218	1	KED
	Cu	63	18.000	ug/L	0.201	1	95	69355	0	KED
	Cu	65	17.948	ug/L	0.224	1	56	34447	1	KED
	Zn	66	663.015	ug/L	6.203	0	246	395509	1	KED
	Zn	67	628.962	ug/L	3.743	0	31	60906	2	KED
	As	75	0.053	ug/L	0.009	16	3	19	15	KED
	Se	78	0.124	ug/L	0.095	76	15	18	20	KED
	Y	89		ug/L			563849	584110	1	Standard
	Kr	83		ug/L			276	282	7	Standard
>	In-1	115		ug/L			22828	22756	0	KED
	Mo	98	0.023	ug/L	0.005	23	13	51	16	KED
	Cd	111	3.804	ug/L	0.027	0	5	1401	0	KED
	Cd	114	3.811	ug/L	0.088	2	7	3548	2	KED
>	In	115		ug/L			1003599	1019144	2	Standard
	Ag	107	0.010	ug/L	0.002	21	30	182	20	Standard
	Ba	135	11.122	ug/L	0.123	1	71	75316	2	Standard
	Ba	137	11.260	ug/L	0.179	1	117	135476	2	Standard
>	Tb	159		ug/L			2136919	2155046	2	Standard
	Pb	208	0.284	ug/L	0.002	0	969	27212	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-14
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:30:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	56258	1	Standard
	Cl	37		ug/L			5938709	5789336	1	Standard
>	Sc	45		ug/L			1148882	1145214	0	Standard
	Cr	52	0.331	ug/L	0.009	2	18857	26115	0	Standard
	Cr	53	0.339	ug/L	0.006	1	226	1216	1	Standard
	Mn	55	4.564	ug/L	0.099	2	916	150345	1	Standard
>	Ge	72		ug/L			83989	79884	1	KED
	Ni	60	0.234	ug/L	0.021	9	22	349	7	KED
	Ni	62	0.169	ug/L	0.014	8	8	46	6	KED
	Cu	63	2.832	ug/L	0.070	2	95	11367	1	KED
	Cu	65	2.822	ug/L	0.006	0	56	5650	1	KED
	Zn	66	4.745	ug/L	0.117	2	246	3162	3	KED
	Zn	67	4.769	ug/L	0.326	6	31	507	7	KED
	As	75	0.683	ug/L	0.034	5	3	217	4	KED
	Se	78	0.058	ug/L	0.027	47	15	16	6	KED
	Y	89		ug/L			563849	540504	0	Standard
	Kr	83		ug/L			276	261	5	Standard
>	In-1	115		ug/L			22828	23000	0	KED
	Mo	98	0.463	ug/L	0.025	5	13	779	5	KED
	Cd	111	0.037	ug/L	0.007	20	5	18	14	KED
	Cd	114	0.040	ug/L	0.007	18	7	44	14	KED
>	In	115		ug/L			1003599	1049318	3	Standard
	Ag	107	0.001	ug/L	0.001	75	30	45	24	Standard
	Ba	135	5.471	ug/L	0.209	3	71	38160	1	Standard
	Ba	137	5.413	ug/L	0.141	2	117	67103	2	Standard
>	Tb	159		ug/L			2136919	2156562	0	Standard
	Pb	208	0.095	ug/L	0.001	1	969	9766	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-16
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:33:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	53151	3	Standard
	Cl	37		ug/L			5938709	5770105	1	Standard
>	Sc	45		ug/L			1148882	1181712	1	Standard
	Cr	52	0.225	ug/L	0.013	5	18857	24542	2	Standard
	Cr	53	0.301	ug/L	0.009	3	226	1139	3	Standard
	Mn	55	0.517	ug/L	0.026	4	916	18406	3	Standard
>	Ge	72		ug/L			83989	79159	1	KED
	Ni	60	0.394	ug/L	0.013	3	22	567	3	KED
	Ni	62	0.419	ug/L	0.010	2	8	102	3	KED
	Cu	63	0.303	ug/L	0.004	1	95	1286	1	KED
	Cu	65	0.293	ug/L	0.013	4	56	628	4	KED
	Zn	66	0.556	ug/L	0.073	13	246	571	6	KED
	Zn	67	0.879	ug/L	0.302	34	31	116	24	KED
	As	75	0.178	ug/L	0.014	7	3	58	6	KED
	Se	78	0.292	ug/L	0.092	31	15	25	13	KED
	Y	89		ug/L			563849	532730	0	Standard
	Kr	83		ug/L			276	267	5	Standard
>	In-1	115		ug/L			22828	23155	1	KED
	Mo	98	0.778	ug/L	0.065	8	13	1308	6	KED
	Cd	111	0.008	ug/L	0.008	98	5	8	35	KED
	Cd	114	0.000	ug/L	0.002	808	7	7	28	KED
>	In	115		ug/L			1003599	1029324	1	Standard
	Ag	107	0.000	ug/L	0.000	163	30	35	18	Standard
	Ba	135	6.071	ug/L	0.096	1	71	41552	0	Standard
	Ba	137	6.116	ug/L	0.210	3	117	74361	2	Standard
>	Tb	159		ug/L			2136919	2150204	0	Standard
	Pb	208	0.011	ug/L	0.001	9	969	1956	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-17
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:37:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57620	1	Standard
	Cl	37		ug/L			5938709	5865241	1	Standard
>	Sc	45		ug/L			1148882	1142108	1	Standard
	Cr	52	0.468	ug/L	0.022	4	18857	29072	1	Standard
	Cr	53	0.469	ug/L	0.014	3	226	1590	2	Standard
	Mn	55	13.890	ug/L	0.154	1	916	454423	1	Standard
>	Ge	72		ug/L			83989	80054	1	KED
	Ni	60	0.446	ug/L	0.033	7	22	645	5	KED
	Ni	62	0.453	ug/L	0.065	14	8	111	13	KED
	Cu	63	3.019	ug/L	0.027	0	95	12141	1	KED
	Cu	65	3.062	ug/L	0.033	1	56	6140	0	KED
	Zn	66	5.810	ug/L	0.075	1	246	3827	2	KED
	Zn	67	6.057	ug/L	0.281	4	31	638	3	KED
	As	75	0.547	ug/L	0.009	1	3	174	2	KED
	Se	78	0.128	ug/L	0.107	83	15	19	20	KED
	Y	89		ug/L			563849	541689	1	Standard
	Kr	83		ug/L			276	286	14	Standard
>	In-1	115		ug/L			22828	22378	2	KED
	Mo	98	0.512	ug/L	0.020	3	13	838	5	KED
	Cd	111	0.045	ug/L	0.008	17	5	21	11	KED
	Cd	114	0.055	ug/L	0.001	2	7	57	3	KED
>	In	115		ug/L			1003599	1013822	2	Standard
	Ag	107	0.002	ug/L	0.001	58	30	56	25	Standard
	Ba	135	13.738	ug/L	0.359	2	71	92508	0	Standard
	Ba	137	13.568	ug/L	0.211	1	117	162362	0	Standard
>	Tb	159		ug/L			2136919	2132785	1	Standard
	Pb	208	0.109	ug/L	0.002	1	969	10940	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-19
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:40:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	56132	0	Standard
	Cl	37		ug/L			5938709	6036784	1	Standard
>	Sc	45		ug/L			1148882	1174389	0	Standard
	Cr	52	0.373	ug/L	0.025	6	18857	27756	1	Standard
	Cr	53	0.369	ug/L	0.013	3	226	1336	3	Standard
	Mn	55	4.014	ug/L	0.055	1	916	135705	0	Standard
>	Ge	72		ug/L			83989	75711	9	KED
	Ni	60	0.236	ug/L	0.036	15	22	330	7	KED
	Ni	62	0.188	ug/L	0.045	24	8	48	17	KED
	Cu	63	2.934	ug/L	0.270	9	95	11098	0	KED
	Cu	65	2.951	ug/L	0.227	7	56	5571	2	KED
	Zn	66	5.148	ug/L	0.407	7	246	3217	2	KED
	Zn	67	5.322	ug/L	0.647	12	31	530	7	KED
	As	75	0.699	ug/L	0.072	10	3	209	3	KED
	Se	78	0.241	ug/L	0.063	26	15	22	11	KED
	Y	89		ug/L			563849	547582	1	Standard
	Kr	83		ug/L			276	260	9	Standard
>	In-1	115		ug/L			22828	22849	2	KED
	Mo	98	0.451	ug/L	0.033	7	13	755	7	KED
	Cd	111	0.035	ug/L	0.004	10	5	18	9	KED
	Cd	114	0.040	ug/L	0.016	41	7	44	31	KED
>	In	115		ug/L			1003599	1049675	2	Standard
	Ag	107	0.001	ug/L	0.000	37	30	49	15	Standard
	Ba	135	5.334	ug/L	0.059	1	71	37244	1	Standard
	Ba	137	5.356	ug/L	0.091	1	117	66433	0	Standard
>	Tb	159		ug/L			2136919	2208527	0	Standard
	Pb	208	0.109	ug/L	0.003	2	969	11298	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:44:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57738	1	Standard
	Cl	37		ug/L			5938709	5983707	1	Standard
>	Sc	45		ug/L			1148882	1180023	1	Standard
	Cr	52	0.382	ug/L	0.019	4	18857	28080	0	Standard
	Cr	53	0.373	ug/L	0.009	2	226	1355	1	Standard
	Mn	55	4.143	ug/L	0.056	1	916	140682	0	Standard
>	Ge	72		ug/L			83989	81074	0	KED
	Ni	60	0.260	ug/L	0.008	3	22	391	3	KED
	Ni	62	0.238	ug/L	0.025	10	8	63	9	KED
	Cu	63	2.938	ug/L	0.067	2	95	11967	2	KED
	Cu	65	3.011	ug/L	0.116	3	56	6114	3	KED
	Zn	66	7.602	ug/L	0.236	3	246	4997	2	KED
	Zn	67	7.343	ug/L	0.302	4	31	777	4	KED
	As	75	0.675	ug/L	0.042	6	3	218	6	KED
	Se	78	0.056	ug/L	0.037	66	15	16	8	KED
	Y	89		ug/L			563849	561778	2	Standard
	Kr	83		ug/L			276	275	1	Standard
>	In-1	115		ug/L			22828	23811	0	KED
	Mo	98	0.423	ug/L	0.019	4	13	738	4	KED
	Cd	111	0.038	ug/L	0.017	44	5	20	32	KED
	Cd	114	0.032	ug/L	0.008	23	7	38	19	KED
>	In	115		ug/L			1003599	1057643	1	Standard
	Ag	107	0.002	ug/L	0.001	31	30	60	13	Standard
	Ba	135	5.393	ug/L	0.124	2	71	37937	0	Standard
	Ba	137	5.442	ug/L	0.045	0	117	68030	2	Standard
>	Tb	159		ug/L			2136919	2196866	0	Standard
	Pb	208	0.125	ug/L	0.000	0	969	12807	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:48:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57392	1	Standard
	Cl	37		ug/L			5938709	6130417	1	Standard
>	Sc	45		ug/L			1148882	1185680	0	Standard
	Cr	52	26.631	ug/L	0.017	0	18857	630040	0	Standard
	Cr	53	24.146	ug/L	0.372	1	226	73251	1	Standard
	Mn	55	31.873	ug/L	0.124	0	916	1081374	0	Standard
>	Ge	72		ug/L			83989	80624	1	KED
	Ni	60	24.106	ug/L	0.436	1	22	34022	0	KED
	Ni	62	24.668	ug/L	0.674	2	8	5675	3	KED
	Cu	63	26.993	ug/L	0.518	1	95	108585	1	KED
	Cu	65	27.326	ug/L	0.568	2	56	54745	0	KED
	Zn	66	77.617	ug/L	1.038	1	246	48573	2	KED
	Zn	67	74.303	ug/L	1.230	1	31	7540	0	KED
	As	75	24.224	ug/L	0.339	1	3	7668	2	KED
	Se	78	69.885	ug/L	0.391	0	15	2653	0	KED
	Y	89		ug/L			563849	566000	1	Standard
	Kr	83		ug/L			276	290	2	Standard
>	In-1	115		ug/L			22828	23670	0	KED
	Mo	98	0.416	ug/L	0.020	4	13	723	5	KED
	Cd	111	24.231	ug/L	0.269	1	5	9257	1	KED
	Cd	114	24.650	ug/L	0.385	1	7	23833	1	KED
>	In	115		ug/L			1003599	1049567	1	Standard
	Ag	107	23.470	ug/L	0.431	1	30	349046	2	Standard
	Ba	135	29.276	ug/L	0.489	1	71	204056	1	Standard
	Ba	137	29.873	ug/L	0.129	0	117	370009	0	Standard
>	Tb	159		ug/L			2136919	2226170	1	Standard
	Pb	208	25.533	ug/L	0.729	2	969	2440539	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:53:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	54224	0	Standard
	Cl	37		ug/L			5938709	6202145	1	Standard
>	Sc	45		ug/L			1148882	1202999	1	Standard
	Cr	52	26.682	ug/L	0.546	2	18857	640367	1	Standard
	Cr	53	23.980	ug/L	0.270	1	226	73807	0	Standard
	Mn	55	31.464	ug/L	0.302	0	916	1083009	0	Standard
>	Ge	72		ug/L			83989	80225	0	KED
	Ni	60	23.719	ug/L	0.359	1	22	33315	1	KED
	Ni	62	24.773	ug/L	1.016	4	8	5670	3	KED
	Cu	63	27.022	ug/L	0.505	1	95	108170	1	KED
	Cu	65	27.041	ug/L	0.511	1	56	53912	1	KED
	Zn	66	78.429	ug/L	0.653	0	246	48833	0	KED
	Zn	67	76.848	ug/L	1.108	1	31	7759	1	KED
	As	75	24.526	ug/L	0.184	0	3	7724	0	KED
	Se	78	69.590	ug/L	0.682	0	15	2629	0	KED
	Y	89		ug/L			563849	580851	0	Standard
	Kr	83		ug/L			276	290	4	Standard
>	In-1	115		ug/L			22828	23726	1	KED
	Mo	98	0.429	ug/L	0.018	4	13	745	3	KED
	Cd	111	24.229	ug/L	0.482	1	5	9276	0	KED
	Cd	114	24.352	ug/L	0.513	2	7	23598	1	KED
>	In	115		ug/L			1003599	1034477	1	Standard
	Ag	107	24.158	ug/L	0.318	1	30	354141	2	Standard
	Ba	135	29.867	ug/L	0.604	2	71	205163	1	Standard
	Ba	137	30.313	ug/L	0.058	0	117	370068	1	Standard
>	Tb	159		ug/L			2136919	2211445	1	Standard
	Pb	208	25.831	ug/L	0.348	1	969	2452989	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:00:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	30505	1	Standard
	Cl	**37**		ug/L			5938709	6067086	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1139345	1	Standard
|	**Cr**	**52**	**0.041**	ug/L	0.016	39	18857	19598	2	Standard
|	**Cr**	**53**	**-0.001**	ug/L	0.003	263	226	221	4	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	114	916	933	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	81690	2	KED
|	**Ni**	**60**	**0.006**	ug/L	0.007	113	22	30	28	KED
|	**Ni**	**62**	**-0.015**	ug/L	0.009	57	8	5	43	KED
|	**Cu**	**63**	**-0.003**	ug/L	0.003	74	95	78	14	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.002	78	56	50	9	KED
|	**Zn**	**66**	**-0.019**	ug/L	0.050	256	246	227	16	KED
|	**Zn**	**67**	**0.119**	ug/L	0.101	84	31	43	25	KED
|	**As**	**75**	**0.001**	ug/L	0.002	292	3	3	20	KED
⌊	**Se**	**78**	**0.086**	ug/L	0.132	153	15	18	28	KED
	Y	**89**		ug/L			563849	564260	0	Standard
	Kr	**83**		ug/L			276	247	4	Standard
⌈>	**In-1**	**115**		ug/L			22828	22772	7	KED
|	**Mo**	**98**	**-0.004**	ug/L	0.002	38	13	6	41	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.011	2820	5	5	84	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.005	3709	7	7	67	KED
⌈>	**In**	**115**		ug/L			1003599	1043311	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	17	30	55	6	Standard
|	**Ba**	**135**	**0.004**	ug/L	0.003	72	71	100	19	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	27	117	173	7	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2176984	0	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.000	10	969	628	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:04:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	28690	1	Standard
	Cl	**37**		ug/L			5938709	6285630	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1134316	1	Standard
|	**Cr**	**52**	**54.965**	ug/L	1.123	2	18857	1223987	0	Standard
|	**Cr**	**53**	**49.080**	ug/L	0.231	0	226	142222	1	Standard
⌊	**Mn**	**55**	**56.694**	ug/L	1.656	2	916	1838985	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	82835	2	KED
|	**Ni**	**60**	**49.089**	ug/L	1.373	2	22	71133	0	KED
|	**Ni**	**62**	**48.363**	ug/L	1.357	2	8	11419	1	KED
|	**Cu**	**63**	**49.231**	ug/L	0.846	1	95	203358	0	KED
|	**Cu**	**65**	**49.799**	ug/L	1.674	3	56	102418	0	KED
|	**Zn**	**66**	**49.225**	ug/L	1.291	2	246	31726	1	KED
|	**Zn**	**67**	**48.545**	ug/L	1.600	3	31	5070	0	KED
|	**As**	**75**	**48.538**	ug/L	0.979	2	3	15775	0	KED
⌊	**Se**	**78**	**45.939**	ug/L	2.257	4	15	1795	2	KED
	Y	**89**		ug/L			563849	568397	1	Standard
	Kr	**83**		ug/L			276	280	6	Standard
⌈>	**In-1**	**115**		ug/L			22828	23795	1	KED
|	**Mo**	**98**	**47.609**	ug/L	0.568	1	13	81525	1	KED
|	**Cd**	**111**	**49.112**	ug/L	0.664	1	5	18855	0	KED
⌊	**Cd**	**114**	**48.677**	ug/L	0.188	0	7	47305	1	KED
⌈>	**In**	**115**		ug/L			1003599	1005251	1	Standard
|	**Ag**	**107**	**47.718**	ug/L	1.023	2	30	679708	2	Standard
|	**Ba**	**135**	**49.259**	ug/L	0.627	1	71	328795	0	Standard
⌊	**Ba**	**137**	**49.682**	ug/L	0.504	1	117	589343	1	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2169017	0	Standard
⌊	**Pb**	**208**	**50.144**	ug/L	0.358	0	969	4670082	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:11:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27416	3	Standard
	Cl	**37**		ug/L			5938709	6162709	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1130282	0	Standard
|	**Cr**	**52**	**0.001**	ug/L	0.009	1354	18857	18566	1	Standard
|	**Cr**	**53**	**-0.000**	ug/L	0.004	7972	226	222	5	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	11	916	1129	2	Standard
⌈>	**Ge**	**72**		ug/L			83989	82465	1	KED
|	**Ni**	**60**	**0.008**	ug/L	0.010	125	22	33	41	KED
|	**Ni**	**62**	**-0.008**	ug/L	0.024	314	8	6	83	KED
|	**Cu**	**63**	**0.030**	ug/L	0.002	6	95	217	2	KED
|	**Cu**	**65**	**0.032**	ug/L	0.008	25	56	120	13	KED
|	**Zn**	**66**	**0.130**	ug/L	0.020	15	246	324	2	KED
|	**Zn**	**67**	**0.183**	ug/L	0.063	34	31	50	14	KED
|	**As**	**75**	**0.009**	ug/L	0.005	53	3	6	26	KED
⌊	**Se**	**78**	**0.098**	ug/L	0.110	112	15	18	24	KED
	Y	**89**		ug/L			563849	559832	0	Standard
	Kr	**83**		ug/L			276	280	5	Standard
⌈>	**In-1**	**115**		ug/L			22828	23465	0	KED
|	**Mo**	**98**	**0.011**	ug/L	0.006	49	13	32	27	KED
|	**Cd**	**111**	**0.003**	ug/L	0.006	196	5	6	34	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	99	7	8	12	KED
⌈>	**In**	**115**		ug/L			1003599	1001304	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	29	30	65	16	Standard
|	**Ba**	**135**	**0.033**	ug/L	0.003	9	71	288	7	Standard
⌊	**Ba**	**137**	**0.029**	ug/L	0.004	14	117	457	9	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2121401	1	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	1514	969	965	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-21
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:14:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57386	2	Standard
	Cl	37		ug/L			5938709	5923248	1	Standard
>	Sc	45		ug/L			1148882	1184833	0	Standard
	Cr	52	0.411	ug/L	0.015	3	18857	28853	1	Standard
	Cr	53	0.323	ug/L	0.001	0	226	1209	0	Standard
	Mn	55	3.262	ug/L	0.024	0	916	111461	1	Standard
>	Ge	72		ug/L			83989	85118	1	KED
	Ni	60	0.222	ug/L	0.023	10	22	353	8	KED
	Ni	62	0.227	ug/L	0.037	16	8	64	14	KED
	Cu	63	2.696	ug/L	0.036	1	95	11539	2	KED
	Cu	65	2.709	ug/L	0.059	2	56	5782	1	KED
	Zn	66	4.254	ug/L	0.054	1	246	3046	1	KED
	Zn	67	4.587	ug/L	0.255	5	31	521	6	KED
	As	75	0.609	ug/L	0.015	2	3	206	1	KED
	Se	78	0.126	ug/L	0.167	132	15	20	31	KED
	Y	89		ug/L			563849	569368	0	Standard
	Kr	83		ug/L			276	299	5	Standard
>	In-1	115		ug/L			22828	23956	0	KED
	Mo	98	0.443	ug/L	0.020	4	13	777	4	KED
	Cd	111	0.042	ug/L	0.009	20	5	21	15	KED
	Cd	114	0.042	ug/L	0.005	12	7	48	10	KED
>	In	115		ug/L			1003599	1042296	1	Standard
	Ag	107	0.002	ug/L	0.001	42	30	57	18	Standard
	Ba	135	5.217	ug/L	0.055	1	71	36173	0	Standard
	Ba	137	5.264	ug/L	0.097	1	117	64848	0	Standard
>	Tb	159		ug/L			2136919	2194826	1	Standard
	Pb	208	0.102	ug/L	0.004	3	969	10565	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-23
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:18:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51988	0	Standard
	Cl	37		ug/L			5938709	5923868	0	Standard
>	Sc	45		ug/L			1148882	1171855	1	Standard
	Cr	52	0.184	ug/L	0.019	10	18857	23415	2	Standard
	Cr	53	0.184	ug/L	0.006	3	226	780	3	Standard
	Mn	55	0.589	ug/L	0.007	1	916	20655	1	Standard
>	Ge	72		ug/L			83989	84307	1	KED
	Ni	60	0.156	ug/L	0.009	5	22	252	3	KED
	Ni	62	0.127	ug/L	0.026	20	8	39	15	KED
	Cu	63	1.441	ug/L	0.027	1	95	6152	0	KED
	Cu	65	1.410	ug/L	0.006	0	56	3009	1	KED
	Zn	66	4.978	ug/L	0.160	3	246	3489	4	KED
	Zn	67	5.103	ug/L	0.403	7	31	571	8	KED
	As	75	0.147	ug/L	0.018	12	3	51	13	KED
	Se	78	0.136	ug/L	0.086	63	15	20	17	KED
	Y	89		ug/L			563849	566091	0	Standard
	Kr	83		ug/L			276	275	7	Standard
>	In-1	115		ug/L			22828	23652	1	KED
	Mo	98	0.458	ug/L	0.028	6	13	793	4	KED
	Cd	111	0.039	ug/L	0.007	18	5	20	14	KED
	Cd	114	0.028	ug/L	0.007	24	7	34	19	KED
>	In	115		ug/L			1003599	1047857	2	Standard
	Ag	107	0.001	ug/L	0.001	116	30	41	28	Standard
	Ba	135	5.406	ug/L	0.184	3	71	37665	1	Standard
	Ba	137	5.445	ug/L	0.197	3	117	67397	1	Standard
>	Tb	159		ug/L			2136919	2220697	0	Standard
	Pb	208	0.075	ug/L	0.002	2	969	8183	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-25
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:21:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	49468	2	Standard
	Cl	37		ug/L			5938709	5927769	1	Standard
>	Sc	45		ug/L			1148882	1167093	0	Standard
	Cr	52	0.185	ug/L	0.010	5	18857	23328	1	Standard
	Cr	53	0.206	ug/L	0.005	2	226	843	1	Standard
	Mn	55	0.365	ug/L	0.006	1	916	13113	1	Standard
>	Ge	72		ug/L			83989	83652	0	KED
	Ni	60	0.150	ug/L	0.011	7	22	242	6	KED
	Ni	62	0.117	ug/L	0.034	28	8	36	21	KED
	Cu	63	1.297	ug/L	0.022	1	95	5502	1	KED
	Cu	65	1.342	ug/L	0.036	2	56	2843	2	KED
	Zn	66	4.506	ug/L	0.027	0	246	3156	1	KED
	Zn	67	4.481	ug/L	0.067	1	31	501	1	KED
	As	75	0.139	ug/L	0.011	7	3	49	7	KED
	Se	78	0.009	ug/L	0.025	285	15	15	5	KED
	Y	89		ug/L			563849	557113	0	Standard
	Kr	83		ug/L			276	263	5	Standard
>	In-1	115		ug/L			22828	23831	2	KED
	Mo	98	0.446	ug/L	0.025	5	13	778	3	KED
	Cd	111	0.044	ug/L	0.010	22	5	22	16	KED
	Cd	114	0.033	ug/L	0.005	13	7	40	11	KED
>	In	115		ug/L			1003599	1043785	0	Standard
	Ag	107	0.000	ug/L	0.000	373	30	33	14	Standard
	Ba	135	5.203	ug/L	0.065	1	71	36131	1	Standard
	Ba	137	5.333	ug/L	0.151	2	117	65799	3	Standard
>	Tb	159		ug/L			2136919	2184773	1	Standard
	Pb	208	0.070	ug/L	0.001	1	969	7516	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-26
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:25:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	54865	1	Standard
	Cl	37		ug/L			5938709	5926939	1	Standard
>	Sc	45		ug/L			1148882	1162137	1	Standard
	Cr	52	0.339	ug/L	0.014	4	18857	26692	0	Standard
	Cr	53	0.304	ug/L	0.010	3	226	1130	1	Standard
	Mn	55	4.019	ug/L	0.067	1	916	134451	1	Standard
>	Ge	72		ug/L			83989	82287	1	KED
	Ni	60	0.211	ug/L	0.008	3	22	325	4	KED
	Ni	62	0.188	ug/L	0.037	19	8	52	16	KED
	Cu	63	2.599	ug/L	0.053	2	95	10757	1	KED
	Cu	65	2.580	ug/L	0.073	2	56	5326	1	KED
	Zn	66	5.237	ug/L	0.132	2	246	3569	3	KED
	Zn	67	4.902	ug/L	0.414	8	31	536	7	KED
	As	75	0.648	ug/L	0.013	1	3	212	2	KED
	Se	78	0.094	ug/L	0.076	81	15	18	14	KED
	Y	89		ug/L			563849	560894	2	Standard
	Kr	83		ug/L			276	286	14	Standard
>	In-1	115		ug/L			22828	23387	2	KED
	Mo	98	0.419	ug/L	0.008	1	13	718	4	KED
	Cd	111	0.044	ug/L	0.005	11	5	21	11	KED
	Cd	114	0.034	ug/L	0.015	44	7	39	38	KED
>	In	115		ug/L			1003599	1032513	2	Standard
	Ag	107	0.001	ug/L	0.001	48	30	50	17	Standard
	Ba	135	5.331	ug/L	0.120	2	71	36604	0	Standard
	Ba	137	5.388	ug/L	0.148	2	117	65728	0	Standard
>	Tb	159		ug/L			2136919	2152444	1	Standard
	Pb	208	0.095	ug/L	0.004	4	969	9730	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-27
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:28:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	52776	1	Standard
	Cl	**37**		ug/L			5938709	5980359	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1174462	1	Standard
|	**Cr**	**52**	**0.191**	ug/L	0.005	2	18857	23612	1	Standard
|	**Cr**	**53**	**0.174**	ug/L	0.009	5	226	753	4	Standard
⌊	**Mn**	**55**	**0.404**	ug/L	0.005	1	916	14496	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	84482	0	KED
|	**Ni**	**60**	**0.238**	ug/L	0.019	7	22	375	7	KED
|	**Ni**	**62**	**0.269**	ug/L	0.021	7	8	73	6	KED
|	**Cu**	**63**	**5.947**	ug/L	0.059	0	95	25145	1	KED
|	**Cu**	**65**	**5.850**	ug/L	0.124	2	56	12327	2	KED
|	**Zn**	**66**	**24.301**	ug/L	0.310	1	246	16104	1	KED
|	**Zn**	**67**	**23.608**	ug/L	0.945	4	31	2532	3	KED
|	**As**	**75**	**0.165**	ug/L	0.021	12	3	57	12	KED
⌊	**Se**	**78**	**0.002**	ug/L	0.096	4485	15	15	24	KED
	Y	**89**		ug/L			563849	572979	1	Standard
	Kr	**83**		ug/L			276	276	5	Standard
⌈>	**In-1**	**115**		ug/L			22828	24301	0	KED
|	**Mo**	**98**	**0.586**	ug/L	0.038	6	13	1039	6	KED
|	**Cd**	**111**	**0.049**	ug/L	0.011	23	5	24	18	KED
⌊	**Cd**	**114**	**0.049**	ug/L	0.016	32	7	56	28	KED
⌈>	**In**	**115**		ug/L			1003599	1066392	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	10	30	60	3	Standard
|	**Ba**	**135**	**4.773**	ug/L	0.108	2	71	33859	0	Standard
⌊	**Ba**	**137**	**4.771**	ug/L	0.082	1	117	60131	0	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2214970	0	Standard
⌊	**Pb**	**208**	**0.078**	ug/L	0.002	2	969	8456	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-22
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:32:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51435	1	Standard
	Cl	37		ug/L			5938709	5949833	0	Standard
>	Sc	45		ug/L			1148882	1179680	1	Standard
	Cr	52	0.193	ug/L	0.014	7	18857	23772	1	Standard
	Cr	53	0.186	ug/L	0.012	6	226	790	3	Standard
	Mn	55	0.111	ug/L	0.002	1	916	4695	2	Standard
>	Ge	72		ug/L			83989	83925	1	KED
	Ni	60	0.066	ug/L	0.015	22	22	120	16	KED
	Ni	62	0.066	ug/L	0.040	61	8	24	39	KED
	Cu	63	1.147	ug/L	0.014	1	95	4893	2	KED
	Cu	65	1.158	ug/L	0.028	2	56	2469	1	KED
	Zn	66	2.727	ug/L	0.078	2	246	2013	1	KED
	Zn	67	2.881	ug/L	0.301	10	31	334	8	KED
	As	75	0.135	ug/L	0.010	7	3	47	5	KED
	Se	78	0.038	ug/L	0.057	147	15	16	13	KED
	Y	89		ug/L			563849	569103	0	Standard
	Kr	83		ug/L			276	266	9	Standard
>	In-1	115		ug/L			22828	23869	1	KED
	Mo	98	0.509	ug/L	0.026	5	13	888	3	KED
	Cd	111	0.032	ug/L	0.005	14	5	17	11	KED
	Cd	114	0.027	ug/L	0.007	26	7	34	20	KED
>	In	115		ug/L			1003599	1059387	1	Standard
	Ag	107	0.001	ug/L	0.001	223	30	40	46	Standard
	Ba	135	3.981	ug/L	0.038	0	71	28071	0	Standard
	Ba	137	3.999	ug/L	0.103	2	117	50093	1	Standard
>	Tb	159		ug/L			2136919	2197951	0	Standard
	Pb	208	-0.001	ug/L	0.000	22	969	912	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:36:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	49681	0	Standard
	Cl	37		ug/L			5938709	5934900	3	Standard
>	Sc	45		ug/L			1148882	1171017	1	Standard
	Cr	52	0.265	ug/L	0.015	5	18857	25225	2	Standard
	Cr	53	0.273	ug/L	0.004	1	226	1047	1	Standard
	Mn	55	0.091	ug/L	0.000	0	916	3984	1	Standard
>	Ge	72		ug/L			83989	82756	1	KED
	Ni	60	0.075	ug/L	0.011	14	22	130	10	KED
	Ni	62	0.067	ug/L	0.042	61	8	24	40	KED
	Cu	63	1.085	ug/L	0.024	2	95	4572	3	KED
	Cu	65	1.043	ug/L	0.057	5	56	2196	4	KED
	Zn	66	2.536	ug/L	0.035	1	246	1863	2	KED
	Zn	67	2.588	ug/L	0.247	9	31	299	7	KED
	As	75	0.143	ug/L	0.028	19	3	49	16	KED
	Se	78	0.074	ug/L	0.041	55	15	17	9	KED
	Y	89		ug/L			563849	568822	1	Standard
	Kr	83		ug/L			276	274	2	Standard
>	In-1	115		ug/L			22828	23803	1	KED
	Mo	98	0.491	ug/L	0.024	4	13	854	6	KED
	Cd	111	0.028	ug/L	0.004	15	5	15	9	KED
	Cd	114	0.022	ug/L	0.004	19	7	28	13	KED
>	In	115		ug/L			1003599	1040609	0	Standard
	Ag	107	0.000	ug/L	0.001	232	30	34	22	Standard
	Ba	135	3.782	ug/L	0.033	0	71	26203	0	Standard
	Ba	137	3.788	ug/L	0.039	1	117	46616	0	Standard
>	Tb	159		ug/L			2136919	2182433	1	Standard
	Pb	208	-0.001	ug/L	0.000	37	969	881	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:40:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	50565	0	Standard
	Cl	37		ug/L			5938709	6193077	1	Standard
>	Sc	45		ug/L			1148882	1164006	0	Standard
	Cr	52	27.689	ug/L	0.350	1	18857	642332	0	Standard
	Cr	53	24.773	ug/L	0.081	0	226	73777	0	Standard
	Mn	55	29.306	ug/L	0.462	1	916	976163	1	Standard
>	Ge	72		ug/L			83989	82451	1	KED
	Ni	60	24.576	ug/L	0.514	2	22	35475	2	KED
	Ni	62	24.451	ug/L	0.621	2	8	5752	3	KED
	Cu	63	25.772	ug/L	0.684	2	95	106036	3	KED
	Cu	65	25.657	ug/L	0.235	0	56	52577	1	KED
	Zn	66	78.180	ug/L	0.638	0	246	50026	0	KED
	Zn	67	73.546	ug/L	2.677	3	31	7631	2	KED
	As	75	24.556	ug/L	0.246	1	3	7949	2	KED
	Se	78	72.485	ug/L	1.744	2	15	2814	2	KED
	Y	89		ug/L			563849	570238	0	Standard
	Kr	83		ug/L			276	283	8	Standard
>	In-1	115		ug/L			22828	23786	1	KED
	Mo	98	0.484	ug/L	0.030	6	13	841	5	KED
	Cd	111	25.376	ug/L	0.244	0	5	9741	0	KED
	Cd	114	24.806	ug/L	0.594	2	7	24097	1	KED
>	In	115		ug/L			1003599	1017713	1	Standard
	Ag	107	24.308	ug/L	0.476	1	30	350501	1	Standard
	Ba	135	29.415	ug/L	0.605	2	71	198783	0	Standard
	Ba	137	29.903	ug/L	0.631	2	117	359081	0	Standard
>	Tb	159		ug/L			2136919	2175906	1	Standard
	Pb	208	26.438	ug/L	0.262	0	969	2470508	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:45:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51586	1	Standard
	Cl	37		ug/L			5938709	6313981	0	Standard
>	Sc	45		ug/L			1148882	1162850	1	Standard
	Cr	52	27.875	ug/L	0.190	0	18857	645885	1	Standard
	Cr	53	25.041	ug/L	0.377	1	226	74490	0	Standard
	Mn	55	29.145	ug/L	0.222	0	916	969818	0	Standard
>	Ge	72		ug/L			83989	82713	1	KED
	Ni	60	24.707	ug/L	0.407	1	22	35779	2	KED
	Ni	62	24.697	ug/L	0.683	2	8	5827	1	KED
	Cu	63	26.172	ug/L	0.552	2	95	108008	1	KED
	Cu	65	25.786	ug/L	0.317	1	56	53007	0	KED
	Zn	66	78.545	ug/L	1.387	1	246	50420	1	KED
	Zn	67	75.859	ug/L	2.284	3	31	7896	1	KED
	As	75	24.750	ug/L	0.316	1	3	8036	1	KED
	Se	78	72.498	ug/L	0.917	1	15	2823	1	KED
	Y	89		ug/L			563849	564091	1	Standard
	Kr	83		ug/L			276	290	4	Standard
>	In-1	115		ug/L			22828	23475	2	KED
	Mo	98	0.506	ug/L	0.021	4	13	867	1	KED
	Cd	111	24.815	ug/L	0.771	3	5	9397	1	KED
	Cd	114	25.021	ug/L	0.633	2	7	23981	1	KED
>	In	115		ug/L			1003599	1016183	0	Standard
	Ag	107	24.262	ug/L	0.121	0	30	349356	1	Standard
	Ba	135	29.668	ug/L	0.623	2	71	200217	1	Standard
	Ba	137	29.454	ug/L	0.091	0	117	353230	0	Standard
>	Tb	159		ug/L			2136919	2183680	1	Standard
	Pb	208	26.277	ug/L	0.366	1	969	2464053	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:52:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29161	2	Standard
	Cl	**37**		ug/L			5938709	6042887	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1110363	0	Standard
|	**Cr**	**52**	**0.049**	ug/L	0.007	13	18857	19267	1	Standard
|	**Cr**	**53**	**0.005**	ug/L	0.003	54	226	233	2	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.002	85	916	957	5	Standard
⌈>	**Ge**	**72**		ug/L			83989	81201	3	KED
|	**Ni**	**60**	**-0.004**	ug/L	0.007	166	22	15	61	KED
|	**Ni**	**62**	**-0.018**	ug/L	0.004	22	8	4	24	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.000	3153	95	92	4	KED
|	**Cu**	**65**	**-0.006**	ug/L	0.005	77	56	41	27	KED
|	**Zn**	**66**	**-0.016**	ug/L	0.009	53	246	227	4	KED
|	**Zn**	**67**	**0.042**	ug/L	0.096	230	31	34	27	KED
|	**As**	**75**	**-0.001**	ug/L	0.004	618	3	3	45	KED
⌊	**Se**	**78**	**0.031**	ug/L	0.065	210	15	15	12	KED
	Y	**89**		ug/L			563849	565527	3	Standard
	Kr	**83**		ug/L			276	282	6	Standard
⌈>	**In-1**	**115**		ug/L			22828	23433	0	KED
|	**Mo**	**98**	**-0.002**	ug/L	0.002	102	13	9	43	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.001	72	5	4	12	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.002	48	7	3	54	KED
⌈>	**In**	**115**		ug/L			1003599	989632	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	25	30	53	12	Standard
|	**Ba**	**135**	**0.003**	ug/L	0.000	16	71	88	4	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.002	54	117	157	13	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2134540	1	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	8	969	683	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:56:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29423	1	Standard
	Cl	**37**		ug/L			5938709	6340592	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1134508	0	Standard
|	**Cr**	**52**	**54.872**	ug/L	0.694	1	18857	1222401	1	Standard
|	**Cr**	**53**	**49.190**	ug/L	0.878	1	226	142544	0	Standard
⌊	**Mn**	**55**	**56.305**	ug/L	0.226	0	916	1827201	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	82554	1	KED
|	**Ni**	**60**	**48.041**	ug/L	0.147	0	22	69410	1	KED
|	**Ni**	**62**	**47.230**	ug/L	0.386	0	8	11117	1	KED
|	**Cu**	**63**	**48.681**	ug/L	0.188	0	95	200453	1	KED
|	**Cu**	**65**	**48.468**	ug/L	0.683	1	56	99383	0	KED
|	**Zn**	**66**	**47.859**	ug/L	0.633	1	246	30754	0	KED
|	**Zn**	**67**	**48.241**	ug/L	2.016	4	31	5021	2	KED
|	**As**	**75**	**48.299**	ug/L	1.199	2	3	15645	0	KED
⌊	**Se**	**78**	**46.059**	ug/L	1.013	2	15	1795	1	KED
	Y	**89**		ug/L			563849	580877	0	Standard
	Kr	**83**		ug/L			276	322	0	Standard
⌈>	**In-1**	**115**		ug/L			22828	23740	1	KED
|	**Mo**	**98**	**47.030**	ug/L	1.307	2	13	80339	2	KED
|	**Cd**	**111**	**47.928**	ug/L	0.421	0	5	18359	0	KED
⌊	**Cd**	**114**	**48.119**	ug/L	1.233	2	7	46646	1	KED
⌈>	**In**	**115**		ug/L			1003599	991295	2	Standard
|	**Ag**	**107**	**49.442**	ug/L	0.579	1	30	694298	1	Standard
|	**Ba**	**135**	**50.626**	ug/L	1.653	3	71	333056	1	Standard
⌊	**Ba**	**137**	**50.690**	ug/L	1.824	3	117	592550	1	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2166276	0	Standard
⌊	**Pb**	**208**	**49.830**	ug/L	0.655	1	969	4634762	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:02:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27488	0	Standard
	Cl	**37**		ug/L			5938709	6238259	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1115879	1	Standard
|	**Cr**	**52**	**0.030**	ug/L	0.012	39	18857	18972	1	Standard
|	**Cr**	**53**	**-0.002**	ug/L	0.007	395	226	215	10	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	18	916	1101	4	Standard
⌈>	**Ge**	**72**		ug/L			83989	80210	3	KED
|	**Ni**	**60**	**0.010**	ug/L	0.009	88	22	36	36	KED
|	**Ni**	**62**	**-0.007**	ug/L	0.013	187	8	6	41	KED
|	**Cu**	**63**	**0.037**	ug/L	0.003	9	95	240	9	KED
|	**Cu**	**65**	**0.028**	ug/L	0.002	5	56	110	5	KED
|	**Zn**	**66**	**0.050**	ug/L	0.014	28	246	266	5	KED
|	**Zn**	**67**	**0.160**	ug/L	0.050	31	31	46	9	KED
|	**As**	**75**	**0.006**	ug/L	0.002	42	3	4	14	KED
⌊	**Se**	**78**	**0.015**	ug/L	0.050	322	15	15	9	KED
	Y	**89**		ug/L			563849	561681	1	Standard
	Kr	**83**		ug/L			276	248	19	Standard
⌈>	**In-1**	**115**		ug/L			22828	23031	1	KED
|	**Mo**	**98**	**0.015**	ug/L	0.010	69	13	38	44	KED
|	**Cd**	**111**	**0.002**	ug/L	0.002	155	5	5	16	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.002	46	7	3	51	KED
⌈>	**In**	**115**		ug/L			1003599	990173	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	16	30	60	8	Standard
|	**Ba**	**135**	**0.029**	ug/L	0.005	16	71	264	11	Standard
⌊	**Ba**	**137**	**0.030**	ug/L	0.003	8	117	462	7	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2125965	0	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	450	969	954	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-28
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:06:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	53087	2	Standard
	Cl	37		ug/L			5938709	5986949	0	Standard
>	Sc	45		ug/L			1148882	1185571	0	Standard
	Cr	52	0.426	ug/L	0.015	3	18857	29226	1	Standard
	Cr	53	0.349	ug/L	0.004	1	226	1289	1	Standard
	Mn	55	9.474	ug/L	0.142	1	916	322044	0	Standard
>	Ge	72		ug/L			83989	82489	3	KED
	Ni	60	0.535	ug/L	0.016	3	22	795	6	KED
	Ni	62	0.572	ug/L	0.067	11	8	143	14	KED
	Cu	63	0.463	ug/L	0.005	1	95	1998	4	KED
	Cu	65	0.454	ug/L	0.013	2	56	985	5	KED
	Zn	66	2.149	ug/L	0.126	5	246	1611	6	KED
	Zn	67	2.641	ug/L	0.119	4	31	304	2	KED
	As	75	0.617	ug/L	0.025	3	3	203	2	KED
	Se	78	0.121	ug/L	0.105	87	15	19	20	KED
	Y	89		ug/L			563849	583111	2	Standard
	Kr	83		ug/L			276	304	8	Standard
>	In-1	115		ug/L			22828	23805	2	KED
	Mo	98	0.481	ug/L	0.032	6	13	837	5	KED
	Cd	111	0.026	ug/L	0.012	46	5	15	33	KED
	Cd	114	0.011	ug/L	0.007	60	7	18	35	KED
>	In	115		ug/L			1003599	1045542	2	Standard
	Ag	107	0.001	ug/L	0.000	29	30	46	9	Standard
	Ba	135	8.916	ug/L	0.247	2	71	61936	0	Standard
	Ba	137	9.046	ug/L	0.245	2	117	111651	1	Standard
>	Tb	159		ug/L			2136919	2217964	0	Standard
	Pb	208	0.091	ug/L	0.003	3	969	9631	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-29
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:09:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	54169	0	Standard
	Cl	**37**		ug/L			5938709	5841411	1	Standard
>	**Sc**	**45**		ug/L			1148882	1205792	1	Standard
	Cr	**52**	**0.179**	ug/L	0.007	3	18857	23971	1	Standard
	Cr	**53**	**0.166**	ug/L	0.008	5	226	748	2	Standard
	Mn	**55**	**30.523**	ug/L	0.340	1	916	1053099	1	Standard
>	**Ge**	**72**		ug/L			83989	85158	0	KED
	Ni	**60**	**6.464**	ug/L	0.081	1	22	9653	1	KED
	Ni	**62**	**8.314**	ug/L	0.395	4	8	2026	4	KED
	Cu	**63**	**867.856**	ug/L	8.182	0	95	3684940	1	KED
	Cu	**65**	**918.478**	ug/L	13.428	1	56	1942066	1	KED
	Zn	**66**	**901.573**	ug/L	18.462	2	246	593244	1	KED
	Zn	**67**	**854.996**	ug/L	19.305	2	31	91317	2	KED
	As	**75**	**0.010**	ug/L	0.004	41	3	6	21	KED
	Se	**78**	**0.148**	ug/L	0.055	36	15	21	10	KED
	Y	**89**		ug/L			563849	582319	2	Standard
	Kr	**83**		ug/L			276	276	3	Standard
>	**In-1**	**115**		ug/L			22828	24002	0	KED
	Mo	**98**	**0.011**	ug/L	0.001	12	13	33	7	KED
	Cd	**111**	**7.382**	ug/L	0.156	2	5	2863	2	KED
	Cd	**114**	**7.253**	ug/L	0.130	1	7	7116	1	KED
>	**In**	**115**		ug/L			1003599	1040883	0	Standard
	Ag	**107**	**0.010**	ug/L	0.002	19	30	184	15	Standard
	Ba	**135**	**33.575**	ug/L	0.457	1	71	232073	0	Standard
	Ba	**137**	**33.597**	ug/L	0.155	0	117	412678	0	Standard
>	**Tb**	**159**		ug/L			2136919	2195280	0	Standard
	Pb	**208**	**0.011**	ug/L	0.000	4	969	2034	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-31
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:13:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	55980	1	Standard
	Cl	37		ug/L			5938709	5923051	2	Standard
>	Sc	45		ug/L			1148882	1184452	1	Standard
	Cr	52	0.443	ug/L	0.016	3	18857	29577	2	Standard
	Cr	53	0.404	ug/L	0.007	1	226	1452	0	Standard
	Mn	55	18.816	ug/L	0.434	2	916	637980	1	Standard
>	Ge	72		ug/L			83989	78626	10	KED
	Ni	60	18.189	ug/L	1.126	6	22	24934	4	KED
	Ni	62	18.313	ug/L	1.281	6	8	4090	3	KED
	Cu	63	2.948	ug/L	0.155	5	95	11605	5	KED
	Cu	65	3.006	ug/L	0.167	5	56	5900	6	KED
	Zn	66	16.328	ug/L	0.911	5	246	10107	5	KED
	Zn	67	16.008	ug/L	0.392	2	31	1605	8	KED
	As	75	0.477	ug/L	0.064	13	3	148	2	KED
	Se	78	0.091	ug/L	0.173	189	15	17	24	KED
	Y	89		ug/L			563849	583090	0	Standard
	Kr	83		ug/L			276	292	2	Standard
>	In-1	115		ug/L			22828	23673	2	KED
	Mo	98	0.473	ug/L	0.010	2	13	820	3	KED
	Cd	111	0.110	ug/L	0.023	20	5	46	16	KED
	Cd	114	0.132	ug/L	0.022	16	7	135	14	KED
>	In	115		ug/L			1003599	1046069	0	Standard
	Ag	107	0.002	ug/L	0.000	18	30	62	9	Standard
	Ba	135	6.868	ug/L	0.131	1	71	47768	1	Standard
	Ba	137	6.826	ug/L	0.112	1	117	84355	0	Standard
>	Tb	159		ug/L			2136919	2192809	1	Standard
	Pb	208	0.092	ug/L	0.001	1	969	9675	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-32
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:17:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	53764	3	Standard
	Cl	**37**		ug/L			5938709	5701172	2	Standard
>	**Sc**	**45**		ug/L			1148882	1206297	2	Standard
	Cr	**52**	**0.123**	ug/L	0.023	18	18857	22661	0	Standard
	Cr	**53**	**0.128**	ug/L	0.006	5	226	630	4	Standard
	Mn	**55**	**86.921**	ug/L	1.500	1	916	2997901	0	Standard
>	**Ge**	**72**		ug/L			83989	83874	0	KED
	Ni	**60**	**19.419**	ug/L	0.323	1	22	28519	1	KED
	Ni	**62**	**31.191**	ug/L	0.782	2	8	7463	3	KED
	Cu	**63**	**5010.063**	ug/L	27.032	0	95	20950673	0	KED
	Cu	**65**	**5044.338**	ug/L	71.177	1	56	10504847	1	KED
	Zn	**66**	**2377.692**	ug/L	22.535	0	246	1540602	1	KED
	Zn	**67**	**2228.104**	ug/L	14.575	0	31	234325	0	KED
	As	**75**	**0.025**	ug/L	0.009	35	3	11	25	KED
	Se	**78**	**0.280**	ug/L	0.005	1	15	26	0	KED
	Y	**89**		ug/L			563849	655124	1	Standard
	Kr	**83**		ug/L			276	302	3	Standard
>	**In-1**	**115**		ug/L			22828	23996	1	KED
	Mo	**98**	**0.004**	ug/L	0.007	197	13	20	63	KED
	Cd	**111**	**21.995**	ug/L	0.635	2	5	8517	1	KED
	Cd	**114**	**22.187**	ug/L	0.580	2	7	21743	1	KED
>	**In**	**115**		ug/L			1003599	1073679	0	Standard
	Ag	**107**	**0.034**	ug/L	0.002	5	30	553	5	Standard
	Ba	**135**	**18.574**	ug/L	0.445	2	71	132469	2	Standard
	Ba	**137**	**18.538**	ug/L	0.088	0	117	234942	0	Standard
>	**Tb**	**159**		ug/L			2136919	2240102	0	Standard
	Pb	**208**	**0.054**	ug/L	0.000	0	969	6217	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-33
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:20:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	53917	2	Standard
	Cl	**37**		ug/L			5938709	5723513	3	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1210917	1	Standard
|	**Cr**	**52**	**0.229**	ug/L	0.024	10	18857	25225	0	Standard
|	**Cr**	**53**	**0.249**	ug/L	0.008	3	226	1009	2	Standard
⌊	**Mn**	**55**	**120.217**	ug/L	1.908	1	916	4162255	0	Standard
⌈>	**Ge**	**72**		ug/L			83989	83487	1	KED
|	**Ni**	**60**	**5.782**	ug/L	0.158	2	22	8466	1	KED
|	**Ni**	**62**	**11.840**	ug/L	0.201	1	8	2825	2	KED
|	**Cu**	**63**	**2637.691**	ug/L	27.214	1	95	10979139	1	KED
|	**Cu**	**65**	**2694.381**	ug/L	28.216	1	56	5584674	0	KED
|	**Zn**	**66**	**2712.467**	ug/L	36.033	1	246	1749210	1	KED
|	**Zn**	**67**	**2509.334**	ug/L	30.118	1	31	262666	1	KED
|	**As**	**75**	**0.015**	ug/L	0.006	37	3	8	21	KED
⌊	**Se**	**78**	**0.257**	ug/L	0.120	46	15	25	18	KED
	Y	**89**		ug/L			563849	598453	0	Standard
	Kr	**83**		ug/L			276	309	7	Standard
⌈>	**In-1**	**115**		ug/L			22828	24160	3	KED
|	**Mo**	**98**	**0.004**	ug/L	0.004	113	13	21	39	KED
|	**Cd**	**111**	**20.224**	ug/L	0.495	2	5	7883	0	KED
⌊	**Cd**	**114**	**20.355**	ug/L	0.560	2	7	20077	0	KED
⌈>	**In**	**115**		ug/L			1003599	1066439	1	Standard
|	**Ag**	**107**	**0.014**	ug/L	0.002	14	30	244	13	Standard
|	**Ba**	**135**	**31.892**	ug/L	0.505	1	71	225846	1	Standard
⌊	**Ba**	**137**	**31.567**	ug/L	0.787	2	117	397214	2	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2227917	0	Standard
⌊	**Pb**	**208**	**0.042**	ug/L	0.001	1	969	5014	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-34
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:24:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	53347	1	Standard
	Cl	**37**		ug/L			5938709	5697917	0	Standard
>	**Sc**	**45**		ug/L			1148882	1226692	0	Standard
	Cr	**52**	**0.183**	ug/L	0.016	8	18857	24468	1	Standard
	Cr	**53**	**0.217**	ug/L	0.009	4	226	920	3	Standard
	Mn	**55**	**169.788**	ug/L	1.658	0	916	5955602	1	Standard
>	**Ge**	**72**		ug/L			83989	82073	2	KED
	Ni	**60**	**7.279**	ug/L	0.070	0	22	10476	3	KED
	Ni	**62**	**17.338**	ug/L	0.354	2	8	4062	1	KED
	Cu	**63**	**4218.555**	ug/L	115.649	2	95	17255929	1	KED
	Cu	**65**	**4306.749**	ug/L	58.331	1	56	8775193	2	KED
	Zn	**66**	**3709.115**	ug/L	52.357	1	246	2351192	1	KED
	Zn	**67**	**3657.965**	ug/L	97.698	2	31	376275	0	KED
	As	**75**	**0.025**	ug/L	0.013	49	3	11	37	KED
	Se	**78**	**0.302**	ug/L	0.031	10	15	26	6	KED
	Y	**89**		ug/L			563849	679404	0	Standard
	Kr	**83**		ug/L			276	298	5	Standard
>	**In-1**	**115**		ug/L			22828	21995	8	KED
	Mo	**98**	**0.023**	ug/L	0.007	29	13	50	28	KED
	Cd	**111**	**31.070**	ug/L	2.536	8	5	10975	1	KED
	Cd	**114**	**31.319**	ug/L	2.373	7	7	28009	1	KED
>	**In**	**115**		ug/L			1003599	1096666	1	Standard
	Ag	**107**	**0.021**	ug/L	0.001	4	30	359	3	Standard
	Ba	**135**	**24.506**	ug/L	0.044	0	71	178495	1	Standard
	Ba	**137**	**24.672**	ug/L	0.174	0	117	319337	1	Standard
>	**Tb**	**159**		ug/L			2136919	2271723	1	Standard
	Pb	**208**	**0.051**	ug/L	0.001	2	969	5990	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-35
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:28:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	54005	1	Standard
	Cl	**37**		ug/L			5938709	5748134	0	Standard
>	**Sc**	**45**		ug/L			1148882	1192308	0	Standard
	Cr	**52**	**0.152**	ug/L	0.017	11	18857	23077	1	Standard
	Cr	**53**	**0.175**	ug/L	0.004	2	226	767	2	Standard
	Mn	**55**	**52.494**	ug/L	0.573	1	916	1790482	1	Standard
>	**Ge**	**72**		ug/L			83989	83370	1	KED
	Ni	**60**	**5.394**	ug/L	0.004	0	22	7890	1	KED
	Ni	**62**	**9.550**	ug/L	0.423	4	8	2277	4	KED
	Cu	**63**	**1844.023**	ug/L	40.993	2	95	7663968	1	KED
	Cu	**65**	**1856.065**	ug/L	38.428	2	56	3841380	1	KED
	Zn	**66**	**1597.026**	ug/L	18.968	1	246	1028522	0	KED
	Zn	**67**	**1503.186**	ug/L	5.720	0	31	157146	1	KED
	As	**75**	**0.023**	ug/L	0.003	14	3	10	9	KED
	Se	**78**	**0.126**	ug/L	0.092	72	15	20	16	KED
	Y	**89**		ug/L			563849	563741	0	Standard
	Kr	**83**		ug/L			276	268	7	Standard
>	**In-1**	**115**		ug/L			22828	23965	1	KED
	Mo	**98**	**0.032**	ug/L	0.015	47	13	70	39	KED
	Cd	**111**	**12.952**	ug/L	0.242	1	5	5011	0	KED
	Cd	**114**	**13.100**	ug/L	0.217	1	7	12825	1	KED
>	**In**	**115**		ug/L			1003599	1087149	0	Standard
	Ag	**107**	**0.010**	ug/L	0.001	9	30	180	7	Standard
	Ba	**135**	**26.382**	ug/L	0.231	0	71	190500	1	Standard
	Ba	**137**	**26.550**	ug/L	0.464	1	117	340674	2	Standard
>	**Tb**	**159**		ug/L			2136919	2249501	1	Standard
	Pb	**208**	**0.028**	ug/L	0.001	1	969	3763	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-36
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:32:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	56568	2	Standard
	Cl	**37**		ug/L			5938709	5679912	0	Standard
>	**Sc**	**45**		ug/L			1148882	1181680	1	Standard
	Cr	**52**	**0.131**	ug/L	0.007	5	18857	22385	1	Standard
	Cr	**53**	**0.168**	ug/L	0.006	3	226	739	4	Standard
	Mn	**55**	**39.342**	ug/L	0.795	2	916	1329767	0	Standard
>	**Ge**	**72**		ug/L			83989	82111	0	KED
	Ni	**60**	**5.746**	ug/L	0.048	0	22	8277	0	KED
	Ni	**62**	**8.414**	ug/L	0.194	2	8	1977	2	KED
	Cu	**63**	**1210.890**	ug/L	10.224	0	95	4957286	0	KED
	Cu	**65**	**1233.375**	ug/L	5.635	0	56	2514548	0	KED
	Zn	**66**	**1228.862**	ug/L	21.438	1	246	779577	1	KED
	Zn	**67**	**1156.806**	ug/L	13.182	1	31	119117	0	KED
	As	**75**	**0.016**	ug/L	0.003	18	3	8	11	KED
	Se	**78**	**0.101**	ug/L	0.147	145	15	18	30	KED
	Y	**89**		ug/L			563849	560681	2	Standard
	Kr	**83**		ug/L			276	280	6	Standard
>	**In-1**	**115**		ug/L			22828	23837	2	KED
	Mo	**98**	**0.006**	ug/L	0.002	30	13	25	10	KED
	Cd	**111**	**9.831**	ug/L	0.415	4	5	3783	2	KED
	Cd	**114**	**9.886**	ug/L	0.408	4	7	9625	3	KED
>	**In**	**115**		ug/L			1003599	1067034	0	Standard
	Ag	**107**	**0.011**	ug/L	0.002	15	30	193	11	Standard
	Ba	**135**	**24.346**	ug/L	0.138	0	71	172545	0	Standard
	Ba	**137**	**24.125**	ug/L	0.417	1	117	303800	1	Standard
>	**Tb**	**159**		ug/L			2136919	2227579	1	Standard
	Pb	**208**	**0.009**	ug/L	0.000	5	969	1866	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-37
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:37:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51734	1	Standard
	Cl	37		ug/L			5938709	5757057	1	Standard
>	Sc	45		ug/L			1148882	1129625	1	Standard
	Cr	52	0.150	ug/L	0.003	1	18857	21821	2	Standard
	Cr	53	0.239	ug/L	0.011	4	226	910	3	Standard
	Mn	55	2.455	ug/L	0.033	1	916	80168	0	Standard
>	Ge	72		ug/L			83989	78373	0	KED
	Ni	60	0.244	ug/L	0.009	3	22	355	2	KED
	Ni	62	0.204	ug/L	0.020	9	8	53	8	KED
	Cu	63	1.825	ug/L	0.005	0	95	7221	0	KED
	Cu	65	1.849	ug/L	0.085	4	56	3652	5	KED
	Zn	66	25.225	ug/L	0.154	0	246	15499	1	KED
	Zn	67	24.166	ug/L	0.448	1	31	2404	1	KED
	As	75	0.335	ug/L	0.015	4	3	106	3	KED
	Se	78	0.126	ug/L	0.023	18	15	18	4	KED
	Y	89		ug/L			563849	538538	1	Standard
	Kr	83		ug/L			276	273	13	Standard
>	In-1	115		ug/L			22828	22955	0	KED
	Mo	98	0.396	ug/L	0.010	2	13	666	2	KED
	Cd	111	0.252	ug/L	0.021	8	5	98	7	KED
	Cd	114	0.243	ug/L	0.010	4	7	234	3	KED
>	In	115		ug/L			1003599	1015752	1	Standard
	Ag	107	0.001	ug/L	0.001	106	30	38	20	Standard
	Ba	135	13.019	ug/L	0.114	0	71	87858	1	Standard
	Ba	137	13.262	ug/L	0.290	2	117	158998	0	Standard
>	Tb	159		ug/L			2136919	2164622	1	Standard
	Pb	208	0.030	ug/L	0.001	3	969	3767	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:44:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29613	4	Standard
	Cl	**37**		ug/L			5938709	5973096	6	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1047674	12	Standard
|	**Cr**	**52**	**0.058**	ug/L	0.083	142	18857	18235	4	Standard
|	**Cr**	**53**	**0.008**	ug/L	0.011	138	226	225	2	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.005	95	916	989	2	Standard
⌈>	**Ge**	**72**		ug/L			83989	79501	2	KED
|	**Ni**	**60**	**0.002**	ug/L	0.000	18	22	24	0	KED
|	**Ni**	**62**	**-0.012**	ug/L	0.008	65	8	5	33	KED
|	**Cu**	**63**	**0.016**	ug/L	0.004	26	95	153	12	KED
|	**Cu**	**65**	**0.006**	ug/L	0.013	237	56	64	41	KED
|	**Zn**	**66**	**0.010**	ug/L	0.034	329	246	239	8	KED
|	**Zn**	**67**	**0.049**	ug/L	0.106	215	31	34	30	KED
|	**As**	**75**	**0.005**	ug/L	0.006	105	3	4	34	KED
⌊	**Se**	**78**	**0.020**	ug/L	0.096	478	15	15	25	KED
	Y	**89**		ug/L			563849	517001	12	Standard
	Kr	**83**		ug/L			276	283	9	Standard
⌈>	**In-1**	**115**		ug/L			22828	23311	2	KED
|	**Mo**	**98**	**-0.003**	ug/L	0.004	116	13	7	80	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.004	352	5	4	34	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.006	910	7	8	67	KED
⌈>	**In**	**115**		ug/L			1003599	973425	13	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	54	30	22	26	Standard
|	**Ba**	**135**	**0.006**	ug/L	0.003	44	71	105	11	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.002	83	117	146	12	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2054076	8	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.001	19	969	640	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:48:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29745	1	Standard
	Cl	**37**		ug/L			5938709	6364830	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1145040	0	Standard
|	**Cr**	**52**	**54.755**	ug/L	1.273	2	18857	1231145	2	Standard
|	**Cr**	**53**	**49.047**	ug/L	0.114	0	226	143467	0	Standard
⌊	**Mn**	**55**	**56.903**	ug/L	0.463	0	916	1863732	0	Standard
⌈>	**Ge**	**72**		ug/L			83989	82156	1	KED
|	**Ni**	**60**	**47.553**	ug/L	0.615	1	22	68368	1	KED
|	**Ni**	**62**	**48.162**	ug/L	0.723	1	8	11283	2	KED
|	**Cu**	**63**	**47.925**	ug/L	0.536	1	95	196383	1	KED
|	**Cu**	**65**	**48.452**	ug/L	0.152	0	56	98888	1	KED
|	**Zn**	**66**	**47.900**	ug/L	0.356	0	246	30639	2	KED
|	**Zn**	**67**	**47.661**	ug/L	1.249	2	31	4941	4	KED
|	**As**	**75**	**47.623**	ug/L	0.711	1	3	15354	0	KED
⌊	**Se**	**78**	**45.998**	ug/L	0.526	1	15	1785	2	KED
	Y	**89**		ug/L			563849	568116	2	Standard
	Kr	**83**		ug/L			276	260	11	Standard
⌈>	**In-1**	**115**		ug/L			22828	23803	0	KED
|	**Mo**	**98**	**47.534**	ug/L	0.299	0	13	81425	0	KED
|	**Cd**	**111**	**48.894**	ug/L	0.725	1	5	18779	1	KED
⌊	**Cd**	**114**	**48.898**	ug/L	0.206	0	7	47535	0	KED
⌈>	**In**	**115**		ug/L			1003599	1049311	0	Standard
|	**Ag**	**107**	**47.532**	ug/L	0.366	0	30	706709	1	Standard
|	**Ba**	**135**	**48.250**	ug/L	0.882	1	71	336189	1	Standard
⌊	**Ba**	**137**	**49.063**	ug/L	0.324	0	117	607473	0	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2231327	2	Standard
⌊	**Pb**	**208**	**50.108**	ug/L	0.892	1	969	4799723	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:54:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27252	0	Standard
	Cl	**37**		ug/L			5938709	6171092	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1111269	5	Standard
|	**Cr**	**52**	**0.020**	ug/L	0.037	185	18857	18645	1	Standard
|	**Cr**	**53**	**-0.000**	ug/L	0.005	35960	226	218	0	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.002	29	916	1131	2	Standard
⌈>	**Ge**	**72**		ug/L			83989	83008	1	KED
|	**Ni**	**60**	**0.012**	ug/L	0.002	12	22	40	4	KED
|	**Ni**	**62**	**-0.016**	ug/L	0.010	61	8	5	43	KED
|	**Cu**	**63**	**0.044**	ug/L	0.014	30	95	276	19	KED
|	**Cu**	**65**	**0.041**	ug/L	0.005	12	56	140	8	KED
|	**Zn**	**66**	**0.082**	ug/L	0.030	36	246	295	7	KED
|	**Zn**	**67**	**0.149**	ug/L	0.200	133	31	46	44	KED
|	**As**	**75**	**0.002**	ug/L	0.006	285	3	3	48	KED
⌊	**Se**	**78**	**0.008**	ug/L	0.016	191	15	15	4	KED
	Y	**89**		ug/L			563849	554410	4	Standard
	Kr	**83**		ug/L			276	275	11	Standard
⌈>	**In-1**	**115**		ug/L			22828	24248	1	KED
|	**Mo**	**98**	**0.012**	ug/L	0.006	52	13	35	31	KED
|	**Cd**	**111**	**0.001**	ug/L	0.009	1003	5	5	60	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.008	6924	7	7	99	KED
⌈>	**In**	**115**		ug/L			1003599	1025463	5	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	18	30	53	7	Standard
|	**Ba**	**135**	**0.027**	ug/L	0.002	6	71	253	7	Standard
⌊	**Ba**	**137**	**0.029**	ug/L	0.003	11	117	463	3	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2142238	3	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.001	272	969	953	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-38
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:57:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	50724	1	Standard
	Cl	37		ug/L			5938709	6007959	1	Standard
>	Sc	45		ug/L			1148882	1201909	0	Standard
	Cr	52	0.191	ug/L	0.018	9	18857	24167	0	Standard
	Cr	53	0.186	ug/L	0.016	8	226	807	6	Standard
	Mn	55	14.905	ug/L	0.191	1	916	513098	0	Standard
>	Ge	72		ug/L			83989	83838	2	KED
	Ni	60	0.279	ug/L	0.017	6	22	432	4	KED
	Ni	62	0.245	ug/L	0.051	20	8	67	15	KED
	Cu	63	2.278	ug/L	0.081	3	95	9612	1	KED
	Cu	65	2.242	ug/L	0.051	2	56	4720	1	KED
	Zn	66	6.783	ug/L	0.041	0	246	4638	2	KED
	Zn	67	6.815	ug/L	0.748	10	31	746	8	KED
	As	75	0.572	ug/L	0.023	3	3	191	2	KED
	Se	78	0.081	ug/L	0.040	48	15	18	11	KED
	Y	89		ug/L			563849	567736	1	Standard
	Kr	83		ug/L			276	261	11	Standard
>	In-1	115		ug/L			22828	24360	0	KED
	Mo	98	0.498	ug/L	0.024	4	13	887	4	KED
	Cd	111	0.039	ug/L	0.023	58	5	20	43	KED
	Cd	114	0.052	ug/L	0.022	42	7	59	37	KED
>	In	115		ug/L			1003599	1084355	1	Standard
	Ag	107	0.001	ug/L	0.000	21	30	53	9	Standard
	Ba	135	5.740	ug/L	0.196	3	71	41384	2	Standard
	Ba	137	5.781	ug/L	0.192	3	117	74062	2	Standard
>	Tb	159		ug/L			2136919	2242257	0	Standard
	Pb	208	0.063	ug/L	0.001	0	969	7109	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-39
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:01:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	48095	1	Standard
	Cl	37		ug/L			5938709	6028032	1	Standard
>	Sc	45		ug/L			1148882	1204068	1	Standard
	Cr	52	0.282	ug/L	0.021	7	18857	26331	0	Standard
	Cr	53	0.253	ug/L	0.005	2	226	1014	2	Standard
	Mn	55	0.175	ug/L	0.004	2	916	6985	1	Standard
>	Ge	72		ug/L			83989	83167	0	KED
	Ni	60	0.056	ug/L	0.004	6	22	104	4	KED
	Ni	62	0.032	ug/L	0.016	50	8	16	24	KED
	Cu	63	0.306	ug/L	0.006	2	95	1362	2	KED
	Cu	65	0.281	ug/L	0.023	8	56	636	7	KED
	Zn	66	3.778	ug/L	0.131	3	246	2670	3	KED
	Zn	67	3.705	ug/L	0.028	0	31	417	0	KED
	As	75	0.019	ug/L	0.011	58	3	9	38	KED
	Se	78	0.053	ug/L	0.155	291	15	17	35	KED
	Y	89		ug/L			563849	581707	1	Standard
	Kr	83		ug/L			276	274	7	Standard
>	In-1	115		ug/L			22828	24067	1	KED
	Mo	98	0.614	ug/L	0.035	5	13	1076	4	KED
	Cd	111	0.060	ug/L	0.016	26	5	28	20	KED
	Cd	114	0.057	ug/L	0.019	34	7	63	27	KED
>	In	115		ug/L			1003599	1092118	0	Standard
	Ag	107	0.001	ug/L	0.000	63	30	43	14	Standard
	Ba	135	3.358	ug/L	0.073	2	71	24425	1	Standard
	Ba	137	3.332	ug/L	0.020	0	117	43064	1	Standard
>	Tb	159		ug/L			2136919	2268167	1	Standard
	Pb	208	-0.001	ug/L	0.000	21	969	883	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-40
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:05:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	49976	1	Standard
	Cl	37		ug/L			5938709	6064384	0	Standard
>	Sc	45		ug/L			1148882	1210061	1	Standard
	Cr	52	0.224	ug/L	0.001	0	18857	25102	1	Standard
	Cr	53	0.228	ug/L	0.012	5	226	941	4	Standard
	Mn	55	0.629	ug/L	0.002	0	916	22733	1	Standard
>	Ge	72		ug/L			83989	84164	0	KED
	Ni	60	0.081	ug/L	0.008	9	22	142	8	KED
	Ni	62	0.053	ug/L	0.048	90	8	21	53	KED
	Cu	63	0.221	ug/L	0.007	3	95	1023	2	KED
	Cu	65	0.223	ug/L	0.005	2	56	521	2	KED
	Zn	66	4.864	ug/L	0.293	6	246	3408	5	KED
	Zn	67	5.097	ug/L	0.272	5	31	569	4	KED
	As	75	0.018	ug/L	0.001	3	3	9	2	KED
	Se	78	0.148	ug/L	0.022	14	15	21	4	KED
	Y	89		ug/L			563849	587364	2	Standard
	Kr	83		ug/L			276	288	9	Standard
>	In-1	115		ug/L			22828	23817	1	KED
	Mo	98	0.281	ug/L	0.003	1	13	494	1	KED
	Cd	111	0.076	ug/L	0.014	18	5	34	15	KED
	Cd	114	0.066	ug/L	0.011	16	7	72	16	KED
>	In	115		ug/L			1003599	1095719	0	Standard
	Ag	107	0.001	ug/L	0.001	79	30	52	29	Standard
	Ba	135	4.733	ug/L	0.073	1	71	34510	1	Standard
	Ba	137	4.659	ug/L	0.065	1	117	60359	1	Standard
>	Tb	159		ug/L			2136919	2262209	0	Standard
	Pb	208	0.004	ug/L	0.001	21	969	1385	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-41
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:08:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	48246	0	Standard
	Cl	37		ug/L			5938709	5988689	1	Standard
>	Sc	45		ug/L			1148882	1187522	1	Standard
	Cr	52	0.479	ug/L	0.020	4	18857	30488	0	Standard
	Cr	53	0.464	ug/L	0.007	1	226	1640	1	Standard
	Mn	55	0.131	ug/L	0.000	0	916	5401	1	Standard
>	Ge	72		ug/L			83989	83998	2	KED
	Ni	60	0.308	ug/L	0.021	6	22	475	5	KED
	Ni	62	0.274	ug/L	0.070	25	8	74	20	KED
	Cu	63	0.318	ug/L	0.012	3	95	1426	0	KED
	Cu	65	0.324	ug/L	0.025	7	56	732	8	KED
	Zn	66	5.761	ug/L	0.183	3	246	3983	2	KED
	Zn	67	5.511	ug/L	0.175	3	31	612	3	KED
	As	75	0.033	ug/L	0.010	31	3	14	24	KED
	Se	78	0.129	ug/L	0.111	86	15	20	18	KED
	Y	89		ug/L			563849	567055	1	Standard
	Kr	83		ug/L			276	274	9	Standard
>	In-1	115		ug/L			22828	23553	1	KED
	Mo	98	0.684	ug/L	0.025	3	13	1172	2	KED
	Cd	111	0.050	ug/L	0.009	18	5	24	12	KED
	Cd	114	0.079	ug/L	0.013	17	7	83	14	KED
>	In	115		ug/L			1003599	1057761	1	Standard
	Ag	107	-0.000	ug/L	0.001	169	30	27	28	Standard
	Ba	135	3.637	ug/L	0.072	1	71	25608	0	Standard
	Ba	137	3.611	ug/L	0.047	1	117	45183	1	Standard
>	Tb	159		ug/L			2136919	2226555	0	Standard
	Pb	208	-0.003	ug/L	0.000	10	969	698	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-42
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:12:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51244	2	Standard
	Cl	37		ug/L			5938709	5686779	1	Standard
>	Sc	45		ug/L			1148882	1236165	1	Standard
	Cr	52	-0.022	ug/L	0.008	38	18857	19770	2	Standard
	Cr	53	0.121	ug/L	0.008	6	226	624	2	Standard
	Mn	55	1146.971	ug/L	13.649	1	916	40537712	1	Standard
>	Ge	72		ug/L			83989	77553	1	KED
	Ni	60	13.359	ug/L	0.194	1	22	18149	2	KED
	Ni	62	13.235	ug/L	0.479	3	8	2931	2	KED
	Cu	63	32.838	ug/L	0.520	1	95	127046	0	KED
	Cu	65	32.164	ug/L	0.052	0	56	61985	1	KED
	Zn	66	353.133	ug/L	1.966	0	246	211769	2	KED
	Zn	67	328.151	ug/L	2.854	0	31	31933	0	KED
	As	75	0.096	ug/L	0.010	10	3	32	7	KED
	Se	78	0.211	ug/L	0.033	15	15	21	4	KED
	Y	89		ug/L			563849	709993	1	Standard
	Kr	83		ug/L			276	316	6	Standard
>	In-1	115		ug/L			22828	22652	1	KED
	Mo	98	-0.000	ug/L	0.001	4331	13	13	18	KED
	Cd	111	2.402	ug/L	0.089	3	5	882	3	KED
	Cd	114	2.404	ug/L	0.077	3	7	2230	4	KED
>	In	115		ug/L			1003599	1055551	1	Standard
	Ag	107	0.008	ug/L	0.002	21	30	156	15	Standard
	Ba	135	9.796	ug/L	0.034	0	71	68723	1	Standard
	Ba	137	9.799	ug/L	0.253	2	117	122126	1	Standard
>	Tb	159		ug/L			2136919	2265149	0	Standard
	Pb	208	0.081	ug/L	0.001	1	969	8921	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-44
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:16:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	48865	0	Standard
	Cl	37		ug/L			5938709	5780953	0	Standard
>	Sc	45		ug/L			1148882	1172862	0	Standard
	Cr	52	0.134	ug/L	0.011	8	18857	22289	0	Standard
	Cr	53	0.206	ug/L	0.008	3	226	847	2	Standard
	Mn	55	2.662	ug/L	0.037	1	916	90184	0	Standard
>	Ge	72		ug/L			83989	82773	2	KED
	Ni	60	0.525	ug/L	0.036	6	22	782	5	KED
	Ni	62	0.526	ug/L	0.034	6	8	132	4	KED
	Cu	63	0.156	ug/L	0.009	5	95	737	4	KED
	Cu	65	0.145	ug/L	0.016	11	56	353	9	KED
	Zn	66	10.716	ug/L	0.538	5	246	7090	3	KED
	Zn	67	9.801	ug/L	0.667	6	31	1047	4	KED
	As	75	0.013	ug/L	0.006	41	3	7	22	KED
	Se	78	0.075	ug/L	0.083	110	15	17	17	KED
	Y	89		ug/L			563849	555026	0	Standard
	Kr	83		ug/L			276	276	4	Standard
>	In-1	115		ug/L			22828	24126	0	KED
	Mo	98	0.138	ug/L	0.008	5	13	253	4	KED
	Cd	111	0.120	ug/L	0.008	6	5	52	6	KED
	Cd	114	0.114	ug/L	0.024	21	7	120	19	KED
>	In	115		ug/L			1003599	1103950	2	Standard
	Ag	107	-0.000	ug/L	0.000	88	30	26	22	Standard
	Ba	135	4.978	ug/L	0.132	2	71	36548	0	Standard
	Ba	137	5.014	ug/L	0.133	2	117	65398	0	Standard
>	Tb	159		ug/L			2136919	2263056	0	Standard
	Pb	208	0.000	ug/L	0.000	260	969	1043	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-45
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:21:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	47859	0	Standard
	Cl	37		ug/L			5938709	5850110	1	Standard
>	Sc	45		ug/L			1148882	1142964	0	Standard
	Cr	52	0.336	ug/L	0.014	4	18857	26182	0	Standard
	Cr	53	0.400	ug/L	0.022	5	226	1391	3	Standard
	Mn	55	0.716	ug/L	0.131	18	916	24307	17	Standard
>	Ge	72		ug/L			83989	76084	0	KED
	Ni	60	0.228	ug/L	0.018	7	22	323	8	KED
	Ni	62	0.185	ug/L	0.028	15	8	48	12	KED
	Cu	63	0.193	ug/L	0.008	3	95	817	3	KED
	Cu	65	0.179	ug/L	0.028	15	56	388	13	KED
	Zn	66	0.764	ug/L	0.053	7	246	671	4	KED
	Zn	67	1.323	ug/L	0.056	4	31	154	3	KED
	As	75	0.053	ug/L	0.012	22	3	18	18	KED
	Se	78	0.239	ug/L	0.157	65	15	22	24	KED
	Y	89		ug/L			563849	513132	0	Standard
	Kr	83		ug/L			276	281	8	Standard
>	In-1	115		ug/L			22828	22222	1	KED
	Mo	98	2.006	ug/L	0.057	2	13	3220	2	KED
	Cd	111	0.158	ug/L	0.030	19	5	61	18	KED
	Cd	114	0.141	ug/L	0.007	5	7	135	6	KED
>	In	115		ug/L			1003599	1020108	2	Standard
	Ag	107	0.007	ug/L	0.001	10	30	127	8	Standard
	Ba	135	10.141	ug/L	0.237	2	71	68722	0	Standard
	Ba	137	10.150	ug/L	0.285	2	117	122212	0	Standard
>	Tb	159		ug/L			2136919	2128736	1	Standard
	Pb	208	0.012	ug/L	0.000	0	969	2031	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:28:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29929	0	Standard
	Cl	**37**		ug/L			5938709	6405215	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1087982	0	Standard
|	**Cr**	**52**	**-0.017**	ug/L	0.004	21	18857	17495	0	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.006	170	226	204	8	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	32	916	975	3	Standard
⌈>	**Ge**	**72**		ug/L			83989	75870	2	KED
|	**Ni**	**60**	**0.002**	ug/L	0.005	315	22	22	30	KED
|	**Ni**	**62**	**-0.017**	ug/L	0.010	59	8	4	49	KED
|	**Cu**	**63**	**0.004**	ug/L	0.002	66	95	99	10	KED
|	**Cu**	**65**	**-0.001**	ug/L	0.007	1203	56	50	27	KED
|	**Zn**	**66**	**-0.007**	ug/L	0.050	741	246	219	15	KED
|	**Zn**	**67**	**0.160**	ug/L	0.032	19	31	43	4	KED
|	**As**	**75**	**0.003**	ug/L	0.002	74	3	3	18	KED
⌊	**Se**	**78**	**0.071**	ug/L	0.084	117	15	16	19	KED
	Y	**89**		ug/L			563849	526678	1	Standard
	Kr	**83**		ug/L			276	269	15	Standard
⌈>	**In-1**	**115**		ug/L			22828	22158	1	KED
|	**Mo**	**98**	**-0.004**	ug/L	0.003	75	13	6	77	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	131	5	4	26	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.003	117	7	4	62	KED
⌈>	**In**	**115**		ug/L			1003599	1009939	0	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	293	30	34	30	Standard
|	**Ba**	**135**	**0.003**	ug/L	0.002	78	71	90	14	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.002	45	117	160	11	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2082413	0	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	8	969	657	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:32:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29616	3	Standard
	Cl	**37**		ug/L			5938709	6399679	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1116959	0	Standard
|	**Cr**	**52**	**54.999**	ug/L	0.280	0	18857	1206245	1	Standard
|	**Cr**	**53**	**49.318**	ug/L	0.322	0	226	140722	1	Standard
⌊	**Mn**	**55**	**57.534**	ug/L	0.843	1	916	1838002	0	Standard
⌈>	**Ge**	**72**		ug/L			83989	80165	1	KED
|	**Ni**	**60**	**47.162**	ug/L	0.858	1	22	66161	0	KED
|	**Ni**	**62**	**48.034**	ug/L	1.672	3	8	10976	1	KED
|	**Cu**	**63**	**48.969**	ug/L	1.187	2	95	195767	0	KED
|	**Cu**	**65**	**48.178**	ug/L	1.531	3	56	95921	2	KED
|	**Zn**	**66**	**47.047**	ug/L	1.056	2	246	29359	0	KED
|	**Zn**	**67**	**47.216**	ug/L	0.586	1	31	4775	0	KED
|	**As**	**75**	**47.644**	ug/L	0.908	1	3	14988	0	KED
⌊	**Se**	**78**	**45.085**	ug/L	0.633	1	15	1707	0	KED
	Y	**89**		ug/L			563849	547818	2	Standard
	Kr	**83**		ug/L			276	291	3	Standard
⌈>	**In-1**	**115**		ug/L			22828	22947	0	KED
|	**Mo**	**98**	**48.690**	ug/L	0.385	0	13	80405	0	KED
|	**Cd**	**111**	**49.779**	ug/L	0.342	0	5	18431	0	KED
⌊	**Cd**	**114**	**50.375**	ug/L	0.625	1	7	47210	1	KED
⌈>	**In**	**115**		ug/L			1003599	1047767	1	Standard
|	**Ag**	**107**	**47.154**	ug/L	1.045	2	30	699852	0	Standard
|	**Ba**	**135**	**48.019**	ug/L	1.089	2	71	334007	0	Standard
⌊	**Ba**	**137**	**48.053**	ug/L	0.921	1	117	593963	0	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2201146	0	Standard
⌊	**Pb**	**208**	**50.194**	ug/L	0.590	1	969	4743849	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:38:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27606	1	Standard
	Cl	**37**		ug/L			5938709	6255842	1	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1108146	1	Standard
⎢	**Cr**	**52**	**-0.027**	ug/L	0.018	64	18857	17599	0	Standard
⎢	**Cr**	**53**	**-0.003**	ug/L	0.003	109	226	211	3	Standard
⎣	**Mn**	**55**	**0.007**	ug/L	0.001	18	916	1106	2	Standard
⎡>	**Ge**	**72**		ug/L			83989	80174	1	KED
⎢	**Ni**	**60**	**0.004**	ug/L	0.005	134	22	27	26	KED
⎢	**Ni**	**62**	**-0.012**	ug/L	0.009	71	8	5	33	KED
⎢	**Cu**	**63**	**0.026**	ug/L	0.002	7	95	195	4	KED
⎢	**Cu**	**65**	**0.026**	ug/L	0.004	13	56	104	7	KED
⎢	**Zn**	**66**	**0.049**	ug/L	0.028	57	246	265	5	KED
⎢	**Zn**	**67**	**0.096**	ug/L	0.052	54	31	40	14	KED
⎢	**As**	**75**	**0.006**	ug/L	0.002	35	3	5	14	KED
⎣	**Se**	**78**	**0.068**	ug/L	0.099	144	15	17	22	KED
	Y	**89**		ug/L			563849	533604	1	Standard
	Kr	**83**		ug/L			276	257	6	Standard
⎡>	**In-1**	**115**		ug/L			22828	23162	1	KED
⎢	**Mo**	**98**	**0.014**	ug/L	0.002	15	13	36	9	KED
⎢	**Cd**	**111**	**0.007**	ug/L	0.003	41	5	7	12	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.003	630	7	7	36	KED
⎡>	**In**	**115**		ug/L			1003599	1013683	1	Standard
⎢	**Ag**	**107**	**0.002**	ug/L	0.001	30	30	62	13	Standard
⎢	**Ba**	**135**	**0.029**	ug/L	0.004	15	71	266	12	Standard
⎣	**Ba**	**137**	**0.030**	ug/L	0.001	4	117	483	4	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2152460	0	Standard
⎣	**Pb**	**208**	**0.000**	ug/L	0.000	259	969	991	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:42:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	32742	3	Standard
	Cl	**37**		ug/L			5938709	6464540	0	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1232075	1	Standard
⎢	**Cr**	**52**	**-0.004**	ug/L	0.009	209	18857	20124	0	Standard
⎢	**Cr**	**53**	**0.003**	ug/L	0.006	227	226	250	5	Standard
⎣	**Mn**	**55**	**0.025**	ug/L	0.002	6	916	1877	1	Standard
⎡>	**Ge**	**72**		ug/L			83989	83753	1	KED
⎢	**Ni**	**60**	**0.004**	ug/L	0.004	111	22	28	24	KED
⎢	**Ni**	**62**	**-0.008**	ug/L	0.025	324	8	6	83	KED
⎢	**Cu**	**63**	**-0.002**	ug/L	0.003	143	95	86	12	KED
⎢	**Cu**	**65**	**-0.004**	ug/L	0.001	36	56	48	4	KED
⎢	**Zn**	**66**	**-0.195**	ug/L	0.031	15	246	119	16	KED
⎢	**Zn**	**67**	**-0.097**	ug/L	0.054	56	31	21	28	KED
⎢	**As**	**75**	**0.000**	ug/L	0.003	10378	3	3	28	KED
⎣	**Se**	**78**	**0.088**	ug/L	0.028	31	15	18	6	KED
	Y	**89**		ug/L			563849	598222	1	Standard
	Kr	**83**		ug/L			276	297	13	Standard
⎡>	**In-1**	**115**		ug/L			22828	25073	0	KED
⎢	**Mo**	**98**	**0.002**	ug/L	0.004	176	13	19	40	KED
⎢	**Cd**	**111**	**-0.006**	ug/L	0.006	92	5	3	69	KED
⎣	**Cd**	**114**	**-0.006**	ug/L	0.002	29	7	1	101	KED
⎡>	**In**	**115**		ug/L			1003599	1161580	2	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	66	30	42	10	Standard
⎢	**Ba**	**135**	**-0.004**	ug/L	0.002	46	71	54	22	Standard
⎣	**Ba**	**137**	**-0.004**	ug/L	0.001	19	117	80	15	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2353962	0	Standard
⎣	**Pb**	**208**	**-0.005**	ug/L	0.000	2	969	576	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:45:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	32634	2	Standard
	Cl	**37**		ug/L			5938709	6414336	1	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1249603	1	Standard
⎢	**Cr**	**52**	**-0.020**	ug/L	0.012	62	18857	20028	1	Standard
⎢	**Cr**	**53**	**-0.003**	ug/L	0.004	134	226	236	5	Standard
⎣	**Mn**	**55**	**0.024**	ug/L	0.002	6	916	1847	2	Standard
⎡>	**Ge**	**72**		ug/L			83989	84041	1	KED
⎢	**Ni**	**60**	**0.001**	ug/L	0.005	613	22	24	31	KED
⎢	**Ni**	**62**	**-0.013**	ug/L	0.022	164	8	5	88	KED
⎢	**Cu**	**63**	**-0.002**	ug/L	0.001	53	95	88	4	KED
⎢	**Cu**	**65**	**-0.004**	ug/L	0.009	217	56	48	36	KED
⎢	**Zn**	**66**	**-0.182**	ug/L	0.013	7	246	128	6	KED
⎢	**Zn**	**67**	**-0.096**	ug/L	0.045	46	31	21	20	KED
⎢	**As**	**75**	**-0.002**	ug/L	0.001	35	3	2	10	KED
⎣	**Se**	**78**	**-0.036**	ug/L	0.006	17	15	13	1	KED
	Y	**89**		ug/L			563849	602200	2	Standard
	Kr	**83**		ug/L			276	302	5	Standard
⎡>	**In-1**	**115**		ug/L			22828	25126	0	KED
⎢	**Mo**	**98**	**-0.006**	ug/L	0.002	27	13	4	64	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.005	92	5	3	56	KED
⎣	**Cd**	**114**	**-0.006**	ug/L	0.000	1	7	1	5	KED
⎡>	**In**	**115**		ug/L			1003599	1168745	1	Standard
⎢	**Ag**	**107**	**-0.001**	ug/L	0.000	36	30	24	15	Standard
⎢	**Ba**	**135**	**-0.004**	ug/L	0.000	6	71	55	3	Standard
⎣	**Ba**	**137**	**-0.004**	ug/L	0.001	18	117	83	10	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2345102	0	Standard
⎣	**Pb**	**208**	**-0.005**	ug/L	0.000	7	969	526	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:49:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	32360	1	Standard
	Cl	**37**		ug/L			5938709	6478314	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1212263	1	Standard
|	**Cr**	**52**	**0.006**	ug/L	0.007	105	18857	20040	0	Standard
|	**Cr**	**53**	**-0.000**	ug/L	0.004	878	226	237	4	Standard
⌊	**Mn**	**55**	**0.026**	ug/L	0.002	7	916	1851	4	Standard
⌈>	**Ge**	**72**		ug/L			83989	83082	1	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.002	861	22	22	13	KED
|	**Ni**	**62**	**-0.010**	ug/L	0.012	116	8	6	45	KED
|	**Cu**	**63**	**-0.005**	ug/L	0.001	27	95	72	9	KED
|	**Cu**	**65**	**-0.009**	ug/L	0.007	74	56	37	36	KED
|	**Zn**	**66**	**-0.175**	ug/L	0.026	14	246	131	13	KED
|	**Zn**	**67**	**-0.094**	ug/L	0.023	24	31	21	10	KED
|	**As**	**75**	**0.002**	ug/L	0.004	244	3	3	33	KED
⌊	**Se**	**78**	**0.097**	ug/L	0.046	46	15	18	10	KED
	Y	**89**		ug/L			563849	590354	1	Standard
	Kr	**83**		ug/L			276	286	10	Standard
⌈>	**In-1**	**115**		ug/L			22828	24968	0	KED
|	**Mo**	**98**	**-0.006**	ug/L	0.001	14	13	4	36	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.006	171	5	4	58	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.001	27	7	4	25	KED
⌈>	**In**	**115**		ug/L			1003599	1154391	1	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.000	327	30	36	15	Standard
|	**Ba**	**135**	**-0.005**	ug/L	0.001	28	71	43	25	Standard
⌊	**Ba**	**137**	**-0.003**	ug/L	0.001	35	117	95	14	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2305060	1	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	7	969	475	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:53:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	28343	2	Standard
	Cl	**37**		ug/L			5938709	6074111	0	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1054108	0	Standard
⎢	**Cr**	**52**	**-0.026**	ug/L	0.012	47	18857	16770	1	Standard
⎢	**Cr**	**53**	**-0.008**	ug/L	0.005	66	226	186	7	Standard
⎣	**Mn**	**55**	**-0.012**	ug/L	0.001	5	916	486	3	Standard
⎡>	**Ge**	**72**		ug/L			83989	79256	1	KED
⎢	**Ni**	**60**	**-0.009**	ug/L	0.003	31	22	9	40	KED
⎢	**Ni**	**62**	**-0.017**	ug/L	0.005	28	8	4	24	KED
⎢	**Cu**	**63**	**-0.005**	ug/L	0.004	90	95	71	22	KED
⎢	**Cu**	**65**	**-0.011**	ug/L	0.005	39	56	31	28	KED
⎢	**Zn**	**66**	**-0.203**	ug/L	0.037	18	246	107	19	KED
⎢	**Zn**	**67**	**-0.091**	ug/L	0.088	97	31	20	41	KED
⎢	**As**	**75**	**-0.000**	ug/L	0.008	2065	3	3	77	KED
⎣	**Se**	**78**	**0.091**	ug/L	0.097	106	15	17	19	KED
	Y	**89**		ug/L			563849	526704	1	Standard
	Kr	**83**		ug/L			276	242	1	Standard
⎡>	**In-1**	**115**		ug/L			22828	22150	1	KED
⎢	**Mo**	**98**	**-0.003**	ug/L	0.003	113	13	8	69	KED
⎢	**Cd**	**111**	**0.003**	ug/L	0.009	275	5	6	50	KED
⎣	**Cd**	**114**	**-0.005**	ug/L	0.003	59	7	2	126	KED
⎡>	**In**	**115**		ug/L			1003599	964460	1	Standard
⎢	**Ag**	**107**	**-0.001**	ug/L	0.000	8	30	18	5	Standard
⎢	**Ba**	**135**	**-0.007**	ug/L	0.001	10	71	26	18	Standard
⎣	**Ba**	**137**	**-0.005**	ug/L	0.000	5	117	59	5	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2085285	0	Standard
⎣	**Pb**	**208**	**-0.007**	ug/L	0.000	1	969	327	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:56:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	28512	0	Standard
	Cl	**37**		ug/L			5938709	6090903	0	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1057105	0	Standard
⎢	**Cr**	**52**	**-0.017**	ug/L	0.025	147	18857	17007	2	Standard
⎢	**Cr**	**53**	**0.000**	ug/L	0.004	1196	226	209	5	Standard
⎣	**Mn**	**55**	**-0.013**	ug/L	0.001	5	916	459	3	Standard
⎡>	**Ge**	**72**		ug/L			83989	77937	3	KED
⎢	**Ni**	**60**	**-0.007**	ug/L	0.004	58	22	12	48	KED
⎢	**Ni**	**62**	**-0.028**	ug/L	0.009	31	8	1	100	KED
⎢	**Cu**	**63**	**-0.008**	ug/L	0.004	44	95	56	22	KED
⎢	**Cu**	**65**	**-0.007**	ug/L	0.002	23	56	38	10	KED
⎢	**Zn**	**66**	**-0.196**	ug/L	0.035	17	246	111	21	KED
⎢	**Zn**	**67**	**-0.151**	ug/L	0.067	44	31	14	41	KED
⎢	**As**	**75**	**0.001**	ug/L	0.006	480	3	3	55	KED
⎣	**Se**	**78**	**-0.029**	ug/L	0.034	119	15	13	13	KED
	Y	**89**		ug/L			563849	529474	1	Standard
	Kr	**83**		ug/L			276	271	4	Standard
⎡>	**In-1**	**115**		ug/L			22828	22037	0	KED
⎢	**Mo**	**98**	**-0.003**	ug/L	0.000	16	13	8	9	KED
⎢	**Cd**	**111**	**-0.001**	ug/L	0.009	765	5	4	75	KED
⎣	**Cd**	**114**	**-0.005**	ug/L	0.003	59	7	2	120	KED
⎡>	**In**	**115**		ug/L			1003599	968069	1	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.000	106	30	24	22	Standard
⎢	**Ba**	**135**	**-0.007**	ug/L	0.002	23	71	23	47	Standard
⎣	**Ba**	**137**	**-0.006**	ug/L	0.000	3	117	45	4	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2077156	1	Standard
⎣	**Pb**	**208**	**-0.007**	ug/L	0.000	5	969	285	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 06:00:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	28192	1	Standard
	Cl	**37**		ug/L			5938709	6062538	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1061431	0	Standard
|	**Cr**	**52**	**-0.014**	ug/L	0.016	121	18857	17141	1	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.002	51	226	198	2	Standard
⌊	**Mn**	**55**	**-0.013**	ug/L	0.001	8	916	449	8	Standard
⌈>	**Ge**	**72**		ug/L			83989	77942	1	KED
|	**Ni**	**60**	**-0.010**	ug/L	0.002	22	22	8	35	KED
|	**Ni**	**62**	**-0.029**	ug/L	0.008	29	8	1	100	KED
|	**Cu**	**63**	**-0.007**	ug/L	0.003	38	95	60	17	KED
|	**Cu**	**65**	**-0.013**	ug/L	0.004	28	56	27	24	KED
|	**Zn**	**66**	**-0.196**	ug/L	0.045	23	246	110	25	KED
|	**Zn**	**67**	**-0.100**	ug/L	0.038	37	31	19	20	KED
|	**As**	**75**	**-0.001**	ug/L	0.003	439	3	2	33	KED
⌊	**Se**	**78**	**0.081**	ug/L	0.080	98	15	17	18	KED
	Y	**89**		ug/L			563849	524160	1	Standard
	Kr	**83**		ug/L			276	268	1	Standard
⌈>	**In-1**	**115**		ug/L			22828	22384	1	KED
|	**Mo**	**98**	**-0.003**	ug/L	0.001	39	13	8	19	KED
|	**Cd**	**111**	**0.000**	ug/L	0.002	590	5	5	10	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	276	7	6	47	KED
⌈>	**In**	**115**		ug/L			1003599	956545	1	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	65	30	19	29	Standard
|	**Ba**	**135**	**-0.006**	ug/L	0.001	16	71	29	20	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.001	17	117	41	31	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2059845	0	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.001	8	969	335	15	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00068
Control Limt: +/- 10.00%
Sequence: SJF0318

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0318-ICV1	Iron-54 (dissolved)	5000.0	4860	97.1	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4770	95.5	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.3	98.5	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.1	98.3	ug/L	EPA 6020B
SJF0318-CCV1	Iron-54 (dissolved)	5000.0	5020	100	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4940	98.8	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	50.3	101	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.5	101	ug/L	EPA 6020B
SJF0318-CCV2	Iron-54 (dissolved)	5000.0	5080	102	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5040	101	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	50.2	100	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	51.4	103	ug/L	EPA 6020B
SJF0318-CCV3	Iron-54 (dissolved)	5000.0	5090	102	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5080	102	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.9	99.8	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	52.2	104	ug/L	EPA 6020B
SJF0318-CCV4	Iron-54 (dissolved)	5000.0	5190	104	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5140	103	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.9	97.9	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	52.6	105	ug/L	EPA 6020B
SJF0318-CCV5	Iron-54 (dissolved)	5000.0	5270	105	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5080	102	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.1	98.1	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	52.6	105	ug/L	EPA 6020B
SJF0318-CCV6	Iron-54 (dissolved)	5000.0	5160	103	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5130	103	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.8	97.6	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	51.9	104	ug/L	EPA 6020B
SJF0318-CCV7	Iron-54 (dissolved)	5000.0	5200	104	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5160	103	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.6	97.2	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	52.3	105	ug/L	EPA 6020B
SJF0318-CCV8	Iron-54 (dissolved)	5000.0	5230	105	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5150	103	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00068
Control Limt: +/- 10.00%
Sequence: SJF0318

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0318-CCV8	Lead-208 (dissolved)	50.000	48.3	96.6	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	51.1	102	ug/L	EPA 6020B
SJF0318-CCV9	Iron-54 (dissolved)	5000.0	5230	105	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5150	103	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	47.8	95.6	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	53.0	106	ug/L	EPA 6020B
SJF0318-CCVA	Iron-54 (dissolved)	5000.0	5200	104	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5190	104	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	47.6	95.2	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	52.6	105	ug/L	EPA 6020B
SJF0318-CCVB	Iron-54 (dissolved)	5000.0	5300	106	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5350	107	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.6	97.2	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	52.5	105	ug/L	EPA 6020B
SJF0318-CCVC	Iron-54 (dissolved)	5000.0	5210	104	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5240	105	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	47.5	95.0	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	53.2	106	ug/L	EPA 6020B
SJF0318-CCVD	Iron-54 (dissolved)	5000.0	5260	105	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5310	106	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.2	96.5	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	53.8	108	ug/L	EPA 6020B
SJF0318-CCVE	Iron-54 (dissolved)	5000.0	5300	106	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5330	107	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.4	96.8	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	54.3	109	ug/L	EPA 6020B
SJF0318-CCVF	Iron-54 (dissolved)	5000.0	5230	105	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5400	108	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.2	98.3	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	53.5	107	ug/L	EPA 6020B
SJF0318-CCVG	Iron-54 (dissolved)	5000.0	5270	105	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5490	110	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.0	98.0	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	54.4	109	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00068
Control Limt: +/- 10.00%
Sequence: SJF0318

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0318-CCVH	Iron-54 (dissolved)	5000.0	5270	105	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5480	110	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.1	98.3	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	53.7	107	ug/L	EPA 6020B
SJF0318-CCVI	Iron-54 (dissolved)	5000.0	5240	105	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5520	110	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.7	97.4	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	53.4	107	ug/L	EPA 6020B

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-ICV1	Aluminum-27	5000.0	4690	93.8	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4690	93.8	ug/L	EPA 6020B
	Lead-208	50.000	48.4	96.8	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.4	96.8	ug/L	EPA 6020B
	Manganese-55	50.000	48.2	96.5	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	48.2	96.5	ug/L	EPA 6020B
SJF0364-CCV1	Aluminum-27	5000.0	4950	98.9	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4950	98.9	ug/L	EPA 6020B
	Lead-208	50.000	49.0	98.0	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.0	98.0	ug/L	EPA 6020B
	Manganese-55	50.000	49.8	99.5	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.8	99.5	ug/L	EPA 6020B
SJF0364-CCV2	Aluminum-27	5000.0	4790	95.8	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4790	95.8	ug/L	EPA 6020B
	Lead-208	50.000	48.8	97.5	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.8	97.5	ug/L	EPA 6020B
	Manganese-55	50.000	48.6	97.3	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	48.6	97.3	ug/L	EPA 6020B
SJF0364-CCV3	Aluminum-27	5000.0	4880	97.6	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4880	97.6	ug/L	EPA 6020B
	Lead-208	50.000	48.9	97.8	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.9	97.8	ug/L	EPA 6020B
	Manganese-55	50.000	49.3	98.6	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.3	98.6	ug/L	EPA 6020B
SJF0364-CCV4	Aluminum-27	5000.0	4980	99.6	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4980	99.6	ug/L	EPA 6020B
	Lead-208	50.000	49.0	97.9	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.0	97.9	ug/L	EPA 6020B
	Manganese-55	50.000	50.3	101	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.3	101	ug/L	EPA 6020B
SJF0364-CCV5	Aluminum-27	5000.0	4960	99.3	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4960	99.3	ug/L	EPA 6020B
	Lead-208	50.000	48.3	96.5	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.3	96.5	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCV5	Manganese-55	50.000	49.3	98.7	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.3	98.7	ug/L	EPA 6020B
SJF0364-CCV6	Aluminum-27	5000.0	4980	99.5	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4980	99.5	ug/L	EPA 6020B
	Lead-208	50.000	48.4	96.8	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.4	96.8	ug/L	EPA 6020B
	Manganese-55	50.000	49.7	99.4	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.7	99.4	ug/L	EPA 6020B
SJF0364-CCV7	Aluminum-27	5000.0	4940	98.9	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4940	98.9	ug/L	EPA 6020B
	Lead-208	50.000	47.8	95.7	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	47.8	95.7	ug/L	EPA 6020B
	Manganese-55	50.000	49.3	98.6	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.3	98.6	ug/L	EPA 6020B
SJF0364-CCV8	Aluminum-27	5000.0	4990	99.8	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4990	99.8	ug/L	EPA 6020B
	Lead-208	50.000	47.7	95.3	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	47.7	95.3	ug/L	EPA 6020B
	Manganese-55	50.000	50.9	102	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.9	102	ug/L	EPA 6020B
SJF0364-CCV9	Aluminum-27	5000.0	4970	99.3	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4970	99.3	ug/L	EPA 6020B
	Lead-208	50.000	47.8	95.6	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	47.8	95.6	ug/L	EPA 6020B
	Manganese-55	50.000	50.0	100	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.0	100	ug/L	EPA 6020B
SJF0364-CCVA	Aluminum-27	5000.0	4800	96.1	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4800	96.1	ug/L	EPA 6020B
	Lead-208	50.000	48.1	96.1	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.1	96.1	ug/L	EPA 6020B
	Manganese-55	50.000	51.0	102	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	51.0	102	ug/L	EPA 6020B
SJF0364-CCVB	Aluminum-27	5000.0	4670	93.4	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4670	93.4	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCVB	Lead-208	50.000	47.5	95.0	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	47.5	95.0	ug/L	EPA 6020B
	Manganese-55	50.000	50.6	101	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.6	101	ug/L	EPA 6020B
SJF0364-CCVC	Aluminum-27	5000.0	4580	91.6	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4580	91.6	ug/L	EPA 6020B
	Lead-208	50.000	48.6	97.2	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	48.6	97.2	ug/L	EPA 6020B
	Manganese-55	50.000	50.8	102	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.8	102	ug/L	EPA 6020B
SJF0364-CCVD	Aluminum-27	5000.0	4790	95.7	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4790	95.7	ug/L	EPA 6020B
	Lead-208	50.000	49.2	98.4	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.2	98.4	ug/L	EPA 6020B
	Manganese-55	50.000	50.2	100	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.2	100	ug/L	EPA 6020B
SJF0364-CCVE	Aluminum-27	5000.0	4930	98.6	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4930	98.6	ug/L	EPA 6020B
	Lead-208	50.000	49.6	99.1	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	49.6	99.1	ug/L	EPA 6020B
	Manganese-55	50.000	50.6	101	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.6	101	ug/L	EPA 6020B
SJF0364-CCVF	Aluminum-27	5000.0	4980	99.5	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4980	99.5	ug/L	EPA 6020B
	Lead-208	50.000	50.2	100	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	50.2	100	ug/L	EPA 6020B
	Manganese-55	50.000	47.5	94.9	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	47.5	94.9	ug/L	EPA 6020B
SJF0364-CCVG	Aluminum-27	5000.0	4840	96.7	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4840	96.7	ug/L	EPA 6020B
	Lead-208	50.000	50.3	101	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	50.3	101	ug/L	EPA 6020B
	Manganese-55	50.000	47.3	94.7	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	47.3	94.7	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCVH	Aluminum-27	5000.0	4750	94.9	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4750	94.9	ug/L	EPA 6020B
	Lead-208	50.000	50.9	102	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	50.9	102	ug/L	EPA 6020B
	Manganese-55	50.000	45.8	91.6	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	45.8	91.6	ug/L	EPA 6020B

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00076
Control Limt: +/- 10.00%
Sequence: SJF0378

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0378-ICV1	Lead-208	50.000	49.4	98.8	ug/L	EPA 6020B
	Manganese-55	50.000	49.9	99.7	ug/L	EPA 6020B
SJF0378-CCV1	Lead-208	50.000	50.7	101	ug/L	EPA 6020B
	Manganese-55	50.000	51.4	103	ug/L	EPA 6020B
SJF0378-CCV2	Lead-208	50.000	49.8	99.7	ug/L	EPA 6020B
	Manganese-55	50.000	51.8	104	ug/L	EPA 6020B
SJF0378-CCV3	Lead-208	50.000	50.7	101	ug/L	EPA 6020B
	Manganese-55	50.000	52.2	104	ug/L	EPA 6020B
SJF0378-CCV4	Lead-208	50.000	50.8	102	ug/L	EPA 6020B
	Manganese-55	50.000	51.6	103	ug/L	EPA 6020B
SJF0378-CCV5	Lead-208	50.000	51.1	102	ug/L	EPA 6020B
	Manganese-55	50.000	52.2	104	ug/L	EPA 6020B
SJF0378-CCV6	Lead-208	50.000	50.7	101	ug/L	EPA 6020B
	Manganese-55	50.000	53.3	107	ug/L	EPA 6020B
SJF0378-CCV7	Lead-208	50.000	50.1	100	ug/L	EPA 6020B
	Manganese-55	50.000	51.6	103	ug/L	EPA 6020B
SJF0378-CCV8	Lead-208	50.000	50.3	101	ug/L	EPA 6020B
	Manganese-55	50.000	52.0	104	ug/L	EPA 6020B

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-ICV1	Aluminum-27 (dissolved)	5000.0	4810	96.2	ug/L	EPA 6020B
	Calcium-44	5000.0	4720	94.5	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4720	94.5	ug/L	EPA 6020B
	Iron-54	5000.0	4830	96.5	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4830	96.5	ug/L	EPA 6020B
	Iron-57	5000.0	4790	95.9	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4790	95.9	ug/L	EPA 6020B
	Lead-208	50.000	51.2	102	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	51.2	102	ug/L	EPA 6020B
	Magnesium-24	5000.0	4770	95.4	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4770	95.4	ug/L	EPA 6020B
	Manganese-55	50.000	49.2	98.3	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.2	98.3	ug/L	EPA 6020B
	Potassium-39	5000.0	4760	95.2	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4760	95.2	ug/L	EPA 6020B
	Sodium-23	5000.0	4790	95.9	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4790	95.9	ug/L	EPA 6020B
SJF0401-CCV1	Aluminum-27 (dissolved)	5000.0	4920	98.3	ug/L	EPA 6020B
	Calcium-44	5000.0	4890	97.8	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4890	97.8	ug/L	EPA 6020B
	Iron-54	5000.0	4940	98.7	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4940	98.7	ug/L	EPA 6020B
	Iron-57	5000.0	4890	97.7	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4890	97.7	ug/L	EPA 6020B
	Lead-208	50.000	51.5	103	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	51.5	103	ug/L	EPA 6020B
	Magnesium-24	5000.0	4920	98.4	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4920	98.4	ug/L	EPA 6020B
	Manganese-55	50.000	49.4	98.8	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.4	98.8	ug/L	EPA 6020B
	Potassium-39	5000.0	4900	98.0	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4900	98.0	ug/L	EPA 6020B
	Sodium-23	5000.0	4960	99.2	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4960	99.2	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-CCV2	Aluminum-27 (dissolved)	5000.0	4610	92.2	ug/L	EPA 6020B
	Calcium-44	5000.0	4890	97.7	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4890	97.7	ug/L	EPA 6020B
	Iron-54	5000.0	4880	97.5	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4880	97.5	ug/L	EPA 6020B
	Iron-57	5000.0	5010	100	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5010	100	ug/L	EPA 6020B
	Lead-208	50.000	52.1	104	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	52.1	104	ug/L	EPA 6020B
	Magnesium-24	5000.0	4650	93.0	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4650	93.0	ug/L	EPA 6020B
	Manganese-55	50.000	47.9	95.9	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	47.9	95.9	ug/L	EPA 6020B
	Potassium-39	5000.0	4760	95.2	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4760	95.2	ug/L	EPA 6020B
	Sodium-23	5000.0	4590	91.8	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4590	91.8	ug/L	EPA 6020B
SJF0401-CCV3	Aluminum-27 (dissolved)	5000.0	4780	95.5	ug/L	EPA 6020B
	Calcium-44	5000.0	4810	96.2	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4810	96.2	ug/L	EPA 6020B
	Iron-54	5000.0	4910	98.1	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4910	98.1	ug/L	EPA 6020B
	Iron-57	5000.0	5060	101	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
	Lead-208	50.000	52.1	104	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	52.1	104	ug/L	EPA 6020B
	Magnesium-24	5000.0	4790	95.9	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4790	95.9	ug/L	EPA 6020B
	Manganese-55	50.000	48.5	97.1	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	48.5	97.1	ug/L	EPA 6020B
	Potassium-39	5000.0	4850	97.0	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4850	97.0	ug/L	EPA 6020B
	Sodium-23	5000.0	4740	94.9	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4740	94.9	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-CCV4	Aluminum-27 (dissolved)	5000.0	4510	90.2	ug/L	EPA 6020B
	Calcium-44	5000.0	4920	98.3	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4920	98.3	ug/L	EPA 6020B
	Iron-54	5000.0	4940	98.8	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4940	98.8	ug/L	EPA 6020B
	Iron-57	5000.0	5200	104	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5200	104	ug/L	EPA 6020B
	Lead-208	50.000	52.9	106	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	52.9	106	ug/L	EPA 6020B
	Magnesium-24	5000.0	4580	91.7	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4580	91.7	ug/L	EPA 6020B
	Manganese-55	50.000	48.1	96.2	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	48.1	96.2	ug/L	EPA 6020B
	Potassium-39	5000.0	4880	97.6	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4880	97.6	ug/L	EPA 6020B
	Sodium-23	5000.0	4350	86.9 *	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4350	86.9 *	ug/L	EPA 6020B
SJF0401-CCV5	Aluminum-27 (dissolved)	5000.0	4610	92.3	ug/L	EPA 6020B
	Calcium-44	5000.0	4910	98.1	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4910	98.1	ug/L	EPA 6020B
	Iron-54	5000.0	4920	98.3	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4920	98.3	ug/L	EPA 6020B
	Iron-57	5000.0	5150	103	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5150	103	ug/L	EPA 6020B
	Lead-208	50.000	52.8	106	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	52.8	106	ug/L	EPA 6020B
	Magnesium-24	5000.0	4680	93.6	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4680	93.6	ug/L	EPA 6020B
	Manganese-55	50.000	48.4	96.8	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	48.4	96.8	ug/L	EPA 6020B
	Potassium-39	5000.0	4920	98.4	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4920	98.4	ug/L	EPA 6020B
	Sodium-23	5000.0	4420	88.4 *	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4420	88.4 *	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
SJF0401-CCV6	Aluminum-27 (dissolved)	5000.0	3970	79.4	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4410	88.2		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4410	88.2	*	ug/L	EPA 6020B
	Iron-54	5000.0	4420	88.5	*	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4420	88.5	*	ug/L	EPA 6020B
	Iron-57	5000.0	4750	95.0		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4750	95.0		ug/L	EPA 6020B
	Lead-208	50.000	53.6	107		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	53.6	107		ug/L	EPA 6020B
	Magnesium-24	5000.0	4080	81.6	*	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4080	81.6	*	ug/L	EPA 6020B
	Manganese-55	50.000	44.8	89.6	*	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	44.8	89.6	*	ug/L	EPA 6020B
	Potassium-39	5000.0	3960	79.2	*	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	3960	79.2	*	ug/L	EPA 6020B
	Sodium-23	5000.0	3880	77.6	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	3880	77.6	*	ug/L	EPA 6020B
SJF0401-CCV7	Aluminum-27 (dissolved)	5000.0	4310	86.1	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4660	93.2		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4660	93.2		ug/L	EPA 6020B
	Iron-54	5000.0	4610	92.2		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4610	92.2		ug/L	EPA 6020B
	Iron-57	5000.0	4880	97.6		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4880	97.6		ug/L	EPA 6020B
	Lead-208	50.000	53.0	106		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	53.0	106		ug/L	EPA 6020B
	Magnesium-24	5000.0	4350	87.0	*	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4350	87.0	*	ug/L	EPA 6020B
	Manganese-55	50.000	45.7	91.4		ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	45.7	91.4		ug/L	EPA 6020B
	Potassium-39	5000.0	4640	92.7		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4640	92.7		ug/L	EPA 6020B
	Sodium-23	5000.0	4190	83.8	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4190	83.8	*	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
SJF0401-CCV8	Aluminum-27 (dissolved)	5000.0	4370	87.3	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4760	95.2		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4760	95.2		ug/L	EPA 6020B
	Iron-54	5000.0	4740	94.8		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4740	94.8		ug/L	EPA 6020B
	Iron-57	5000.0	4950	99.1		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4950	99.1		ug/L	EPA 6020B
	Lead-208	50.000	53.1	106		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	53.1	106		ug/L	EPA 6020B
	Magnesium-24	5000.0	4460	89.1	*	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4460	89.1	*	ug/L	EPA 6020B
	Manganese-55	50.000	46.3	92.7		ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	46.3	92.7		ug/L	EPA 6020B
	Potassium-39	5000.0	4930	98.6		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4930	98.6		ug/L	EPA 6020B
	Sodium-23	5000.0	4210	84.2	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4210	84.2	*	ug/L	EPA 6020B
SJF0401-CCV9	Aluminum-27 (dissolved)	5000.0	4310	86.1	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4760	95.2		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4760	95.2		ug/L	EPA 6020B
	Iron-54	5000.0	4690	93.9		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4690	93.9		ug/L	EPA 6020B
	Iron-57	5000.0	5020	100		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5020	100		ug/L	EPA 6020B
	Lead-208	50.000	52.6	105		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	52.6	105		ug/L	EPA 6020B
	Magnesium-24	5000.0	4310	86.2	*	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4310	86.2	*	ug/L	EPA 6020B
	Manganese-55	50.000	45.6	91.2		ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	45.6	91.2		ug/L	EPA 6020B
	Potassium-39	5000.0	4850	97.1		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4850	97.1		ug/L	EPA 6020B
	Sodium-23	5000.0	4050	80.9	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4050	80.9	*	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
SJF0401-CCVA	Aluminum-27 (dissolved)	5000.0	4410	88.1	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4850	97.1		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4850	97.1		ug/L	EPA 6020B
	Iron-54	5000.0	4690	93.7		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4690	93.7		ug/L	EPA 6020B
	Iron-57	5000.0	5060	101		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5060	101		ug/L	EPA 6020B
	Lead-208	50.000	52.6	105		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	52.6	105		ug/L	EPA 6020B
	Magnesium-24	5000.0	4380	87.6	*	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4380	87.6	*	ug/L	EPA 6020B
	Manganese-55	50.000	45.7	91.3		ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	45.7	91.3		ug/L	EPA 6020B
	Potassium-39	5000.0	4980	99.6		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4980	99.6		ug/L	EPA 6020B
	Sodium-23	5000.0	4050	81.1	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4050	81.1	*	ug/L	EPA 6020B
SJF0401-CCVB	Aluminum-27 (dissolved)	5000.0	4420	88.4	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4920	98.3		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4920	98.3		ug/L	EPA 6020B
	Iron-54	5000.0	4740	94.8		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4740	94.8		ug/L	EPA 6020B
	Iron-57	5000.0	5070	101		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5070	101		ug/L	EPA 6020B
	Lead-208	50.000	52.9	106		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	52.9	106		ug/L	EPA 6020B
	Magnesium-24	5000.0	4460	89.2	*	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4460	89.2	*	ug/L	EPA 6020B
	Manganese-55	50.000	46.2	92.4		ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	46.2	92.4		ug/L	EPA 6020B
	Potassium-39	5000.0	5210	104		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	5210	104		ug/L	EPA 6020B
	Sodium-23	5000.0	4150	82.9	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4150	82.9	*	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
SJF0401-CCVC	Aluminum-27 (dissolved)	5000.0	4710	94.1		ug/L	EPA 6020B
	Calcium-44	5000.0	4750	95.1		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4750	95.1		ug/L	EPA 6020B
	Iron-54	5000.0	4600	91.9		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4600	91.9		ug/L	EPA 6020B
	Iron-57	5000.0	4810	96.3		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4810	96.3		ug/L	EPA 6020B
	Lead-208	50.000	54.3	109		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	54.3	109		ug/L	EPA 6020B
	Magnesium-24	5000.0	4630	92.6		ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4630	92.6		ug/L	EPA 6020B
	Manganese-55	50.000	45.3	90.5		ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	45.3	90.5		ug/L	EPA 6020B
	Potassium-39	5000.0	5040	101		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	5040	101		ug/L	EPA 6020B
	Sodium-23	5000.0	4400	88.1	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4400	88.1	*	ug/L	EPA 6020B
SJF0401-CCVD	Aluminum-27 (dissolved)	5000.0	4460	89.2	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4780	95.5		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4780	95.5		ug/L	EPA 6020B
	Iron-54	5000.0	4600	92.0		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4600	92.0		ug/L	EPA 6020B
	Iron-57	5000.0	4880	97.7		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4880	97.7		ug/L	EPA 6020B
	Lead-208	50.000	54.8	110		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	54.8	110		ug/L	EPA 6020B
	Magnesium-24	5000.0	4480	89.5	*	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4480	89.5	*	ug/L	EPA 6020B
	Manganese-55	50.000	44.2	88.5	*	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	44.2	88.5	*	ug/L	EPA 6020B
	Potassium-39	5000.0	4980	99.6		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4980	99.6		ug/L	EPA 6020B
	Sodium-23	5000.0	4190	83.8	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4190	83.8	*	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
SJF0401-CCVE	Aluminum-27 (dissolved)	5000.0	4380	87.7	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4730	94.7		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4730	94.7		ug/L	EPA 6020B
	Iron-54	5000.0	4670	93.5		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4670	93.5		ug/L	EPA 6020B
	Iron-57	5000.0	5080	102		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5080	102		ug/L	EPA 6020B
	Lead-208	50.000	56.7	113	*	ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	56.7	113	*	ug/L	EPA 6020B
	Magnesium-24	5000.0	4490	89.8	*	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4490	89.8	*	ug/L	EPA 6020B
	Manganese-55	50.000	44.9	89.9	*	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	44.9	89.9	*	ug/L	EPA 6020B
	Potassium-39	5000.0	4810	96.2		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4810	96.2		ug/L	EPA 6020B
	Sodium-23	5000.0	4120	82.3	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4120	82.3	*	ug/L	EPA 6020B
SJF0401-CCVF	Aluminum-27 (dissolved)	5000.0	4280	85.5	*	ug/L	EPA 6020B
	Calcium-44	5000.0	4700	94.0		ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4700	94.0		ug/L	EPA 6020B
	Iron-54	5000.0	4580	91.6		ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4580	91.6		ug/L	EPA 6020B
	Iron-57	5000.0	4900	98.0		ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4900	98.0		ug/L	EPA 6020B
	Lead-208	50.000	55.2	110		ug/L	EPA 6020B
	Lead-208 (dissolved)	50.000	55.2	110		ug/L	EPA 6020B
	Magnesium-24	5000.0	4520	90.4		ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4520	90.4		ug/L	EPA 6020B
	Manganese-55	50.000	44.8	89.6	*	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	44.8	89.6	*	ug/L	EPA 6020B
	Potassium-39	5000.0	4750	95.1		ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4750	95.1		ug/L	EPA 6020B
	Sodium-23	5000.0	4130	82.7	*	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4130	82.7	*	ug/L	EPA 6020B

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00082
Control Limt: +/- 10.00%
Sequence: SJF0402

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0402-ICV1	Manganese-55	50.000	49.1	98.1	ug/L	EPA 6020B
SJF0402-CCV1	Manganese-55	50.000	50.2	100	ug/L	EPA 6020B
SJF0402-CCV2	Manganese-55	50.000	49.1	98.3	ug/L	EPA 6020B
SJF0402-CCV3	Manganese-55	50.000	49.6	99.2	ug/L	EPA 6020B
SJF0402-CCV4	Manganese-55	50.000	49.2	98.4	ug/L	EPA 6020B
SJF0402-CCV5	Manganese-55	50.000	49.7	99.5	ug/L	EPA 6020B
SJF0402-CCV6	Manganese-55	50.000	50.6	101	ug/L	EPA 6020B
SJF0402-CCV7	Manganese-55	50.000	50.4	101	ug/L	EPA 6020B
SJF0402-CCV8	Manganese-55	50.000	51.1	102	ug/L	EPA 6020B
SJF0402-CCV9	Manganese-55	50.000	50.8	102	ug/L	EPA 6020B
SJF0402-CCVA	Manganese-55	50.000	51.6	103	ug/L	EPA 6020B
SJF0402-CCVB	Manganese-55	50.000	52.1	104	ug/L	EPA 6020B
SJF0402-CCVC	Manganese-55	50.000	51.4	103	ug/L	EPA 6020B
SJF0402-CCVD	Manganese-55	50.000	51.5	103	ug/L	EPA 6020B
SJF0402-CCVE	Manganese-55	50.000	52.2	104	ug/L	EPA 6020B
SJF0402-CCVF	Manganese-55	50.000	51.7	103	ug/L	EPA 6020B
SJF0402-CCVG	Manganese-55	50.000	51.8	104	ug/L	EPA 6020B

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-ICV1	Aluminum-27	5000.0	4830	96.6	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4830	96.6	ug/L	EPA 6020B
	Calcium-44	5000.0	4770	95.3	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4770	95.3	ug/L	EPA 6020B
	Iron-54	5000.0	4850	97.0	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4850	97.0	ug/L	EPA 6020B
	Iron-57	5000.0	4860	97.1	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4860	97.1	ug/L	EPA 6020B
	Magnesium-24	5000.0	4880	97.6	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4880	97.6	ug/L	EPA 6020B
	Manganese-55	50.000	48.7	97.4	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	48.7	97.4	ug/L	EPA 6020B
	Potassium-39	5000.0	4740	94.8	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4740	94.8	ug/L	EPA 6020B
	Sodium-23	5000.0	4730	94.5	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4730	94.5	ug/L	EPA 6020B
SJG0200-CCV1	Aluminum-27	5000.0	4920	98.4	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4920	98.4	ug/L	EPA 6020B
	Calcium-44	5000.0	4960	99.2	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4960	99.2	ug/L	EPA 6020B
	Iron-54	5000.0	5000	100	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5000	100	ug/L	EPA 6020B
	Iron-57	5000.0	4920	98.5	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4920	98.5	ug/L	EPA 6020B
	Magnesium-24	5000.0	4940	98.7	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	4940	98.7	ug/L	EPA 6020B
	Manganese-55	50.000	50.4	101	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.4	101	ug/L	EPA 6020B
	Potassium-39	5000.0	4930	98.7	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4930	98.7	ug/L	EPA 6020B
	Sodium-23	5000.0	4960	99.1	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4960	99.1	ug/L	EPA 6020B
SJG0200-CCV2	Aluminum-27	5000.0	4880	97.6	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4880	97.6	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCV2	Calcium-44	5000.0	4990	99.8	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4990	99.8	ug/L	EPA 6020B
	Iron-54	5000.0	5020	100	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5020	100	ug/L	EPA 6020B
	Iron-57	5000.0	4950	99.0	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4950	99.0	ug/L	EPA 6020B
	Magnesium-24	5000.0	5140	103	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5140	103	ug/L	EPA 6020B
	Manganese-55	50.000	50.4	101	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.4	101	ug/L	EPA 6020B
	Potassium-39	5000.0	4920	98.4	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4920	98.4	ug/L	EPA 6020B
	Sodium-23	5000.0	5000	100	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5000	100	ug/L	EPA 6020B
SJG0200-CCV3	Aluminum-27	5000.0	4910	98.2	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4910	98.2	ug/L	EPA 6020B
	Calcium-44	5000.0	4930	98.6	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4930	98.6	ug/L	EPA 6020B
	Iron-54	5000.0	5050	101	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5050	101	ug/L	EPA 6020B
	Iron-57	5000.0	4910	98.3	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4910	98.3	ug/L	EPA 6020B
	Magnesium-24	5000.0	5110	102	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5110	102	ug/L	EPA 6020B
	Manganese-55	50.000	49.7	99.4	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.7	99.4	ug/L	EPA 6020B
	Potassium-39	5000.0	4860	97.2	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4860	97.2	ug/L	EPA 6020B
	Sodium-23	5000.0	4970	99.4	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4970	99.4	ug/L	EPA 6020B
SJG0200-CCV4	Aluminum-27	5000.0	4950	99.0	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4950	99.0	ug/L	EPA 6020B
	Calcium-44	5000.0	4870	97.3	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4870	97.3	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCV4	Iron-54	5000.0	5000	100	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5000	100	ug/L	EPA 6020B
	Iron-57	5000.0	4940	98.9	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4940	98.9	ug/L	EPA 6020B
	Magnesium-24	5000.0	5180	104	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5180	104	ug/L	EPA 6020B
	Manganese-55	50.000	50.4	101	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.4	101	ug/L	EPA 6020B
	Potassium-39	5000.0	4880	97.5	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4880	97.5	ug/L	EPA 6020B
	Sodium-23	5000.0	4950	99.1	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4950	99.1	ug/L	EPA 6020B
SJG0200-CCV5	Aluminum-27	5000.0	5030	101	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
	Calcium-44	5000.0	4890	97.8	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4890	97.8	ug/L	EPA 6020B
	Iron-54	5000.0	4980	99.5	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4980	99.5	ug/L	EPA 6020B
	Iron-57	5000.0	4910	98.1	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4910	98.1	ug/L	EPA 6020B
	Magnesium-24	5000.0	5170	103	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5170	103	ug/L	EPA 6020B
	Manganese-55	50.000	49.9	99.8	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.9	99.8	ug/L	EPA 6020B
	Potassium-39	5000.0	4840	96.8	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4840	96.8	ug/L	EPA 6020B
	Sodium-23	5000.0	4980	99.6	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4980	99.6	ug/L	EPA 6020B
SJG0200-CCV6	Aluminum-27	5000.0	5130	103	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5130	103	ug/L	EPA 6020B
	Calcium-44	5000.0	5130	103	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	5130	103	ug/L	EPA 6020B
	Iron-54	5000.0	5080	102	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5080	102	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCV6	Iron-57	5000.0	5010	100	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5010	100	ug/L	EPA 6020B
	Magnesium-24	5000.0	5290	106	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5290	106	ug/L	EPA 6020B
	Manganese-55	50.000	50.0	99.9	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.0	99.9	ug/L	EPA 6020B
	Potassium-39	5000.0	4830	96.6	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4830	96.6	ug/L	EPA 6020B
	Sodium-23	5000.0	5040	101	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5040	101	ug/L	EPA 6020B
SJG0200-CCV7	Aluminum-27	5000.0	5130	103	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5130	103	ug/L	EPA 6020B
	Calcium-44	5000.0	4970	99.3	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4970	99.3	ug/L	EPA 6020B
	Iron-54	5000.0	5030	101	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
	Iron-57	5000.0	5000	100	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5000	100	ug/L	EPA 6020B
	Magnesium-24	5000.0	5270	105	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5270	105	ug/L	EPA 6020B
	Manganese-55	50.000	49.5	99.0	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.5	99.0	ug/L	EPA 6020B
	Potassium-39	5000.0	4820	96.5	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4820	96.5	ug/L	EPA 6020B
	Sodium-23	5000.0	5060	101	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
SJG0200-CCV8	Aluminum-27	5000.0	5060	101	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
	Calcium-44	5000.0	5060	101	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
	Iron-54	5000.0	5020	100	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5020	100	ug/L	EPA 6020B
	Iron-57	5000.0	5010	100	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5010	100	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCV8	Magnesium-24	5000.0	5290	106	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5290	106	ug/L	EPA 6020B
	Manganese-55	50.000	50.2	100	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.2	100	ug/L	EPA 6020B
	Potassium-39	5000.0	4810	96.1	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4810	96.1	ug/L	EPA 6020B
	Sodium-23	5000.0	5030	101	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
SJG0200-CCV9	Aluminum-27	5000.0	5120	102	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5120	102	ug/L	EPA 6020B
	Calcium-44	5000.0	4990	99.7	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4990	99.7	ug/L	EPA 6020B
	Iron-54	5000.0	5010	100	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5010	100	ug/L	EPA 6020B
	Iron-57	5000.0	4960	99.1	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4960	99.1	ug/L	EPA 6020B
	Magnesium-24	5000.0	5210	104	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5210	104	ug/L	EPA 6020B
	Manganese-55	50.000	49.6	99.3	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.6	99.3	ug/L	EPA 6020B
	Potassium-39	5000.0	4780	95.6	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4780	95.6	ug/L	EPA 6020B
	Sodium-23	5000.0	5060	101	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
SJG0200-CCVA	Aluminum-27	5000.0	5020	100	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5020	100	ug/L	EPA 6020B
	Calcium-44	5000.0	4950	98.9	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4950	98.9	ug/L	EPA 6020B
	Iron-54	5000.0	5030	101	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
	Iron-57	5000.0	4950	99.1	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4950	99.1	ug/L	EPA 6020B
	Magnesium-24	5000.0	5200	104	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5200	104	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCVA	Manganese-55	50.000	49.4	98.7	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.4	98.7	ug/L	EPA 6020B
	Potassium-39	5000.0	4830	96.7	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4830	96.7	ug/L	EPA 6020B
	Sodium-23	5000.0	5030	101	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
SJG0200-CCVB	Aluminum-27	5000.0	5080	102	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5080	102	ug/L	EPA 6020B
	Calcium-44	5000.0	5060	101	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
	Iron-54	5000.0	4960	99.1	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4960	99.1	ug/L	EPA 6020B
	Iron-57	5000.0	4900	97.9	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4900	97.9	ug/L	EPA 6020B
	Magnesium-24	5000.0	5300	106	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5300	106	ug/L	EPA 6020B
	Manganese-55	50.000	49.6	99.2	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.6	99.2	ug/L	EPA 6020B
	Potassium-39	5000.0	4790	95.8	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4790	95.8	ug/L	EPA 6020B
	Sodium-23	5000.0	5040	101	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5040	101	ug/L	EPA 6020B
SJG0200-CCVC	Aluminum-27	5000.0	5250	105	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5250	105	ug/L	EPA 6020B
	Calcium-44	5000.0	5060	101	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
	Iron-54	5000.0	5060	101	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
	Iron-57	5000.0	5030	101	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
	Magnesium-24	5000.0	5260	105	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5260	105	ug/L	EPA 6020B
	Manganese-55	50.000	50.4	101	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.4	101	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCVC	Potassium-39	5000.0	4880	97.5	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4880	97.5	ug/L	EPA 6020B
	Sodium-23	5000.0	5130	103	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5130	103	ug/L	EPA 6020B
SJG0200-CCVD	Aluminum-27	5000.0	5140	103	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5140	103	ug/L	EPA 6020B
	Calcium-44	5000.0	5000	100	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	5000	100	ug/L	EPA 6020B
	Iron-54	5000.0	5060	101	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5060	101	ug/L	EPA 6020B
	Iron-57	5000.0	5020	100	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5020	100	ug/L	EPA 6020B
	Magnesium-24	5000.0	5260	105	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5260	105	ug/L	EPA 6020B
	Manganese-55	50.000	50.2	100	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.2	100	ug/L	EPA 6020B
	Potassium-39	5000.0	4930	98.6	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4930	98.6	ug/L	EPA 6020B
	Sodium-23	5000.0	5090	102	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5090	102	ug/L	EPA 6020B
SJG0200-CCVE	Aluminum-27	5000.0	5120	102	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5120	102	ug/L	EPA 6020B
	Calcium-44	5000.0	5030	101	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
	Iron-54	5000.0	5010	100	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5010	100	ug/L	EPA 6020B
	Iron-57	5000.0	4970	99.3	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4970	99.3	ug/L	EPA 6020B
	Magnesium-24	5000.0	5170	103	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5170	103	ug/L	EPA 6020B
	Manganese-55	50.000	49.9	99.8	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.9	99.8	ug/L	EPA 6020B
	Potassium-39	5000.0	4860	97.3	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4860	97.3	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCVE	Sodium-23	5000.0	5030	101	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
SJG0200-CCVF	Aluminum-27	5000.0	5010	100	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5010	100	ug/L	EPA 6020B
	Calcium-44	5000.0	4900	98.1	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4900	98.1	ug/L	EPA 6020B
	Iron-54	5000.0	5030	101	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5030	101	ug/L	EPA 6020B
	Iron-57	5000.0	5010	100	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	5010	100	ug/L	EPA 6020B
	Magnesium-24	5000.0	5140	103	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5140	103	ug/L	EPA 6020B
	Manganese-55	50.000	50.0	100	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.0	100	ug/L	EPA 6020B
	Potassium-39	5000.0	4900	98.1	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4900	98.1	ug/L	EPA 6020B
	Sodium-23	5000.0	4950	99.1	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	4950	99.1	ug/L	EPA 6020B
SJG0200-CCVG	Aluminum-27	5000.0	5070	101	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5070	101	ug/L	EPA 6020B
	Calcium-44	5000.0	4990	99.8	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4990	99.8	ug/L	EPA 6020B
	Iron-54	5000.0	5010	100	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5010	100	ug/L	EPA 6020B
	Iron-57	5000.0	4980	99.6	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4980	99.6	ug/L	EPA 6020B
	Magnesium-24	5000.0	5340	107	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5340	107	ug/L	EPA 6020B
	Manganese-55	50.000	50.0	100	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	50.0	100	ug/L	EPA 6020B
	Potassium-39	5000.0	4850	97.0	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4850	97.0	ug/L	EPA 6020B
	Sodium-23	5000.0	5080	102	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5080	102	ug/L	EPA 6020B

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCVH	Aluminum-27	5000.0	4990	99.7	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	4990	99.7	ug/L	EPA 6020B
	Calcium-44	5000.0	4940	98.8	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4940	98.8	ug/L	EPA 6020B
	Iron-54	5000.0	5000	100	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	5000	100	ug/L	EPA 6020B
	Iron-57	5000.0	4870	97.5	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4870	97.5	ug/L	EPA 6020B
	Magnesium-24	5000.0	5180	104	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5180	104	ug/L	EPA 6020B
	Manganese-55	50.000	48.9	97.8	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	48.9	97.8	ug/L	EPA 6020B
	Potassium-39	5000.0	4880	97.6	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4880	97.6	ug/L	EPA 6020B
	Sodium-23	5000.0	5020	100	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5020	100	ug/L	EPA 6020B
SJG0200-CCVI	Aluminum-27	5000.0	5000	100	ug/L	EPA 6020B
	Aluminum-27 (dissolved)	5000.0	5000	100	ug/L	EPA 6020B
	Calcium-44	5000.0	4710	94.2	ug/L	EPA 6020B
	Calcium-44 (dissolved)	5000.0	4710	94.2	ug/L	EPA 6020B
	Iron-54	5000.0	4920	98.3	ug/L	EPA 6020B
	Iron-54 (dissolved)	5000.0	4920	98.3	ug/L	EPA 6020B
	Iron-57	5000.0	4820	96.3	ug/L	EPA 6020B
	Iron-57 (dissolved)	5000.0	4820	96.3	ug/L	EPA 6020B
	Magnesium-24	5000.0	5050	101	ug/L	EPA 6020B
	Magnesium-24 (dissolved)	5000.0	5050	101	ug/L	EPA 6020B
	Manganese-55	50.000	49.2	98.5	ug/L	EPA 6020B
	Manganese-55 (dissolved)	50.000	49.2	98.5	ug/L	EPA 6020B
	Potassium-39	5000.0	4940	98.7	ug/L	EPA 6020B
	Potassium-39 (dissolved)	5000.0	4940	98.7	ug/L	EPA 6020B
	Sodium-23	5000.0	5040	101	ug/L	EPA 6020B
	Sodium-23 (dissolved)	5000.0	5040	101	ug/L	EPA 6020B

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00053
Control Limt: +/- 10.00%
Sequence: SJG0240

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0240-ICV1	Calcium-44 (dissolved)	5000.0	4990	99.9	ug/L	EPA 6020B
SJG0240-CCV1	Calcium-44 (dissolved)	5000.0	4970	99.4	ug/L	EPA 6020B
SJG0240-CCV2	Calcium-44 (dissolved)	5000.0	4950	99.1	ug/L	EPA 6020B
SJG0240-CCV3	Calcium-44 (dissolved)	5000.0	5260	105	ug/L	EPA 6020B
SJG0240-CCV4	Calcium-44 (dissolved)	5000.0	5130	103	ug/L	EPA 6020B
SJG0240-CCV5	Calcium-44 (dissolved)	5000.0	5340	107	ug/L	EPA 6020B
SJG0240-CCV6	Calcium-44 (dissolved)	5000.0	5120	102	ug/L	EPA 6020B
SJG0240-CCV7	Calcium-44 (dissolved)	5000.0	5220	104	ug/L	EPA 6020B
SJG0240-CCV8	Calcium-44 (dissolved)	5000.0	5460	109	ug/L	EPA 6020B
SJG0240-CCV9	Calcium-44 (dissolved)	5000.0	5410	108	ug/L	EPA 6020B
SJG0240-CCVA	Calcium-44 (dissolved)	5000.0	5330	107	ug/L	EPA 6020B
SJG0240-CCVB	Calcium-44 (dissolved)	5000.0	5350	107	ug/L	EPA 6020B
SJG0240-CCVC	Calcium-44 (dissolved)	5000.0	5390	108	ug/L	EPA 6020B
SJG0240-CCVD	Calcium-44 (dissolved)	5000.0	5310	106	ug/L	EPA 6020B
SJG0240-CCVE	Calcium-44 (dissolved)	5000.0	5230	105	ug/L	EPA 6020B

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00056
Control Limt: +/- 10.00%
Sequence: SJG0243

Lab Sample ID	Analyte	True	Found	%R		Units	Method
SJG0243-ICV1	Manganese-55 (dissolved)	50.000	50.0	100		ug/L	EPA 6020B
SJG0243-CCV1	Manganese-55 (dissolved)	50.000	48.7	97.5		ug/L	EPA 6020B
SJG0243-CCV2	Manganese-55 (dissolved)	50.000	49.8	99.7		ug/L	EPA 6020B
SJG0243-CCV3	Manganese-55 (dissolved)	50.000	50.5	101		ug/L	EPA 6020B
SJG0243-CCV4	Manganese-55 (dissolved)	50.000	51.5	103		ug/L	EPA 6020B
SJG0243-CCV5	Manganese-55 (dissolved)	50.000	50.5	101		ug/L	EPA 6020B
SJG0243-CCV6	Manganese-55 (dissolved)	50.000	55.3	111	*	ug/L	EPA 6020B
SJG0243-CCV7	Manganese-55 (dissolved)	50.000	56.1	112	*	ug/L	EPA 6020B
SJG0243-CCV8	Manganese-55 (dissolved)	50.000	55.7	111	*	ug/L	EPA 6020B
SJG0243-CCV9	Manganese-55 (dissolved)	50.000	51.0	102		ug/L	EPA 6020B
SJG0243-CCVA	Manganese-55 (dissolved)	50.000	54.8	110		ug/L	EPA 6020B
SJG0243-CCVB	Manganese-55 (dissolved)	50.000	57.0	114	*	ug/L	EPA 6020B
SJG0243-CCVC	Manganese-55 (dissolved)	50.000	55.7	111	*	ug/L	EPA 6020B
SJG0243-CCVD	Manganese-55 (dissolved)	50.000	56.7	113	*	ug/L	EPA 6020B
SJG0243-CCVE	Manganese-55 (dissolved)	50.000	56.3	113	*	ug/L	EPA 6020B
SJG0243-CCVF	Manganese-55 (dissolved)	50.000	56.9	114	*	ug/L	EPA 6020B
SJG0243-CCVG	Manganese-55 (dissolved)	50.000	57.5	115	*	ug/L	EPA 6020B

* Values outside of QC limits

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Date Analyzed: 06/23/21 13:42

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-IBL1	Iron-54 (dissolved)	0.386	18.2	36.0	ug/L	
SJF0318-IBL1	Iron-57 (dissolved)	1.77	6.63	20.0	ug/L	
SJF0318-IBL1	Lead-208 (dissolved)	-0.00900	0.0513	0.100	ug/L	
SJF0318-IBL1	Manganese-55 (dissolved)	-0.00500	0.142	0.500	ug/L	
SJF0318-ICB1	Iron-54 (dissolved)	-0.111	18.2	36.0	ug/L	
SJF0318-ICB1	Iron-57 (dissolved)	2.15	6.63	20.0	ug/L	
SJF0318-ICB1	Lead-208 (dissolved)	-0.00900	0.0513	0.100	ug/L	
SJF0318-ICB1	Manganese-55 (dissolved)	-0.00600	0.142	0.500	ug/L	
SJF0318-CCB1	Iron-54 (dissolved)	-0.240	18.2	36.0	ug/L	
SJF0318-CCB1	Iron-57 (dissolved)	2.28	6.63	20.0	ug/L	
SJF0318-CCB1	Lead-208 (dissolved)	-0.00900	0.0513	0.100	ug/L	
SJF0318-CCB1	Manganese-55 (dissolved)	-0.00600	0.142	0.500	ug/L	
SJF0318-IBL2	Iron-54 (dissolved)	1.50	18.2	36.0	ug/L	
SJF0318-IBL2	Iron-57 (dissolved)	1.39	6.63	20.0	ug/L	
SJF0318-IBL2	Lead-208 (dissolved)	-0.00600	0.0513	0.100	ug/L	
SJF0318-IBL2	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0318-IBL3	Iron-54 (dissolved)	2.75	18.2	36.0	ug/L	
SJF0318-IBL3	Iron-57 (dissolved)	4.66	6.63	20.0	ug/L	
SJF0318-IBL3	Lead-208 (dissolved)	0.0330	0.0513	0.100	ug/L	
SJF0318-IBL3	Manganese-55 (dissolved)	0.0460	0.142	0.500	ug/L	
SJF0318-CCB2	Iron-54 (dissolved)	0.872	18.2	36.0	ug/L	
SJF0318-CCB2	Iron-57 (dissolved)	2.15	6.63	20.0	ug/L	
SJF0318-CCB2	Lead-208 (dissolved)	-0.00600	0.0513	0.100	ug/L	
SJF0318-CCB2	Manganese-55 (dissolved)	-0.00500	0.142	0.500	ug/L	
SJF0318-IBL4	Iron-54 (dissolved)	1.30	18.2	36.0	ug/L	
SJF0318-IBL4	Iron-57 (dissolved)	1.52	6.63	20.0	ug/L	
SJF0318-IBL4	Lead-208 (dissolved)	-0.00700	0.0513	0.100	ug/L	
SJF0318-IBL4	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJF0318-CCB3	Iron-54 (dissolved)	0.728	18.2	36.0	ug/L	
SJF0318-CCB3	Iron-57 (dissolved)	-1.06	6.63	20.0	ug/L	
SJF0318-CCB3	Lead-208 (dissolved)	-0.00700	0.0513	0.100	ug/L	
SJF0318-CCB3	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJF0318-IBL5	Iron-54 (dissolved)	1.02	18.2	36.0	ug/L	
SJF0318-IBL5	Iron-57 (dissolved)	-1.64	6.63	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Date Analyzed: 06/23/21 17:42

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-IBL5	Lead-208 (dissolved)	-0.00600	0.0513	0.100	ug/L	
SJF0318-IBL5	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	
SJF0318-CCB4	Iron-54 (dissolved)	1.29	18.2	36.0	ug/L	
SJF0318-CCB4	Iron-57 (dissolved)	0.293	6.63	20.0	ug/L	
SJF0318-CCB4	Lead-208 (dissolved)	-0.00100	0.0513	0.100	ug/L	
SJF0318-CCB4	Manganese-55 (dissolved)	0.00400	0.142	0.500	ug/L	
SJF0318-IBL6	Iron-54 (dissolved)	2.15	18.2	36.0	ug/L	
SJF0318-IBL6	Iron-57 (dissolved)	-2.82	6.63	20.0	ug/L	
SJF0318-IBL6	Lead-208 (dissolved)	-0.00500	0.0513	0.100	ug/L	
SJF0318-IBL6	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJF0318-CCB5	Iron-54 (dissolved)	1.23	18.2	36.0	ug/L	
SJF0318-CCB5	Iron-57 (dissolved)	4.27	6.63	20.0	ug/L	
SJF0318-CCB5	Lead-208 (dissolved)	-0.00100	0.0513	0.100	ug/L	
SJF0318-CCB5	Manganese-55 (dissolved)	0.00500	0.142	0.500	ug/L	
SJF0318-IBL7	Iron-54 (dissolved)	0.679	18.2	36.0	ug/L	
SJF0318-IBL7	Iron-57 (dissolved)	6.03	6.63	20.0	ug/L	
SJF0318-IBL7	Lead-208 (dissolved)	-0.00500	0.0513	0.100	ug/L	
SJF0318-IBL7	Manganese-55 (dissolved)	0.00800	0.142	0.500	ug/L	
SJF0318-CCB6	Iron-54 (dissolved)	0.624	18.2	36.0	ug/L	
SJF0318-CCB6	Iron-57 (dissolved)	11.1	6.63	20.0	ug/L	
SJF0318-CCB6	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0318-CCB6	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	
SJF0318-IBL8	Iron-54 (dissolved)	2.05	18.2	36.0	ug/L	
SJF0318-IBL8	Iron-57 (dissolved)	-1.52	6.63	20.0	ug/L	
SJF0318-IBL8	Lead-208 (dissolved)	-0.00400	0.0513	0.100	ug/L	
SJF0318-IBL8	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJF0318-CCB7	Iron-54 (dissolved)	1.29	18.2	36.0	ug/L	
SJF0318-CCB7	Iron-57 (dissolved)	1.61	6.63	20.0	ug/L	
SJF0318-CCB7	Lead-208 (dissolved)	-0.00500	0.0513	0.100	ug/L	
SJF0318-CCB7	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0318-IBL9	Iron-54 (dissolved)	1.61	18.2	36.0	ug/L	
SJF0318-IBL9	Iron-57 (dissolved)	-2.67	6.63	20.0	ug/L	
SJF0318-IBL9	Lead-208 (dissolved)	-0.00800	0.0513	0.100	ug/L	
SJF0318-IBL9	Manganese-55 (dissolved)	-0.00300	0.142	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0318

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00068
Date Analyzed: 06/23/21 23:36

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-CCB8	Iron-54 (dissolved)	1.16	18.2	36.0	ug/L	
SJF0318-CCB8	Iron-57 (dissolved)	1.08	6.63	20.0	ug/L	
SJF0318-CCB8	Lead-208 (dissolved)	-0.0110	0.0513	0.100	ug/L	
SJF0318-CCB8	Manganese-55 (dissolved)	-0.00400	0.142	0.500	ug/L	
SJF0318-CCB9	Iron-54 (dissolved)	1.82	18.2	36.0	ug/L	
SJF0318-CCB9	Iron-57 (dissolved)	2.67	6.63	20.0	ug/L	
SJF0318-CCB9	Lead-208 (dissolved)	0.00300	0.0513	0.100	ug/L	
SJF0318-CCB9	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJF0318-IBLA	Iron-54 (dissolved)	-1.84	18.2	36.0	ug/L	
SJF0318-IBLA	Iron-57 (dissolved)	-4.64	6.63	20.0	ug/L	
SJF0318-IBLA	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0318-IBLA	Manganese-55 (dissolved)	-0.00100	0.142	0.500	ug/L	
SJF0318-CCBA	Iron-54 (dissolved)	-0.884	18.2	36.0	ug/L	
SJF0318-CCBA	Iron-57 (dissolved)	-1.93	6.63	20.0	ug/L	
SJF0318-CCBA	Lead-208 (dissolved)	0.00400	0.0513	0.100	ug/L	
SJF0318-CCBA	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJF0318-IBLB	Iron-54 (dissolved)	-1.82	18.2	36.0	ug/L	
SJF0318-IBLB	Iron-57 (dissolved)	-5.59	6.63	20.0	ug/L	
SJF0318-IBLB	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0318-IBLB	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJF0318-CCBB	Iron-54 (dissolved)	-1.07	18.2	36.0	ug/L	
SJF0318-CCBB	Iron-57 (dissolved)	-3.15	6.63	20.0	ug/L	
SJF0318-CCBB	Lead-208 (dissolved)	0.00300	0.0513	0.100	ug/L	
SJF0318-CCBB	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJF0318-IBLC	Iron-54 (dissolved)	-2.13	18.2	36.0	ug/L	
SJF0318-IBLC	Iron-57 (dissolved)	-1.13	6.63	20.0	ug/L	
SJF0318-IBLC	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0318-IBLC	Manganese-55 (dissolved)	-0.00100	0.142	0.500	ug/L	
SJF0318-CCBC	Iron-54 (dissolved)	-1.93	18.2	36.0	ug/L	
SJF0318-CCBC	Iron-57 (dissolved)	3.29	6.63	20.0	ug/L	
SJF0318-CCBC	Lead-208 (dissolved)	0.00300	0.0513	0.100	ug/L	
SJF0318-CCBC	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJF0318-IBLD	Iron-54 (dissolved)	-2.40	18.2	36.0	ug/L	
SJF0318-IBLD	Iron-57 (dissolved)	-3.13	6.63	20.0	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0318

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00068
Date Analyzed: 06/24/21 04:07

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-IBLD	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0318-IBLD	Manganese-55 (dissolved)	-0.00100	0.142	0.500	ug/L	
SJF0318-CCBD	Iron-54 (dissolved)	-1.99	18.2	36.0	ug/L	
SJF0318-CCBD	Iron-57 (dissolved)	0.334	6.63	20.0	ug/L	
SJF0318-CCBD	Lead-208 (dissolved)	0.00400	0.0513	0.100	ug/L	
SJF0318-CCBD	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJF0318-CCBE	Iron-54 (dissolved)	0.026	18.2	36.0	ug/L	
SJF0318-CCBE	Iron-57 (dissolved)	-0.492	6.63	20.0	ug/L	
SJF0318-CCBE	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0318-CCBE	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJF0318-IBLE	Iron-54 (dissolved)	-1.45	18.2	36.0	ug/L	
SJF0318-IBLE	Iron-57 (dissolved)	0.441	6.63	20.0	ug/L	
SJF0318-IBLE	Lead-208 (dissolved)	-0.00300	0.0513	0.100	ug/L	
SJF0318-IBLE	Manganese-55 (dissolved)	-0.00100	0.142	0.500	ug/L	
SJF0318-CCBF	Iron-54 (dissolved)	-0.317	18.2	36.0	ug/L	
SJF0318-CCBF	Iron-57 (dissolved)	4.67	6.63	20.0	ug/L	
SJF0318-CCBF	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0318-CCBF	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJF0318-IBLF	Iron-54 (dissolved)	-2.22	18.2	36.0	ug/L	
SJF0318-IBLF	Iron-57 (dissolved)	-3.64	6.63	20.0	ug/L	
SJF0318-IBLF	Lead-208 (dissolved)	-0.00300	0.0513	0.100	ug/L	
SJF0318-IBLF	Manganese-55 (dissolved)	-0.00300	0.142	0.500	ug/L	
SJF0318-CCBG	Iron-54 (dissolved)	-1.08	18.2	36.0	ug/L	
SJF0318-CCBG	Iron-57 (dissolved)	-3.93	6.63	20.0	ug/L	
SJF0318-CCBG	Lead-208 (dissolved)	-0.00300	0.0513	0.100	ug/L	
SJF0318-CCBG	Manganese-55 (dissolved)	0.00200	0.142	0.500	ug/L	
SJF0318-IBLG	Iron-54 (dissolved)	-1.53	18.2	36.0	ug/L	
SJF0318-IBLG	Iron-57 (dissolved)	-2.38	6.63	20.0	ug/L	
SJF0318-IBLG	Lead-208 (dissolved)	-0.00300	0.0513	0.100	ug/L	
SJF0318-IBLG	Manganese-55 (dissolved)	0.00200	0.142	0.500	ug/L	
SJF0318-CCBH	Iron-54 (dissolved)	-0.557	18.2	36.0	ug/L	
SJF0318-CCBH	Iron-57 (dissolved)	-4.05	6.63	20.0	ug/L	
SJF0318-CCBH	Lead-208 (dissolved)	-0.00400	0.0513	0.100	ug/L	
SJF0318-CCBH	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Date Analyzed: 06/24/21 08:55

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-IBLH	Iron-54 (dissolved)	-2.50	18.2	36.0	ug/L	
SJF0318-IBLH	Iron-57 (dissolved)	-2.35	6.63	20.0	ug/L	
SJF0318-IBLH	Lead-208 (dissolved)	-0.00300	0.0513	0.100	ug/L	
SJF0318-IBLH	Manganese-55 (dissolved)	-0.00300	0.142	0.500	ug/L	
SJF0318-CCBI	Iron-54 (dissolved)	-2.63	18.2	36.0	ug/L	
SJF0318-CCBI	Iron-57 (dissolved)	-5.10	6.63	20.0	ug/L	
SJF0318-CCBI	Lead-208 (dissolved)	-0.00300	0.0513	0.100	ug/L	
SJF0318-CCBI	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/24/21 14:20

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBL1	Aluminum-27	0.022	2.92	20.0	ug/L	
SJF0364-IBL1	Aluminum-27 (dissolved)	0.022	2.92	20.0	ug/L	
SJF0364-IBL1	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-IBL1	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-IBL1	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0364-IBL1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0364-ICB1	Aluminum-27	0.007	2.92	20.0	ug/L	
SJF0364-ICB1	Aluminum-27 (dissolved)	0.007	2.92	20.0	ug/L	
SJF0364-ICB1	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-ICB1	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-ICB1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0364-ICB1	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0364-CCB1	Aluminum-27	0.015	2.92	20.0	ug/L	
SJF0364-CCB1	Aluminum-27 (dissolved)	0.015	2.92	20.0	ug/L	
SJF0364-CCB1	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCB1	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCB1	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0364-CCB1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0364-IBL2	Aluminum-27 (dissolved)	0.116	2.92	20.0	ug/L	
SJF0364-IBL2	Aluminum-27	0.116	2.92	20.0	ug/L	
SJF0364-IBL2	Lead-208 (dissolved)	0.0200	0.0513	0.100	ug/L	
SJF0364-IBL2	Lead-208	0.0200	0.0513	0.100	ug/L	
SJF0364-IBL2	Manganese-55 (dissolved)	0.00900	0.142	0.500	ug/L	
SJF0364-IBL2	Manganese-55	0.00900	0.142	0.500	ug/L	
SJF0364-IBL3	Aluminum-27	0.127	2.92	20.0	ug/L	
SJF0364-IBL3	Aluminum-27 (dissolved)	0.127	2.92	20.0	ug/L	
SJF0364-IBL3	Lead-208	0.0210	0.0513	0.100	ug/L	
SJF0364-IBL3	Lead-208 (dissolved)	0.0210	0.0513	0.100	ug/L	
SJF0364-IBL3	Manganese-55	0.0110	0.142	0.500	ug/L	
SJF0364-IBL3	Manganese-55 (dissolved)	0.0110	0.142	0.500	ug/L	
SJF0364-CCB2	Aluminum-27 (dissolved)	0.020	2.92	20.0	ug/L	
SJF0364-CCB2	Aluminum-27	0.020	2.92	20.0	ug/L	
SJF0364-CCB2	Lead-208 (dissolved)	0.00200	0.0513	0.100	ug/L	
SJF0364-CCB2	Lead-208	0.00200	0.0513	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/24/21 15:49

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB2	Manganese-55	0.00200	0.142	0.500	ug/L	
SJF0364-CCB2	Manganese-55 (dissolved)	0.00200	0.142	0.500	ug/L	
SJF0364-IBL4	Aluminum-27	-0.005	2.92	20.0	ug/L	
SJF0364-IBL4	Aluminum-27 (dissolved)	-0.005	2.92	20.0	ug/L	
SJF0364-IBL4	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-IBL4	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-IBL4	Manganese-55	0.00600	0.142	0.500	ug/L	
SJF0364-IBL4	Manganese-55 (dissolved)	0.00600	0.142	0.500	ug/L	
SJF0364-CCB3	Aluminum-27	0.019	2.92	20.0	ug/L	
SJF0364-CCB3	Aluminum-27 (dissolved)	0.019	2.92	20.0	ug/L	
SJF0364-CCB3	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCB3	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCB3	Manganese-55	0.00500	0.142	0.500	ug/L	
SJF0364-CCB3	Manganese-55 (dissolved)	0.00500	0.142	0.500	ug/L	
SJF0364-CCB4	Aluminum-27	0.010	2.92	20.0	ug/L	
SJF0364-CCB4	Aluminum-27 (dissolved)	0.010	2.92	20.0	ug/L	
SJF0364-CCB4	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-CCB4	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-CCB4	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0364-CCB4	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0364-IBL5	Aluminum-27	0.053	2.92	20.0	ug/L	
SJF0364-IBL5	Aluminum-27 (dissolved)	0.053	2.92	20.0	ug/L	
SJF0364-IBL5	Lead-208 (dissolved)	0.00300	0.0513	0.100	ug/L	
SJF0364-IBL5	Lead-208	0.00300	0.0513	0.100	ug/L	
SJF0364-IBL5	Manganese-55	0.00700	0.142	0.500	ug/L	
SJF0364-IBL5	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	
SJF0364-IBL6	Aluminum-27	0.065	2.92	20.0	ug/L	
SJF0364-IBL6	Aluminum-27 (dissolved)	0.065	2.92	20.0	ug/L	
SJF0364-IBL6	Lead-208 (dissolved)	0.00200	0.0513	0.100	ug/L	
SJF0364-IBL6	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0364-IBL6	Manganese-55	0.00500	0.142	0.500	ug/L	
SJF0364-IBL6	Manganese-55 (dissolved)	0.00500	0.142	0.500	ug/L	
SJF0364-CCB5	Aluminum-27 (dissolved)	0.013	2.92	20.0	ug/L	
SJF0364-CCB5	Aluminum-27	0.013	2.92	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/24/21 18:46

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB5	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCB5	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCB5	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0364-CCB5	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJF0364-IBL7	Aluminum-27	0.065	2.92	20.0	ug/L	
SJF0364-IBL7	Aluminum-27 (dissolved)	0.065	2.92	20.0	ug/L	
SJF0364-IBL7	Lead-208 (dissolved)	0.00200	0.0513	0.100	ug/L	
SJF0364-IBL7	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0364-IBL7	Manganese-55	0.0300	0.142	0.500	ug/L	
SJF0364-IBL7	Manganese-55 (dissolved)	0.0300	0.142	0.500	ug/L	
SJF0364-IBL8	Aluminum-27	0.058	2.92	20.0	ug/L	
SJF0364-IBL8	Aluminum-27 (dissolved)	0.058	2.92	20.0	ug/L	
SJF0364-IBL8	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0364-IBL8	Lead-208 (dissolved)	0.00200	0.0513	0.100	ug/L	
SJF0364-IBL8	Manganese-55	0.0440	0.142	0.500	ug/L	
SJF0364-IBL8	Manganese-55 (dissolved)	0.0440	0.142	0.500	ug/L	
SJF0364-IBL9	Aluminum-27	0.091	2.92	20.0	ug/L	
SJF0364-IBL9	Aluminum-27 (dissolved)	0.091	2.92	20.0	ug/L	
SJF0364-IBL9	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0364-IBL9	Lead-208 (dissolved)	0.00200	0.0513	0.100	ug/L	
SJF0364-IBL9	Manganese-55	0.0850	0.142	0.500	ug/L	
SJF0364-IBL9	Manganese-55 (dissolved)	0.0850	0.142	0.500	ug/L	
SJF0364-CCB6	Aluminum-27 (dissolved)	0.017	2.92	20.0	ug/L	
SJF0364-CCB6	Aluminum-27	0.017	2.92	20.0	ug/L	
SJF0364-CCB6	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-CCB6	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-CCB6	Manganese-55	0.0650	0.142	0.500	ug/L	
SJF0364-CCB6	Manganese-55 (dissolved)	0.0650	0.142	0.500	ug/L	
SJF0364-IBLA	Aluminum-27	0.063	2.92	20.0	ug/L	
SJF0364-IBLA	Aluminum-27 (dissolved)	0.063	2.92	20.0	ug/L	
SJF0364-IBLA	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0364-IBLA	Lead-208 (dissolved)	0.00200	0.0513	0.100	ug/L	
SJF0364-IBLA	Manganese-55	0.0320	0.142	0.500	ug/L	
SJF0364-IBLA	Manganese-55 (dissolved)	0.0320	0.142	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/24/21 21:22

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB7	Aluminum-27 (dissolved)	0.028	2.92	20.0	ug/L	
SJF0364-CCB7	Aluminum-27	0.028	2.92	20.0	ug/L	
SJF0364-CCB7	Lead-208 (dissolved)	0.00500	0.0513	0.100	ug/L	
SJF0364-CCB7	Lead-208	0.00500	0.0513	0.100	ug/L	
SJF0364-CCB7	Manganese-55 (dissolved)	0.0280	0.142	0.500	ug/L	
SJF0364-CCB7	Manganese-55	0.0280	0.142	0.500	ug/L	
SJF0364-IBLB	Aluminum-27	0.063	2.92	20.0	ug/L	
SJF0364-IBLB	Aluminum-27 (dissolved)	0.063	2.92	20.0	ug/L	
SJF0364-IBLB	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0364-IBLB	Lead-208 (dissolved)	0.00200	0.0513	0.100	ug/L	
SJF0364-IBLB	Manganese-55	0.0270	0.142	0.500	ug/L	
SJF0364-IBLB	Manganese-55 (dissolved)	0.0270	0.142	0.500	ug/L	
SJF0364-CCB8	Aluminum-27	0.346	2.92	20.0	ug/L	
SJF0364-CCB8	Aluminum-27 (dissolved)	0.346	2.92	20.0	ug/L	
SJF0364-CCB8	Lead-208 (dissolved)	0.0100	0.0513	0.100	ug/L	
SJF0364-CCB8	Lead-208	0.0100	0.0513	0.100	ug/L	
SJF0364-CCB8	Manganese-55	0.0230	0.142	0.500	ug/L	
SJF0364-CCB8	Manganese-55 (dissolved)	0.0230	0.142	0.500	ug/L	
SJF0364-CCB9	Aluminum-27	0.036	2.92	20.0	ug/L	
SJF0364-CCB9	Aluminum-27 (dissolved)	0.036	2.92	20.0	ug/L	
SJF0364-CCB9	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCB9	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCB9	Manganese-55 (dissolved)	-0.00200	0.142	0.500	ug/L	
SJF0364-CCB9	Manganese-55	-0.00200	0.142	0.500	ug/L	
SJF0364-IBLC	Aluminum-27	0.021	2.92	20.0	ug/L	
SJF0364-IBLC	Aluminum-27 (dissolved)	0.021	2.92	20.0	ug/L	
SJF0364-IBLC	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLC	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLC	Manganese-55	-0.00700	0.142	0.500	ug/L	
SJF0364-IBLC	Manganese-55 (dissolved)	-0.00700	0.142	0.500	ug/L	
SJF0364-CCBA	Aluminum-27 (dissolved)	0.034	2.92	20.0	ug/L	
SJF0364-CCBA	Aluminum-27	0.034	2.92	20.0	ug/L	
SJF0364-CCBA	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBA	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/24/21 23:59

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCBA	Manganese-55	-0.00700	0.142	0.500	ug/L	
SJF0364-CCBA	Manganese-55 (dissolved)	-0.00700	0.142	0.500	ug/L	
SJF0364-IBLD	Aluminum-27	0.044	2.92	20.0	ug/L	
SJF0364-IBLD	Aluminum-27 (dissolved)	0.044	2.92	20.0	ug/L	
SJF0364-IBLD	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLD	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLD	Manganese-55	-0.00600	0.142	0.500	ug/L	
SJF0364-IBLD	Manganese-55 (dissolved)	-0.00600	0.142	0.500	ug/L	
SJF0364-CCBB	Aluminum-27	0.028	2.92	20.0	ug/L	
SJF0364-CCBB	Aluminum-27 (dissolved)	0.028	2.92	20.0	ug/L	
SJF0364-CCBB	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBB	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBB	Manganese-55	-0.0100	0.142	0.500	ug/L	
SJF0364-CCBB	Manganese-55 (dissolved)	-0.0100	0.142	0.500	ug/L	
SJF0364-IBLE	Aluminum-27	0.010	2.92	20.0	ug/L	
SJF0364-IBLE	Aluminum-27 (dissolved)	0.010	2.92	20.0	ug/L	
SJF0364-IBLE	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLE	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLE	Manganese-55	0.141	0.142	0.500	ug/L	
SJF0364-IBLE	Manganese-55 (dissolved)	0.141	0.142	0.500	ug/L	
SJF0364-IBLF	Aluminum-27	0.036	2.92	20.0	ug/L	
SJF0364-IBLF	Aluminum-27 (dissolved)	0.036	2.92	20.0	ug/L	
SJF0364-IBLF	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLF	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLF	Manganese-55 (dissolved)	0.106	0.142	0.500	ug/L	
SJF0364-IBLF	Manganese-55	0.106	0.142	0.500	ug/L	
SJF0364-CCBC	Aluminum-27	0.036	2.92	20.0	ug/L	
SJF0364-CCBC	Aluminum-27 (dissolved)	0.036	2.92	20.0	ug/L	
SJF0364-CCBC	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBC	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBC	Manganese-55 (dissolved)	0.0760	0.142	0.500	ug/L	
SJF0364-CCBC	Manganese-55	0.0760	0.142	0.500	ug/L	
SJF0364-IBLG	Aluminum-27	0.019	2.92	20.0	ug/L	
SJF0364-IBLG	Aluminum-27 (dissolved)	0.019	2.92	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/25/21 03:00

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBLG	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLG	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLG	Manganese-55 (dissolved)	0.142	0.142	0.500	ug/L	
SJF0364-IBLG	Manganese-55	0.142	0.142	0.500	ug/L	
SJF0364-CCBD	Aluminum-27	0.035	2.92	20.0	ug/L	
SJF0364-CCBD	Aluminum-27 (dissolved)	0.035	2.92	20.0	ug/L	
SJF0364-CCBD	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBD	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBD	Manganese-55	0.117	0.142	0.500	ug/L	
SJF0364-CCBD	Manganese-55 (dissolved)	0.117	0.142	0.500	ug/L	
SJF0364-IBLH	Aluminum-27 (dissolved)	0.022	2.92	20.0	ug/L	
SJF0364-IBLH	Aluminum-27	0.022	2.92	20.0	ug/L	
SJF0364-IBLH	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLH	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLH	Manganese-55	0.0340	0.142	0.500	ug/L	
SJF0364-IBLH	Manganese-55 (dissolved)	0.0340	0.142	0.500	ug/L	
SJF0364-CCBE	Aluminum-27	0.039	2.92	20.0	ug/L	
SJF0364-CCBE	Aluminum-27 (dissolved)	0.039	2.92	20.0	ug/L	
SJF0364-CCBE	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBE	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBE	Manganese-55 (dissolved)	0.0270	0.142	0.500	ug/L	
SJF0364-CCBE	Manganese-55	0.0270	0.142	0.500	ug/L	
SJF0364-IBLI	Aluminum-27	0.032	2.92	20.0	ug/L	
SJF0364-IBLI	Aluminum-27 (dissolved)	0.032	2.92	20.0	ug/L	
SJF0364-IBLI	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLI	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLI	Manganese-55	0.0170	0.142	0.500	ug/L	
SJF0364-IBLI	Manganese-55 (dissolved)	0.0170	0.142	0.500	ug/L	
SJF0364-CCBF	Aluminum-27	0.044	2.92	20.0	ug/L	
SJF0364-CCBF	Aluminum-27 (dissolved)	0.044	2.92	20.0	ug/L	
SJF0364-CCBF	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBF	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBF	Manganese-55	0.0170	0.142	0.500	ug/L	
SJF0364-CCBF	Manganese-55 (dissolved)	0.0170	0.142	0.500	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/25/21 06:11

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBLJ	Aluminum-27	0.034	2.92	20.0	ug/L	
SJF0364-IBLJ	Aluminum-27 (dissolved)	0.034	2.92	20.0	ug/L	
SJF0364-IBLJ	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLJ	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLJ	Manganese-55	0.0340	0.142	0.500	ug/L	
SJF0364-IBLJ	Manganese-55 (dissolved)	0.0340	0.142	0.500	ug/L	
SJF0364-CCBG	Aluminum-27 (dissolved)	0.063	2.92	20.0	ug/L	
SJF0364-CCBG	Aluminum-27	0.063	2.92	20.0	ug/L	
SJF0364-CCBG	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBG	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBG	Manganese-55 (dissolved)	0.0270	0.142	0.500	ug/L	
SJF0364-CCBG	Manganese-55	0.0270	0.142	0.500	ug/L	
SJF0364-IBLK	Aluminum-27 (dissolved)	0.036	2.92	20.0	ug/L	
SJF0364-IBLK	Aluminum-27	0.036	2.92	20.0	ug/L	
SJF0364-IBLK	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0364-IBLK	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0364-IBLK	Manganese-55 (dissolved)	0.0330	0.142	0.500	ug/L	
SJF0364-IBLK	Manganese-55	0.0330	0.142	0.500	ug/L	
SJF0364-CCBH	Aluminum-27	0.079	2.92	20.0	ug/L	
SJF0364-CCBH	Aluminum-27 (dissolved)	0.079	2.92	20.0	ug/L	
SJF0364-CCBH	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBH	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0364-CCBH	Manganese-55	0.0270	0.142	0.500	ug/L	
SJF0364-CCBH	Manganese-55 (dissolved)	0.0270	0.142	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0378

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00076
Date Analyzed: 06/25/21 14:11

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0378-IBL1	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0378-IBL1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0378-ICB1	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0378-ICB1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0378-CCB1	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0378-CCB1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0378-IBL2	Lead-208	0.0160	0.0513	0.100	ug/L	
SJF0378-IBL2	Manganese-55	0.0110	0.142	0.500	ug/L	
SJF0378-IBL3	Lead-208	0.0140	0.0513	0.100	ug/L	
SJF0378-IBL3	Manganese-55	0.0100	0.142	0.500	ug/L	
SJF0378-CCB2	Lead-208	0.00300	0.0513	0.100	ug/L	
SJF0378-CCB2	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0378-IBL4	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0378-IBL4	Manganese-55	-0.00100	0.142	0.500	ug/L	
SJF0378-CCB3	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0378-CCB3	Manganese-55	-0.00100	0.142	0.500	ug/L	
SJF0378-IBL5	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0378-IBL5	Manganese-55	0.0220	0.142	0.500	ug/L	
SJF0378-CCB4	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0378-CCB4	Manganese-55	0.0150	0.142	0.500	ug/L	
SJF0378-IBL6	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0378-IBL6	Manganese-55	0.00300	0.142	0.500	ug/L	
SJF0378-CCB5	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0378-CCB5	Manganese-55	0.00500	0.142	0.500	ug/L	
SJF0378-IBL7	Lead-208	0.00500	0.0513	0.100	ug/L	
SJF0378-IBL7	Manganese-55	0.00500	0.142	0.500	ug/L	
SJF0378-CCB6	Lead-208	0.00300	0.0513	0.100	ug/L	
SJF0378-CCB6	Manganese-55	0.00400	0.142	0.500	ug/L	
SJF0378-IBL8	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0378-IBL8	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0378-CCB7	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0378-CCB7	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0378-IBL9	Lead-208	0.00200	0.0513	0.100	ug/L	
SJF0378-IBL9	Manganese-55	0.00500	0.142	0.500	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Date Analyzed: 06/25/21 22:21

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0378-CCB8	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0378-CCB8	Manganese-55	0.00	0.142	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 14:50

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBL1	Aluminum-27 (dissolved)	0.036	2.92	20.0	ug/L	
SJF0401-IBL1	Calcium-44 (dissolved)	-1.70	11.1	50.0	ug/L	
SJF0401-IBL1	Calcium-44	-1.70	11.1	50.0	ug/L	
SJF0401-IBL1	Iron-54	-0.139	18.2	36.0	ug/L	
SJF0401-IBL1	Iron-54 (dissolved)	-0.139	18.2	36.0	ug/L	
SJF0401-IBL1	Iron-57	-5.56	6.63	36.0	ug/L	
SJF0401-IBL1	Iron-57 (dissolved)	-5.56	6.63	20.0	ug/L	
SJF0401-IBL1	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0401-IBL1	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0401-IBL1	Magnesium-24	0.033	2.22	20.0	ug/L	
SJF0401-IBL1	Magnesium-24 (dissolved)	0.033	2.22	20.0	ug/L	
SJF0401-IBL1	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0401-IBL1	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJF0401-IBL1	Potassium-39	2.21	10.9	20.0	ug/L	
SJF0401-IBL1	Potassium-39 (dissolved)	2.21	10.9	20.0	ug/L	
SJF0401-IBL1	Sodium-23	0.37	16.4	100	ug/L	
SJF0401-IBL1	Sodium-23 (dissolved)	0.37	16.4	100	ug/L	
SJF0401-ICB1	Aluminum-27 (dissolved)	0.018	2.92	20.0	ug/L	
SJF0401-ICB1	Calcium-44 (dissolved)	-2.51	11.1	50.0	ug/L	
SJF0401-ICB1	Calcium-44	-2.51	11.1	50.0	ug/L	
SJF0401-ICB1	Iron-54	-0.552	18.2	36.0	ug/L	
SJF0401-ICB1	Iron-54 (dissolved)	-0.552	18.2	36.0	ug/L	
SJF0401-ICB1	Iron-57 (dissolved)	-5.38	6.63	20.0	ug/L	
SJF0401-ICB1	Iron-57	-5.38	6.63	36.0	ug/L	
SJF0401-ICB1	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0401-ICB1	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0401-ICB1	Magnesium-24 (dissolved)	0.016	2.22	20.0	ug/L	
SJF0401-ICB1	Magnesium-24	0.016	2.22	20.0	ug/L	
SJF0401-ICB1	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-ICB1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-ICB1	Potassium-39 (dissolved)	1.88	10.9	20.0	ug/L	
SJF0401-ICB1	Potassium-39	1.88	10.9	20.0	ug/L	
SJF0401-ICB1	Sodium-23	0.13	16.4	100	ug/L	
SJF0401-ICB1	Sodium-23 (dissolved)	0.13	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 15:16

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB1	Aluminum-27 (dissolved)	0.015	2.92	20.0	ug/L	
SJF0401-CCB1	Calcium-44 (dissolved)	-3.20	11.1	50.0	ug/L	
SJF0401-CCB1	Calcium-44	-3.20	11.1	50.0	ug/L	
SJF0401-CCB1	Iron-54	-0.496	18.2	36.0	ug/L	
SJF0401-CCB1	Iron-54 (dissolved)	-0.496	18.2	36.0	ug/L	
SJF0401-CCB1	Iron-57	-5.32	6.63	36.0	ug/L	
SJF0401-CCB1	Iron-57 (dissolved)	-5.32	6.63	20.0	ug/L	
SJF0401-CCB1	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0401-CCB1	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0401-CCB1	Magnesium-24 (dissolved)	0.011	2.22	20.0	ug/L	
SJF0401-CCB1	Magnesium-24	0.011	2.22	20.0	ug/L	
SJF0401-CCB1	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-CCB1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-CCB1	Potassium-39 (dissolved)	1.51	10.9	20.0	ug/L	
SJF0401-CCB1	Potassium-39	1.51	10.9	20.0	ug/L	
SJF0401-CCB1	Sodium-23	0.11	16.4	100	ug/L	
SJF0401-CCB1	Sodium-23 (dissolved)	0.11	16.4	100	ug/L	
SJF0401-IBL2	Aluminum-27 (dissolved)	0.421	2.92	20.0	ug/L	
SJF0401-IBL2	Calcium-44 (dissolved)	5.21	11.1	50.0	ug/L	
SJF0401-IBL2	Calcium-44	5.21	11.1	50.0	ug/L	
SJF0401-IBL2	Iron-54 (dissolved)	-0.588	18.2	36.0	ug/L	
SJF0401-IBL2	Iron-54	-0.588	18.2	36.0	ug/L	
SJF0401-IBL2	Iron-57 (dissolved)	-6.72	6.63	20.0	ug/L	
SJF0401-IBL2	Iron-57	-6.72	6.63	36.0	ug/L	
SJF0401-IBL2	Lead-208	0.0310	0.0513	0.100	ug/L	
SJF0401-IBL2	Lead-208 (dissolved)	0.0310	0.0513	0.100	ug/L	
SJF0401-IBL2	Magnesium-24	0.257	2.22	20.0	ug/L	
SJF0401-IBL2	Magnesium-24 (dissolved)	0.257	2.22	20.0	ug/L	
SJF0401-IBL2	Manganese-55	0.0240	0.142	0.500	ug/L	
SJF0401-IBL2	Manganese-55 (dissolved)	0.0240	0.142	0.500	ug/L	
SJF0401-IBL2	Potassium-39	4.01	10.9	20.0	ug/L	
SJF0401-IBL2	Potassium-39 (dissolved)	4.01	10.9	20.0	ug/L	
SJF0401-IBL2	Sodium-23 (dissolved)	3.42	16.4	100	ug/L	
SJF0401-IBL2	Sodium-23	3.42	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/28/21 16:03

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBL3	Aluminum-27 (dissolved)	0.488	2.92	20.0	ug/L	
SJF0401-IBL3	Calcium-44 (dissolved)	5.11	11.1	50.0	ug/L	
SJF0401-IBL3	Calcium-44	5.11	11.1	50.0	ug/L	
SJF0401-IBL3	Iron-54	-0.774	18.2	36.0	ug/L	
SJF0401-IBL3	Iron-54 (dissolved)	-0.774	18.2	36.0	ug/L	
SJF0401-IBL3	Iron-57	-4.15	6.63	36.0	ug/L	
SJF0401-IBL3	Iron-57 (dissolved)	-4.15	6.63	20.0	ug/L	
SJF0401-IBL3	Lead-208 (dissolved)	0.0320	0.0513	0.100	ug/L	
SJF0401-IBL3	Lead-208	0.0320	0.0513	0.100	ug/L	
SJF0401-IBL3	Magnesium-24 (dissolved)	0.340	2.22	20.0	ug/L	
SJF0401-IBL3	Magnesium-24	0.340	2.22	20.0	ug/L	
SJF0401-IBL3	Manganese-55	0.0260	0.142	0.500	ug/L	
SJF0401-IBL3	Manganese-55 (dissolved)	0.0260	0.142	0.500	ug/L	
SJF0401-IBL3	Potassium-39 (dissolved)	0.699	10.9	20.0	ug/L	
SJF0401-IBL3	Potassium-39	0.699	10.9	20.0	ug/L	
SJF0401-IBL3	Sodium-23	2.28	16.4	100	ug/L	
SJF0401-IBL3	Sodium-23 (dissolved)	2.28	16.4	100	ug/L	
SJF0401-IBL4	Aluminum-27 (dissolved)	0.738	2.92	20.0	ug/L	
SJF0401-IBL4	Calcium-44	-4.37	11.1	50.0	ug/L	
SJF0401-IBL4	Calcium-44 (dissolved)	-4.37	11.1	50.0	ug/L	
SJF0401-IBL4	Iron-54	-2.18	18.2	36.0	ug/L	
SJF0401-IBL4	Iron-54 (dissolved)	-2.18	18.2	36.0	ug/L	
SJF0401-IBL4	Iron-57 (dissolved)	-3.69	6.63	20.0	ug/L	
SJF0401-IBL4	Iron-57	-3.69	6.63	36.0	ug/L	
SJF0401-IBL4	Lead-208 (dissolved)	0.0180	0.0513	0.100	ug/L	
SJF0401-IBL4	Lead-208	0.0180	0.0513	0.100	ug/L	
SJF0401-IBL4	Magnesium-24 (dissolved)	0.089	2.22	20.0	ug/L	
SJF0401-IBL4	Magnesium-24	0.089	2.22	20.0	ug/L	
SJF0401-IBL4	Manganese-55	0.00900	0.142	0.500	ug/L	
SJF0401-IBL4	Manganese-55 (dissolved)	0.00900	0.142	0.500	ug/L	
SJF0401-IBL4	Potassium-39	-0.760	10.9	20.0	ug/L	
SJF0401-IBL4	Potassium-39 (dissolved)	-0.760	10.9	20.0	ug/L	
SJF0401-IBL4	Sodium-23 (dissolved)	0.61	16.4	100	ug/L	
SJF0401-IBL4	Sodium-23	0.61	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 16:29

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB2	Aluminum-27 (dissolved)	0.015	2.92	20.0	ug/L	
SJF0401-CCB2	Calcium-44 (dissolved)	-6.55	11.1	50.0	ug/L	
SJF0401-CCB2	Calcium-44	-6.55	11.1	50.0	ug/L	
SJF0401-CCB2	Iron-54	-1.08	18.2	36.0	ug/L	
SJF0401-CCB2	Iron-54 (dissolved)	-1.08	18.2	36.0	ug/L	
SJF0401-CCB2	Iron-57	-4.78	6.63	36.0	ug/L	
SJF0401-CCB2	Iron-57 (dissolved)	-4.78	6.63	20.0	ug/L	
SJF0401-CCB2	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0401-CCB2	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0401-CCB2	Magnesium-24	0.010	2.22	20.0	ug/L	
SJF0401-CCB2	Magnesium-24 (dissolved)	0.010	2.22	20.0	ug/L	
SJF0401-CCB2	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-CCB2	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-CCB2	Potassium-39	0.638	10.9	20.0	ug/L	
SJF0401-CCB2	Potassium-39 (dissolved)	0.638	10.9	20.0	ug/L	
SJF0401-CCB2	Sodium-23	0.04	16.4	100	ug/L	
SJF0401-CCB2	Sodium-23 (dissolved)	0.04	16.4	100	ug/L	
SJF0401-IBL5	Aluminum-27 (dissolved)	0.166	2.92	20.0	ug/L	
SJF0401-IBL5	Calcium-44	-6.01	11.1	50.0	ug/L	
SJF0401-IBL5	Calcium-44 (dissolved)	-6.01	11.1	50.0	ug/L	
SJF0401-IBL5	Iron-54	0.159	18.2	36.0	ug/L	
SJF0401-IBL5	Iron-54 (dissolved)	0.159	18.2	36.0	ug/L	
SJF0401-IBL5	Iron-57	-10.6	6.63	36.0	ug/L	
SJF0401-IBL5	Iron-57 (dissolved)	-10.6	6.63	20.0	ug/L	
SJF0401-IBL5	Lead-208	0.00400	0.0513	0.100	ug/L	
SJF0401-IBL5	Lead-208 (dissolved)	0.00400	0.0513	0.100	ug/L	
SJF0401-IBL5	Magnesium-24	0.044	2.22	20.0	ug/L	
SJF0401-IBL5	Magnesium-24 (dissolved)	0.044	2.22	20.0	ug/L	
SJF0401-IBL5	Manganese-55	0.00500	0.142	0.500	ug/L	
SJF0401-IBL5	Manganese-55 (dissolved)	0.00500	0.142	0.500	ug/L	
SJF0401-IBL5	Potassium-39	4.56	10.9	20.0	ug/L	
SJF0401-IBL5	Potassium-39 (dissolved)	4.56	10.9	20.0	ug/L	
SJF0401-IBL5	Sodium-23 (dissolved)	0.12	16.4	100	ug/L	
SJF0401-IBL5	Sodium-23	0.12	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/28/21 17:46

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB3	Aluminum-27 (dissolved)	0.015	2.92	20.0	ug/L	
SJF0401-CCB3	Calcium-44 (dissolved)	-7.24	11.1	50.0	ug/L	
SJF0401-CCB3	Calcium-44	-7.24	11.1	50.0	ug/L	
SJF0401-CCB3	Iron-54	-0.525	18.2	36.0	ug/L	
SJF0401-CCB3	Iron-54 (dissolved)	-0.525	18.2	36.0	ug/L	
SJF0401-CCB3	Iron-57 (dissolved)	-6.44	6.63	20.0	ug/L	
SJF0401-CCB3	Iron-57	-6.44	6.63	36.0	ug/L	
SJF0401-CCB3	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0401-CCB3	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0401-CCB3	Magnesium-24	0.010	2.22	20.0	ug/L	
SJF0401-CCB3	Magnesium-24 (dissolved)	0.010	2.22	20.0	ug/L	
SJF0401-CCB3	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-CCB3	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-CCB3	Potassium-39	3.96	10.9	20.0	ug/L	
SJF0401-CCB3	Potassium-39 (dissolved)	3.96	10.9	20.0	ug/L	
SJF0401-CCB3	Sodium-23	-0.08	16.4	100	ug/L	
SJF0401-CCB3	Sodium-23 (dissolved)	-0.08	16.4	100	ug/L	
SJF0401-IBL6	Aluminum-27 (dissolved)	0.195	2.92	20.0	ug/L	
SJF0401-IBL6	Calcium-44 (dissolved)	-6.81	11.1	50.0	ug/L	
SJF0401-IBL6	Calcium-44	-6.81	11.1	50.0	ug/L	
SJF0401-IBL6	Iron-54 (dissolved)	-0.440	18.2	36.0	ug/L	
SJF0401-IBL6	Iron-54	-0.440	18.2	36.0	ug/L	
SJF0401-IBL6	Iron-57 (dissolved)	-5.89	6.63	20.0	ug/L	
SJF0401-IBL6	Iron-57	-5.89	6.63	36.0	ug/L	
SJF0401-IBL6	Lead-208 (dissolved)	0.00500	0.0513	0.100	ug/L	
SJF0401-IBL6	Lead-208	0.00500	0.0513	0.100	ug/L	
SJF0401-IBL6	Magnesium-24 (dissolved)	0.211	2.22	20.0	ug/L	
SJF0401-IBL6	Magnesium-24	0.211	2.22	20.0	ug/L	
SJF0401-IBL6	Manganese-55	0.00400	0.142	0.500	ug/L	
SJF0401-IBL6	Manganese-55 (dissolved)	0.00400	0.142	0.500	ug/L	
SJF0401-IBL6	Potassium-39 (dissolved)	1.82	10.9	20.0	ug/L	
SJF0401-IBL6	Potassium-39	1.82	10.9	20.0	ug/L	
SJF0401-IBL6	Sodium-23	0.16	16.4	100	ug/L	
SJF0401-IBL6	Sodium-23 (dissolved)	0.16	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 18:52

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB4	Aluminum-27 (dissolved)	-0.008	2.92	20.0	ug/L	
SJF0401-CCB4	Calcium-44	-8.60	11.1	50.0	ug/L	
SJF0401-CCB4	Calcium-44 (dissolved)	-8.60	11.1	50.0	ug/L	
SJF0401-CCB4	Iron-54 (dissolved)	-1.72	18.2	36.0	ug/L	
SJF0401-CCB4	Iron-54	-1.72	18.2	36.0	ug/L	
SJF0401-CCB4	Iron-57 (dissolved)	-7.87	6.63	20.0	ug/L	
SJF0401-CCB4	Iron-57	-7.87	6.63	36.0	ug/L	
SJF0401-CCB4	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0401-CCB4	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0401-CCB4	Magnesium-24	0.020	2.22	20.0	ug/L	
SJF0401-CCB4	Magnesium-24 (dissolved)	0.020	2.22	20.0	ug/L	
SJF0401-CCB4	Manganese-55 (dissolved)	-0.00100	0.142	0.500	ug/L	
SJF0401-CCB4	Manganese-55	-0.00100	0.142	0.500	ug/L	
SJF0401-CCB4	Potassium-39	1.76	10.9	20.0	ug/L	
SJF0401-CCB4	Potassium-39 (dissolved)	1.76	10.9	20.0	ug/L	
SJF0401-CCB4	Sodium-23	-0.10	16.4	100	ug/L	
SJF0401-CCB4	Sodium-23 (dissolved)	-0.10	16.4	100	ug/L	
SJF0401-CCB5	Aluminum-27 (dissolved)	0.287	2.92	20.0	ug/L	
SJF0401-CCB5	Calcium-44	4.14	11.1	50.0	ug/L	
SJF0401-CCB5	Calcium-44 (dissolved)	4.14	11.1	50.0	ug/L	
SJF0401-CCB5	Iron-54 (dissolved)	3.34	18.2	36.0	ug/L	
SJF0401-CCB5	Iron-54	3.34	18.2	36.0	ug/L	
SJF0401-CCB5	Iron-57	4.53	6.63	36.0	ug/L	
SJF0401-CCB5	Iron-57 (dissolved)	4.53	6.63	20.0	ug/L	
SJF0401-CCB5	Lead-208 (dissolved)	0.00600	0.0513	0.100	ug/L	
SJF0401-CCB5	Lead-208	0.00600	0.0513	0.100	ug/L	
SJF0401-CCB5	Magnesium-24	0.129	2.22	20.0	ug/L	
SJF0401-CCB5	Magnesium-24 (dissolved)	0.129	2.22	20.0	ug/L	
SJF0401-CCB5	Manganese-55	0.0610	0.142	0.500	ug/L	
SJF0401-CCB5	Manganese-55 (dissolved)	0.0610	0.142	0.500	ug/L	
SJF0401-CCB5	Potassium-39 (dissolved)	-0.023	10.9	20.0	ug/L	
SJF0401-CCB5	Potassium-39	-0.023	10.9	20.0	ug/L	
SJF0401-CCB5	Sodium-23 (dissolved)	1.47	16.4	100	ug/L	
SJF0401-CCB5	Sodium-23	1.47	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 20:09

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBL7	Aluminum-27 (dissolved)	0.302	2.92	20.0	ug/L	
SJF0401-IBL7	Calcium-44 (dissolved)	8.00	11.1	50.0	ug/L	
SJF0401-IBL7	Calcium-44	8.00	11.1	50.0	ug/L	
SJF0401-IBL7	Iron-54	-0.352	18.2	36.0	ug/L	
SJF0401-IBL7	Iron-54 (dissolved)	-0.352	18.2	36.0	ug/L	
SJF0401-IBL7	Iron-57 (dissolved)	61.8	6.63	20.0	ug/L	
SJF0401-IBL7	Iron-57	61.8	6.63	36.0	ug/L	
SJF0401-IBL7	Lead-208 (dissolved)	0.00900	0.0513	0.100	ug/L	
SJF0401-IBL7	Lead-208	0.00900	0.0513	0.100	ug/L	
SJF0401-IBL7	Magnesium-24	0.377	2.22	20.0	ug/L	
SJF0401-IBL7	Magnesium-24 (dissolved)	0.377	2.22	20.0	ug/L	
SJF0401-IBL7	Manganese-55	0.0480	0.142	0.500	ug/L	
SJF0401-IBL7	Manganese-55 (dissolved)	0.0480	0.142	0.500	ug/L	
SJF0401-IBL7	Potassium-39	4.01	10.9	20.0	ug/L	
SJF0401-IBL7	Potassium-39 (dissolved)	4.01	10.9	20.0	ug/L	
SJF0401-IBL7	Sodium-23	8.80	16.4	100	ug/L	
SJF0401-IBL7	Sodium-23 (dissolved)	8.80	16.4	100	ug/L	
SJF0401-CCB6	Aluminum-27 (dissolved)	0.392	2.92	20.0	ug/L	
SJF0401-CCB6	Calcium-44 (dissolved)	4.50	11.1	50.0	ug/L	
SJF0401-CCB6	Calcium-44	4.50	11.1	50.0	ug/L	
SJF0401-CCB6	Iron-54	2.50	18.2	36.0	ug/L	
SJF0401-CCB6	Iron-54 (dissolved)	2.50	18.2	36.0	ug/L	
SJF0401-CCB6	Iron-57 (dissolved)	13.6	6.63	20.0	ug/L	
SJF0401-CCB6	Iron-57	13.6	6.63	36.0	ug/L	
SJF0401-CCB6	Lead-208 (dissolved)	0.00600	0.0513	0.100	ug/L	
SJF0401-CCB6	Lead-208	0.00600	0.0513	0.100	ug/L	
SJF0401-CCB6	Magnesium-24	0.112	2.22	20.0	ug/L	
SJF0401-CCB6	Magnesium-24 (dissolved)	0.112	2.22	20.0	ug/L	
SJF0401-CCB6	Manganese-55	0.0680	0.142	0.500	ug/L	
SJF0401-CCB6	Manganese-55 (dissolved)	0.0680	0.142	0.500	ug/L	
SJF0401-CCB6	Potassium-39	0.101	10.9	20.0	ug/L	
SJF0401-CCB6	Potassium-39 (dissolved)	0.101	10.9	20.0	ug/L	
SJF0401-CCB6	Sodium-23	6.30	16.4	100	ug/L	
SJF0401-CCB6	Sodium-23 (dissolved)	6.30	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/28/21 21:16

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBL8	Aluminum-27 (dissolved)	0.318	2.92	20.0	ug/L	
SJF0401-IBL8	Calcium-44	4.87	11.1	50.0	ug/L	
SJF0401-IBL8	Calcium-44 (dissolved)	4.87	11.1	50.0	ug/L	
SJF0401-IBL8	Iron-54	-0.013	18.2	36.0	ug/L	
SJF0401-IBL8	Iron-54 (dissolved)	-0.013	18.2	36.0	ug/L	
SJF0401-IBL8	Iron-57	-0.057	6.63	36.0	ug/L	
SJF0401-IBL8	Iron-57 (dissolved)	-0.057	6.63	20.0	ug/L	
SJF0401-IBL8	Lead-208	0.00800	0.0513	0.100	ug/L	
SJF0401-IBL8	Lead-208 (dissolved)	0.00800	0.0513	0.100	ug/L	
SJF0401-IBL8	Magnesium-24	0.194	2.22	20.0	ug/L	
SJF0401-IBL8	Magnesium-24 (dissolved)	0.194	2.22	20.0	ug/L	
SJF0401-IBL8	Manganese-55 (dissolved)	0.0260	0.142	0.500	ug/L	
SJF0401-IBL8	Manganese-55	0.0260	0.142	0.500	ug/L	
SJF0401-IBL8	Potassium-39	-1.06	10.9	20.0	ug/L	
SJF0401-IBL8	Potassium-39 (dissolved)	-1.06	10.9	20.0	ug/L	
SJF0401-IBL8	Sodium-23 (dissolved)	1.84	16.4	100	ug/L	
SJF0401-IBL8	Sodium-23	1.84	16.4	100	ug/L	
SJF0401-CCB7	Aluminum-27 (dissolved)	0.421	2.92	20.0	ug/L	
SJF0401-CCB7	Calcium-44	2.20	11.1	50.0	ug/L	
SJF0401-CCB7	Calcium-44 (dissolved)	2.20	11.1	50.0	ug/L	
SJF0401-CCB7	Iron-54	3.81	18.2	36.0	ug/L	
SJF0401-CCB7	Iron-54 (dissolved)	3.81	18.2	36.0	ug/L	
SJF0401-CCB7	Iron-57	9.20	6.63	36.0	ug/L	
SJF0401-CCB7	Iron-57 (dissolved)	9.20	6.63	20.0	ug/L	
SJF0401-CCB7	Lead-208	0.00500	0.0513	0.100	ug/L	
SJF0401-CCB7	Lead-208 (dissolved)	0.00500	0.0513	0.100	ug/L	
SJF0401-CCB7	Magnesium-24	0.103	2.22	20.0	ug/L	
SJF0401-CCB7	Magnesium-24 (dissolved)	0.103	2.22	20.0	ug/L	
SJF0401-CCB7	Manganese-55	0.0550	0.142	0.500	ug/L	
SJF0401-CCB7	Manganese-55 (dissolved)	0.0550	0.142	0.500	ug/L	
SJF0401-CCB7	Potassium-39	0.731	10.9	20.0	ug/L	
SJF0401-CCB7	Potassium-39 (dissolved)	0.731	10.9	20.0	ug/L	
SJF0401-CCB7	Sodium-23	2.25	16.4	100	ug/L	
SJF0401-CCB7	Sodium-23 (dissolved)	2.25	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/28/21 22:24

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBL9	Aluminum-27 (dissolved)	0.342	2.92	20.0	ug/L	
SJF0401-IBL9	Calcium-44	3.92	11.1	50.0	ug/L	
SJF0401-IBL9	Calcium-44 (dissolved)	3.92	11.1	50.0	ug/L	
SJF0401-IBL9	Iron-54	0.001	18.2	36.0	ug/L	
SJF0401-IBL9	Iron-54 (dissolved)	0.001	18.2	36.0	ug/L	
SJF0401-IBL9	Iron-57	-2.05	6.63	36.0	ug/L	
SJF0401-IBL9	Iron-57 (dissolved)	-2.05	6.63	20.0	ug/L	
SJF0401-IBL9	Lead-208	0.00800	0.0513	0.100	ug/L	
SJF0401-IBL9	Lead-208 (dissolved)	0.00800	0.0513	0.100	ug/L	
SJF0401-IBL9	Magnesium-24 (dissolved)	0.189	2.22	20.0	ug/L	
SJF0401-IBL9	Magnesium-24	0.189	2.22	20.0	ug/L	
SJF0401-IBL9	Manganese-55	0.0210	0.142	0.500	ug/L	
SJF0401-IBL9	Manganese-55 (dissolved)	0.0210	0.142	0.500	ug/L	
SJF0401-IBL9	Potassium-39 (dissolved)	1.16	10.9	20.0	ug/L	
SJF0401-IBL9	Potassium-39	1.16	10.9	20.0	ug/L	
SJF0401-IBL9	Sodium-23	1.13	16.4	100	ug/L	
SJF0401-IBL9	Sodium-23 (dissolved)	1.13	16.4	100	ug/L	
SJF0401-CCB8	Aluminum-27 (dissolved)	0.441	2.92	20.0	ug/L	
SJF0401-CCB8	Calcium-44	1.21	11.1	50.0	ug/L	
SJF0401-CCB8	Calcium-44 (dissolved)	1.21	11.1	50.0	ug/L	
SJF0401-CCB8	Iron-54	3.69	18.2	36.0	ug/L	
SJF0401-CCB8	Iron-54 (dissolved)	3.69	18.2	36.0	ug/L	
SJF0401-CCB8	Iron-57	7.99	6.63	36.0	ug/L	
SJF0401-CCB8	Iron-57 (dissolved)	7.99	6.63	20.0	ug/L	
SJF0401-CCB8	Lead-208	0.00700	0.0513	0.100	ug/L	
SJF0401-CCB8	Lead-208 (dissolved)	0.00700	0.0513	0.100	ug/L	
SJF0401-CCB8	Magnesium-24	0.103	2.22	20.0	ug/L	
SJF0401-CCB8	Magnesium-24 (dissolved)	0.103	2.22	20.0	ug/L	
SJF0401-CCB8	Manganese-55	0.0510	0.142	0.500	ug/L	
SJF0401-CCB8	Manganese-55 (dissolved)	0.0510	0.142	0.500	ug/L	
SJF0401-CCB8	Potassium-39	1.24	10.9	20.0	ug/L	
SJF0401-CCB8	Potassium-39 (dissolved)	1.24	10.9	20.0	ug/L	
SJF0401-CCB8	Sodium-23	1.62	16.4	100	ug/L	
SJF0401-CCB8	Sodium-23 (dissolved)	1.62	16.4	100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/28/21 23:06

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBLA	Aluminum-27 (dissolved)	0.314	2.92	20.0	ug/L	
SJF0401-IBLA	Calcium-44 (dissolved)	4.53	11.1	50.0	ug/L	
SJF0401-IBLA	Calcium-44	4.53	11.1	50.0	ug/L	
SJF0401-IBLA	Iron-54 (dissolved)	0.949	18.2	36.0	ug/L	
SJF0401-IBLA	Iron-54	0.949	18.2	36.0	ug/L	
SJF0401-IBLA	Iron-57	-3.14	6.63	36.0	ug/L	
SJF0401-IBLA	Iron-57 (dissolved)	-3.14	6.63	20.0	ug/L	
SJF0401-IBLA	Lead-208	0.00700	0.0513	0.100	ug/L	
SJF0401-IBLA	Lead-208 (dissolved)	0.00700	0.0513	0.100	ug/L	
SJF0401-IBLA	Magnesium-24 (dissolved)	0.204	2.22	20.0	ug/L	
SJF0401-IBLA	Magnesium-24	0.204	2.22	20.0	ug/L	
SJF0401-IBLA	Manganese-55 (dissolved)	0.0230	0.142	0.500	ug/L	
SJF0401-IBLA	Manganese-55	0.0230	0.142	0.500	ug/L	
SJF0401-IBLA	Potassium-39 (dissolved)	-3.47	10.9	20.0	ug/L	
SJF0401-IBLA	Potassium-39	-3.47	10.9	20.0	ug/L	
SJF0401-IBLA	Sodium-23 (dissolved)	0.84	16.4	100	ug/L	
SJF0401-IBLA	Sodium-23	0.84	16.4	100	ug/L	
SJF0401-IBLB	Aluminum-27 (dissolved)	0.356	2.92	20.0	ug/L	
SJF0401-IBLB	Calcium-44 (dissolved)	3.88	11.1	50.0	ug/L	
SJF0401-IBLB	Calcium-44	3.88	11.1	50.0	ug/L	
SJF0401-IBLB	Iron-54 (dissolved)	-0.084	18.2	36.0	ug/L	
SJF0401-IBLB	Iron-54	-0.084	18.2	36.0	ug/L	
SJF0401-IBLB	Iron-57 (dissolved)	-4.34	6.63	20.0	ug/L	
SJF0401-IBLB	Iron-57	-4.34	6.63	36.0	ug/L	
SJF0401-IBLB	Lead-208 (dissolved)	0.00800	0.0513	0.100	ug/L	
SJF0401-IBLB	Lead-208	0.00800	0.0513	0.100	ug/L	
SJF0401-IBLB	Magnesium-24 (dissolved)	0.201	2.22	20.0	ug/L	
SJF0401-IBLB	Magnesium-24	0.201	2.22	20.0	ug/L	
SJF0401-IBLB	Manganese-55	0.0190	0.142	0.500	ug/L	
SJF0401-IBLB	Manganese-55 (dissolved)	0.0190	0.142	0.500	ug/L	
SJF0401-IBLB	Potassium-39	-1.34	10.9	20.0	ug/L	
SJF0401-IBLB	Potassium-39 (dissolved)	-1.34	10.9	20.0	ug/L	
SJF0401-IBLB	Sodium-23 (dissolved)	0.79	16.4	100	ug/L	
SJF0401-IBLB	Sodium-23	0.79	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/28/21 23:49

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB9	Aluminum-27 (dissolved)	0.451	2.92	20.0	ug/L	
SJF0401-CCB9	Calcium-44 (dissolved)	0.985	11.1	50.0	ug/L	
SJF0401-CCB9	Calcium-44	0.985	11.1	50.0	ug/L	
SJF0401-CCB9	Iron-54	3.78	18.2	36.0	ug/L	
SJF0401-CCB9	Iron-54 (dissolved)	3.78	18.2	36.0	ug/L	
SJF0401-CCB9	Iron-57 (dissolved)	4.85	6.63	20.0	ug/L	
SJF0401-CCB9	Iron-57	4.85	6.63	36.0	ug/L	
SJF0401-CCB9	Lead-208	0.00500	0.0513	0.100	ug/L	
SJF0401-CCB9	Lead-208 (dissolved)	0.00500	0.0513	0.100	ug/L	
SJF0401-CCB9	Magnesium-24 (dissolved)	0.111	2.22	20.0	ug/L	
SJF0401-CCB9	Magnesium-24	0.111	2.22	20.0	ug/L	
SJF0401-CCB9	Manganese-55 (dissolved)	0.0490	0.142	0.500	ug/L	
SJF0401-CCB9	Manganese-55	0.0490	0.142	0.500	ug/L	
SJF0401-CCB9	Potassium-39 (dissolved)	-0.917	10.9	20.0	ug/L	
SJF0401-CCB9	Potassium-39	-0.917	10.9	20.0	ug/L	
SJF0401-CCB9	Sodium-23 (dissolved)	1.32	16.4	100	ug/L	
SJF0401-CCB9	Sodium-23	1.32	16.4	100	ug/L	
SJF0401-IBLC	Aluminum-27 (dissolved)	0.363	2.92	20.0	ug/L	
SJF0401-IBLC	Calcium-44 (dissolved)	3.49	11.1	50.0	ug/L	
SJF0401-IBLC	Calcium-44	3.49	11.1	50.0	ug/L	
SJF0401-IBLC	Iron-54 (dissolved)	0.289	18.2	36.0	ug/L	
SJF0401-IBLC	Iron-54	0.289	18.2	36.0	ug/L	
SJF0401-IBLC	Iron-57 (dissolved)	-2.79	6.63	20.0	ug/L	
SJF0401-IBLC	Iron-57	-2.79	6.63	36.0	ug/L	
SJF0401-IBLC	Lead-208	0.00800	0.0513	0.100	ug/L	
SJF0401-IBLC	Lead-208 (dissolved)	0.00800	0.0513	0.100	ug/L	
SJF0401-IBLC	Magnesium-24	0.195	2.22	20.0	ug/L	
SJF0401-IBLC	Magnesium-24 (dissolved)	0.195	2.22	20.0	ug/L	
SJF0401-IBLC	Manganese-55 (dissolved)	0.0190	0.142	0.500	ug/L	
SJF0401-IBLC	Manganese-55	0.0190	0.142	0.500	ug/L	
SJF0401-IBLC	Potassium-39	2.34	10.9	20.0	ug/L	
SJF0401-IBLC	Potassium-39 (dissolved)	2.34	10.9	20.0	ug/L	
SJF0401-IBLC	Sodium-23 (dissolved)	0.48	16.4	100	ug/L	
SJF0401-IBLC	Sodium-23	0.48	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/29/21 00:55

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCBA	Aluminum-27 (dissolved)	0.450	2.92	20.0	ug/L	
SJF0401-CCBA	Calcium-44	0.618	11.1	50.0	ug/L	
SJF0401-CCBA	Calcium-44 (dissolved)	0.618	11.1	50.0	ug/L	
SJF0401-CCBA	Iron-54 (dissolved)	3.19	18.2	36.0	ug/L	
SJF0401-CCBA	Iron-54	3.19	18.2	36.0	ug/L	
SJF0401-CCBA	Iron-57 (dissolved)	5.39	6.63	20.0	ug/L	
SJF0401-CCBA	Iron-57	5.39	6.63	36.0	ug/L	
SJF0401-CCBA	Lead-208	0.00500	0.0513	0.100	ug/L	
SJF0401-CCBA	Lead-208 (dissolved)	0.00500	0.0513	0.100	ug/L	
SJF0401-CCBA	Magnesium-24	0.124	2.22	20.0	ug/L	
SJF0401-CCBA	Magnesium-24 (dissolved)	0.124	2.22	20.0	ug/L	
SJF0401-CCBA	Manganese-55 (dissolved)	0.0470	0.142	0.500	ug/L	
SJF0401-CCBA	Manganese-55	0.0470	0.142	0.500	ug/L	
SJF0401-CCBA	Potassium-39	1.14	10.9	20.0	ug/L	
SJF0401-CCBA	Potassium-39 (dissolved)	1.14	10.9	20.0	ug/L	
SJF0401-CCBA	Sodium-23 (dissolved)	1.05	16.4	100	ug/L	
SJF0401-CCBA	Sodium-23	1.05	16.4	100	ug/L	
SJF0401-CCBB	Aluminum-27 (dissolved)	0.002	2.92	20.0	ug/L	
SJF0401-CCBB	Calcium-44 (dissolved)	-0.364	11.1	50.0	ug/L	
SJF0401-CCBB	Calcium-44	-0.364	11.1	50.0	ug/L	
SJF0401-CCBB	Iron-54 (dissolved)	-0.671	18.2	36.0	ug/L	
SJF0401-CCBB	Iron-54	-0.671	18.2	36.0	ug/L	
SJF0401-CCBB	Iron-57 (dissolved)	-0.541	6.63	20.0	ug/L	
SJF0401-CCBB	Iron-57	-0.541	6.63	36.0	ug/L	
SJF0401-CCBB	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0401-CCBB	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0401-CCBB	Magnesium-24	0.003	2.22	20.0	ug/L	
SJF0401-CCBB	Magnesium-24 (dissolved)	0.003	2.22	20.0	ug/L	
SJF0401-CCBB	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-CCBB	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-CCBB	Potassium-39	-0.747	10.9	20.0	ug/L	
SJF0401-CCBB	Potassium-39 (dissolved)	-0.747	10.9	20.0	ug/L	
SJF0401-CCBB	Sodium-23	0.02	16.4	100	ug/L	
SJF0401-CCBB	Sodium-23 (dissolved)	0.02	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/29/21 11:26

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCBC	Aluminum-27 (dissolved)	0.056	2.92	20.0	ug/L	
SJF0401-CCBC	Calcium-44 (dissolved)	0.074	11.1	50.0	ug/L	
SJF0401-CCBC	Calcium-44	0.074	11.1	50.0	ug/L	
SJF0401-CCBC	Iron-54	-0.107	18.2	36.0	ug/L	
SJF0401-CCBC	Iron-54 (dissolved)	-0.107	18.2	36.0	ug/L	
SJF0401-CCBC	Iron-57 (dissolved)	4.76	6.63	20.0	ug/L	
SJF0401-CCBC	Iron-57	4.76	6.63	36.0	ug/L	
SJF0401-CCBC	Lead-208 (dissolved)	0.00100	0.0513	0.100	ug/L	
SJF0401-CCBC	Lead-208	0.00100	0.0513	0.100	ug/L	
SJF0401-CCBC	Magnesium-24 (dissolved)	0.044	2.22	20.0	ug/L	
SJF0401-CCBC	Magnesium-24	0.044	2.22	20.0	ug/L	
SJF0401-CCBC	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-CCBC	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-CCBC	Potassium-39 (dissolved)	2.06	10.9	20.0	ug/L	
SJF0401-CCBC	Potassium-39	2.06	10.9	20.0	ug/L	
SJF0401-CCBC	Sodium-23 (dissolved)	0.06	16.4	100	ug/L	
SJF0401-CCBC	Sodium-23	0.06	16.4	100	ug/L	
SJF0401-IBLE	Aluminum-27 (dissolved)	0.142	2.92	20.0	ug/L	
SJF0401-IBLE	Calcium-44	5.09	11.1	50.0	ug/L	
SJF0401-IBLE	Calcium-44 (dissolved)	5.09	11.1	50.0	ug/L	
SJF0401-IBLE	Iron-54	-2.55	18.2	36.0	ug/L	
SJF0401-IBLE	Iron-54 (dissolved)	-2.55	18.2	36.0	ug/L	
SJF0401-IBLE	Iron-57	-3.58	6.63	36.0	ug/L	
SJF0401-IBLE	Iron-57 (dissolved)	-3.58	6.63	20.0	ug/L	
SJF0401-IBLE	Lead-208	0.00700	0.0513	0.100	ug/L	
SJF0401-IBLE	Lead-208 (dissolved)	0.00700	0.0513	0.100	ug/L	
SJF0401-IBLE	Magnesium-24 (dissolved)	0.186	2.22	20.0	ug/L	
SJF0401-IBLE	Magnesium-24	0.186	2.22	20.0	ug/L	
SJF0401-IBLE	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-IBLE	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-IBLE	Potassium-39 (dissolved)	2.36	10.9	20.0	ug/L	
SJF0401-IBLE	Potassium-39	2.36	10.9	20.0	ug/L	
SJF0401-IBLE	Sodium-23 (dissolved)	0.61	16.4	100	ug/L	
SJF0401-IBLE	Sodium-23	0.61	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/29/21 12:53

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCBD	Aluminum-27 (dissolved)	0.027	2.92	20.0	ug/L	
SJF0401-CCBD	Calcium-44 (dissolved)	0.336	11.1	50.0	ug/L	
SJF0401-CCBD	Calcium-44	0.336	11.1	50.0	ug/L	
SJF0401-CCBD	Iron-54 (dissolved)	-0.245	18.2	36.0	ug/L	
SJF0401-CCBD	Iron-54	-0.245	18.2	36.0	ug/L	
SJF0401-CCBD	Iron-57	4.70	6.63	36.0	ug/L	
SJF0401-CCBD	Iron-57 (dissolved)	4.70	6.63	20.0	ug/L	
SJF0401-CCBD	Lead-208 (dissolved)	0.00300	0.0513	0.100	ug/L	
SJF0401-CCBD	Lead-208	0.00300	0.0513	0.100	ug/L	
SJF0401-CCBD	Magnesium-24 (dissolved)	0.022	2.22	20.0	ug/L	
SJF0401-CCBD	Magnesium-24	0.022	2.22	20.0	ug/L	
SJF0401-CCBD	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-CCBD	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-CCBD	Potassium-39	1.80	10.9	20.0	ug/L	
SJF0401-CCBD	Potassium-39 (dissolved)	1.80	10.9	20.0	ug/L	
SJF0401-CCBD	Sodium-23 (dissolved)	0.09	16.4	100	ug/L	
SJF0401-CCBD	Sodium-23	0.09	16.4	100	ug/L	
SJF0401-IBLF	Aluminum-27 (dissolved)	-0.119	2.92	20.0	ug/L	
SJF0401-IBLF	Calcium-44	-0.975	11.1	50.0	ug/L	
SJF0401-IBLF	Calcium-44 (dissolved)	-0.975	11.1	50.0	ug/L	
SJF0401-IBLF	Iron-54 (dissolved)	-1.59	18.2	36.0	ug/L	
SJF0401-IBLF	Iron-54	-1.59	18.2	36.0	ug/L	
SJF0401-IBLF	Iron-57 (dissolved)	1.06	6.63	20.0	ug/L	
SJF0401-IBLF	Iron-57	1.06	6.63	36.0	ug/L	
SJF0401-IBLF	Lead-208	-0.00200	0.0513	0.100	ug/L	
SJF0401-IBLF	Lead-208 (dissolved)	-0.00200	0.0513	0.100	ug/L	
SJF0401-IBLF	Magnesium-24 (dissolved)	0.087	2.22	20.0	ug/L	
SJF0401-IBLF	Magnesium-24	0.087	2.22	20.0	ug/L	
SJF0401-IBLF	Manganese-55	-0.0160	0.142	0.500	ug/L	
SJF0401-IBLF	Manganese-55 (dissolved)	-0.0160	0.142	0.500	ug/L	
SJF0401-IBLF	Potassium-39	3.92	10.9	20.0	ug/L	
SJF0401-IBLF	Potassium-39 (dissolved)	3.92	10.9	20.0	ug/L	
SJF0401-IBLF	Sodium-23	-0.69	16.4	100	ug/L	
SJF0401-IBLF	Sodium-23 (dissolved)	-0.69	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/29/21 13:38

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBLG	Aluminum-27 (dissolved)	-0.072	2.92	20.0	ug/L	
SJF0401-IBLG	Calcium-44	-0.725	11.1	50.0	ug/L	
SJF0401-IBLG	Calcium-44 (dissolved)	-0.725	11.1	50.0	ug/L	
SJF0401-IBLG	Iron-54	-2.33	18.2	36.0	ug/L	
SJF0401-IBLG	Iron-54 (dissolved)	-2.33	18.2	36.0	ug/L	
SJF0401-IBLG	Iron-57 (dissolved)	-2.04	6.63	20.0	ug/L	
SJF0401-IBLG	Iron-57	-2.04	6.63	36.0	ug/L	
SJF0401-IBLG	Lead-208	-0.00200	0.0513	0.100	ug/L	
SJF0401-IBLG	Lead-208 (dissolved)	-0.00200	0.0513	0.100	ug/L	
SJF0401-IBLG	Magnesium-24	0.153	2.22	20.0	ug/L	
SJF0401-IBLG	Magnesium-24 (dissolved)	0.153	2.22	20.0	ug/L	
SJF0401-IBLG	Manganese-55	-0.0190	0.142	0.500	ug/L	
SJF0401-IBLG	Manganese-55 (dissolved)	-0.0190	0.142	0.500	ug/L	
SJF0401-IBLG	Potassium-39	3.40	10.9	20.0	ug/L	
SJF0401-IBLG	Potassium-39 (dissolved)	3.40	10.9	20.0	ug/L	
SJF0401-IBLG	Sodium-23 (dissolved)	-0.66	16.4	100	ug/L	
SJF0401-IBLG	Sodium-23	-0.66	16.4	100	ug/L	
SJF0401-CCBE	Aluminum-27 (dissolved)	0.047	2.92	20.0	ug/L	
SJF0401-CCBE	Calcium-44	0.451	11.1	50.0	ug/L	
SJF0401-CCBE	Calcium-44 (dissolved)	0.451	11.1	50.0	ug/L	
SJF0401-CCBE	Iron-54	0.146	18.2	36.0	ug/L	
SJF0401-CCBE	Iron-54 (dissolved)	0.146	18.2	36.0	ug/L	
SJF0401-CCBE	Iron-57	2.67	6.63	36.0	ug/L	
SJF0401-CCBE	Iron-57 (dissolved)	2.67	6.63	20.0	ug/L	
SJF0401-CCBE	Lead-208	0.00400	0.0513	0.100	ug/L	
SJF0401-CCBE	Lead-208 (dissolved)	0.00400	0.0513	0.100	ug/L	
SJF0401-CCBE	Magnesium-24 (dissolved)	0.030	2.22	20.0	ug/L	
SJF0401-CCBE	Magnesium-24	0.030	2.22	20.0	ug/L	
SJF0401-CCBE	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJF0401-CCBE	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0401-CCBE	Potassium-39	3.65	10.9	20.0	ug/L	
SJF0401-CCBE	Potassium-39 (dissolved)	3.65	10.9	20.0	ug/L	
SJF0401-CCBE	Sodium-23 (dissolved)	0.08	16.4	100	ug/L	
SJF0401-CCBE	Sodium-23	0.08	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/29/21 14:27

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBLH	Aluminum-27 (dissolved)	1.33	2.92	20.0	ug/L	
SJF0401-IBLH	Calcium-44	-1.54	11.1	50.0	ug/L	
SJF0401-IBLH	Calcium-44 (dissolved)	-1.54	11.1	50.0	ug/L	
SJF0401-IBLH	Iron-54 (dissolved)	-0.687	18.2	36.0	ug/L	
SJF0401-IBLH	Iron-54	-0.687	18.2	36.0	ug/L	
SJF0401-IBLH	Iron-57 (dissolved)	21.3	6.63	20.0	ug/L	
SJF0401-IBLH	Iron-57	21.3	6.63	36.0	ug/L	
SJF0401-IBLH	Lead-208 (dissolved)	0.00	0.0513	0.100	ug/L	
SJF0401-IBLH	Lead-208	0.00	0.0513	0.100	ug/L	
SJF0401-IBLH	Magnesium-24 (dissolved)	0.494	2.22	20.0	ug/L	
SJF0401-IBLH	Magnesium-24	0.494	2.22	20.0	ug/L	
SJF0401-IBLH	Manganese-55 (dissolved)	0.00500	0.142	0.500	ug/L	
SJF0401-IBLH	Manganese-55	0.00500	0.142	0.500	ug/L	
SJF0401-IBLH	Potassium-39 (dissolved)	-1.67	10.9	20.0	ug/L	
SJF0401-IBLH	Potassium-39	-1.67	10.9	20.0	ug/L	
SJF0401-IBLH	Sodium-23	-0.64	16.4	100	ug/L	
SJF0401-IBLH	Sodium-23 (dissolved)	-0.64	16.4	100	ug/L	
SJF0401-CCBF	Aluminum-27 (dissolved)	0.311	2.92	20.0	ug/L	
SJF0401-CCBF	Calcium-44 (dissolved)	0.486	11.1	50.0	ug/L	
SJF0401-CCBF	Calcium-44	0.486	11.1	50.0	ug/L	
SJF0401-CCBF	Iron-54	0.588	18.2	36.0	ug/L	
SJF0401-CCBF	Iron-54 (dissolved)	0.588	18.2	36.0	ug/L	
SJF0401-CCBF	Iron-57	11.2	6.63	36.0	ug/L	
SJF0401-CCBF	Iron-57 (dissolved)	11.2	6.63	20.0	ug/L	
SJF0401-CCBF	Lead-208 (dissolved)	0.00600	0.0513	0.100	ug/L	
SJF0401-CCBF	Lead-208	0.00600	0.0513	0.100	ug/L	
SJF0401-CCBF	Magnesium-24	0.251	2.22	20.0	ug/L	
SJF0401-CCBF	Magnesium-24 (dissolved)	0.251	2.22	20.0	ug/L	
SJF0401-CCBF	Manganese-55	0.00500	0.142	0.500	ug/L	
SJF0401-CCBF	Manganese-55 (dissolved)	0.00500	0.142	0.500	ug/L	
SJF0401-CCBF	Potassium-39 (dissolved)	0.765	10.9	20.0	ug/L	
SJF0401-CCBF	Potassium-39	0.765	10.9	20.0	ug/L	
SJF0401-CCBF	Sodium-23 (dissolved)	0.30	16.4	100	ug/L	
SJF0401-CCBF	Sodium-23	0.30	16.4	100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0402

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00082
Date Analyzed: 06/29/21 17:12

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0402-IBL1	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0402-ICB1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0402-CCB1	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0402-IBL2	Manganese-55	0.0280	0.142	0.500	ug/L	
SJF0402-IBL3	Manganese-55	0.0230	0.142	0.500	ug/L	
SJF0402-CCB2	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0402-CCB3	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0402-IBL4	Manganese-55	0.0150	0.142	0.500	ug/L	
SJF0402-CCB4	Manganese-55	0.0100	0.142	0.500	ug/L	
SJF0402-CCB5	Manganese-55	-0.00100	0.142	0.500	ug/L	
SJF0402-IBL5	Manganese-55	0.0250	0.142	0.500	ug/L	
SJF0402-CCB6	Manganese-55	-0.00100	0.142	0.500	ug/L	
SJF0402-IBL6	Manganese-55	0.00600	0.142	0.500	ug/L	
SJF0402-CCB7	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0402-CCB8	Manganese-55	-0.00100	0.142	0.500	ug/L	
SJF0402-IBL7	Manganese-55	0.0140	0.142	0.500	ug/L	
SJF0402-CCB9	Manganese-55	0.00900	0.142	0.500	ug/L	
SJF0402-IBL8	Manganese-55	0.0130	0.142	0.500	ug/L	
SJF0402-IBL9	Manganese-55	0.00400	0.142	0.500	ug/L	
SJF0402-CCBA	Manganese-55	0.00200	0.142	0.500	ug/L	
SJF0402-IBLA	Manganese-55	0.0310	0.142	0.500	ug/L	
SJF0402-CCBB	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0402-CCBC	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0402-IBLB	Manganese-55	0.00800	0.142	0.500	ug/L	
SJF0402-CCBD	Manganese-55	0.00	0.142	0.500	ug/L	
SJF0402-IBLC	Manganese-55	0.00200	0.142	0.500	ug/L	
SJF0402-CCBE	Manganese-55	-0.00200	0.142	0.500	ug/L	
SJF0402-IBLD	Manganese-55	0.00700	0.142	0.500	ug/L	
SJF0402-CCBF	Manganese-55	-0.00200	0.142	0.500	ug/L	
SJF0402-IBLE	Manganese-55	0.00100	0.142	0.500	ug/L	
SJF0402-CCBG	Manganese-55	-0.00200	0.142	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJG0200

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EG00050
Date Analyzed: 07/15/21 14:49

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBL1	Aluminum-27 (dissolved)	-0.069	2.92	20.0	ug/L	
SJG0200-IBL1	Aluminum-27	-0.069	2.92	20.0	ug/L	
SJG0200-IBL1	Calcium-44	0.083	11.1	50.0	ug/L	
SJG0200-IBL1	Calcium-44 (dissolved)	0.083	11.1	50.0	ug/L	
SJG0200-IBL1	Iron-54	0.143	18.2	36.0	ug/L	
SJG0200-IBL1	Iron-54 (dissolved)	0.143	18.2	36.0	ug/L	
SJG0200-IBL1	Iron-57	-4.24	6.63	36.0	ug/L	
SJG0200-IBL1	Iron-57 (dissolved)	-4.24	6.63	20.0	ug/L	
SJG0200-IBL1	Magnesium-24	0.083	2.22	20.0	ug/L	
SJG0200-IBL1	Magnesium-24 (dissolved)	0.083	2.22	20.0	ug/L	
SJG0200-IBL1	Manganese-55 (dissolved)	0.00200	0.142	0.500	ug/L	
SJG0200-IBL1	Manganese-55	0.00200	0.142	0.500	ug/L	
SJG0200-IBL1	Potassium-39	2.02	10.9	20.0	ug/L	
SJG0200-IBL1	Potassium-39 (dissolved)	2.02	10.9	20.0	ug/L	
SJG0200-IBL1	Sodium-23	0.71	16.4	100	ug/L	
SJG0200-IBL1	Sodium-23 (dissolved)	0.71	16.4	100	ug/L	
SJG0200-ICB1	Aluminum-27 (dissolved)	-0.085	2.92	20.0	ug/L	
SJG0200-ICB1	Aluminum-27	-0.085	2.92	20.0	ug/L	
SJG0200-ICB1	Calcium-44	-1.16	11.1	50.0	ug/L	
SJG0200-ICB1	Calcium-44 (dissolved)	-1.16	11.1	50.0	ug/L	
SJG0200-ICB1	Iron-54	-0.143	18.2	36.0	ug/L	
SJG0200-ICB1	Iron-54 (dissolved)	-0.143	18.2	36.0	ug/L	
SJG0200-ICB1	Iron-57 (dissolved)	-4.00	6.63	20.0	ug/L	
SJG0200-ICB1	Iron-57	-4.00	6.63	36.0	ug/L	
SJG0200-ICB1	Magnesium-24 (dissolved)	0.088	2.22	20.0	ug/L	
SJG0200-ICB1	Magnesium-24	0.088	2.22	20.0	ug/L	
SJG0200-ICB1	Manganese-55 (dissolved)	0.0190	0.142	0.500	ug/L	
SJG0200-ICB1	Manganese-55	0.0190	0.142	0.500	ug/L	
SJG0200-ICB1	Potassium-39 (dissolved)	1.44	10.9	20.0	ug/L	
SJG0200-ICB1	Potassium-39	1.44	10.9	20.0	ug/L	
SJG0200-ICB1	Sodium-23 (dissolved)	0.21	16.4	100	ug/L	
SJG0200-ICB1	Sodium-23	0.21	16.4	100	ug/L	
SJG0200-CCB1	Aluminum-27 (dissolved)	-0.008	2.92	20.0	ug/L	
SJG0200-CCB1	Aluminum-27	-0.008	2.92	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 15:18

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCB1	Calcium-44 (dissolved)	-1.56	11.1	50.0	ug/L	
SJG0200-CCB1	Calcium-44	-1.56	11.1	50.0	ug/L	
SJG0200-CCB1	Iron-54	0.505	18.2	36.0	ug/L	
SJG0200-CCB1	Iron-54 (dissolved)	0.505	18.2	36.0	ug/L	
SJG0200-CCB1	Iron-57	-4.33	6.63	36.0	ug/L	
SJG0200-CCB1	Iron-57 (dissolved)	-4.33	6.63	20.0	ug/L	
SJG0200-CCB1	Magnesium-24	0.174	2.22	20.0	ug/L	
SJG0200-CCB1	Magnesium-24 (dissolved)	0.174	2.22	20.0	ug/L	
SJG0200-CCB1	Manganese-55	0.0140	0.142	0.500	ug/L	
SJG0200-CCB1	Manganese-55 (dissolved)	0.0140	0.142	0.500	ug/L	
SJG0200-CCB1	Potassium-39	2.02	10.9	20.0	ug/L	
SJG0200-CCB1	Potassium-39 (dissolved)	2.02	10.9	20.0	ug/L	
SJG0200-CCB1	Sodium-23 (dissolved)	0.21	16.4	100	ug/L	
SJG0200-CCB1	Sodium-23	0.21	16.4	100	ug/L	
SJG0200-IBL2	Aluminum-27 (dissolved)	0.546	2.92	20.0	ug/L	
SJG0200-IBL2	Aluminum-27	0.546	2.92	20.0	ug/L	
SJG0200-IBL2	Calcium-44	6.08	11.1	50.0	ug/L	
SJG0200-IBL2	Calcium-44 (dissolved)	6.08	11.1	50.0	ug/L	
SJG0200-IBL2	Iron-54 (dissolved)	1.50	18.2	36.0	ug/L	
SJG0200-IBL2	Iron-54	1.50	18.2	36.0	ug/L	
SJG0200-IBL2	Iron-57	-4.66	6.63	36.0	ug/L	
SJG0200-IBL2	Iron-57 (dissolved)	-4.66	6.63	20.0	ug/L	
SJG0200-IBL2	Magnesium-24	0.641	2.22	20.0	ug/L	
SJG0200-IBL2	Magnesium-24 (dissolved)	0.641	2.22	20.0	ug/L	
SJG0200-IBL2	Manganese-55	0.0160	0.142	0.500	ug/L	
SJG0200-IBL2	Manganese-55 (dissolved)	0.0160	0.142	0.500	ug/L	
SJG0200-IBL2	Potassium-39 (dissolved)	3.57	10.9	20.0	ug/L	
SJG0200-IBL2	Potassium-39	3.57	10.9	20.0	ug/L	
SJG0200-IBL2	Sodium-23 (dissolved)	2.35	16.4	100	ug/L	
SJG0200-IBL2	Sodium-23	2.35	16.4	100	ug/L	
SJG0200-IBL3	Aluminum-27	0.198	2.92	20.0	ug/L	
SJG0200-IBL3	Aluminum-27 (dissolved)	0.198	2.92	20.0	ug/L	
SJG0200-IBL3	Calcium-44	5.00	11.1	50.0	ug/L	
SJG0200-IBL3	Calcium-44 (dissolved)	5.00	11.1	50.0	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJG0200

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EG00050
Date Analyzed: 07/15/21 15:54

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBL3	Iron-54	-0.663	18.2	36.0	ug/L	
SJG0200-IBL3	Iron-54 (dissolved)	-0.663	18.2	36.0	ug/L	
SJG0200-IBL3	Iron-57	-4.87	6.63	36.0	ug/L	
SJG0200-IBL3	Iron-57 (dissolved)	-4.87	6.63	20.0	ug/L	
SJG0200-IBL3	Magnesium-24	0.301	2.22	20.0	ug/L	
SJG0200-IBL3	Magnesium-24 (dissolved)	0.301	2.22	20.0	ug/L	
SJG0200-IBL3	Manganese-55 (dissolved)	0.0100	0.142	0.500	ug/L	
SJG0200-IBL3	Manganese-55	0.0100	0.142	0.500	ug/L	
SJG0200-IBL3	Potassium-39 (dissolved)	1.72	10.9	20.0	ug/L	
SJG0200-IBL3	Potassium-39	1.72	10.9	20.0	ug/L	
SJG0200-IBL3	Sodium-23	1.05	16.4	100	ug/L	
SJG0200-IBL3	Sodium-23 (dissolved)	1.05	16.4	100	ug/L	
SJG0200-CCB2	Aluminum-27	-0.020	2.92	20.0	ug/L	
SJG0200-CCB2	Aluminum-27 (dissolved)	-0.020	2.92	20.0	ug/L	
SJG0200-CCB2	Calcium-44 (dissolved)	-2.48	11.1	50.0	ug/L	
SJG0200-CCB2	Calcium-44	-2.48	11.1	50.0	ug/L	
SJG0200-CCB2	Iron-54 (dissolved)	1.18	18.2	36.0	ug/L	
SJG0200-CCB2	Iron-54	1.18	18.2	36.0	ug/L	
SJG0200-CCB2	Iron-57 (dissolved)	-4.57	6.63	20.0	ug/L	
SJG0200-CCB2	Iron-57	-4.57	6.63	36.0	ug/L	
SJG0200-CCB2	Magnesium-24 (dissolved)	0.186	2.22	20.0	ug/L	
SJG0200-CCB2	Magnesium-24	0.186	2.22	20.0	ug/L	
SJG0200-CCB2	Manganese-55 (dissolved)	-0.00200	0.142	0.500	ug/L	
SJG0200-CCB2	Manganese-55	-0.00200	0.142	0.500	ug/L	
SJG0200-CCB2	Potassium-39 (dissolved)	1.99	10.9	20.0	ug/L	
SJG0200-CCB2	Potassium-39	1.99	10.9	20.0	ug/L	
SJG0200-CCB2	Sodium-23	0.44	16.4	100	ug/L	
SJG0200-CCB2	Sodium-23 (dissolved)	0.44	16.4	100	ug/L	
SJG0200-IBL4	Aluminum-27 (dissolved)	0.060	2.92	20.0	ug/L	
SJG0200-IBL4	Aluminum-27	0.060	2.92	20.0	ug/L	
SJG0200-IBL4	Calcium-44 (dissolved)	-2.63	11.1	50.0	ug/L	
SJG0200-IBL4	Calcium-44	-2.63	11.1	50.0	ug/L	
SJG0200-IBL4	Iron-54	-0.610	18.2	36.0	ug/L	
SJG0200-IBL4	Iron-54 (dissolved)	-0.610	18.2	36.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 17:04

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBL4	Iron-57 (dissolved)	-7.91	6.63	20.0	ug/L	
SJG0200-IBL4	Iron-57	-7.91	6.63	36.0	ug/L	
SJG0200-IBL4	Magnesium-24	0.184	2.22	20.0	ug/L	
SJG0200-IBL4	Magnesium-24 (dissolved)	0.184	2.22	20.0	ug/L	
SJG0200-IBL4	Manganese-55 (dissolved)	0.00400	0.142	0.500	ug/L	
SJG0200-IBL4	Manganese-55	0.00400	0.142	0.500	ug/L	
SJG0200-IBL4	Potassium-39 (dissolved)	1.74	10.9	20.0	ug/L	
SJG0200-IBL4	Potassium-39	1.74	10.9	20.0	ug/L	
SJG0200-IBL4	Sodium-23 (dissolved)	-0.16	16.4	100	ug/L	
SJG0200-IBL4	Sodium-23	-0.16	16.4	100	ug/L	
SJG0200-CCB3	Aluminum-27 (dissolved)	-0.013	2.92	20.0	ug/L	
SJG0200-CCB3	Aluminum-27	-0.013	2.92	20.0	ug/L	
SJG0200-CCB3	Calcium-44 (dissolved)	-3.39	11.1	50.0	ug/L	
SJG0200-CCB3	Calcium-44	-3.39	11.1	50.0	ug/L	
SJG0200-CCB3	Iron-54	0.271	18.2	36.0	ug/L	
SJG0200-CCB3	Iron-54 (dissolved)	0.271	18.2	36.0	ug/L	
SJG0200-CCB3	Iron-57 (dissolved)	-7.38	6.63	20.0	ug/L	
SJG0200-CCB3	Iron-57	-7.38	6.63	36.0	ug/L	
SJG0200-CCB3	Magnesium-24	0.186	2.22	20.0	ug/L	
SJG0200-CCB3	Magnesium-24 (dissolved)	0.186	2.22	20.0	ug/L	
SJG0200-CCB3	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJG0200-CCB3	Manganese-55	0.00100	0.142	0.500	ug/L	
SJG0200-CCB3	Potassium-39 (dissolved)	2.59	10.9	20.0	ug/L	
SJG0200-CCB3	Potassium-39	2.59	10.9	20.0	ug/L	
SJG0200-CCB3	Sodium-23	-0.13	16.4	100	ug/L	
SJG0200-CCB3	Sodium-23 (dissolved)	-0.13	16.4	100	ug/L	
SJG0200-CCB4	Aluminum-27	0.054	2.92	20.0	ug/L	
SJG0200-CCB4	Aluminum-27 (dissolved)	0.054	2.92	20.0	ug/L	
SJG0200-CCB4	Calcium-44	-0.138	11.1	50.0	ug/L	
SJG0200-CCB4	Calcium-44 (dissolved)	-0.138	11.1	50.0	ug/L	
SJG0200-CCB4	Iron-54 (dissolved)	0.529	18.2	36.0	ug/L	
SJG0200-CCB4	Iron-54	0.529	18.2	36.0	ug/L	
SJG0200-CCB4	Iron-57 (dissolved)	0.777	6.63	20.0	ug/L	
SJG0200-CCB4	Iron-57	0.777	6.63	36.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 17:30

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCB4	Magnesium-24 (dissolved)	0.048	2.22	20.0	ug/L	
SJG0200-CCB4	Magnesium-24	0.048	2.22	20.0	ug/L	
SJG0200-CCB4	Manganese-55 (dissolved)	0.00800	0.142	0.500	ug/L	
SJG0200-CCB4	Manganese-55	0.00800	0.142	0.500	ug/L	
SJG0200-CCB4	Potassium-39 (dissolved)	0.595	10.9	20.0	ug/L	
SJG0200-CCB4	Potassium-39	0.595	10.9	20.0	ug/L	
SJG0200-CCB4	Sodium-23	-0.001	16.4	100	ug/L	
SJG0200-CCB4	Sodium-23 (dissolved)	-0.001	16.4	100	ug/L	
SJG0200-IBL5	Aluminum-27	0.277	2.92	20.0	ug/L	
SJG0200-IBL5	Aluminum-27 (dissolved)	0.277	2.92	20.0	ug/L	
SJG0200-IBL5	Calcium-44 (dissolved)	0.795	11.1	50.0	ug/L	
SJG0200-IBL5	Calcium-44	0.795	11.1	50.0	ug/L	
SJG0200-IBL5	Iron-54	-0.097	18.2	36.0	ug/L	
SJG0200-IBL5	Iron-54 (dissolved)	-0.097	18.2	36.0	ug/L	
SJG0200-IBL5	Iron-57 (dissolved)	0.258	6.63	20.0	ug/L	
SJG0200-IBL5	Iron-57	0.258	6.63	36.0	ug/L	
SJG0200-IBL5	Magnesium-24 (dissolved)	0.228	2.22	20.0	ug/L	
SJG0200-IBL5	Magnesium-24	0.228	2.22	20.0	ug/L	
SJG0200-IBL5	Manganese-55 (dissolved)	0.0450	0.142	0.500	ug/L	
SJG0200-IBL5	Manganese-55	0.0450	0.142	0.500	ug/L	
SJG0200-IBL5	Potassium-39 (dissolved)	-1.84	10.9	20.0	ug/L	
SJG0200-IBL5	Potassium-39	-1.84	10.9	20.0	ug/L	
SJG0200-IBL5	Sodium-23 (dissolved)	-0.19	16.4	100	ug/L	
SJG0200-IBL5	Sodium-23	-0.19	16.4	100	ug/L	
SJG0200-CCB5	Aluminum-27 (dissolved)	0.131	2.92	20.0	ug/L	
SJG0200-CCB5	Aluminum-27	0.131	2.92	20.0	ug/L	
SJG0200-CCB5	Calcium-44 (dissolved)	-0.448	11.1	50.0	ug/L	
SJG0200-CCB5	Calcium-44	-0.448	11.1	50.0	ug/L	
SJG0200-CCB5	Iron-54 (dissolved)	0.559	18.2	36.0	ug/L	
SJG0200-CCB5	Iron-54	0.559	18.2	36.0	ug/L	
SJG0200-CCB5	Iron-57	1.93	6.63	36.0	ug/L	
SJG0200-CCB5	Iron-57 (dissolved)	1.93	6.63	20.0	ug/L	
SJG0200-CCB5	Magnesium-24 (dissolved)	0.119	2.22	20.0	ug/L	
SJG0200-CCB5	Magnesium-24	0.119	2.22	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 18:21

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCB5	Manganese-55	0.0290	0.142	0.500	ug/L	
SJG0200-CCB5	Manganese-55 (dissolved)	0.0290	0.142	0.500	ug/L	
SJG0200-CCB5	Potassium-39	-0.446	10.9	20.0	ug/L	
SJG0200-CCB5	Potassium-39 (dissolved)	-0.446	10.9	20.0	ug/L	
SJG0200-CCB5	Sodium-23 (dissolved)	-0.28	16.4	100	ug/L	
SJG0200-CCB5	Sodium-23	-0.28	16.4	100	ug/L	
SJG0200-IBL6	Aluminum-27	0.238	2.92	20.0	ug/L	
SJG0200-IBL6	Aluminum-27 (dissolved)	0.238	2.92	20.0	ug/L	
SJG0200-IBL6	Calcium-44	0.735	11.1	50.0	ug/L	
SJG0200-IBL6	Calcium-44 (dissolved)	0.735	11.1	50.0	ug/L	
SJG0200-IBL6	Iron-54	0.300	18.2	36.0	ug/L	
SJG0200-IBL6	Iron-54 (dissolved)	0.300	18.2	36.0	ug/L	
SJG0200-IBL6	Iron-57 (dissolved)	0.203	6.63	20.0	ug/L	
SJG0200-IBL6	Iron-57	0.203	6.63	36.0	ug/L	
SJG0200-IBL6	Magnesium-24 (dissolved)	0.200	2.22	20.0	ug/L	
SJG0200-IBL6	Magnesium-24	0.200	2.22	20.0	ug/L	
SJG0200-IBL6	Manganese-55	0.0220	0.142	0.500	ug/L	
SJG0200-IBL6	Manganese-55 (dissolved)	0.0220	0.142	0.500	ug/L	
SJG0200-IBL6	Potassium-39	-3.06	10.9	20.0	ug/L	
SJG0200-IBL6	Potassium-39 (dissolved)	-3.06	10.9	20.0	ug/L	
SJG0200-IBL6	Sodium-23 (dissolved)	-0.35	16.4	100	ug/L	
SJG0200-IBL6	Sodium-23	-0.35	16.4	100	ug/L	
SJG0200-CCB6	Aluminum-27	0.065	2.92	20.0	ug/L	
SJG0200-CCB6	Aluminum-27 (dissolved)	0.065	2.92	20.0	ug/L	
SJG0200-CCB6	Calcium-44	-0.631	11.1	50.0	ug/L	
SJG0200-CCB6	Calcium-44 (dissolved)	-0.631	11.1	50.0	ug/L	
SJG0200-CCB6	Iron-54	0.497	18.2	36.0	ug/L	
SJG0200-CCB6	Iron-54 (dissolved)	0.497	18.2	36.0	ug/L	
SJG0200-CCB6	Iron-57	0.675	6.63	36.0	ug/L	
SJG0200-CCB6	Iron-57 (dissolved)	0.675	6.63	20.0	ug/L	
SJG0200-CCB6	Magnesium-24	0.071	2.22	20.0	ug/L	
SJG0200-CCB6	Magnesium-24 (dissolved)	0.071	2.22	20.0	ug/L	
SJG0200-CCB6	Manganese-55	0.0140	0.142	0.500	ug/L	
SJG0200-CCB6	Manganese-55 (dissolved)	0.0140	0.142	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 19:15

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCB6	Potassium-39	-1.98	10.9	20.0	ug/L	
SJG0200-CCB6	Potassium-39 (dissolved)	-1.98	10.9	20.0	ug/L	
SJG0200-CCB6	Sodium-23 (dissolved)	-0.39	16.4	100	ug/L	
SJG0200-CCB6	Sodium-23	-0.39	16.4	100	ug/L	
SJG0200-IBL7	Aluminum-27 (dissolved)	0.209	2.92	20.0	ug/L	
SJG0200-IBL7	Aluminum-27	0.209	2.92	20.0	ug/L	
SJG0200-IBL7	Calcium-44 (dissolved)	0.300	11.1	50.0	ug/L	
SJG0200-IBL7	Calcium-44	0.300	11.1	50.0	ug/L	
SJG0200-IBL7	Iron-54 (dissolved)	-0.389	18.2	36.0	ug/L	
SJG0200-IBL7	Iron-54	-0.389	18.2	36.0	ug/L	
SJG0200-IBL7	Iron-57	1.47	6.63	36.0	ug/L	
SJG0200-IBL7	Iron-57 (dissolved)	1.47	6.63	20.0	ug/L	
SJG0200-IBL7	Magnesium-24 (dissolved)	0.213	2.22	20.0	ug/L	
SJG0200-IBL7	Magnesium-24	0.213	2.22	20.0	ug/L	
SJG0200-IBL7	Manganese-55 (dissolved)	0.0170	0.142	0.500	ug/L	
SJG0200-IBL7	Manganese-55	0.0170	0.142	0.500	ug/L	
SJG0200-IBL7	Potassium-39 (dissolved)	-1.12	10.9	20.0	ug/L	
SJG0200-IBL7	Potassium-39	-1.12	10.9	20.0	ug/L	
SJG0200-IBL7	Sodium-23	-0.57	16.4	100	ug/L	
SJG0200-IBL7	Sodium-23 (dissolved)	-0.57	16.4	100	ug/L	
SJG0200-CCB7	Aluminum-27 (dissolved)	0.058	2.92	20.0	ug/L	
SJG0200-CCB7	Aluminum-27	0.058	2.92	20.0	ug/L	
SJG0200-CCB7	Calcium-44	-0.649	11.1	50.0	ug/L	
SJG0200-CCB7	Calcium-44 (dissolved)	-0.649	11.1	50.0	ug/L	
SJG0200-CCB7	Iron-54 (dissolved)	0.735	18.2	36.0	ug/L	
SJG0200-CCB7	Iron-54	0.735	18.2	36.0	ug/L	
SJG0200-CCB7	Iron-57	2.20	6.63	36.0	ug/L	
SJG0200-CCB7	Iron-57 (dissolved)	2.20	6.63	20.0	ug/L	
SJG0200-CCB7	Magnesium-24	0.087	2.22	20.0	ug/L	
SJG0200-CCB7	Magnesium-24 (dissolved)	0.087	2.22	20.0	ug/L	
SJG0200-CCB7	Manganese-55	0.0100	0.142	0.500	ug/L	
SJG0200-CCB7	Manganese-55 (dissolved)	0.0100	0.142	0.500	ug/L	
SJG0200-CCB7	Potassium-39	0.241	10.9	20.0	ug/L	
SJG0200-CCB7	Potassium-39 (dissolved)	0.241	10.9	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 20:07

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCB7	Sodium-23	-0.50	16.4	100	ug/L	
SJG0200-CCB7	Sodium-23 (dissolved)	-0.50	16.4	100	ug/L	
SJG0200-IBL8	Aluminum-27	-0.104	2.92	20.0	ug/L	
SJG0200-IBL8	Aluminum-27 (dissolved)	-0.104	2.92	20.0	ug/L	
SJG0200-IBL8	Calcium-44 (dissolved)	-3.64	11.1	50.0	ug/L	
SJG0200-IBL8	Calcium-44	-3.64	11.1	50.0	ug/L	
SJG0200-IBL8	Iron-54 (dissolved)	11.9	18.2	36.0	ug/L	
SJG0200-IBL8	Iron-54	11.9	18.2	36.0	ug/L	
SJG0200-IBL8	Iron-57	-14.3	6.63	36.0	ug/L	
SJG0200-IBL8	Iron-57 (dissolved)	-14.3	6.63	20.0	ug/L	
SJG0200-IBL8	Magnesium-24 (dissolved)	-0.010	2.22	20.0	ug/L	
SJG0200-IBL8	Magnesium-24	-0.010	2.22	20.0	ug/L	
SJG0200-IBL8	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJG0200-IBL8	Manganese-55	0.00300	0.142	0.500	ug/L	
SJG0200-IBL8	Potassium-39 (dissolved)	-22.7	10.9	20.0	ug/L	
SJG0200-IBL8	Potassium-39	-22.7	10.9	20.0	ug/L	
SJG0200-IBL8	Sodium-23	-1.42	16.4	100	ug/L	
SJG0200-IBL8	Sodium-23 (dissolved)	-1.42	16.4	100	ug/L	
SJG0200-CCB8	Aluminum-27	0.123	2.92	20.0	ug/L	
SJG0200-CCB8	Aluminum-27 (dissolved)	0.123	2.92	20.0	ug/L	
SJG0200-CCB8	Calcium-44 (dissolved)	-0.795	11.1	50.0	ug/L	
SJG0200-CCB8	Calcium-44	-0.795	11.1	50.0	ug/L	
SJG0200-CCB8	Iron-54	0.773	18.2	36.0	ug/L	
SJG0200-CCB8	Iron-54 (dissolved)	0.773	18.2	36.0	ug/L	
SJG0200-CCB8	Iron-57	2.78	6.63	36.0	ug/L	
SJG0200-CCB8	Iron-57 (dissolved)	2.78	6.63	20.0	ug/L	
SJG0200-CCB8	Magnesium-24	0.155	2.22	20.0	ug/L	
SJG0200-CCB8	Magnesium-24 (dissolved)	0.155	2.22	20.0	ug/L	
SJG0200-CCB8	Manganese-55	0.00600	0.142	0.500	ug/L	
SJG0200-CCB8	Manganese-55 (dissolved)	0.00600	0.142	0.500	ug/L	
SJG0200-CCB8	Potassium-39	0.012	10.9	20.0	ug/L	
SJG0200-CCB8	Potassium-39 (dissolved)	0.012	10.9	20.0	ug/L	
SJG0200-CCB8	Sodium-23	-0.55	16.4	100	ug/L	
SJG0200-CCB8	Sodium-23 (dissolved)	-0.55	16.4	100	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJG0200

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EG00050
Date Analyzed: 07/15/21 21:17

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBL9	Aluminum-27 (dissolved)	0.153	2.92	20.0	ug/L	
SJG0200-IBL9	Aluminum-27	0.153	2.92	20.0	ug/L	
SJG0200-IBL9	Calcium-44	0.214	11.1	50.0	ug/L	
SJG0200-IBL9	Calcium-44 (dissolved)	0.214	11.1	50.0	ug/L	
SJG0200-IBL9	Iron-54	0.028	18.2	36.0	ug/L	
SJG0200-IBL9	Iron-54 (dissolved)	0.028	18.2	36.0	ug/L	
SJG0200-IBL9	Iron-57	1.92	6.63	36.0	ug/L	
SJG0200-IBL9	Iron-57 (dissolved)	1.92	6.63	20.0	ug/L	
SJG0200-IBL9	Magnesium-24	0.206	2.22	20.0	ug/L	
SJG0200-IBL9	Magnesium-24 (dissolved)	0.206	2.22	20.0	ug/L	
SJG0200-IBL9	Manganese-55	0.00400	0.142	0.500	ug/L	
SJG0200-IBL9	Manganese-55 (dissolved)	0.00400	0.142	0.500	ug/L	
SJG0200-IBL9	Potassium-39	0.169	10.9	20.0	ug/L	
SJG0200-IBL9	Potassium-39 (dissolved)	0.169	10.9	20.0	ug/L	
SJG0200-IBL9	Sodium-23 (dissolved)	-0.80	16.4	100	ug/L	
SJG0200-IBL9	Sodium-23	-0.80	16.4	100	ug/L	
SJG0200-IBLA	Aluminum-27	0.153	2.92	20.0	ug/L	
SJG0200-IBLA	Aluminum-27 (dissolved)	0.153	2.92	20.0	ug/L	
SJG0200-IBLA	Calcium-44	-0.594	11.1	50.0	ug/L	
SJG0200-IBLA	Calcium-44 (dissolved)	-0.594	11.1	50.0	ug/L	
SJG0200-IBLA	Iron-54	-0.102	18.2	36.0	ug/L	
SJG0200-IBLA	Iron-54 (dissolved)	-0.102	18.2	36.0	ug/L	
SJG0200-IBLA	Iron-57	0.906	6.63	36.0	ug/L	
SJG0200-IBLA	Iron-57 (dissolved)	0.906	6.63	20.0	ug/L	
SJG0200-IBLA	Magnesium-24	0.115	2.22	20.0	ug/L	
SJG0200-IBLA	Magnesium-24 (dissolved)	0.115	2.22	20.0	ug/L	
SJG0200-IBLA	Manganese-55 (dissolved)	0.00600	0.142	0.500	ug/L	
SJG0200-IBLA	Manganese-55	0.00600	0.142	0.500	ug/L	
SJG0200-IBLA	Potassium-39 (dissolved)	-0.353	10.9	20.0	ug/L	
SJG0200-IBLA	Potassium-39	-0.353	10.9	20.0	ug/L	
SJG0200-IBLA	Sodium-23 (dissolved)	-0.77	16.4	100	ug/L	
SJG0200-IBLA	Sodium-23	-0.77	16.4	100	ug/L	
SJG0200-CCB9	Aluminum-27	0.228	2.92	20.0	ug/L	
SJG0200-CCB9	Aluminum-27 (dissolved)	0.228	2.92	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJG0200

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EG00050
Date Analyzed: 07/15/21 21:52

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCB9	Calcium-44 (dissolved)	-0.387	11.1	50.0	ug/L	
SJG0200-CCB9	Calcium-44	-0.387	11.1	50.0	ug/L	
SJG0200-CCB9	Iron-54 (dissolved)	1.05	18.2	36.0	ug/L	
SJG0200-CCB9	Iron-54	1.05	18.2	36.0	ug/L	
SJG0200-CCB9	Iron-57 (dissolved)	2.90	6.63	20.0	ug/L	
SJG0200-CCB9	Iron-57	2.90	6.63	36.0	ug/L	
SJG0200-CCB9	Magnesium-24	0.187	2.22	20.0	ug/L	
SJG0200-CCB9	Magnesium-24 (dissolved)	0.187	2.22	20.0	ug/L	
SJG0200-CCB9	Manganese-55	0.00800	0.142	0.500	ug/L	
SJG0200-CCB9	Manganese-55 (dissolved)	0.00800	0.142	0.500	ug/L	
SJG0200-CCB9	Potassium-39	0.019	10.9	20.0	ug/L	
SJG0200-CCB9	Potassium-39 (dissolved)	0.019	10.9	20.0	ug/L	
SJG0200-CCB9	Sodium-23 (dissolved)	-0.27	16.4	100	ug/L	
SJG0200-CCB9	Sodium-23	-0.27	16.4	100	ug/L	
SJG0200-CCBA	Aluminum-27	0.142	2.92	20.0	ug/L	
SJG0200-CCBA	Aluminum-27 (dissolved)	0.142	2.92	20.0	ug/L	
SJG0200-CCBA	Calcium-44 (dissolved)	-0.130	11.1	50.0	ug/L	
SJG0200-CCBA	Calcium-44	-0.130	11.1	50.0	ug/L	
SJG0200-CCBA	Iron-54 (dissolved)	-0.190	18.2	36.0	ug/L	
SJG0200-CCBA	Iron-54	-0.190	18.2	36.0	ug/L	
SJG0200-CCBA	Iron-57 (dissolved)	-0.457	6.63	20.0	ug/L	
SJG0200-CCBA	Iron-57	-0.457	6.63	36.0	ug/L	
SJG0200-CCBA	Magnesium-24 (dissolved)	0.122	2.22	20.0	ug/L	
SJG0200-CCBA	Magnesium-24	0.122	2.22	20.0	ug/L	
SJG0200-CCBA	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJG0200-CCBA	Manganese-55	0.00300	0.142	0.500	ug/L	
SJG0200-CCBA	Potassium-39 (dissolved)	-0.288	10.9	20.0	ug/L	
SJG0200-CCBA	Potassium-39	-0.288	10.9	20.0	ug/L	
SJG0200-CCBA	Sodium-23	0.21	16.4	100	ug/L	
SJG0200-CCBA	Sodium-23 (dissolved)	0.21	16.4	100	ug/L	
SJG0200-IBLB	Aluminum-27 (dissolved)	0.057	2.92	20.0	ug/L	
SJG0200-IBLB	Aluminum-27	0.057	2.92	20.0	ug/L	
SJG0200-IBLB	Calcium-44 (dissolved)	0.319	11.1	50.0	ug/L	
SJG0200-IBLB	Calcium-44	0.319	11.1	50.0	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 22:47

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBLB	Iron-54	-2.50	18.2	36.0	ug/L	
SJG0200-IBLB	Iron-54 (dissolved)	-2.50	18.2	36.0	ug/L	
SJG0200-IBLB	Iron-57	-1.78	6.63	36.0	ug/L	
SJG0200-IBLB	Iron-57 (dissolved)	-1.78	6.63	20.0	ug/L	
SJG0200-IBLB	Magnesium-24 (dissolved)	0.200	2.22	20.0	ug/L	
SJG0200-IBLB	Magnesium-24	0.200	2.22	20.0	ug/L	
SJG0200-IBLB	Manganese-55 (dissolved)	-0.00300	0.142	0.500	ug/L	
SJG0200-IBLB	Manganese-55	-0.00300	0.142	0.500	ug/L	
SJG0200-IBLB	Potassium-39 (dissolved)	-1.79	10.9	20.0	ug/L	
SJG0200-IBLB	Potassium-39	-1.79	10.9	20.0	ug/L	
SJG0200-IBLB	Sodium-23	-0.29	16.4	100	ug/L	
SJG0200-IBLB	Sodium-23 (dissolved)	-0.29	16.4	100	ug/L	
SJG0200-CCBB	Aluminum-27 (dissolved)	0.115	2.92	20.0	ug/L	
SJG0200-CCBB	Aluminum-27	0.115	2.92	20.0	ug/L	
SJG0200-CCBB	Calcium-44 (dissolved)	-0.156	11.1	50.0	ug/L	
SJG0200-CCBB	Calcium-44	-0.156	11.1	50.0	ug/L	
SJG0200-CCBB	Iron-54	0.120	18.2	36.0	ug/L	
SJG0200-CCBB	Iron-54 (dissolved)	0.120	18.2	36.0	ug/L	
SJG0200-CCBB	Iron-57	-0.264	6.63	36.0	ug/L	
SJG0200-CCBB	Iron-57 (dissolved)	-0.264	6.63	20.0	ug/L	
SJG0200-CCBB	Magnesium-24 (dissolved)	0.065	2.22	20.0	ug/L	
SJG0200-CCBB	Magnesium-24	0.065	2.22	20.0	ug/L	
SJG0200-CCBB	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	
SJG0200-CCBB	Manganese-55	0.00700	0.142	0.500	ug/L	
SJG0200-CCBB	Potassium-39	-0.658	10.9	20.0	ug/L	
SJG0200-CCBB	Potassium-39 (dissolved)	-0.658	10.9	20.0	ug/L	
SJG0200-CCBB	Sodium-23 (dissolved)	0.06	16.4	100	ug/L	
SJG0200-CCBB	Sodium-23	0.06	16.4	100	ug/L	
SJG0200-CCBC	Aluminum-27	0.234	2.92	20.0	ug/L	
SJG0200-CCBC	Aluminum-27 (dissolved)	0.234	2.92	20.0	ug/L	
SJG0200-CCBC	Calcium-44	-0.043	11.1	50.0	ug/L	
SJG0200-CCBC	Calcium-44 (dissolved)	-0.043	11.1	50.0	ug/L	
SJG0200-CCBC	Iron-54	0.127	18.2	36.0	ug/L	
SJG0200-CCBC	Iron-54 (dissolved)	0.127	18.2	36.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 23:47

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCBC	Iron-57	-0.807	6.63	36.0	ug/L	
SJG0200-CCBC	Iron-57 (dissolved)	-0.807	6.63	20.0	ug/L	
SJG0200-CCBC	Magnesium-24	0.177	2.22	20.0	ug/L	
SJG0200-CCBC	Magnesium-24 (dissolved)	0.177	2.22	20.0	ug/L	
SJG0200-CCBC	Manganese-55 (dissolved)	0.0100	0.142	0.500	ug/L	
SJG0200-CCBC	Manganese-55	0.0100	0.142	0.500	ug/L	
SJG0200-CCBC	Potassium-39	1.08	10.9	20.0	ug/L	
SJG0200-CCBC	Potassium-39 (dissolved)	1.08	10.9	20.0	ug/L	
SJG0200-CCBC	Sodium-23	0.31	16.4	100	ug/L	
SJG0200-CCBC	Sodium-23 (dissolved)	0.31	16.4	100	ug/L	
SJG0200-IBLC	Aluminum-27	0.084	2.92	20.0	ug/L	
SJG0200-IBLC	Aluminum-27 (dissolved)	0.084	2.92	20.0	ug/L	
SJG0200-IBLC	Calcium-44 (dissolved)	-0.634	11.1	50.0	ug/L	
SJG0200-IBLC	Calcium-44	-0.634	11.1	50.0	ug/L	
SJG0200-IBLC	Iron-54 (dissolved)	-1.17	18.2	36.0	ug/L	
SJG0200-IBLC	Iron-54	-1.17	18.2	36.0	ug/L	
SJG0200-IBLC	Iron-57	-0.981	6.63	36.0	ug/L	
SJG0200-IBLC	Iron-57 (dissolved)	-0.981	6.63	20.0	ug/L	
SJG0200-IBLC	Magnesium-24 (dissolved)	0.151	2.22	20.0	ug/L	
SJG0200-IBLC	Magnesium-24	0.151	2.22	20.0	ug/L	
SJG0200-IBLC	Manganese-55 (dissolved)	0.00200	0.142	0.500	ug/L	
SJG0200-IBLC	Manganese-55	0.00200	0.142	0.500	ug/L	
SJG0200-IBLC	Potassium-39 (dissolved)	-0.843	10.9	20.0	ug/L	
SJG0200-IBLC	Potassium-39	-0.843	10.9	20.0	ug/L	
SJG0200-IBLC	Sodium-23 (dissolved)	0.004	16.4	100	ug/L	
SJG0200-IBLC	Sodium-23	0.004	16.4	100	ug/L	
SJG0200-CCBD	Aluminum-27	0.168	2.92	20.0	ug/L	
SJG0200-CCBD	Aluminum-27 (dissolved)	0.168	2.92	20.0	ug/L	
SJG0200-CCBD	Calcium-44	-0.170	11.1	50.0	ug/L	
SJG0200-CCBD	Calcium-44 (dissolved)	-0.170	11.1	50.0	ug/L	
SJG0200-CCBD	Iron-54	-0.736	18.2	36.0	ug/L	
SJG0200-CCBD	Iron-54 (dissolved)	-0.736	18.2	36.0	ug/L	
SJG0200-CCBD	Iron-57 (dissolved)	0.843	6.63	20.0	ug/L	
SJG0200-CCBD	Iron-57	0.843	6.63	36.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJG0200

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EG00050
Date Analyzed: 07/16/21 00:40

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCBD	Magnesium-24	0.091	2.22	20.0	ug/L	
SJG0200-CCBD	Magnesium-24 (dissolved)	0.091	2.22	20.0	ug/L	
SJG0200-CCBD	Manganese-55 (dissolved)	0.00800	0.142	0.500	ug/L	
SJG0200-CCBD	Manganese-55	0.00800	0.142	0.500	ug/L	
SJG0200-CCBD	Potassium-39 (dissolved)	0.041	10.9	20.0	ug/L	
SJG0200-CCBD	Potassium-39	0.041	10.9	20.0	ug/L	
SJG0200-CCBD	Sodium-23 (dissolved)	0.26	16.4	100	ug/L	
SJG0200-CCBD	Sodium-23	0.26	16.4	100	ug/L	
SJG0200-CCBE	Aluminum-27 (dissolved)	0.056	2.92	20.0	ug/L	
SJG0200-CCBE	Aluminum-27	0.056	2.92	20.0	ug/L	
SJG0200-CCBE	Calcium-44 (dissolved)	-0.032	11.1	50.0	ug/L	
SJG0200-CCBE	Calcium-44	-0.032	11.1	50.0	ug/L	
SJG0200-CCBE	Iron-54	0.709	18.2	36.0	ug/L	
SJG0200-CCBE	Iron-54 (dissolved)	0.709	18.2	36.0	ug/L	
SJG0200-CCBE	Iron-57	-0.485	6.63	36.0	ug/L	
SJG0200-CCBE	Iron-57 (dissolved)	-0.485	6.63	20.0	ug/L	
SJG0200-CCBE	Magnesium-24	0.050	2.22	20.0	ug/L	
SJG0200-CCBE	Magnesium-24 (dissolved)	0.050	2.22	20.0	ug/L	
SJG0200-CCBE	Manganese-55	0.00	0.142	0.500	ug/L	
SJG0200-CCBE	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJG0200-CCBE	Potassium-39	1.34	10.9	20.0	ug/L	
SJG0200-CCBE	Potassium-39 (dissolved)	1.34	10.9	20.0	ug/L	
SJG0200-CCBE	Sodium-23 (dissolved)	0.15	16.4	100	ug/L	
SJG0200-CCBE	Sodium-23	0.15	16.4	100	ug/L	
SJG0200-IBLD	Aluminum-27 (dissolved)	0.077	2.92	20.0	ug/L	
SJG0200-IBLD	Aluminum-27	0.077	2.92	20.0	ug/L	
SJG0200-IBLD	Calcium-44 (dissolved)	-0.220	11.1	50.0	ug/L	
SJG0200-IBLD	Calcium-44	-0.220	11.1	50.0	ug/L	
SJG0200-IBLD	Iron-54	0.331	18.2	36.0	ug/L	
SJG0200-IBLD	Iron-54 (dissolved)	0.331	18.2	36.0	ug/L	
SJG0200-IBLD	Iron-57	-2.47	6.63	36.0	ug/L	
SJG0200-IBLD	Iron-57 (dissolved)	-2.47	6.63	20.0	ug/L	
SJG0200-IBLD	Magnesium-24 (dissolved)	0.175	2.22	20.0	ug/L	
SJG0200-IBLD	Magnesium-24	0.175	2.22	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/16/21 01:31

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBLD	Manganese-55	-0.00900	0.142	0.500	ug/L	
SJG0200-IBLD	Manganese-55 (dissolved)	-0.00900	0.142	0.500	ug/L	
SJG0200-IBLD	Potassium-39	1.44	10.9	20.0	ug/L	
SJG0200-IBLD	Potassium-39 (dissolved)	1.44	10.9	20.0	ug/L	
SJG0200-IBLD	Sodium-23 (dissolved)	0.03	16.4	100	ug/L	
SJG0200-IBLD	Sodium-23	0.03	16.4	100	ug/L	
SJG0200-CCBF	Aluminum-27	-0.106	2.92	20.0	ug/L	
SJG0200-CCBF	Aluminum-27 (dissolved)	-0.106	2.92	20.0	ug/L	
SJG0200-CCBF	Calcium-44	-0.452	11.1	50.0	ug/L	
SJG0200-CCBF	Calcium-44 (dissolved)	-0.452	11.1	50.0	ug/L	
SJG0200-CCBF	Iron-54	0.910	18.2	36.0	ug/L	
SJG0200-CCBF	Iron-54 (dissolved)	0.910	18.2	36.0	ug/L	
SJG0200-CCBF	Iron-57 (dissolved)	-1.33	6.63	20.0	ug/L	
SJG0200-CCBF	Iron-57	-1.33	6.63	36.0	ug/L	
SJG0200-CCBF	Magnesium-24 (dissolved)	0.020	2.22	20.0	ug/L	
SJG0200-CCBF	Magnesium-24	0.020	2.22	20.0	ug/L	
SJG0200-CCBF	Manganese-55	-0.0100	0.142	0.500	ug/L	
SJG0200-CCBF	Manganese-55 (dissolved)	-0.0100	0.142	0.500	ug/L	
SJG0200-CCBF	Potassium-39	2.24	10.9	20.0	ug/L	
SJG0200-CCBF	Potassium-39 (dissolved)	2.24	10.9	20.0	ug/L	
SJG0200-CCBF	Sodium-23	-0.05	16.4	100	ug/L	
SJG0200-CCBF	Sodium-23 (dissolved)	-0.05	16.4	100	ug/L	
SJG0200-IBLE	Aluminum-27	0.028	2.92	20.0	ug/L	
SJG0200-IBLE	Aluminum-27 (dissolved)	0.028	2.92	20.0	ug/L	
SJG0200-IBLE	Calcium-44 (dissolved)	-0.499	11.1	50.0	ug/L	
SJG0200-IBLE	Calcium-44	-0.499	11.1	50.0	ug/L	
SJG0200-IBLE	Iron-54 (dissolved)	-1.91	18.2	36.0	ug/L	
SJG0200-IBLE	Iron-54	-1.91	18.2	36.0	ug/L	
SJG0200-IBLE	Iron-57	-4.07	6.63	36.0	ug/L	
SJG0200-IBLE	Iron-57 (dissolved)	-4.07	6.63	20.0	ug/L	
SJG0200-IBLE	Magnesium-24	0.166	2.22	20.0	ug/L	
SJG0200-IBLE	Magnesium-24 (dissolved)	0.166	2.22	20.0	ug/L	
SJG0200-IBLE	Manganese-55	-0.0100	0.142	0.500	ug/L	
SJG0200-IBLE	Manganese-55 (dissolved)	-0.0100	0.142	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/16/21 02:25

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBLE	Potassium-39	-2.74	10.9	20.0	ug/L	
SJG0200-IBLE	Potassium-39 (dissolved)	-2.74	10.9	20.0	ug/L	
SJG0200-IBLE	Sodium-23 (dissolved)	-0.18	16.4	100	ug/L	
SJG0200-IBLE	Sodium-23	-0.18	16.4	100	ug/L	
SJG0200-CCBG	Aluminum-27	-0.118	2.92	20.0	ug/L	
SJG0200-CCBG	Aluminum-27 (dissolved)	-0.118	2.92	20.0	ug/L	
SJG0200-CCBG	Calcium-44	-0.758	11.1	50.0	ug/L	
SJG0200-CCBG	Calcium-44 (dissolved)	-0.758	11.1	50.0	ug/L	
SJG0200-CCBG	Iron-54 (dissolved)	0.132	18.2	36.0	ug/L	
SJG0200-CCBG	Iron-54	0.132	18.2	36.0	ug/L	
SJG0200-CCBG	Iron-57 (dissolved)	-1.20	6.63	20.0	ug/L	
SJG0200-CCBG	Iron-57	-1.20	6.63	36.0	ug/L	
SJG0200-CCBG	Magnesium-24 (dissolved)	0.020	2.22	20.0	ug/L	
SJG0200-CCBG	Magnesium-24	0.020	2.22	20.0	ug/L	
SJG0200-CCBG	Manganese-55 (dissolved)	-0.0120	0.142	0.500	ug/L	
SJG0200-CCBG	Manganese-55	-0.0120	0.142	0.500	ug/L	
SJG0200-CCBG	Potassium-39 (dissolved)	-0.600	10.9	20.0	ug/L	
SJG0200-CCBG	Potassium-39	-0.600	10.9	20.0	ug/L	
SJG0200-CCBG	Sodium-23 (dissolved)	-0.17	16.4	100	ug/L	
SJG0200-CCBG	Sodium-23	-0.17	16.4	100	ug/L	
SJG0200-IBLF	Aluminum-27 (dissolved)	0.077	2.92	20.0	ug/L	
SJG0200-IBLF	Aluminum-27	0.077	2.92	20.0	ug/L	
SJG0200-IBLF	Calcium-44 (dissolved)	0.348	11.1	50.0	ug/L	
SJG0200-IBLF	Calcium-44	0.348	11.1	50.0	ug/L	
SJG0200-IBLF	Iron-54 (dissolved)	-0.637	18.2	36.0	ug/L	
SJG0200-IBLF	Iron-54	-0.637	18.2	36.0	ug/L	
SJG0200-IBLF	Iron-57	-3.79	6.63	36.0	ug/L	
SJG0200-IBLF	Iron-57 (dissolved)	-3.79	6.63	20.0	ug/L	
SJG0200-IBLF	Magnesium-24	0.174	2.22	20.0	ug/L	
SJG0200-IBLF	Magnesium-24 (dissolved)	0.174	2.22	20.0	ug/L	
SJG0200-IBLF	Manganese-55	-0.00700	0.142	0.500	ug/L	
SJG0200-IBLF	Manganese-55 (dissolved)	-0.00700	0.142	0.500	ug/L	
SJG0200-IBLF	Potassium-39	0.392	10.9	20.0	ug/L	
SJG0200-IBLF	Potassium-39 (dissolved)	0.392	10.9	20.0	ug/L	

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/16/21 03:14

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBLF	Sodium-23 (dissolved)	0.09	16.4	100	ug/L	
SJG0200-IBLF	Sodium-23	0.09	16.4	100	ug/L	
SJG0200-CCBH	Aluminum-27	0.178	2.92	20.0	ug/L	
SJG0200-CCBH	Aluminum-27 (dissolved)	0.178	2.92	20.0	ug/L	
SJG0200-CCBH	Calcium-44	0.032	11.1	50.0	ug/L	
SJG0200-CCBH	Calcium-44 (dissolved)	0.032	11.1	50.0	ug/L	
SJG0200-CCBH	Iron-54	-0.028	18.2	36.0	ug/L	
SJG0200-CCBH	Iron-54 (dissolved)	-0.028	18.2	36.0	ug/L	
SJG0200-CCBH	Iron-57 (dissolved)	-2.90	6.63	20.0	ug/L	
SJG0200-CCBH	Iron-57	-2.90	6.63	36.0	ug/L	
SJG0200-CCBH	Magnesium-24	0.289	2.22	20.0	ug/L	
SJG0200-CCBH	Magnesium-24 (dissolved)	0.289	2.22	20.0	ug/L	
SJG0200-CCBH	Manganese-55	-0.0100	0.142	0.500	ug/L	
SJG0200-CCBH	Manganese-55 (dissolved)	-0.0100	0.142	0.500	ug/L	
SJG0200-CCBH	Potassium-39	0.808	10.9	20.0	ug/L	
SJG0200-CCBH	Potassium-39 (dissolved)	0.808	10.9	20.0	ug/L	
SJG0200-CCBH	Sodium-23 (dissolved)	0.24	16.4	100	ug/L	
SJG0200-CCBH	Sodium-23	0.24	16.4	100	ug/L	
SJG0200-IBLG	Aluminum-27 (dissolved)	0.015	2.92	20.0	ug/L	
SJG0200-IBLG	Aluminum-27	0.015	2.92	20.0	ug/L	
SJG0200-IBLG	Calcium-44 (dissolved)	2.54	11.1	50.0	ug/L	
SJG0200-IBLG	Calcium-44	2.54	11.1	50.0	ug/L	
SJG0200-IBLG	Iron-54 (dissolved)	0.151	18.2	36.0	ug/L	
SJG0200-IBLG	Iron-54	0.151	18.2	36.0	ug/L	
SJG0200-IBLG	Iron-57 (dissolved)	-4.54	6.63	20.0	ug/L	
SJG0200-IBLG	Iron-57	-4.54	6.63	36.0	ug/L	
SJG0200-IBLG	Magnesium-24 (dissolved)	0.915	2.22	20.0	ug/L	
SJG0200-IBLG	Magnesium-24	0.915	2.22	20.0	ug/L	
SJG0200-IBLG	Manganese-55 (dissolved)	0.00500	0.142	0.500	ug/L	
SJG0200-IBLG	Manganese-55	0.00500	0.142	0.500	ug/L	
SJG0200-IBLG	Potassium-39 (dissolved)	3.71	10.9	20.0	ug/L	
SJG0200-IBLG	Potassium-39	3.71	10.9	20.0	ug/L	
SJG0200-IBLG	Sodium-23 (dissolved)	0.79	16.4	100	ug/L	
SJG0200-IBLG	Sodium-23	0.79	16.4	100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/16/21 04:14

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCBI	Aluminum-27 (dissolved)	-0.175	2.92	20.0	ug/L	
SJG0200-CCBI	Aluminum-27	-0.175	2.92	20.0	ug/L	
SJG0200-CCBI	Calcium-44 (dissolved)	-0.301	11.1	50.0	ug/L	
SJG0200-CCBI	Calcium-44	-0.301	11.1	50.0	ug/L	
SJG0200-CCBI	Iron-54 (dissolved)	0.468	18.2	36.0	ug/L	
SJG0200-CCBI	Iron-54	0.468	18.2	36.0	ug/L	
SJG0200-CCBI	Iron-57 (dissolved)	-3.74	6.63	20.0	ug/L	
SJG0200-CCBI	Iron-57	-3.74	6.63	36.0	ug/L	
SJG0200-CCBI	Magnesium-24	0.005	2.22	20.0	ug/L	
SJG0200-CCBI	Magnesium-24 (dissolved)	0.005	2.22	20.0	ug/L	
SJG0200-CCBI	Manganese-55 (dissolved)	-0.00800	0.142	0.500	ug/L	
SJG0200-CCBI	Manganese-55	-0.00800	0.142	0.500	ug/L	
SJG0200-CCBI	Potassium-39	3.49	10.9	20.0	ug/L	
SJG0200-CCBI	Potassium-39 (dissolved)	3.49	10.9	20.0	ug/L	
SJG0200-CCBI	Sodium-23 (dissolved)	0.29	16.4	100	ug/L	
SJG0200-CCBI	Sodium-23	0.29	16.4	100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJG0240

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EG00053
Date Analyzed: 07/16/21 14:10

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0240-IBL1	Calcium-44 (dissolved)	-0.081	11.1	50.0	ug/L	
SJG0240-ICB1	Calcium-44 (dissolved)	-0.657	11.1	50.0	ug/L	
SJG0240-CCB1	Calcium-44 (dissolved)	-1.43	11.1	50.0	ug/L	
SJG0240-IBL2	Calcium-44 (dissolved)	0.342	11.1	50.0	ug/L	
SJG0240-CCB2	Calcium-44 (dissolved)	-1.10	11.1	50.0	ug/L	
SJG0240-IBL3	Calcium-44 (dissolved)	-1.63	11.1	50.0	ug/L	
SJG0240-CCB3	Calcium-44 (dissolved)	-1.81	11.1	50.0	ug/L	
SJG0240-IBL4	Calcium-44 (dissolved)	-3.40	11.1	50.0	ug/L	
SJG0240-CCB4	Calcium-44 (dissolved)	-2.60	11.1	50.0	ug/L	
SJG0240-IBL5	Calcium-44 (dissolved)	-4.59	11.1	50.0	ug/L	
SJG0240-CCB5	Calcium-44 (dissolved)	-2.86	11.1	50.0	ug/L	
SJG0240-CCB6	Calcium-44 (dissolved)	-0.245	11.1	50.0	ug/L	
SJG0240-IBL6	Calcium-44 (dissolved)	-1.31	11.1	50.0	ug/L	
SJG0240-CCB7	Calcium-44 (dissolved)	-0.549	11.1	50.0	ug/L	
SJG0240-IBL7	Calcium-44 (dissolved)	-1.12	11.1	50.0	ug/L	
SJG0240-CCB8	Calcium-44 (dissolved)	-0.684	11.1	50.0	ug/L	
SJG0240-IBL8	Calcium-44 (dissolved)	-1.59	11.1	50.0	ug/L	
SJG0240-CCB9	Calcium-44 (dissolved)	-0.954	11.1	50.0	ug/L	
SJG0240-CCBA	Calcium-44 (dissolved)	0.056	11.1	50.0	ug/L	
SJG0240-IBL9	Calcium-44 (dissolved)	-0.606	11.1	50.0	ug/L	
SJG0240-CCBB	Calcium-44 (dissolved)	0.039	11.1	50.0	ug/L	
SJG0240-IBLA	Calcium-44 (dissolved)	-1.06	11.1	50.0	ug/L	
SJG0240-CCBC	Calcium-44 (dissolved)	-0.021	11.1	50.0	ug/L	
SJG0240-IBLB	Calcium-44 (dissolved)	0.935	11.1	50.0	ug/L	
SJG0240-CCBD	Calcium-44 (dissolved)	0.294	11.1	50.0	ug/L	
SJG0240-IBLC	Calcium-44 (dissolved)	0.140	11.1	50.0	ug/L	
SJG0240-CCBE	Calcium-44 (dissolved)	0.595	11.1	50.0	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00056
Sequence: SJG0243
Date Analyzed: 07/19/21 15:51

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0243-IBL1	Manganese-55 (dissolved)	0.00600	0.142	0.500	ug/L	
SJG0243-ICB1	Manganese-55 (dissolved)	0.00	0.142	0.500	ug/L	
SJG0243-CCB1	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJG0243-IBL2	Manganese-55 (dissolved)	0.0110	0.142	0.500	ug/L	
SJG0243-IBL3	Manganese-55 (dissolved)	0.00900	0.142	0.500	ug/L	
SJG0243-CCB2	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJG0243-IBL4	Manganese-55 (dissolved)	0.00800	0.142	0.500	ug/L	
SJG0243-CCB3	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJG0243-CCB4	Manganese-55 (dissolved)	-0.00100	0.142	0.500	ug/L	
SJG0243-IBL5	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	
SJG0243-CCB5	Manganese-55 (dissolved)	-0.00600	0.142	0.500	ug/L	
SJG0243-IBL6	Manganese-55 (dissolved)	-0.00500	0.142	0.500	ug/L	
SJG0243-CCB6	Manganese-55 (dissolved)	-0.00500	0.142	0.500	ug/L	
SJG0243-CCB7	Manganese-55 (dissolved)	0.00200	0.142	0.500	ug/L	
SJG0243-IBL7	Manganese-55 (dissolved)	0.00500	0.142	0.500	ug/L	
SJG0243-CCB8	Manganese-55 (dissolved)	0.00400	0.142	0.500	ug/L	
SJG0243-IBL8	Manganese-55 (dissolved)	0.0630	0.142	0.500	ug/L	
SJG0243-CCB9	Manganese-55 (dissolved)	0.0380	0.142	0.500	ug/L	
SJG0243-IBL9	Manganese-55 (dissolved)	0.00900	0.142	0.500	ug/L	
SJG0243-CCBA	Manganese-55 (dissolved)	0.00600	0.142	0.500	ug/L	
SJG0243-IBLA	Manganese-55 (dissolved)	0.00900	0.142	0.500	ug/L	
SJG0243-CCBB	Manganese-55 (dissolved)	0.00400	0.142	0.500	ug/L	
SJG0243-CCBC	Manganese-55 (dissolved)	0.00600	0.142	0.500	ug/L	
SJG0243-IBLB	Manganese-55 (dissolved)	0.00100	0.142	0.500	ug/L	
SJG0243-CCBD	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	
SJG0243-IBLC	Manganese-55 (dissolved)	0.00200	0.142	0.500	ug/L	
SJG0243-CCBE	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	
SJG0243-IBLD	Manganese-55 (dissolved)	0.00600	0.142	0.500	ug/L	
SJG0243-CCBF	Manganese-55 (dissolved)	0.00800	0.142	0.500	ug/L	
SJG0243-IBLE	Manganese-55 (dissolved)	0.00300	0.142	0.500	ug/L	
SJG0243-CCBG	Manganese-55 (dissolved)	0.00700	0.142	0.500	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0318-CAL1	XDT_m1210623-006	NA	06/23/21 13:08
CAL 1 - LOW CHECK	SJF0318-CAL2	XDT_m1210623-007	NA	06/23/21 13:13
CAL 2	SJF0318-CAL3	XDT_m1210623-008	NA	06/23/21 13:18
CAL 3	SJF0318-CAL4	XDT_m1210623-009	NA	06/23/21 13:23
CAL 4	SJF0318-CAL5	XDT_m1210623-010	NA	06/23/21 13:28
CAL 5	SJF0318-CAL6	XDT_m1210623-011	NA	06/23/21 13:34
RINSE	SJF0318-IBL1	XDT_m1210623-012	NA	06/23/21 13:42
Initial Cal Check	SJF0318-ICV1	XDT_m1210623-014	NA	06/23/21 13:58
Initial Cal Blank	SJF0318-ICB1	XDT_m1210623-015	NA	06/23/21 14:06
Calibration Check	SJF0318-CCV1	XDT_m1210623-016	NA	06/23/21 14:21
Calibration Blank	SJF0318-CCB1	XDT_m1210623-017	NA	06/23/21 14:29
Instrument RL Check	SJF0318-CRL1	XDT_m1210623-018	NA	06/23/21 14:36
Interference Check A	SJF0318-IFA1	XDT_m1210623-019	NA	06/23/21 14:43
Interference Check B	SJF0318-IFB1	XDT_m1210623-020	NA	06/23/21 14:47
LR200	SJF0318-HCV1	XDT_m1210623-021	NA	06/23/21 14:57
LR300	SJF0318-HCV2	XDT_m1210623-022	NA	06/23/21 15:01
Instrument Blank	SJF0318-IBL2	XDT_m1210623-023	NA	06/23/21 15:09
Instrument Blank	SJF0318-IBL3	XDT_m1210623-024	NA	06/23/21 15:15
Calibration Check	SJF0318-CCV2	XDT_m1210623-025	NA	06/23/21 15:22
Calibration Blank	SJF0318-CCB2	XDT_m1210623-026	NA	06/23/21 15:29
ZZZZZ	21E0290-02	XDT_m1210623-028	Water	06/23/21 15:47
ZZZZZ	21E0290-02	XDT_m1210623-028	Water	06/23/21 15:47
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
Blank	BJF0556-BLK1	XDT_m1210623-033	Water	06/23/21 16:24
LCS	BJF0556-BS1	XDT_m1210623-034	Water	06/23/21 16:29
Instrument Blank	SJF0318-IBL4	XDT_m1210623-036	NA	06/23/21 16:41
Calibration Check	SJF0318-CCV3	XDT_m1210623-037	NA	06/23/21 16:46

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0318-CCB3	XDT_m1210623-038	NA	06/23/21 16:54
Instrument Blank	SJF0318-IBL5	XDT_m1210623-046	NA	06/23/21 17:42
Calibration Check	SJF0318-CCV4	XDT_m1210623-049	NA	06/23/21 18:03
Calibration Blank	SJF0318-CCB4	XDT_m1210623-050	NA	06/23/21 18:10
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0352-06	XDT_m1210623-057	Water	06/23/21 19:13
ZZZZZ	21E0352-07	XDT_m1210623-058	Water	06/23/21 19:21
ZZZZZ	21E0352-08	XDT_m1210623-059	Water	06/23/21 19:27
Instrument Blank	SJF0318-IBL6	XDT_m1210623-060	NA	06/23/21 19:33
Calibration Check	SJF0318-CCV5	XDT_m1210623-061	NA	06/23/21 19:38
Calibration Blank	SJF0318-CCB5	XDT_m1210623-062	NA	06/23/21 19:47
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
Instrument Blank	SJF0318-IBL7	XDT_m1210623-072	NA	06/23/21 20:52
Calibration Check	SJF0318-CCV6	XDT_m1210623-073	NA	06/23/21 20:58
Calibration Blank	SJF0318-CCB6	XDT_m1210623-074	NA	06/23/21 21:05
ZZZZZ	BJF0662-BLK1	XDT_m1210623-075	Water	06/23/21 21:11
ZZZZZ	BJF0662-BS1	XDT_m1210623-077	Water	06/23/21 21:21
ZZZZZ	21E0323-04RE1	XDT_m1210623-078	Water	06/23/21 21:30
ZZZZZ	21E0323-04RE1	XDT_m1210623-078	Water	06/23/21 21:30
ZZZZZ	21E0323-02RE1	XDT_m1210623-079	Water	06/23/21 21:36
ZZZZZ	21E0323-02RE1	XDT_m1210623-079	Water	06/23/21 21:36
Instrument Blank	SJF0318-IBL8	XDT_m1210623-084	NA	06/23/21 22:10
Calibration Check	SJF0318-CCV7	XDT_m1210623-085	NA	06/23/21 22:15
Calibration Blank	SJF0318-CCB7	XDT_m1210623-086	NA	06/23/21 22:23
ZZZZZ	21E0323-01RE1	XDT_m1210623-087	Water	06/23/21 22:29
Instrument Blank	SJF0318-IBL9	XDT_m1210623-096	NA	06/23/21 23:23
Calibration Check	SJF0318-CCV8	XDT_m1210623-097	NA	06/23/21 23:28
Calibration Blank	SJF0318-CCB8	XDT_m1210623-098	NA	06/23/21 23:36
Calibration Check	SJF0318-CCV9	XDT_m1210623-100	NA	06/23/21 23:47
Calibration Blank	SJF0318-CCB9	XDT_m1210623-101	NA	06/23/21 23:54
Instrument Blank	SJF0318-IBLA	XDT_m1210623-111	NA	06/24/21 00:47
Calibration Check	SJF0318-CCVA	XDT_m1210623-112	NA	06/24/21 00:52
Calibration Blank	SJF0318-CCBA	XDT_m1210623-113	NA	06/24/21 00:59
Instrument Blank	SJF0318-IBLB	XDT_m1210623-123	NA	06/24/21 01:53
Calibration Check	SJF0318-CCVB	XDT_m1210623-124	NA	06/24/21 01:58
Calibration Blank	SJF0318-CCBB	XDT_m1210623-125	NA	06/24/21 02:06

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Instrument Blank	SJF0318-IBLC	XDT_m1210623-135	NA	06/24/21 03:00
Calibration Check	SJF0318-CCVC	XDT_m1210623-136	NA	06/24/21 03:05
Calibration Blank	SJF0318-CCBC	XDT_m1210623-137	NA	06/24/21 03:12
Instrument Blank	SJF0318-IBLD	XDT_m1210623-147	NA	06/24/21 04:07
Calibration Check	SJF0318-CCVD	XDT_m1210623-148	NA	06/24/21 04:12
Calibration Blank	SJF0318-CCBD	XDT_m1210623-149	NA	06/24/21 04:19
Calibration Check	SJF0318-CCVE	XDT_m1210623-151	NA	06/24/21 04:29
Calibration Blank	SJF0318-CCBE	XDT_m1210623-152	NA	06/24/21 04:36
ZZZZZ	21F0139-02	XDT_m1210623-158	Water	06/24/21 05:07
ZZZZZ	21F0139-02	XDT_m1210623-158	Water	06/24/21 05:07
Instrument Blank	SJF0318-IBLE	XDT_m1210623-162	NA	06/24/21 05:31
Calibration Check	SJF0318-CCVF	XDT_m1210623-163	NA	06/24/21 05:36
Calibration Blank	SJF0318-CCBF	XDT_m1210623-164	NA	06/24/21 05:43
NRC-103DR-GW-060321	21F0123-05	XDT_m1210623-170	Water	06/24/21 06:15
NRC-103DR-GW-060321	21F0123-05	XDT_m1210623-170	Water	06/24/21 06:15
NRC-103DR-GW-060321	21F0123-05	XDT_m1210623-170	Water	06/24/21 06:15
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
Instrument Blank	SJF0318-IBLF	XDT_m1210623-174	NA	06/24/21 06:39
Calibration Check	SJF0318-CCVG	XDT_m1210623-175	NA	06/24/21 06:44
Calibration Blank	SJF0318-CCBG	XDT_m1210623-176	NA	06/24/21 06:51
Instrument Blank	SJF0318-IBLG	XDT_m1210623-186	NA	06/24/21 07:47
Calibration Check	SJF0318-CCVH	XDT_m1210623-187	NA	06/24/21 07:52
Calibration Blank	SJF0318-CCBH	XDT_m1210623-188	NA	06/24/21 07:59
ZZZZZ	21F0147-02	XDT_m1210623-192	Water	06/24/21 08:21
ZZZZZ	21F0147-03	XDT_m1210623-193	Water	06/24/21 08:26
ZZZZZ	21F0147-04	XDT_m1210623-194	Water	06/24/21 08:31
ZZZZZ	21F0147-01	XDT_m1210623-195	Water	06/24/21 08:36
ZZZZZ	21F0147-01	XDT_m1210623-195	Water	06/24/21 08:36
ZZZZZ	21F0147-01	XDT_m1210623-195	Water	06/24/21 08:36
ZZZZZ	21F0147-01	XDT_m1210623-195	Water	06/24/21 08:36
Instrument Blank	SJF0318-IBLH	XDT_m1210623-198	NA	06/24/21 08:55
Calibration Check	SJF0318-CCVI	XDT_m1210623-199	NA	06/24/21 09:00
Calibration Blank	SJF0318-CCBI	XDT_m1210623-200	NA	06/24/21 09:08

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0364-CAL1	XDT_m1210624-016	NA	06/24/21 13:47
CAL 0	SJF0364-CAL1	XDT_m1210624-016	NA	06/24/21 13:47
CAL 1 - LOW CHECK	SJF0364-CAL2	XDT_m1210624-017	NA	06/24/21 13:52
CAL 1 - LOW CHECK	SJF0364-CAL2	XDT_m1210624-017	NA	06/24/21 13:52
CAL 2	SJF0364-CAL3	XDT_m1210624-018	NA	06/24/21 13:56
CAL 2	SJF0364-CAL3	XDT_m1210624-018	NA	06/24/21 13:56
CAL 3	SJF0364-CAL4	XDT_m1210624-019	NA	06/24/21 14:01
CAL 3	SJF0364-CAL4	XDT_m1210624-019	NA	06/24/21 14:01
CAL 4	SJF0364-CAL5	XDT_m1210624-020	NA	06/24/21 14:06
CAL 4	SJF0364-CAL5	XDT_m1210624-020	NA	06/24/21 14:06
CAL 5	SJF0364-CAL6	XDT_m1210624-021	NA	06/24/21 14:12
CAL 5	SJF0364-CAL6	XDT_m1210624-021	NA	06/24/21 14:12
RINSE	SJF0364-IBL1	XDT_m1210624-022	NA	06/24/21 14:20
RINSE	SJF0364-IBL1	XDT_m1210624-022	NA	06/24/21 14:20
Initial Cal Check	SJF0364-ICV1	XDT_m1210624-024	NA	06/24/21 14:30
Initial Cal Check	SJF0364-ICV1	XDT_m1210624-024	NA	06/24/21 14:30
Initial Cal Blank	SJF0364-ICB1	XDT_m1210624-025	NA	06/24/21 14:38
Initial Cal Blank	SJF0364-ICB1	XDT_m1210624-025	NA	06/24/21 14:38
Calibration Check	SJF0364-CCV1	XDT_m1210624-026	NA	06/24/21 14:45
Calibration Check	SJF0364-CCV1	XDT_m1210624-026	NA	06/24/21 14:45
Calibration Blank	SJF0364-CCB1	XDT_m1210624-027	NA	06/24/21 14:53
Calibration Blank	SJF0364-CCB1	XDT_m1210624-027	NA	06/24/21 14:53
Instrument RL Check	SJF0364-CRL1	XDT_m1210624-028	NA	06/24/21 15:01
Instrument RL Check	SJF0364-CRL1	XDT_m1210624-028	NA	06/24/21 15:01
Interference Check A	SJF0364-IFA1	XDT_m1210624-029	NA	06/24/21 15:05
Interference Check A	SJF0364-IFA1	XDT_m1210624-029	NA	06/24/21 15:05
Interference Check B	SJF0364-IFB1	XDT_m1210624-030	NA	06/24/21 15:10
Interference Check B	SJF0364-IFB1	XDT_m1210624-030	NA	06/24/21 15:10
LR200	SJF0364-HCV1	XDT_m1210624-031	NA	06/24/21 15:17
LR200	SJF0364-HCV1	XDT_m1210624-031	NA	06/24/21 15:17

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
LR300	SJF0364-HCV2	XDT_m1210624-032	NA	06/24/21 15:21
LR300	SJF0364-HCV2	XDT_m1210624-032	NA	06/24/21 15:21
Instrument Blank	SJF0364-IBL2	XDT_m1210624-033	NA	06/24/21 15:29
Instrument Blank	SJF0364-IBL2	XDT_m1210624-033	NA	06/24/21 15:29
Instrument Blank	SJF0364-IBL3	XDT_m1210624-034	NA	06/24/21 15:35
Instrument Blank	SJF0364-IBL3	XDT_m1210624-034	NA	06/24/21 15:35
Calibration Check	SJF0364-CCV2	XDT_m1210624-035	NA	06/24/21 15:42
Calibration Check	SJF0364-CCV2	XDT_m1210624-035	NA	06/24/21 15:42
Calibration Blank	SJF0364-CCB2	XDT_m1210624-036	NA	06/24/21 15:49
Calibration Blank	SJF0364-CCB2	XDT_m1210624-036	NA	06/24/21 15:49
ZZZZZ	21F0160-01	XDT_m1210624-039	Water	06/24/21 16:06
ZZZZZ	21F0160-01	XDT_m1210624-039	Water	06/24/21 16:06
ZZZZZ	21F0185-01	XDT_m1210624-041	Water	06/24/21 16:22
ZZZZZ	21F0185-03	XDT_m1210624-042	Water	06/24/21 16:28
Instrument Blank	SJF0364-IBL4	XDT_m1210624-045	NA	06/24/21 16:50
Instrument Blank	SJF0364-IBL4	XDT_m1210624-045	NA	06/24/21 16:50
Calibration Check	SJF0364-CCV3	XDT_m1210624-047	NA	06/24/21 17:00
Calibration Check	SJF0364-CCV3	XDT_m1210624-047	NA	06/24/21 17:00
Calibration Blank	SJF0364-CCB3	XDT_m1210624-048	NA	06/24/21 17:07
Calibration Blank	SJF0364-CCB3	XDT_m1210624-048	NA	06/24/21 17:07
Calibration Check	SJF0364-CCV4	XDT_m1210624-050	NA	06/24/21 17:18
Calibration Check	SJF0364-CCV4	XDT_m1210624-050	NA	06/24/21 17:18
Calibration Blank	SJF0364-CCB4	XDT_m1210624-051	NA	06/24/21 17:26
Calibration Blank	SJF0364-CCB4	XDT_m1210624-051	NA	06/24/21 17:26
Instrument Blank	SJF0364-IBL5	XDT_m1210624-054	NA	06/24/21 17:45
Instrument Blank	SJF0364-IBL5	XDT_m1210624-054	NA	06/24/21 17:45
ZZZZZ	21F0185-03RE1	XDT_m1210624-055	Water	06/24/21 17:55
Instrument Blank	SJF0364-IBL6	XDT_m1210624-061	NA	06/24/21 18:33
Instrument Blank	SJF0364-IBL6	XDT_m1210624-061	NA	06/24/21 18:33
Calibration Check	SJF0364-CCV5	XDT_m1210624-062	NA	06/24/21 18:39

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0364-CCV5	XDT_m1210624-062	NA	06/24/21 18:39
Calibration Blank	SJF0364-CCB5	XDT_m1210624-063	NA	06/24/21 18:46
Calibration Blank	SJF0364-CCB5	XDT_m1210624-063	NA	06/24/21 18:46
Instrument Blank	SJF0364-IBL7	XDT_m1210624-065	NA	06/24/21 19:00
Instrument Blank	SJF0364-IBL7	XDT_m1210624-065	NA	06/24/21 19:00
Instrument Blank	SJF0364-IBL8	XDT_m1210624-067	NA	06/24/21 19:16
Instrument Blank	SJF0364-IBL8	XDT_m1210624-067	NA	06/24/21 19:16
Instrument Blank	SJF0364-IBL9	XDT_m1210624-072	NA	06/24/21 19:56
Instrument Blank	SJF0364-IBL9	XDT_m1210624-072	NA	06/24/21 19:56
Calibration Check	SJF0364-CCV6	XDT_m1210624-073	NA	06/24/21 20:01
Calibration Check	SJF0364-CCV6	XDT_m1210624-073	NA	06/24/21 20:01
Calibration Blank	SJF0364-CCB6	XDT_m1210624-074	NA	06/24/21 20:09
Calibration Blank	SJF0364-CCB6	XDT_m1210624-074	NA	06/24/21 20:09
Instrument Blank	SJF0364-IBLA	XDT_m1210624-084	NA	06/24/21 21:10
Instrument Blank	SJF0364-IBLA	XDT_m1210624-084	NA	06/24/21 21:10
Calibration Check	SJF0364-CCV7	XDT_m1210624-085	NA	06/24/21 21:15
Calibration Check	SJF0364-CCV7	XDT_m1210624-085	NA	06/24/21 21:15
Calibration Blank	SJF0364-CCB7	XDT_m1210624-086	NA	06/24/21 21:22
Calibration Blank	SJF0364-CCB7	XDT_m1210624-086	NA	06/24/21 21:22
Instrument Blank	SJF0364-IBLB	XDT_m1210624-095	NA	06/24/21 22:22
Instrument Blank	SJF0364-IBLB	XDT_m1210624-095	NA	06/24/21 22:22
Calibration Check	SJF0364-CCV8	XDT_m1210624-096	NA	06/24/21 22:26
Calibration Check	SJF0364-CCV8	XDT_m1210624-096	NA	06/24/21 22:26
Calibration Blank	SJF0364-CCB8	XDT_m1210624-097	NA	06/24/21 22:35
Calibration Blank	SJF0364-CCB8	XDT_m1210624-097	NA	06/24/21 22:35
Calibration Check	SJF0364-CCV9	XDT_m1210624-099	NA	06/24/21 22:49
Calibration Check	SJF0364-CCV9	XDT_m1210624-099	NA	06/24/21 22:49
Calibration Blank	SJF0364-CCB9	XDT_m1210624-100	NA	06/24/21 22:56
Calibration Blank	SJF0364-CCB9	XDT_m1210624-100	NA	06/24/21 22:56
Blank	BJF0654-BLK1	XDT_m1210624-101	Water	06/24/21 23:01

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
LCS	BJF0654-BS1	XDT_m1210624-102	Water	06/24/21 23:05
Blank	BJF0655-BLK1	XDT_m1210624-103	Water	06/24/21 23:10
LCS	BJF0655-BS1	XDT_m1210624-104	Water	06/24/21 23:14
ZZZZZ	21F0130-40	XDT_m1210624-105	Water	06/24/21 23:19
ZZZZZ	21F0130-40	XDT_m1210624-105	Water	06/24/21 23:19
ZZZZZ	21F0130-40	XDT_m1210624-105	Water	06/24/21 23:19
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210624-106	Water	06/24/21 23:23
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210624-106	Water	06/24/21 23:23
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210624-106	Water	06/24/21 23:23
RC-6-SW-060521	21F0123-36	XDT_m1210624-107	Water	06/24/21 23:28
RC-6-SW-060521	21F0123-36	XDT_m1210624-107	Water	06/24/21 23:28
RC-6-SW-060521	21F0123-36	XDT_m1210624-107	Water	06/24/21 23:28
RC-1-SW-060521	21F0123-41	XDT_m1210624-108	Water	06/24/21 23:33
RC-1-SW-060521	21F0123-41	XDT_m1210624-108	Water	06/24/21 23:33
RC-1-SW-060521	21F0123-41	XDT_m1210624-108	Water	06/24/21 23:33
NRC-3DR-GW-060321	21F0123-42	XDT_m1210624-109	Water	06/24/21 23:39
NRC-3DR-GW-060321	21F0123-42	XDT_m1210624-109	Water	06/24/21 23:39
NRC-3DR-GW-060321	21F0123-42	XDT_m1210624-109	Water	06/24/21 23:39
Instrument Blank	SJF0364-IBLC	XDT_m1210624-110	NA	06/24/21 23:47
Instrument Blank	SJF0364-IBLC	XDT_m1210624-110	NA	06/24/21 23:47
Calibration Check	SJF0364-CCVA	XDT_m1210624-111	NA	06/24/21 23:52
Calibration Check	SJF0364-CCVA	XDT_m1210624-111	NA	06/24/21 23:52
Calibration Blank	SJF0364-CCBA	XDT_m1210624-112	NA	06/24/21 23:59
Calibration Blank	SJF0364-CCBA	XDT_m1210624-112	NA	06/24/21 23:59
ZZZZZ	21F0130-08	XDT_m1210624-113	Water	06/25/21 00:04
ZZZZZ	21F0130-08	XDT_m1210624-113	Water	06/25/21 00:04
ZZZZZ	21F0130-08	XDT_m1210624-113	Water	06/25/21 00:04
ZZZZZ	21F0130-12	XDT_m1210624-114	Water	06/25/21 00:08
ZZZZZ	21F0130-12	XDT_m1210624-114	Water	06/25/21 00:08
ZZZZZ	21F0130-12	XDT_m1210624-114	Water	06/25/21 00:08

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-23	XDT_m1210624-115	Water	06/25/21 00:13
ZZZZZ	21F0130-23	XDT_m1210624-115	Water	06/25/21 00:13
ZZZZZ	21F0130-23	XDT_m1210624-115	Water	06/25/21 00:13
ZZZZZ	21F0130-25	XDT_m1210624-116	Water	06/25/21 00:17
ZZZZZ	21F0130-25	XDT_m1210624-116	Water	06/25/21 00:17
ZZZZZ	21F0130-25	XDT_m1210624-116	Water	06/25/21 00:17
ZZZZZ	21F0130-27	XDT_m1210624-117	Water	06/25/21 00:22
ZZZZZ	21F0130-27	XDT_m1210624-117	Water	06/25/21 00:22
ZZZZZ	21F0130-27	XDT_m1210624-117	Water	06/25/21 00:22
ZZZZZ	21F0130-05	XDT_m1210624-118	Water	06/25/21 00:26
ZZZZZ	21F0130-05	XDT_m1210624-118	Water	06/25/21 00:26
Instrument Blank	SJF0364-IBLD	XDT_m1210624-122	NA	06/25/21 00:51
Instrument Blank	SJF0364-IBLD	XDT_m1210624-122	NA	06/25/21 00:51
Calibration Check	SJF0364-CCVB	XDT_m1210624-123	NA	06/25/21 00:56
Calibration Check	SJF0364-CCVB	XDT_m1210624-123	NA	06/25/21 00:56
Calibration Blank	SJF0364-CCBB	XDT_m1210624-124	NA	06/25/21 01:03
Calibration Blank	SJF0364-CCBB	XDT_m1210624-124	NA	06/25/21 01:03
ZZZZZ	21F0130-31	XDT_m1210624-125	Water	06/25/21 01:08
ZZZZZ	21F0130-31	XDT_m1210624-125	Water	06/25/21 01:08
ZZZZZ	21F0130-31	XDT_m1210624-125	Water	06/25/21 01:08
ZZZZZ	21F0130-37	XDT_m1210624-126	Water	06/25/21 01:13
ZZZZZ	21F0130-37	XDT_m1210624-126	Water	06/25/21 01:13
ZZZZZ	21F0130-37	XDT_m1210624-126	Water	06/25/21 01:13
ZZZZZ	21F0130-54	XDT_m1210624-128	Water	06/25/21 01:22
ZZZZZ	21F0130-54	XDT_m1210624-128	Water	06/25/21 01:22
ZZZZZ	21F0130-54	XDT_m1210624-128	Water	06/25/21 01:22
Instrument Blank	SJF0364-IBLE	XDT_m1210624-129	NA	06/25/21 01:28
Instrument Blank	SJF0364-IBLE	XDT_m1210624-129	NA	06/25/21 01:28
DS-17I-GW-060421	21F0123-18	XDT_m1210624-130	Water	06/25/21 01:33
DS-17I-GW-060421	21F0123-18	XDT_m1210624-130	Water	06/25/21 01:33

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	Water	06/25/21 01:38
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	Water	06/25/21 01:38
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	Water	06/25/21 01:38
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	Water	06/25/21 01:38
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	Water	06/25/21 01:43
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	Water	06/25/21 01:43
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	Water	06/25/21 01:43
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	Water	06/25/21 01:43
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	Water	06/25/21 01:49
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	Water	06/25/21 01:49
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	Water	06/25/21 01:49
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	Water	06/25/21 01:49
Instrument Blank	SJF0364-IBLF	XDT_m1210624-134	NA	06/25/21 01:57
Instrument Blank	SJF0364-IBLF	XDT_m1210624-134	NA	06/25/21 01:57
Calibration Check	SJF0364-CCVC	XDT_m1210624-135	NA	06/25/21 02:02
Calibration Check	SJF0364-CCVC	XDT_m1210624-135	NA	06/25/21 02:02
Calibration Blank	SJF0364-CCBC	XDT_m1210624-136	NA	06/25/21 02:09
Calibration Blank	SJF0364-CCBC	XDT_m1210624-136	NA	06/25/21 02:09
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210624-137	Water	06/25/21 02:14
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210624-137	Water	06/25/21 02:14
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210624-137	Water	06/25/21 02:14
SG-7R-WP-060421	21F0123-22	XDT_m1210624-138	Water	06/25/21 02:18
SG-7R-WP-060421	21F0123-22	XDT_m1210624-138	Water	06/25/21 02:18
SG-7R-WP-060421	21F0123-22	XDT_m1210624-138	Water	06/25/21 02:18
DS-12S-GW-060421	21F0123-23	XDT_m1210624-139	Water	06/25/21 02:23
DS-12S-GW-060421	21F0123-23	XDT_m1210624-139	Water	06/25/21 02:23
DS-12I-GW-060421	21F0123-24	XDT_m1210624-140	Water	06/25/21 02:27
DS-12I-GW-060421	21F0123-24	XDT_m1210624-140	Water	06/25/21 02:27
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	Water	06/25/21 02:32
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	Water	06/25/21 02:32

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	Water	06/25/21 02:32
DS-13S-GW-060421	21F0123-26	XDT_m1210624-142	Water	06/25/21 02:36
DS-13S-GW-060421	21F0123-26	XDT_m1210624-142	Water	06/25/21 02:36
DS-13I-GW-060421	21F0123-27	XDT_m1210624-143	Water	06/25/21 02:41
DS-13I-GW-060421	21F0123-27	XDT_m1210624-143	Water	06/25/21 02:41
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	Water	06/25/21 02:46
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	Water	06/25/21 02:46
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	Water	06/25/21 02:46
HBKG-2-GW-060421	21F0123-29	XDT_m1210624-145	Water	06/25/21 02:52
HBKG-2-GW-060421	21F0123-29	XDT_m1210624-145	Water	06/25/21 02:52
HBKG-2-GW-060421	21F0123-29	XDT_m1210624-145	Water	06/25/21 02:52
Instrument Blank	SJF0364-IBLG	XDT_m1210624-146	NA	06/25/21 03:00
Instrument Blank	SJF0364-IBLG	XDT_m1210624-146	NA	06/25/21 03:00
Calibration Check	SJF0364-CCVD	XDT_m1210624-147	NA	06/25/21 03:05
Calibration Check	SJF0364-CCVD	XDT_m1210624-147	NA	06/25/21 03:05
Calibration Blank	SJF0364-CCBD	XDT_m1210624-148	NA	06/25/21 03:12
Calibration Blank	SJF0364-CCBD	XDT_m1210624-148	NA	06/25/21 03:12
US-1S-GW-060421	21F0123-30	XDT_m1210624-149	Water	06/25/21 03:17
US-1S-GW-060421	21F0123-30	XDT_m1210624-149	Water	06/25/21 03:17
US-1S-GW-060421	21F0123-30	XDT_m1210624-149	Water	06/25/21 03:17
US-1I-GW-060421	21F0123-31	XDT_m1210624-150	Water	06/25/21 03:21
US-1I-GW-060421	21F0123-31	XDT_m1210624-150	Water	06/25/21 03:21
US-1I-GW-060421	21F0123-31	XDT_m1210624-150	Water	06/25/21 03:21
US-1D-GW-060421	21F0123-32	XDT_m1210624-151	Water	06/25/21 03:26
US-1D-GW-060421	21F0123-32	XDT_m1210624-151	Water	06/25/21 03:26
US-1D-GW-060421	21F0123-32	XDT_m1210624-151	Water	06/25/21 03:26
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	Water	06/25/21 03:30
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	Water	06/25/21 03:30
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	Water	06/25/21 03:30
TP2-12S-GW-060521	21F0123-34	XDT_m1210624-153	Water	06/25/21 03:35

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
TP2-12S-GW-060521	21F0123-34	XDT_m1210624-153	Water	06/25/21 03:35
RC-6-SW-060521	21F0123-35	XDT_m1210624-154	Water	06/25/21 03:40
RC-6-SW-060521	21F0123-35	XDT_m1210624-154	Water	06/25/21 03:40
RC-6-SW-060521	21F0123-35	XDT_m1210624-154	Water	06/25/21 03:40
RC-6-PW-6-060521	21F0123-37	XDT_m1210624-155	Water	06/25/21 03:44
RC-6-PW-6-060521	21F0123-37	XDT_m1210624-155	Water	06/25/21 03:44
RC-6-PW-6-060521	21F0123-37	XDT_m1210624-155	Water	06/25/21 03:44
RC-6-PW-12-060521	21F0123-38	XDT_m1210624-156	Water	06/25/21 03:49
RC-6-PW-12-060521	21F0123-38	XDT_m1210624-156	Water	06/25/21 03:49
RC-6-PW-12-060521	21F0123-38	XDT_m1210624-156	Water	06/25/21 03:49
RC-6-WP-36-060521	21F0123-39	XDT_m1210624-157	Water	06/25/21 03:55
RC-6-WP-36-060521	21F0123-39	XDT_m1210624-157	Water	06/25/21 03:55
RC-6-WP-36-060521	21F0123-39	XDT_m1210624-157	Water	06/25/21 03:55
Instrument Blank	SJF0364-IBLH	XDT_m1210624-158	NA	06/25/21 04:03
Instrument Blank	SJF0364-IBLH	XDT_m1210624-158	NA	06/25/21 04:03
Calibration Check	SJF0364-CCVE	XDT_m1210624-159	NA	06/25/21 04:08
Calibration Check	SJF0364-CCVE	XDT_m1210624-159	NA	06/25/21 04:08
Calibration Blank	SJF0364-CCBE	XDT_m1210624-160	NA	06/25/21 04:15
Calibration Blank	SJF0364-CCBE	XDT_m1210624-160	NA	06/25/21 04:15
RC-1-SW-060521	21F0123-40	XDT_m1210624-161	Water	06/25/21 04:20
RC-1-SW-060521	21F0123-40	XDT_m1210624-161	Water	06/25/21 04:20
RC-1-SW-060521	21F0123-40	XDT_m1210624-161	Water	06/25/21 04:20
NRC-3IR-GW-060321	21F0123-02	XDT_m1210624-162	Water	06/25/21 04:24
NRC-3IR-GW-060321	21F0123-02	XDT_m1210624-162	Water	06/25/21 04:24
NRC-3DR-GW-060321	21F0123-03	XDT_m1210624-163	Water	06/25/21 04:29
NRC-3DR-GW-060321	21F0123-03	XDT_m1210624-163	Water	06/25/21 04:29
NRC-3DR-GW-060321	21F0123-03	XDT_m1210624-163	Water	06/25/21 04:29
NRC-103DR-GW-060321	21F0123-04	XDT_m1210624-164	Water	06/25/21 04:33
NRC-103DR-GW-060321	21F0123-04	XDT_m1210624-164	Water	06/25/21 04:33
NRC-103DR-GW-060321	21F0123-04	XDT_m1210624-164	Water	06/25/21 04:33

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-103SR-GW-060321	21F0123-06	XDT_m1210624-165	Water	06/25/21 04:38
NRC-103SR-GW-060321	21F0123-06	XDT_m1210624-165	Water	06/25/21 04:38
NRC-103SR-GW-060321	21F0123-06	XDT_m1210624-165	Water	06/25/21 04:38
NRC-3SR-GW-060321	21F0123-01	XDT_m1210624-166	Water	06/25/21 04:43
NRC-3SR-GW-060321	21F0123-01	XDT_m1210624-166	Water	06/25/21 04:43
NRC-3SR-GW-060321	21F0123-01	XDT_m1210624-166	Water	06/25/21 04:43
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
Instrument Blank	SJF0364-IBLI	XDT_m1210624-170	NA	06/25/21 05:07
Instrument Blank	SJF0364-IBLI	XDT_m1210624-170	NA	06/25/21 05:07
Calibration Check	SJF0364-CCVF	XDT_m1210624-171	NA	06/25/21 05:12
Calibration Check	SJF0364-CCVF	XDT_m1210624-171	NA	06/25/21 05:12
Calibration Blank	SJF0364-CCBF	XDT_m1210624-172	NA	06/25/21 05:20
Calibration Blank	SJF0364-CCBF	XDT_m1210624-172	NA	06/25/21 05:20

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	Water	06/25/21 05:24
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	Water	06/25/21 05:24
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	Water	06/25/21 05:24
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	Water	06/25/21 05:29
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	Water	06/25/21 05:29
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	Water	06/25/21 05:29
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	Water	06/25/21 05:33
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	Water	06/25/21 05:33
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	Water	06/25/21 05:33
DS-16D-GW-060421	21F0123-10	XDT_m1210624-176	Water	06/25/21 05:38
DS-16D-GW-060421	21F0123-10	XDT_m1210624-176	Water	06/25/21 05:38
DS-16D-GW-060421	21F0123-10	XDT_m1210624-176	Water	06/25/21 05:38
DS-16S-GW-060421	21F0123-11	XDT_m1210624-177	Water	06/25/21 05:42
DS-16S-GW-060421	21F0123-11	XDT_m1210624-177	Water	06/25/21 05:42
DS-15S-GW-060421	21F0123-12	XDT_m1210624-178	Water	06/25/21 05:47
DS-15S-GW-060421	21F0123-12	XDT_m1210624-178	Water	06/25/21 05:47
DS-15I-GW-060421	21F0123-13	XDT_m1210624-179	Water	06/25/21 05:52
DS-15I-GW-060421	21F0123-13	XDT_m1210624-179	Water	06/25/21 05:52
DS-15I-GW-060421	21F0123-13	XDT_m1210624-179	Water	06/25/21 05:52
DS-18S-GW-060421	21F0123-14	XDT_m1210624-180	Water	06/25/21 05:57
DS-18S-GW-060421	21F0123-14	XDT_m1210624-180	Water	06/25/21 05:57
DS-18I-GW-060421	21F0123-15	XDT_m1210624-181	Water	06/25/21 06:03
DS-18I-GW-060421	21F0123-15	XDT_m1210624-181	Water	06/25/21 06:03
Instrument Blank	SJF0364-IBLJ	XDT_m1210624-182	NA	06/25/21 06:11
Instrument Blank	SJF0364-IBLJ	XDT_m1210624-182	NA	06/25/21 06:11
Calibration Check	SJF0364-CCVG	XDT_m1210624-183	NA	06/25/21 06:16
Calibration Check	SJF0364-CCVG	XDT_m1210624-183	NA	06/25/21 06:16
Calibration Blank	SJF0364-CCBG	XDT_m1210624-184	NA	06/25/21 06:23
Calibration Blank	SJF0364-CCBG	XDT_m1210624-184	NA	06/25/21 06:23
DS-18D-GW-060421	21F0123-16	XDT_m1210624-185	Water	06/25/21 06:28

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0364	Instrument:	ICPMS1
		Calibration:	EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-18D-GW-060421	21F0123-16	XDT_m1210624-185	Water	06/25/21 06:28
DS-17S-GW-060421	21F0123-17	XDT_m1210624-186	Water	06/25/21 06:33
DS-17S-GW-060421	21F0123-17	XDT_m1210624-186	Water	06/25/21 06:33
MW-3-GW-060421	21F0123-21	XDT_m1210624-187	Water	06/25/21 06:38
MW-3-GW-060421	21F0123-21	XDT_m1210624-187	Water	06/25/21 06:38
MW-3-GW-060421	21F0123-21	XDT_m1210624-187	Water	06/25/21 06:38
Instrument Blank	SJF0364-IBLK	XDT_m1210624-188	NA	06/25/21 06:46
Instrument Blank	SJF0364-IBLK	XDT_m1210624-188	NA	06/25/21 06:46
Calibration Check	SJF0364-CCVH	XDT_m1210624-189	NA	06/25/21 06:51
Calibration Check	SJF0364-CCVH	XDT_m1210624-189	NA	06/25/21 06:51
Calibration Blank	SJF0364-CCBH	XDT_m1210624-190	NA	06/25/21 06:58
Calibration Blank	SJF0364-CCBH	XDT_m1210624-190	NA	06/25/21 06:58

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0378
Instrument: ICPMS1
Calibration: EF00076

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0378-CAL1	XDT_m1210625-006	NA	06/25/21 13:39
CAL 1 - LOW CHECK	SJF0378-CAL2	XDT_m1210625-007	NA	06/25/21 13:44
CAL 2	SJF0378-CAL3	XDT_m1210625-008	NA	06/25/21 13:48
CAL 3	SJF0378-CAL4	XDT_m1210625-009	NA	06/25/21 13:52
CAL 4	SJF0378-CAL5	XDT_m1210625-010	NA	06/25/21 13:57
CAL 5	SJF0378-CAL6	XDT_m1210625-011	NA	06/25/21 14:04
RINSE	SJF0378-IBL1	XDT_m1210625-012	NA	06/25/21 14:11
Initial Cal Check	SJF0378-ICV1	XDT_m1210625-014	NA	06/25/21 14:18
Initial Cal Blank	SJF0378-ICB1	XDT_m1210625-015	NA	06/25/21 14:25
Calibration Check	SJF0378-CCV1	XDT_m1210625-016	NA	06/25/21 14:29
Calibration Blank	SJF0378-CCB1	XDT_m1210625-017	NA	06/25/21 14:36
Instrument RL Check	SJF0378-CRL1	XDT_m1210625-018	NA	06/25/21 14:42
Interference Check A	SJF0378-IFA1	XDT_m1210625-019	NA	06/25/21 14:46
Interference Check B	SJF0378-IFB1	XDT_m1210625-020	NA	06/25/21 14:51
LR200	SJF0378-HCV1	XDT_m1210625-021	NA	06/25/21 14:55
LR300	SJF0378-HCV2	XDT_m1210625-022	NA	06/25/21 14:59
Instrument Blank	SJF0378-IBL2	XDT_m1210625-023	NA	06/25/21 15:06
Instrument Blank	SJF0378-IBL3	XDT_m1210625-024	NA	06/25/21 15:13
Calibration Check	SJF0378-CCV2	XDT_m1210625-025	NA	06/25/21 15:19
Calibration Blank	SJF0378-CCB2	XDT_m1210625-026	NA	06/25/21 15:26
Instrument Blank	SJF0378-IBL4	XDT_m1210625-036	NA	06/25/21 16:30
Calibration Check	SJF0378-CCV3	XDT_m1210625-037	NA	06/25/21 16:34
Calibration Blank	SJF0378-CCB3	XDT_m1210625-038	NA	06/25/21 16:41
Blank	BJF0655-BLK2	XDT_m1210625-039	Water	06/25/21 16:52
ZZZZZ	BJF0451-BLK1	XDT_m1210625-040	Solid	06/25/21 16:58
ZZZZZ	BJF0451-BS1	XDT_m1210625-041	Solid	06/25/21 17:02
ZZZZZ	BJF0639-BLK1	XDT_m1210625-042	Solid	06/25/21 17:06
ZZZZZ	BJF0639-BS1	XDT_m1210625-043	Solid	06/25/21 17:11
ZZZZZ	21F0149-01	XDT_m1210625-047	Solid	06/25/21 17:40
ZZZZZ	21F0149-01	XDT_m1210625-047	Solid	06/25/21 17:40

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0378
Instrument: ICPMS1
Calibration: EF00076

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Instrument Blank	SJF0378-IBL5	XDT_m1210625-048	NA	06/25/21 17:50
Calibration Check	SJF0378-CCV4	XDT_m1210625-049	NA	06/25/21 17:55
Calibration Blank	SJF0378-CCB4	XDT_m1210625-050	NA	06/25/21 18:02
Instrument Blank	SJF0378-IBL6	XDT_m1210625-060	NA	06/25/21 19:04
Calibration Check	SJF0378-CCV5	XDT_m1210625-061	NA	06/25/21 19:10
Calibration Blank	SJF0378-CCB5	XDT_m1210625-062	NA	06/25/21 19:17
ZZZZZ	21F0149-02	XDT_m1210625-063	Solid	06/25/21 19:24
ZZZZZ	21F0149-02	XDT_m1210625-063	Solid	06/25/21 19:24
ZZZZZ	21F0149-03	XDT_m1210625-064	Solid	06/25/21 19:29
ZZZZZ	21F0149-03	XDT_m1210625-064	Solid	06/25/21 19:29
ZZZZZ	21F0149-04	XDT_m1210625-065	Solid	06/25/21 19:34
ZZZZZ	21F0149-04	XDT_m1210625-065	Solid	06/25/21 19:34
ZZZZZ	21F0149-05	XDT_m1210625-066	Solid	06/25/21 19:38
ZZZZZ	21F0149-05	XDT_m1210625-066	Solid	06/25/21 19:38
ZZZZZ	21F0149-06	XDT_m1210625-067	Solid	06/25/21 19:42
ZZZZZ	21F0149-06	XDT_m1210625-067	Solid	06/25/21 19:42
ZZZZZ	21F0182-13	XDT_m1210625-068	Solid	06/25/21 19:48
ZZZZZ	21F0182-13	XDT_m1210625-068	Solid	06/25/21 19:48
ZZZZZ	21F0182-13	XDT_m1210625-068	Solid	06/25/21 19:48
ZZZZZ	21F0182-13	XDT_m1210625-068	Solid	06/25/21 19:48
Instrument Blank	SJF0378-IBL7	XDT_m1210625-072	NA	06/25/21 20:06
Calibration Check	SJF0378-CCV6	XDT_m1210625-073	NA	06/25/21 20:11
Calibration Blank	SJF0378-CCB6	XDT_m1210625-074	NA	06/25/21 20:18
ZZZZZ	21F0182-17	XDT_m1210625-075	Solid	06/25/21 20:24
ZZZZZ	21F0182-17	XDT_m1210625-075	Solid	06/25/21 20:24
ZZZZZ	21F0182-17	XDT_m1210625-075	Solid	06/25/21 20:24
ZZZZZ	21F0182-17	XDT_m1210625-075	Solid	06/25/21 20:24
ZZZZZ	21F0182-21	XDT_m1210625-076	Solid	06/25/21 20:28
ZZZZZ	21F0182-21	XDT_m1210625-076	Solid	06/25/21 20:28
ZZZZZ	21F0182-21	XDT_m1210625-076	Solid	06/25/21 20:28

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0378
Instrument: ICPMS1
Calibration: EF00076

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0182-21	XDT_m1210625-076	Solid	06/25/21 20:28
ZZZZZ	21F0182-22	XDT_m1210625-077	Solid	06/25/21 20:32
ZZZZZ	21F0182-22	XDT_m1210625-077	Solid	06/25/21 20:32
ZZZZZ	21F0182-22	XDT_m1210625-077	Solid	06/25/21 20:32
ZZZZZ	21F0182-22	XDT_m1210625-077	Solid	06/25/21 20:32
ZZZZZ	BJF0639-SRM1	XDT_m1210625-083	Solid	06/25/21 20:59
Instrument Blank	SJF0378-IBL8	XDT_m1210625-084	NA	06/25/21 21:08
Calibration Check	SJF0378-CCV7	XDT_m1210625-085	NA	06/25/21 21:12
Calibration Blank	SJF0378-CCB7	XDT_m1210625-086	NA	06/25/21 21:21
ZZZZZ	21F0203-27	XDT_m1210625-087	Solid	06/25/21 21:27
ZZZZZ	21F0203-28	XDT_m1210625-088	Solid	06/25/21 21:32
ZZZZZ	21F0245-03	XDT_m1210625-089	Solid	06/25/21 21:37
ZZZZZ	21F0245-03	XDT_m1210625-089	Solid	06/25/21 21:37
ZZZZZ	21F0245-02	XDT_m1210625-090	Solid	06/25/21 21:42
ZZZZZ	21F0245-02	XDT_m1210625-090	Solid	06/25/21 21:42
ZZZZZ	21F0245-01	XDT_m1210625-091	Solid	06/25/21 21:46
ZZZZZ	21F0245-01	XDT_m1210625-091	Solid	06/25/21 21:46
ZZZZZ	BJF0451-SRL1	XDT_m1210625-092	Solid	06/25/21 21:51
Instrument Blank	SJF0378-IBL9	XDT_m1210625-096	NA	06/25/21 22:10
Calibration Check	SJF0378-CCV8	XDT_m1210625-097	NA	06/25/21 22:14
Calibration Blank	SJF0378-CCB8	XDT_m1210625-098	NA	06/25/21 22:21

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0401-CAL1	XDT_m1210628-013	NA	06/28/21 14:16
CAL 0	SJF0401-CAL1	XDT_m1210628-013	NA	06/28/21 14:16
CAL 1 - LOW CHECK	SJF0401-CAL2	XDT_m1210628-014	NA	06/28/21 14:21
CAL 1 - LOW CHECK	SJF0401-CAL2	XDT_m1210628-014	NA	06/28/21 14:21
CAL 2	SJF0401-CAL3	XDT_m1210628-015	NA	06/28/21 14:25
CAL 2	SJF0401-CAL3	XDT_m1210628-015	NA	06/28/21 14:25
CAL 3	SJF0401-CAL4	XDT_m1210628-016	NA	06/28/21 14:30
CAL 3	SJF0401-CAL4	XDT_m1210628-016	NA	06/28/21 14:30
CAL 4	SJF0401-CAL5	XDT_m1210628-017	NA	06/28/21 14:36
CAL 4	SJF0401-CAL5	XDT_m1210628-017	NA	06/28/21 14:36
CAL 5	SJF0401-CAL6	XDT_m1210628-018	NA	06/28/21 14:42
CAL 5	SJF0401-CAL6	XDT_m1210628-018	NA	06/28/21 14:42
RINSE	SJF0401-IBL1	XDT_m1210628-019	NA	06/28/21 14:50
RINSE	SJF0401-IBL1	XDT_m1210628-019	NA	06/28/21 14:50
Initial Cal Check	SJF0401-ICV1	XDT_m1210628-021	NA	06/28/21 14:56
Initial Cal Check	SJF0401-ICV1	XDT_m1210628-021	NA	06/28/21 14:56
Initial Cal Blank	SJF0401-ICB1	XDT_m1210628-022	NA	06/28/21 15:04
Initial Cal Blank	SJF0401-ICB1	XDT_m1210628-022	NA	06/28/21 15:04
Calibration Check	SJF0401-CCV1	XDT_m1210628-023	NA	06/28/21 15:08
Calibration Check	SJF0401-CCV1	XDT_m1210628-023	NA	06/28/21 15:08
Calibration Blank	SJF0401-CCB1	XDT_m1210628-024	NA	06/28/21 15:16
Calibration Blank	SJF0401-CCB1	XDT_m1210628-024	NA	06/28/21 15:16
Instrument RL Check	SJF0401-CRL1	XDT_m1210628-025	NA	06/28/21 15:25
Instrument RL Check	SJF0401-CRL1	XDT_m1210628-025	NA	06/28/21 15:25
Interference Check A	SJF0401-IFA1	XDT_m1210628-026	NA	06/28/21 15:30
Interference Check A	SJF0401-IFA1	XDT_m1210628-026	NA	06/28/21 15:30
LR200	SJF0401-HCV1	XDT_m1210628-028	NA	06/28/21 15:40
LR200	SJF0401-HCV1	XDT_m1210628-028	NA	06/28/21 15:40
LR300	SJF0401-HCV2	XDT_m1210628-029	NA	06/28/21 15:44
LR300	SJF0401-HCV2	XDT_m1210628-029	NA	06/28/21 15:44

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Instrument Blank	SJF0401-IBL2	XDT_m1210628-030	NA	06/28/21 15:52
Instrument Blank	SJF0401-IBL2	XDT_m1210628-030	NA	06/28/21 15:52
Interference Check B	SJF0401-IFB1	XDT_m1210628-031	NA	06/28/21 15:59
Interference Check B	SJF0401-IFB1	XDT_m1210628-031	NA	06/28/21 15:59
Instrument Blank	SJF0401-IBL3	XDT_m1210628-032	NA	06/28/21 16:03
Instrument Blank	SJF0401-IBL3	XDT_m1210628-032	NA	06/28/21 16:03
Instrument Blank	SJF0401-IBL4	XDT_m1210628-033	NA	06/28/21 16:10
Instrument Blank	SJF0401-IBL4	XDT_m1210628-033	NA	06/28/21 16:10
Calibration Check	SJF0401-CCV2	XDT_m1210628-034	NA	06/28/21 16:21
Calibration Check	SJF0401-CCV2	XDT_m1210628-034	NA	06/28/21 16:21
Calibration Blank	SJF0401-CCB2	XDT_m1210628-035	NA	06/28/21 16:29
Calibration Blank	SJF0401-CCB2	XDT_m1210628-035	NA	06/28/21 16:29
ZZZZZ	BJF0520-BLK2	XDT_m1210628-036	Water	06/28/21 16:37
ZZZZZ	BJF0520-BS2	XDT_m1210628-037	Water	06/28/21 16:42
Blank	BJF0556-BLK2	XDT_m1210628-038	Water	06/28/21 16:47
LCS	BJF0556-BS2	XDT_m1210628-039	Water	06/28/21 16:52
Instrument Blank	SJF0401-IBL5	XDT_m1210628-045	NA	06/28/21 17:32
Instrument Blank	SJF0401-IBL5	XDT_m1210628-045	NA	06/28/21 17:32
Calibration Check	SJF0401-CCV3	XDT_m1210628-046	NA	06/28/21 17:37
Calibration Check	SJF0401-CCV3	XDT_m1210628-046	NA	06/28/21 17:37
Calibration Blank	SJF0401-CCB3	XDT_m1210628-047	NA	06/28/21 17:46
Calibration Blank	SJF0401-CCB3	XDT_m1210628-047	NA	06/28/21 17:46
Blank	BJF0654-BLK2	XDT_m1210628-048	Water	06/28/21 17:53
LCS	BJF0654-BS2	XDT_m1210628-049	Water	06/28/21 17:58
Blank	BJF0655-BLK3	XDT_m1210628-050	Water	06/28/21 18:03
LCS	BJF0655-BS3	XDT_m1210628-051	Water	06/28/21 18:08
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210628-052	Water	06/28/21 18:12
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210628-052	Water	06/28/21 18:12
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210628-052	Water	06/28/21 18:12
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210628-052	Water	06/28/21 18:12

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-103DR-GW-060321	21F0123-05	XDT_m1210628-053	Water	06/28/21 18:17
NRC-103DR-GW-060321	21F0123-05	XDT_m1210628-053	Water	06/28/21 18:17
NRC-103DR-GW-060321	21F0123-05	XDT_m1210628-053	Water	06/28/21 18:17
NRC-103DR-GW-060321	BJF0556-DUP2	XDT_m1210628-054	Water	06/28/21 18:22
NRC-103DR-GW-060321	BJF0556-DUP2	XDT_m1210628-054	Water	06/28/21 18:22
NRC-103DR-GW-060321	BJF0556-DUP2	XDT_m1210628-054	Water	06/28/21 18:22
NRC-103DR-GW-060321	BJF0556-MS2	XDT_m1210628-055	Water	06/28/21 18:27
NRC-103DR-GW-060321	BJF0556-MS2	XDT_m1210628-055	Water	06/28/21 18:27
NRC-103DR-GW-060321	BJF0556-MS2	XDT_m1210628-055	Water	06/28/21 18:27
NRC-103DR-GW-060321	BJF0556-MSD2	XDT_m1210628-056	Water	06/28/21 18:32
NRC-103DR-GW-060321	BJF0556-MSD2	XDT_m1210628-056	Water	06/28/21 18:32
NRC-103DR-GW-060321	BJF0556-MSD2	XDT_m1210628-056	Water	06/28/21 18:32
Instrument Blank	SJF0401-IBL6	XDT_m1210628-057	NA	06/28/21 18:38
Instrument Blank	SJF0401-IBL6	XDT_m1210628-057	NA	06/28/21 18:38
Calibration Check	SJF0401-CCV4	XDT_m1210628-058	NA	06/28/21 18:44
Calibration Check	SJF0401-CCV4	XDT_m1210628-058	NA	06/28/21 18:44
Calibration Blank	SJF0401-CCB4	XDT_m1210628-059	NA	06/28/21 18:52
Calibration Blank	SJF0401-CCB4	XDT_m1210628-059	NA	06/28/21 18:52
Calibration Check	SJF0401-CCV5	XDT_m1210628-061	NA	06/28/21 19:03
Calibration Check	SJF0401-CCV5	XDT_m1210628-061	NA	06/28/21 19:03
Calibration Blank	SJF0401-CCB5	XDT_m1210628-062	NA	06/28/21 19:10
Calibration Blank	SJF0401-CCB5	XDT_m1210628-062	NA	06/28/21 19:10
Instrument Blank	SJF0401-IBL7	XDT_m1210628-072	NA	06/28/21 20:09
Instrument Blank	SJF0401-IBL7	XDT_m1210628-072	NA	06/28/21 20:09
Calibration Check	SJF0401-CCV6	XDT_m1210628-073	NA	06/28/21 20:14
Calibration Check	SJF0401-CCV6	XDT_m1210628-073	NA	06/28/21 20:14
Calibration Blank	SJF0401-CCB6	XDT_m1210628-074	NA	06/28/21 20:22
Calibration Blank	SJF0401-CCB6	XDT_m1210628-074	NA	06/28/21 20:22
Instrument Blank	SJF0401-IBL8	XDT_m1210628-084	NA	06/28/21 21:16
Instrument Blank	SJF0401-IBL8	XDT_m1210628-084	NA	06/28/21 21:16

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0401-CCV7	XDT_m1210628-085	NA	06/28/21 21:22
Calibration Check	SJF0401-CCV7	XDT_m1210628-085	NA	06/28/21 21:22
Calibration Blank	SJF0401-CCB7	XDT_m1210628-086	NA	06/28/21 21:30
Calibration Blank	SJF0401-CCB7	XDT_m1210628-086	NA	06/28/21 21:30
ZZZZZ	21F0130-08	XDT_m1210628-087	Water	06/28/21 21:34
ZZZZZ	21F0130-08	XDT_m1210628-087	Water	06/28/21 21:34
ZZZZZ	21F0130-08	XDT_m1210628-087	Water	06/28/21 21:34
ZZZZZ	21F0130-12	XDT_m1210628-088	Water	06/28/21 21:39
ZZZZZ	21F0130-12	XDT_m1210628-088	Water	06/28/21 21:39
ZZZZZ	21F0130-12	XDT_m1210628-088	Water	06/28/21 21:39
ZZZZZ	21F0130-23	XDT_m1210628-089	Water	06/28/21 21:44
ZZZZZ	21F0130-23	XDT_m1210628-089	Water	06/28/21 21:44
ZZZZZ	21F0130-23	XDT_m1210628-089	Water	06/28/21 21:44
ZZZZZ	21F0130-25	XDT_m1210628-090	Water	06/28/21 21:49
ZZZZZ	21F0130-25	XDT_m1210628-090	Water	06/28/21 21:49
ZZZZZ	21F0130-25	XDT_m1210628-090	Water	06/28/21 21:49
ZZZZZ	21F0130-27	XDT_m1210628-091	Water	06/28/21 21:54
ZZZZZ	21F0130-27	XDT_m1210628-091	Water	06/28/21 21:54
ZZZZZ	21F0130-27	XDT_m1210628-091	Water	06/28/21 21:54
ZZZZZ	21F0130-05	XDT_m1210628-092	Water	06/28/21 22:00
ZZZZZ	21F0130-05	XDT_m1210628-092	Water	06/28/21 22:00
ZZZZZ	21F0130-05	XDT_m1210628-092	Water	06/28/21 22:00
Instrument Blank	SJF0401-IBL9	XDT_m1210628-096	NA	06/28/21 22:24
Instrument Blank	SJF0401-IBL9	XDT_m1210628-096	NA	06/28/21 22:24
Calibration Check	SJF0401-CCV8	XDT_m1210628-097	NA	06/28/21 22:30
Calibration Check	SJF0401-CCV8	XDT_m1210628-097	NA	06/28/21 22:30
Calibration Blank	SJF0401-CCB8	XDT_m1210628-098	NA	06/28/21 22:38
Calibration Blank	SJF0401-CCB8	XDT_m1210628-098	NA	06/28/21 22:38
ZZZZZ	21F0130-31	XDT_m1210628-099	Water	06/28/21 22:42
ZZZZZ	21F0130-31	XDT_m1210628-099	Water	06/28/21 22:42

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-31	XDT_m1210628-099	Water	06/28/21 22:42
ZZZZZ	21F0130-37	XDT_m1210628-100	Water	06/28/21 22:47
ZZZZZ	21F0130-37	XDT_m1210628-100	Water	06/28/21 22:47
ZZZZZ	21F0130-37	XDT_m1210628-100	Water	06/28/21 22:47
ZZZZZ	21F0130-54	XDT_m1210628-101	Water	06/28/21 22:52
ZZZZZ	21F0130-54	XDT_m1210628-101	Water	06/28/21 22:52
ZZZZZ	21F0130-54	XDT_m1210628-101	Water	06/28/21 22:52
ZZZZZ	21F0130-43	XDT_m1210628-102	Water	06/28/21 22:58
ZZZZZ	21F0130-43	XDT_m1210628-102	Water	06/28/21 22:58
ZZZZZ	21F0130-43	XDT_m1210628-102	Water	06/28/21 22:58
ZZZZZ	21F0130-43	XDT_m1210628-102	Water	06/28/21 22:58
Instrument Blank	SJF0401-IBLA	XDT_m1210628-103	NA	06/28/21 23:06
Instrument Blank	SJF0401-IBLA	XDT_m1210628-103	NA	06/28/21 23:06
NRC-3SR-GW-060321	21F0123-01	XDT_m1210628-104	Water	06/28/21 23:11
NRC-3SR-GW-060321	21F0123-01	XDT_m1210628-104	Water	06/28/21 23:11
NRC-3SR-GW-060321	21F0123-01	XDT_m1210628-104	Water	06/28/21 23:11
NRC-3SR-GW-060321	BJF0655-DUP2	XDT_m1210628-105	Water	06/28/21 23:16
NRC-3SR-GW-060321	BJF0655-DUP2	XDT_m1210628-105	Water	06/28/21 23:16
NRC-3SR-GW-060321	BJF0655-DUP2	XDT_m1210628-105	Water	06/28/21 23:16
NRC-3SR-GW-060321	BJF0655-MS2	XDT_m1210628-106	Water	06/28/21 23:21
NRC-3SR-GW-060321	BJF0655-MS2	XDT_m1210628-106	Water	06/28/21 23:21
NRC-3SR-GW-060321	BJF0655-MS2	XDT_m1210628-106	Water	06/28/21 23:21
NRC-3SR-GW-060321	BJF0655-MSD2	XDT_m1210628-107	Water	06/28/21 23:27
NRC-3SR-GW-060321	BJF0655-MSD2	XDT_m1210628-107	Water	06/28/21 23:27
NRC-3SR-GW-060321	BJF0655-MSD2	XDT_m1210628-107	Water	06/28/21 23:27
Instrument Blank	SJF0401-IBLB	XDT_m1210628-108	NA	06/28/21 23:35
Instrument Blank	SJF0401-IBLB	XDT_m1210628-108	NA	06/28/21 23:35
Calibration Check	SJF0401-CCV9	XDT_m1210628-109	NA	06/28/21 23:41
Calibration Check	SJF0401-CCV9	XDT_m1210628-109	NA	06/28/21 23:41
Calibration Blank	SJF0401-CCB9	XDT_m1210628-110	NA	06/28/21 23:49

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0401-CCB9	XDT_m1210628-110	NA	06/28/21 23:49
SG-7R-WP-060421	21F0123-22	XDT_m1210628-111	Water	06/28/21 23:53
SG-7R-WP-060421	21F0123-22	XDT_m1210628-111	Water	06/28/21 23:53
SG-7R-WP-060421	21F0123-22	XDT_m1210628-111	Water	06/28/21 23:53
DS-12D-GW-060421	21F0123-25	XDT_m1210628-112	Water	06/28/21 23:58
DS-12D-GW-060421	21F0123-25	XDT_m1210628-112	Water	06/28/21 23:58
DS-13D-GW-060421	21F0123-28	XDT_m1210628-113	Water	06/29/21 00:03
DS-13D-GW-060421	21F0123-28	XDT_m1210628-113	Water	06/29/21 00:03
HBKG-2-GW-060421	21F0123-29	XDT_m1210628-114	Water	06/29/21 00:08
HBKG-2-GW-060421	21F0123-29	XDT_m1210628-114	Water	06/29/21 00:08
HBKG-2-GW-060421	21F0123-29	XDT_m1210628-114	Water	06/29/21 00:08
US-1S-GW-060421	21F0123-30	XDT_m1210628-115	Water	06/29/21 00:12
US-1S-GW-060421	21F0123-30	XDT_m1210628-115	Water	06/29/21 00:12
US-1S-GW-060421	21F0123-30	XDT_m1210628-115	Water	06/29/21 00:12
US-1I-GW-060421	21F0123-31	XDT_m1210628-116	Water	06/29/21 00:17
US-1I-GW-060421	21F0123-31	XDT_m1210628-116	Water	06/29/21 00:17
US-1I-GW-060421	21F0123-31	XDT_m1210628-116	Water	06/29/21 00:17
US-1D-GW-060421	21F0123-32	XDT_m1210628-117	Water	06/29/21 00:22
US-1D-GW-060421	21F0123-32	XDT_m1210628-117	Water	06/29/21 00:22
TP2-12D-GW-060521	21F0123-33	XDT_m1210628-118	Water	06/29/21 00:28
TP2-12D-GW-060521	21F0123-33	XDT_m1210628-118	Water	06/29/21 00:28
TP2-12D-GW-060521	21F0123-33	XDT_m1210628-118	Water	06/29/21 00:28
RC-6-SW-060521	21F0123-35	XDT_m1210628-119	Water	06/29/21 00:34
RC-6-SW-060521	21F0123-35	XDT_m1210628-119	Water	06/29/21 00:34
RC-6-SW-060521	21F0123-35	XDT_m1210628-119	Water	06/29/21 00:34
Instrument Blank	SJF0401-IBLC	XDT_m1210628-120	NA	06/29/21 00:42
Instrument Blank	SJF0401-IBLC	XDT_m1210628-120	NA	06/29/21 00:42
Calibration Check	SJF0401-CCVA	XDT_m1210628-121	NA	06/29/21 00:48
Calibration Check	SJF0401-CCVA	XDT_m1210628-121	NA	06/29/21 00:48
Calibration Blank	SJF0401-CCBA	XDT_m1210628-122	NA	06/29/21 00:55

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0401-CCBA	XDT_m1210628-122	NA	06/29/21 00:55
Calibration Check	SJF0401-CCVB	XDT_m1210628-124	NA	06/29/21 01:05
Calibration Check	SJF0401-CCVB	XDT_m1210628-124	NA	06/29/21 01:05
Calibration Blank	SJF0401-CCBB	XDT_m1210628-125	NA	06/29/21 01:12
Calibration Blank	SJF0401-CCBB	XDT_m1210628-125	NA	06/29/21 01:12
Calibration Check	SJF0401-CCVC	XDT_m1210628-137	NA	06/29/21 11:19
Calibration Check	SJF0401-CCVC	XDT_m1210628-137	NA	06/29/21 11:19
Calibration Blank	SJF0401-CCBC	XDT_m1210628-138	NA	06/29/21 11:26
Calibration Blank	SJF0401-CCBC	XDT_m1210628-138	NA	06/29/21 11:26
DS-16I-GW-060421	21F0123-09	XDT_m1210628-139	Water	06/29/21 12:00
DS-16I-GW-060421	21F0123-09	XDT_m1210628-139	Water	06/29/21 12:00
DS-16I-GW-060421	21F0123-09	XDT_m1210628-139	Water	06/29/21 12:00
DS-16D-GW-060421	21F0123-10	XDT_m1210628-140	Water	06/29/21 12:04
DS-16D-GW-060421	21F0123-10	XDT_m1210628-140	Water	06/29/21 12:04
DS-15I-GW-060421	21F0123-13	XDT_m1210628-141	Water	06/29/21 12:08
DS-15I-GW-060421	21F0123-13	XDT_m1210628-141	Water	06/29/21 12:08
DS-16S-GW-060421	21F0123-11	XDT_m1210628-142	Water	06/29/21 12:13
DS-16S-GW-060421	21F0123-11	XDT_m1210628-142	Water	06/29/21 12:13
DS-16S-GW-060421	21F0123-11	XDT_m1210628-142	Water	06/29/21 12:13
DS-18S-GW-060421	21F0123-14	XDT_m1210628-143	Water	06/29/21 12:17
DS-18S-GW-060421	21F0123-14	XDT_m1210628-143	Water	06/29/21 12:17
DS-18S-GW-060421	21F0123-14	XDT_m1210628-143	Water	06/29/21 12:17
DS-17I-GW-060421	21F0123-18	XDT_m1210628-144	Water	06/29/21 12:20
DS-17I-GW-060421	21F0123-18	XDT_m1210628-144	Water	06/29/21 12:20
DS-17I-GW-060421	21F0123-18	XDT_m1210628-144	Water	06/29/21 12:20
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	Water	06/29/21 12:24
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	Water	06/29/21 12:24
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	Water	06/29/21 12:24
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	Water	06/29/21 12:24
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	Water	06/29/21 12:29

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	Water	06/29/21 12:29
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	Water	06/29/21 12:29
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	Water	06/29/21 12:29
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	Water	06/29/21 12:34
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	Water	06/29/21 12:34
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	Water	06/29/21 12:34
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	Water	06/29/21 12:34
Instrument Blank	SJF0401-IBLE	XDT_m1210628-148	NA	06/29/21 12:41
Instrument Blank	SJF0401-IBLE	XDT_m1210628-148	NA	06/29/21 12:41
Calibration Check	SJF0401-CCVD	XDT_m1210628-149	NA	06/29/21 12:46
Calibration Check	SJF0401-CCVD	XDT_m1210628-149	NA	06/29/21 12:46
Calibration Blank	SJF0401-CCBD	XDT_m1210628-150	NA	06/29/21 12:53
Calibration Blank	SJF0401-CCBD	XDT_m1210628-150	NA	06/29/21 12:53
TP2-12S-GW-060521	21F0123-34	XDT_m1210628-151	Water	06/29/21 12:57
TP2-12S-GW-060521	21F0123-34	XDT_m1210628-151	Water	06/29/21 12:57
MW-3-GW-060421	21F0123-21	XDT_m1210628-152	Water	06/29/21 13:01
MW-3-GW-060421	21F0123-21	XDT_m1210628-152	Water	06/29/21 13:01
MW-3-GW-060421	21F0123-21	XDT_m1210628-152	Water	06/29/21 13:01
DS-12S-GW-060421	21F0123-23	XDT_m1210628-153	Water	06/29/21 13:05
DS-12S-GW-060421	21F0123-23	XDT_m1210628-153	Water	06/29/21 13:05
Instrument Blank	SJF0401-IBLF	XDT_m1210628-154	NA	06/29/21 13:12
Instrument Blank	SJF0401-IBLF	XDT_m1210628-154	NA	06/29/21 13:12
NRC-3IR-GW-060321	21F0123-02	XDT_m1210628-155	Water	06/29/21 13:16
NRC-3IR-GW-060321	21F0123-02	XDT_m1210628-155	Water	06/29/21 13:16
NRC-3IR-GW-060321	21F0123-02	XDT_m1210628-155	Water	06/29/21 13:16
DS-15S-GW-060421	21F0123-12	XDT_m1210628-156	Water	06/29/21 13:20
DS-15S-GW-060421	21F0123-12	XDT_m1210628-156	Water	06/29/21 13:20
DS-15S-GW-060421	21F0123-12	XDT_m1210628-156	Water	06/29/21 13:20
DS-18D-GW-060421	21F0123-16	XDT_m1210628-157	Water	06/29/21 13:24
DS-18D-GW-060421	21F0123-16	XDT_m1210628-157	Water	06/29/21 13:24

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-18D-GW-060421	21F0123-16	XDT_m1210628-157	Water	06/29/21 13:24
DS-12I-GW-060421	21F0123-24	XDT_m1210628-158	Water	06/29/21 13:29
DS-12I-GW-060421	21F0123-24	XDT_m1210628-158	Water	06/29/21 13:29
DS-12I-GW-060421	21F0123-24	XDT_m1210628-158	Water	06/29/21 13:29
DS-18I-GW-060421	21F0123-15	XDT_m1210628-159	Water	06/29/21 13:33
DS-18I-GW-060421	21F0123-15	XDT_m1210628-159	Water	06/29/21 13:33
DS-18I-GW-060421	21F0123-15	XDT_m1210628-159	Water	06/29/21 13:33
Instrument Blank	SJF0401-IBLG	XDT_m1210628-160	NA	06/29/21 13:38
Instrument Blank	SJF0401-IBLG	XDT_m1210628-160	NA	06/29/21 13:38
Calibration Check	SJF0401-CCVE	XDT_m1210628-161	NA	06/29/21 13:43
Calibration Check	SJF0401-CCVE	XDT_m1210628-161	NA	06/29/21 13:43
Calibration Blank	SJF0401-CCBE	XDT_m1210628-162	NA	06/29/21 13:50
Calibration Blank	SJF0401-CCBE	XDT_m1210628-162	NA	06/29/21 13:50
DS-13S-GW-060421	21F0123-26	XDT_m1210628-164	Water	06/29/21 13:58
DS-13S-GW-060421	21F0123-26	XDT_m1210628-164	Water	06/29/21 13:58
DS-13S-GW-060421	21F0123-26	XDT_m1210628-164	Water	06/29/21 13:58
DS-13I-GW-060421	21F0123-27	XDT_m1210628-165	Water	06/29/21 14:02
DS-13I-GW-060421	21F0123-27	XDT_m1210628-165	Water	06/29/21 14:02
DS-13I-GW-060421	21F0123-27	XDT_m1210628-165	Water	06/29/21 14:02
DS-12S-GW-060421	21F0123-23RE1	XDT_m1210628-166	Water	06/29/21 14:06
ZZZZZ	21F0130-43RE1	XDT_m1210628-167	Water	06/29/21 14:09
ZZZZZ	21F0130-43RE1	XDT_m1210628-167	Water	06/29/21 14:09
ZZZZZ	21F0245-04	XDT_m1210628-168	Solid	06/29/21 14:13
ZZZZZ	21F0245-05	XDT_m1210628-169	Solid	06/29/21 14:17
ZZZZZ	21F0245-06	XDT_m1210628-170	Solid	06/29/21 14:22
Instrument Blank	SJF0401-IBLH	XDT_m1210628-171	NA	06/29/21 14:27
Instrument Blank	SJF0401-IBLH	XDT_m1210628-171	NA	06/29/21 14:27
Calibration Check	SJF0401-CCVF	XDT_m1210628-172	NA	06/29/21 14:31
Calibration Check	SJF0401-CCVF	XDT_m1210628-172	NA	06/29/21 14:31
Calibration Blank	SJF0401-CCBF	XDT_m1210628-173	NA	06/29/21 14:38

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0401	Instrument:	ICPMS1
		Calibration:	EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0401-CCBF	XDT_m1210628-173	NA	06/29/21 14:38

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0402
Instrument: ICPMS1
Calibration: EF00082

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0402-CAL1	XDT_m1210629-004	NA	06/29/21 16:38
CAL 1 - LOW CHECK	SJF0402-CAL2	XDT_m1210629-005	NA	06/29/21 16:43
CAL 2	SJF0402-CAL3	XDT_m1210629-006	NA	06/29/21 16:48
CAL 3	SJF0402-CAL4	XDT_m1210629-007	NA	06/29/21 16:53
CAL 4	SJF0402-CAL5	XDT_m1210629-008	NA	06/29/21 16:58
CAL 5	SJF0402-CAL6	XDT_m1210629-009	NA	06/29/21 17:05
RINSE	SJF0402-IBL1	XDT_m1210629-010	NA	06/29/21 17:12
Initial Cal Check	SJF0402-ICV1	XDT_m1210629-012	NA	06/29/21 17:24
Initial Cal Blank	SJF0402-ICB1	XDT_m1210629-013	NA	06/29/21 17:32
Calibration Check	SJF0402-CCV1	XDT_m1210629-014	NA	06/29/21 17:39
Calibration Blank	SJF0402-CCB1	XDT_m1210629-015	NA	06/29/21 17:47
Instrument RL Check	SJF0402-CRL1	XDT_m1210629-016	NA	06/29/21 17:52
Interference Check A	SJF0402-IFA1	XDT_m1210629-017	NA	06/29/21 17:57
Interference Check B	SJF0402-IFB1	XDT_m1210629-018	NA	06/29/21 18:02
LR200	SJF0402-HCV1	XDT_m1210629-019	NA	06/29/21 18:07
LR300	SJF0402-HCV2	XDT_m1210629-020	NA	06/29/21 18:12
Instrument Blank	SJF0402-IBL2	XDT_m1210629-021	NA	06/29/21 18:20
Instrument Blank	SJF0402-IBL3	XDT_m1210629-022	NA	06/29/21 18:26
Calibration Check	SJF0402-CCV2	XDT_m1210629-023	NA	06/29/21 18:33
Calibration Blank	SJF0402-CCB2	XDT_m1210629-024	NA	06/29/21 18:40
Calibration Check	SJF0402-CCV3	XDT_m1210629-026	NA	06/29/21 18:54
Calibration Blank	SJF0402-CCB3	XDT_m1210629-027	NA	06/29/21 19:02
Instrument Blank	SJF0402-IBL4	XDT_m1210629-034	NA	06/29/21 19:46
Calibration Check	SJF0402-CCV4	XDT_m1210629-039	NA	06/29/21 20:15
Calibration Blank	SJF0402-CCB4	XDT_m1210629-041	NA	06/29/21 20:43
Calibration Check	SJF0402-CCV5	XDT_m1210629-043	NA	06/29/21 20:54
Calibration Blank	SJF0402-CCB5	XDT_m1210629-044	NA	06/29/21 21:01
Instrument Blank	SJF0402-IBL5	XDT_m1210629-054	NA	06/29/21 22:05
Calibration Check	SJF0402-CCV6	XDT_m1210629-055	NA	06/29/21 22:10
Calibration Blank	SJF0402-CCB6	XDT_m1210629-056	NA	06/29/21 22:17

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0402
Instrument: ICPMS1
Calibration: EF00082

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Instrument Blank	SJF0402-IBL6	XDT_m1210629-065	NA	06/29/21 23:20
Calibration Check	SJF0402-CCV7	XDT_m1210629-066	NA	06/29/21 23:25
Calibration Blank	SJF0402-CCB7	XDT_m1210629-067	NA	06/29/21 23:32
Calibration Check	SJF0402-CCV8	XDT_m1210629-069	NA	06/29/21 23:44
Calibration Blank	SJF0402-CCB8	XDT_m1210629-070	NA	06/29/21 23:51
ZZZZZ	21F0245-04	XDT_m1210629-077	Solid	06/30/21 00:39
ZZZZZ	21F0245-05	XDT_m1210629-078	Solid	06/30/21 00:43
ZZZZZ	21F0245-06	XDT_m1210629-079	Solid	06/30/21 00:47
Instrument Blank	SJF0402-IBL7	XDT_m1210629-080	NA	06/30/21 00:53
Calibration Check	SJF0402-CCV9	XDT_m1210629-081	NA	06/30/21 00:58
Calibration Blank	SJF0402-CCB9	XDT_m1210629-082	NA	06/30/21 01:05
Instrument Blank	SJF0402-IBL8	XDT_m1210629-086	NA	06/30/21 01:24
Instrument Blank	SJF0402-IBL9	XDT_m1210629-092	NA	06/30/21 01:55
Calibration Check	SJF0402-CCVA	XDT_m1210629-093	NA	06/30/21 01:59
Calibration Blank	SJF0402-CCBA	XDT_m1210629-094	NA	06/30/21 02:06
DS-12S-GW-060421	21F0123-23	XDT_m1210629-097	Water	06/30/21 02:19
ZZZZZ	21F0130-43	XDT_m1210629-098	Water	06/30/21 02:23
Instrument Blank	SJF0402-IBLA	XDT_m1210629-104	NA	06/30/21 02:56
Calibration Check	SJF0402-CCVB	XDT_m1210629-105	NA	06/30/21 03:01
Calibration Blank	SJF0402-CCBB	XDT_m1210629-106	NA	06/30/21 03:08
Calibration Check	SJF0402-CCVC	XDT_m1210629-108	NA	06/30/21 03:16
Calibration Blank	SJF0402-CCBC	XDT_m1210629-109	NA	06/30/21 03:23
Instrument Blank	SJF0402-IBLB	XDT_m1210629-119	NA	06/30/21 04:10
Calibration Check	SJF0402-CCVD	XDT_m1210629-120	NA	06/30/21 04:14
Calibration Blank	SJF0402-CCBD	XDT_m1210629-121	NA	06/30/21 04:20
Instrument Blank	SJF0402-IBLC	XDT_m1210629-131	NA	06/30/21 05:03
Calibration Check	SJF0402-CCVE	XDT_m1210629-132	NA	06/30/21 05:07
Calibration Blank	SJF0402-CCBE	XDT_m1210629-133	NA	06/30/21 05:13
Instrument Blank	SJF0402-IBLD	XDT_m1210629-143	NA	06/30/21 05:55
Calibration Check	SJF0402-CCVF	XDT_m1210629-144	NA	06/30/21 06:00

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0402	Instrument:	ICPMS1
		Calibration:	EF00082

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0402-CCBF	XDT_m1210629-145	NA	06/30/21 06:06
Instrument Blank	SJF0402-IBLE	XDT_m1210629-149	NA	06/30/21 06:23
Calibration Check	SJF0402-CCVG	XDT_m1210629-150	NA	06/30/21 06:27
Calibration Blank	SJF0402-CCBG	XDT_m1210629-151	NA	06/30/21 06:33

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJG0200-CAL1	XDT_m1210715-006	NA	07/15/21 14:19
CAL 0	SJG0200-CAL1	XDT_m1210715-006	NA	07/15/21 14:19
CAL 1 - LOW CHECK	SJG0200-CAL2	XDT_m1210715-007	NA	07/15/21 14:23
CAL 1 - LOW CHECK	SJG0200-CAL2	XDT_m1210715-007	NA	07/15/21 14:23
CAL 2	SJG0200-CAL3	XDT_m1210715-008	NA	07/15/21 14:27
CAL 2	SJG0200-CAL3	XDT_m1210715-008	NA	07/15/21 14:27
CAL 3	SJG0200-CAL4	XDT_m1210715-009	NA	07/15/21 14:32
CAL 3	SJG0200-CAL4	XDT_m1210715-009	NA	07/15/21 14:32
CAL 4	SJG0200-CAL5	XDT_m1210715-010	NA	07/15/21 14:36
CAL 4	SJG0200-CAL5	XDT_m1210715-010	NA	07/15/21 14:36
CAL 5	SJG0200-CAL6	XDT_m1210715-011	NA	07/15/21 14:42
CAL 5	SJG0200-CAL6	XDT_m1210715-011	NA	07/15/21 14:42
RINSE	SJG0200-IBL1	XDT_m1210715-012	NA	07/15/21 14:49
RINSE	SJG0200-IBL1	XDT_m1210715-012	NA	07/15/21 14:49
Initial Cal Check	SJG0200-ICV1	XDT_m1210715-014	NA	07/15/21 14:59
Initial Cal Check	SJG0200-ICV1	XDT_m1210715-014	NA	07/15/21 14:59
Initial Cal Blank	SJG0200-ICB1	XDT_m1210715-015	NA	07/15/21 15:06
Initial Cal Blank	SJG0200-ICB1	XDT_m1210715-015	NA	07/15/21 15:06
Calibration Check	SJG0200-CCV1	XDT_m1210715-016	NA	07/15/21 15:11
Calibration Check	SJG0200-CCV1	XDT_m1210715-016	NA	07/15/21 15:11
Calibration Blank	SJG0200-CCB1	XDT_m1210715-017	NA	07/15/21 15:18
Calibration Blank	SJG0200-CCB1	XDT_m1210715-017	NA	07/15/21 15:18
Instrument RL Check	SJG0200-CRL1	XDT_m1210715-018	NA	07/15/21 15:23
Instrument RL Check	SJG0200-CRL1	XDT_m1210715-018	NA	07/15/21 15:23
Interference Check A	SJG0200-IFA1	XDT_m1210715-019	NA	07/15/21 15:29
Interference Check A	SJG0200-IFA1	XDT_m1210715-019	NA	07/15/21 15:29
Interference Check B	SJG0200-IFB1	XDT_m1210715-020	NA	07/15/21 15:33
Interference Check B	SJG0200-IFB1	XDT_m1210715-020	NA	07/15/21 15:33
LR200	SJG0200-HCV1	XDT_m1210715-021	NA	07/15/21 15:37
LR200	SJG0200-HCV1	XDT_m1210715-021	NA	07/15/21 15:37

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
LR300	SJG0200-HCV2	XDT_m1210715-022	NA	07/15/21 15:41
LR300	SJG0200-HCV2	XDT_m1210715-022	NA	07/15/21 15:41
Instrument Blank	SJG0200-IBL2	XDT_m1210715-023	NA	07/15/21 15:48
Instrument Blank	SJG0200-IBL2	XDT_m1210715-023	NA	07/15/21 15:48
Instrument Blank	SJG0200-IBL3	XDT_m1210715-024	NA	07/15/21 15:54
Instrument Blank	SJG0200-IBL3	XDT_m1210715-024	NA	07/15/21 15:54
Calibration Check	SJG0200-CCV2	XDT_m1210715-025	NA	07/15/21 16:00
Calibration Check	SJG0200-CCV2	XDT_m1210715-025	NA	07/15/21 16:00
Calibration Blank	SJG0200-CCB2	XDT_m1210715-026	NA	07/15/21 16:07
Calibration Blank	SJG0200-CCB2	XDT_m1210715-026	NA	07/15/21 16:07
Instrument Blank	SJG0200-IBL4	XDT_m1210715-035	NA	07/15/21 17:04
Instrument Blank	SJG0200-IBL4	XDT_m1210715-035	NA	07/15/21 17:04
Calibration Check	SJG0200-CCV3	XDT_m1210715-036	NA	07/15/21 17:08
Calibration Check	SJG0200-CCV3	XDT_m1210715-036	NA	07/15/21 17:08
Calibration Blank	SJG0200-CCB3	XDT_m1210715-037	NA	07/15/21 17:15
Calibration Blank	SJG0200-CCB3	XDT_m1210715-037	NA	07/15/21 17:15
Calibration Check	SJG0200-CCV4	XDT_m1210715-039	NA	07/15/21 17:24
Calibration Check	SJG0200-CCV4	XDT_m1210715-039	NA	07/15/21 17:24
Calibration Blank	SJG0200-CCB4	XDT_m1210715-040	NA	07/15/21 17:30
Calibration Blank	SJG0200-CCB4	XDT_m1210715-040	NA	07/15/21 17:30
Blank	BJF0654-BLK3	XDT_m1210715-041	Water	07/15/21 17:36
LCS	BJF0654-BS3	XDT_m1210715-042	Water	07/15/21 17:39
Blank	BJF0655-BLK4	XDT_m1210715-043	Water	07/15/21 17:42
LCS	BJF0655-BS4	XDT_m1210715-044	Water	07/15/21 17:46
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210715-045	Water	07/15/21 17:49
NRC-3SR-GW-060321	21F0123-01	XDT_m1210715-046	Water	07/15/21 17:52
NRC-3SR-GW-060321	21F0123-01	XDT_m1210715-046	Water	07/15/21 17:52
NRC-3SR-GW-060321	BJF0655-DUP3	XDT_m1210715-047	Water	07/15/21 17:56
NRC-3SR-GW-060321	BJF0655-DUP3	XDT_m1210715-047	Water	07/15/21 17:56
NRC-3SR-GW-060321	BJF0655-MS3	XDT_m1210715-048	Water	07/15/21 18:00

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-3SR-GW-060321	BJF0655-MS3	XDT_m1210715-048	Water	07/15/21 18:00
NRC-3SR-GW-060321	BJF0655-MSD3	XDT_m1210715-049	Water	07/15/21 18:05
NRC-3SR-GW-060321	BJF0655-MSD3	XDT_m1210715-049	Water	07/15/21 18:05
Instrument Blank	SJG0200-IBL5	XDT_m1210715-050	NA	07/15/21 18:11
Instrument Blank	SJG0200-IBL5	XDT_m1210715-050	NA	07/15/21 18:11
Calibration Check	SJG0200-CCV5	XDT_m1210715-051	NA	07/15/21 18:15
Calibration Check	SJG0200-CCV5	XDT_m1210715-051	NA	07/15/21 18:15
Calibration Blank	SJG0200-CCB5	XDT_m1210715-052	NA	07/15/21 18:21
Calibration Blank	SJG0200-CCB5	XDT_m1210715-052	NA	07/15/21 18:21
DS-16S-GW-060421	21F0123-11	XDT_m1210715-053	Water	07/15/21 18:28
DS-16S-GW-060421	21F0123-11	XDT_m1210715-053	Water	07/15/21 18:28
DS-16S-GW-060421	21F0123-11	XDT_m1210715-053	Water	07/15/21 18:28
DS-18S-GW-060421	21F0123-14	XDT_m1210715-054	Water	07/15/21 18:31
DS-18S-GW-060421	21F0123-14	XDT_m1210715-054	Water	07/15/21 18:31
DS-18S-GW-060421	21F0123-14	XDT_m1210715-054	Water	07/15/21 18:31
DS-18I-GW-060421	21F0123-15	XDT_m1210715-055	Water	07/15/21 18:35
DS-18I-GW-060421	21F0123-15	XDT_m1210715-055	Water	07/15/21 18:35
DS-18I-GW-060421	21F0123-15	XDT_m1210715-055	Water	07/15/21 18:35
DS-13S-GW-060421	21F0123-26	XDT_m1210715-056	Water	07/15/21 18:38
DS-13S-GW-060421	21F0123-26	XDT_m1210715-056	Water	07/15/21 18:38
DS-13S-GW-060421	21F0123-26	XDT_m1210715-056	Water	07/15/21 18:38
DS-13I-GW-060421	21F0123-27	XDT_m1210715-057	Water	07/15/21 18:41
DS-13I-GW-060421	21F0123-27	XDT_m1210715-057	Water	07/15/21 18:41
DS-13I-GW-060421	21F0123-27	XDT_m1210715-057	Water	07/15/21 18:41
DS-17I-GW-060421	21F0123-18	XDT_m1210715-058	Water	07/15/21 18:45
DS-17I-GW-060421	21F0123-18	XDT_m1210715-058	Water	07/15/21 18:45
DS-17I-GW-060421	21F0123-18	XDT_m1210715-058	Water	07/15/21 18:45
DS-17I-GW-060421	BJF0654-DUP3	XDT_m1210715-059	Water	07/15/21 18:49
DS-17I-GW-060421	BJF0654-DUP3	XDT_m1210715-059	Water	07/15/21 18:49
DS-17I-GW-060421	BJF0654-DUP3	XDT_m1210715-059	Water	07/15/21 18:49

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-17I-GW-060421	BJF0654-MS3	XDT_m1210715-060	Water	07/15/21 18:53
DS-17I-GW-060421	BJF0654-MS3	XDT_m1210715-060	Water	07/15/21 18:53
DS-17I-GW-060421	BJF0654-MS3	XDT_m1210715-060	Water	07/15/21 18:53
DS-17I-GW-060421	BJF0654-MSD3	XDT_m1210715-061	Water	07/15/21 18:57
DS-17I-GW-060421	BJF0654-MSD3	XDT_m1210715-061	Water	07/15/21 18:57
DS-17I-GW-060421	BJF0654-MSD3	XDT_m1210715-061	Water	07/15/21 18:57
Instrument Blank	SJG0200-IBL6	XDT_m1210715-062	NA	07/15/21 19:04
Instrument Blank	SJG0200-IBL6	XDT_m1210715-062	NA	07/15/21 19:04
Calibration Check	SJG0200-CCV6	XDT_m1210715-063	NA	07/15/21 19:09
Calibration Check	SJG0200-CCV6	XDT_m1210715-063	NA	07/15/21 19:09
Calibration Blank	SJG0200-CCB6	XDT_m1210715-064	NA	07/15/21 19:15
Calibration Blank	SJG0200-CCB6	XDT_m1210715-064	NA	07/15/21 19:15
NRC-3IR-GW-060321	21F0123-02	XDT_m1210715-065	Water	07/15/21 19:22
NRC-3IR-GW-060321	21F0123-02	XDT_m1210715-065	Water	07/15/21 19:22
NRC-3IR-GW-060321	21F0123-02	XDT_m1210715-065	Water	07/15/21 19:22
DS-15S-GW-060421	21F0123-12	XDT_m1210715-066	Water	07/15/21 19:25
DS-15S-GW-060421	21F0123-12	XDT_m1210715-066	Water	07/15/21 19:25
DS-15S-GW-060421	21F0123-12	XDT_m1210715-066	Water	07/15/21 19:25
DS-18D-GW-060421	21F0123-16	XDT_m1210715-067	Water	07/15/21 19:28
DS-18D-GW-060421	21F0123-16	XDT_m1210715-067	Water	07/15/21 19:28
DS-18D-GW-060421	21F0123-16	XDT_m1210715-067	Water	07/15/21 19:28
DS-12I-GW-060421	21F0123-24	XDT_m1210715-068	Water	07/15/21 19:32
DS-12I-GW-060421	21F0123-24	XDT_m1210715-068	Water	07/15/21 19:32
DS-12I-GW-060421	21F0123-24	XDT_m1210715-068	Water	07/15/21 19:32
DS-16D-GW-060421	21F0123-10	XDT_m1210715-069	Water	07/15/21 19:35
DS-16D-GW-060421	21F0123-10	XDT_m1210715-069	Water	07/15/21 19:35
DS-16D-GW-060421	21F0123-10	XDT_m1210715-069	Water	07/15/21 19:35
DS-15I-GW-060421	21F0123-13	XDT_m1210715-070	Water	07/15/21 19:38
DS-15I-GW-060421	21F0123-13	XDT_m1210715-070	Water	07/15/21 19:38
DS-15I-GW-060421	21F0123-13	XDT_m1210715-070	Water	07/15/21 19:38

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-12D-GW-060421	21F0123-25	XDT_m1210715-071	Water	07/15/21 19:42
DS-12D-GW-060421	21F0123-25	XDT_m1210715-071	Water	07/15/21 19:42
DS-12D-GW-060421	21F0123-25	XDT_m1210715-071	Water	07/15/21 19:42
DS-13D-GW-060421	21F0123-28	XDT_m1210715-072	Water	07/15/21 19:45
DS-13D-GW-060421	21F0123-28	XDT_m1210715-072	Water	07/15/21 19:45
DS-13D-GW-060421	21F0123-28	XDT_m1210715-072	Water	07/15/21 19:45
US-1D-GW-060421	21F0123-32	XDT_m1210715-073	Water	07/15/21 19:50
US-1D-GW-060421	21F0123-32	XDT_m1210715-073	Water	07/15/21 19:50
US-1D-GW-060421	21F0123-32	XDT_m1210715-073	Water	07/15/21 19:50
Instrument Blank	SJG0200-IBL7	XDT_m1210715-074	NA	07/15/21 19:57
Instrument Blank	SJG0200-IBL7	XDT_m1210715-074	NA	07/15/21 19:57
Calibration Check	SJG0200-CCV7	XDT_m1210715-075	NA	07/15/21 20:01
Calibration Check	SJG0200-CCV7	XDT_m1210715-075	NA	07/15/21 20:01
Calibration Blank	SJG0200-CCB7	XDT_m1210715-076	NA	07/15/21 20:07
Calibration Blank	SJG0200-CCB7	XDT_m1210715-076	NA	07/15/21 20:07
NRC-3DR-GW-060321	21F0123-03RE1	XDT_m1210715-077	Water	07/15/21 20:13
NRC-103DR-GW-060321	21F0123-04RE1	XDT_m1210715-078	Water	07/15/21 20:17
DS-17S-GW-060421	21F0123-17	XDT_m1210715-079	Water	07/15/21 20:20
DS-17S-GW-060421	21F0123-17	XDT_m1210715-079	Water	07/15/21 20:20
DS-17S-GW-060421	21F0123-17	XDT_m1210715-079	Water	07/15/21 20:20
DS-17S-GW-060421	21F0123-17	XDT_m1210715-079	Water	07/15/21 20:20
DS-17S-GW-060421	21F0123-17	XDT_m1210715-079	Water	07/15/21 20:20
DS-17S-GW-060421	21F0123-17	XDT_m1210715-079	Water	07/15/21 20:20
DS-12S-GW-060421	21F0123-23	XDT_m1210715-080	Water	07/15/21 20:24
DS-12S-GW-060421	21F0123-23	XDT_m1210715-080	Water	07/15/21 20:24
TP2-12S-GW-060521	21F0123-34	XDT_m1210715-081	Water	07/15/21 20:27
TP2-12S-GW-060521	21F0123-34	XDT_m1210715-081	Water	07/15/21 20:27
TP2-12S-GW-060521	21F0123-34	XDT_m1210715-081	Water	07/15/21 20:27
TP2-12S-GW-060521	21F0123-34	XDT_m1210715-081	Water	07/15/21 20:27
NRC-103DR-GW-060321	21F0123-05	XDT_m1210715-082	Water	07/15/21 20:30

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-103DR-GW-060321	21F0123-05	XDT_m1210715-082	Water	07/15/21 20:30
NRC-103DR-GW-060321	BJF0556-DUP3	XDT_m1210715-083	Water	07/15/21 20:34
NRC-103DR-GW-060321	BJF0556-DUP3	XDT_m1210715-083	Water	07/15/21 20:34
NRC-103DR-GW-060321	BJF0556-MS3	XDT_m1210715-084	Water	07/15/21 20:37
NRC-103DR-GW-060321	BJF0556-MS3	XDT_m1210715-084	Water	07/15/21 20:37
NRC-103DR-GW-060321	BJF0556-MSD3	XDT_m1210715-085	Water	07/15/21 20:42
NRC-103DR-GW-060321	BJF0556-MSD3	XDT_m1210715-085	Water	07/15/21 20:42
Instrument Blank	SJG0200-IBL8	XDT_m1210715-086	NA	07/15/21 20:49
Instrument Blank	SJG0200-IBL8	XDT_m1210715-086	NA	07/15/21 20:49
Calibration Check	SJG0200-CCV8	XDT_m1210715-087	NA	07/15/21 20:53
Calibration Check	SJG0200-CCV8	XDT_m1210715-087	NA	07/15/21 20:53
Calibration Blank	SJG0200-CCB8	XDT_m1210715-088	NA	07/15/21 20:59
Calibration Blank	SJG0200-CCB8	XDT_m1210715-088	NA	07/15/21 20:59
MW-3-GW-060421	21F0123-21	XDT_m1210715-089	Water	07/15/21 21:05
MW-3-GW-060421	21F0123-21	XDT_m1210715-089	Water	07/15/21 21:05
NRC-3DR-GW-060321	21F0123-03	XDT_m1210715-090	Water	07/15/21 21:08
NRC-3DR-GW-060321	21F0123-03	XDT_m1210715-090	Water	07/15/21 21:08
NRC-3DR-GW-060321	21F0123-03	XDT_m1210715-090	Water	07/15/21 21:08
NRC-3DR-GW-060321	21F0123-03	XDT_m1210715-090	Water	07/15/21 21:08
NRC-103DR-GW-060321	21F0123-04	XDT_m1210715-091	Water	07/15/21 21:13
NRC-103DR-GW-060321	21F0123-04	XDT_m1210715-091	Water	07/15/21 21:13
NRC-103DR-GW-060321	21F0123-04	XDT_m1210715-091	Water	07/15/21 21:13
NRC-103DR-GW-060321	21F0123-04	XDT_m1210715-091	Water	07/15/21 21:13
Instrument Blank	SJG0200-IBL9	XDT_m1210715-092	NA	07/15/21 21:17
Instrument Blank	SJG0200-IBL9	XDT_m1210715-092	NA	07/15/21 21:17
MW-01-GW-060321	21F0123-07	XDT_m1210715-094	Water	07/15/21 21:27
MW-01-GW-060321	21F0123-07	XDT_m1210715-094	Water	07/15/21 21:27
MW-01-GW-060321	21F0123-07	XDT_m1210715-094	Water	07/15/21 21:27
MW-01-GW-060321	21F0123-07	XDT_m1210715-094	Water	07/15/21 21:27
MW-01-GW-060321	21F0123-07	XDT_m1210715-094	Water	07/15/21 21:27

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJG0200

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
MW-2-GW-060321	21F0123-08	XDT_m1210715-095	Water	07/15/21 21:30
MW-2-GW-060321	21F0123-08	XDT_m1210715-095	Water	07/15/21 21:30
MW-2-GW-060321	21F0123-08	XDT_m1210715-095	Water	07/15/21 21:30
MW-2-GW-060321	21F0123-08	XDT_m1210715-095	Water	07/15/21 21:30
MW-2-GW-060321	21F0123-08	XDT_m1210715-095	Water	07/15/21 21:30
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210715-096	Water	07/15/21 21:34
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210715-096	Water	07/15/21 21:34
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210715-096	Water	07/15/21 21:34
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210715-096	Water	07/15/21 21:34
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210715-096	Water	07/15/21 21:34
RC-6-SW-060521	21F0123-36	XDT_m1210715-097	Water	07/15/21 21:37
RC-6-SW-060521	21F0123-36	XDT_m1210715-097	Water	07/15/21 21:37
RC-6-SW-060521	21F0123-36	XDT_m1210715-097	Water	07/15/21 21:37
RC-6-SW-060521	21F0123-36	XDT_m1210715-097	Water	07/15/21 21:37
RC-6-SW-060521	21F0123-36	XDT_m1210715-097	Water	07/15/21 21:37
Instrument Blank	SJG0200-IBLA	XDT_m1210715-098	NA	07/15/21 21:42
Instrument Blank	SJG0200-IBLA	XDT_m1210715-098	NA	07/15/21 21:42
Calibration Check	SJG0200-CCV9	XDT_m1210715-099	NA	07/15/21 21:46
Calibration Check	SJG0200-CCV9	XDT_m1210715-099	NA	07/15/21 21:46
Calibration Blank	SJG0200-CCB9	XDT_m1210715-100	NA	07/15/21 21:52
Calibration Blank	SJG0200-CCB9	XDT_m1210715-100	NA	07/15/21 21:52
Calibration Check	SJG0200-CCVA	XDT_m1210715-102	NA	07/15/21 22:02
Calibration Check	SJG0200-CCVA	XDT_m1210715-102	NA	07/15/21 22:02
Calibration Blank	SJG0200-CCBA	XDT_m1210715-103	NA	07/15/21 22:09
Calibration Blank	SJG0200-CCBA	XDT_m1210715-103	NA	07/15/21 22:09
ZZZZZ	BJF0619-BLK2	XDT_m1210715-104	Water	07/15/21 22:12
ZZZZZ	BJF0619-BS2	XDT_m1210715-105	Water	07/15/21 22:15
NRC-103SR-GW-060321	21F0123-06	XDT_m1210715-106	Water	07/15/21 22:19
NRC-103SR-GW-060321	21F0123-06	XDT_m1210715-106	Water	07/15/21 22:19
NRC-103SR-GW-060321	21F0123-06	XDT_m1210715-106	Water	07/15/21 22:19

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJG0200

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-103SR-GW-060321	21F0123-06	XDT_m1210715-106	Water	07/15/21 22:19
NRC-103SR-GW-060321	21F0123-06	XDT_m1210715-106	Water	07/15/21 22:19
RC-6-PW-6-060521	21F0123-37	XDT_m1210715-107	Water	07/15/21 22:22
RC-6-PW-6-060521	21F0123-37	XDT_m1210715-107	Water	07/15/21 22:22
RC-6-PW-6-060521	21F0123-37	XDT_m1210715-107	Water	07/15/21 22:22
RC-6-PW-6-060521	21F0123-37	XDT_m1210715-107	Water	07/15/21 22:22
RC-6-PW-6-060521	21F0123-37	XDT_m1210715-107	Water	07/15/21 22:22
RC-6-PW-12-060521	21F0123-38	XDT_m1210715-108	Water	07/15/21 22:25
RC-6-PW-12-060521	21F0123-38	XDT_m1210715-108	Water	07/15/21 22:25
RC-6-PW-12-060521	21F0123-38	XDT_m1210715-108	Water	07/15/21 22:25
RC-6-PW-12-060521	21F0123-38	XDT_m1210715-108	Water	07/15/21 22:25
RC-6-PW-12-060521	21F0123-38	XDT_m1210715-108	Water	07/15/21 22:25
RC-6-WP-36-060521	21F0123-39	XDT_m1210715-109	Water	07/15/21 22:28
RC-6-WP-36-060521	21F0123-39	XDT_m1210715-109	Water	07/15/21 22:28
RC-6-WP-36-060521	21F0123-39	XDT_m1210715-109	Water	07/15/21 22:28
RC-6-WP-36-060521	21F0123-39	XDT_m1210715-109	Water	07/15/21 22:28
RC-6-WP-36-060521	21F0123-39	XDT_m1210715-109	Water	07/15/21 22:28
RC-1-SW-060521	21F0123-40	XDT_m1210715-110	Water	07/15/21 22:32
RC-1-SW-060521	21F0123-40	XDT_m1210715-110	Water	07/15/21 22:32
RC-1-SW-060521	21F0123-40	XDT_m1210715-110	Water	07/15/21 22:32
RC-1-SW-060521	21F0123-40	XDT_m1210715-110	Water	07/15/21 22:32
RC-1-SW-060521	21F0123-40	XDT_m1210715-110	Water	07/15/21 22:32
RC-1-SW-060521	21F0123-41	XDT_m1210715-111	Water	07/15/21 22:36
RC-1-SW-060521	21F0123-41	XDT_m1210715-111	Water	07/15/21 22:36
RC-1-SW-060521	21F0123-41	XDT_m1210715-111	Water	07/15/21 22:36
RC-1-SW-060521	21F0123-41	XDT_m1210715-111	Water	07/15/21 22:36
RC-1-SW-060521	21F0123-41	XDT_m1210715-111	Water	07/15/21 22:36
NRC-3DR-GW-060321	21F0123-42	XDT_m1210715-112	Water	07/15/21 22:40
NRC-3DR-GW-060321	21F0123-42	XDT_m1210715-112	Water	07/15/21 22:40
NRC-3DR-GW-060321	21F0123-42	XDT_m1210715-112	Water	07/15/21 22:40

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-3DR-GW-060321	21F0123-42	XDT_m1210715-112	Water	07/15/21 22:40
Instrument Blank	SJG0200-IBLB	XDT_m1210715-113	NA	07/15/21 22:47
Instrument Blank	SJG0200-IBLB	XDT_m1210715-113	NA	07/15/21 22:47
Calibration Check	SJG0200-CCVB	XDT_m1210715-114	NA	07/15/21 22:51
Calibration Check	SJG0200-CCVB	XDT_m1210715-114	NA	07/15/21 22:51
Calibration Blank	SJG0200-CCBB	XDT_m1210715-115	NA	07/15/21 22:57
Calibration Blank	SJG0200-CCBB	XDT_m1210715-115	NA	07/15/21 22:57
DS-16I-GW-060421	21F0123-09	XDT_m1210715-116	Water	07/15/21 23:00
DS-16I-GW-060421	21F0123-09	XDT_m1210715-116	Water	07/15/21 23:00
SG-7R-WP-060421	21F0123-22	XDT_m1210715-117	Water	07/15/21 23:03
SG-7R-WP-060421	21F0123-22	XDT_m1210715-117	Water	07/15/21 23:03
HBKG-2-GW-060421	21F0123-29	XDT_m1210715-118	Water	07/15/21 23:07
HBKG-2-GW-060421	21F0123-29	XDT_m1210715-118	Water	07/15/21 23:07
US-1S-GW-060421	21F0123-30	XDT_m1210715-119	Water	07/15/21 23:10
US-1S-GW-060421	21F0123-30	XDT_m1210715-119	Water	07/15/21 23:10
US-1I-GW-060421	21F0123-31	XDT_m1210715-120	Water	07/15/21 23:13
US-1I-GW-060421	21F0123-31	XDT_m1210715-120	Water	07/15/21 23:13
TP2-12D-GW-060521	21F0123-33	XDT_m1210715-121	Water	07/15/21 23:17
TP2-12D-GW-060521	21F0123-33	XDT_m1210715-121	Water	07/15/21 23:17
RC-6-SW-060521	21F0123-35	XDT_m1210715-122	Water	07/15/21 23:21
RC-6-SW-060521	21F0123-35	XDT_m1210715-122	Water	07/15/21 23:21
Calibration Check	SJG0200-CCVC	XDT_m1210715-126	NA	07/15/21 23:41
Calibration Check	SJG0200-CCVC	XDT_m1210715-126	NA	07/15/21 23:41
Calibration Blank	SJG0200-CCBC	XDT_m1210715-127	NA	07/15/21 23:47
Calibration Blank	SJG0200-CCBC	XDT_m1210715-127	NA	07/15/21 23:47
ZZZZZ	21F0130-20	XDT_m1210715-128	Water	07/15/21 23:50
ZZZZZ	21F0130-20	XDT_m1210715-128	Water	07/15/21 23:50
ZZZZZ	21F0130-20	XDT_m1210715-128	Water	07/15/21 23:50
ZZZZZ	21F0130-20	XDT_m1210715-128	Water	07/15/21 23:50
ZZZZZ	21F0130-05	XDT_m1210715-129	Water	07/15/21 23:53

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-05	XDT_m1210715-129	Water	07/15/21 23:53
ZZZZZ	21F0130-05	XDT_m1210715-129	Water	07/15/21 23:53
ZZZZZ	21F0139-02	XDT_m1210715-133	Water	07/16/21 00:12
ZZZZZ	21F0139-02	XDT_m1210715-133	Water	07/16/21 00:12
ZZZZZ	21F0139-02	XDT_m1210715-133	Water	07/16/21 00:12
ZZZZZ	21F0139-02	XDT_m1210715-133	Water	07/16/21 00:12
ZZZZZ	21F0139-02	XDT_m1210715-133	Water	07/16/21 00:12
ZZZZZ	21F0139-02	XDT_m1210715-133	Water	07/16/21 00:12
Instrument Blank	SJG0200-IBLC	XDT_m1210715-137	NA	07/16/21 00:30
Instrument Blank	SJG0200-IBLC	XDT_m1210715-137	NA	07/16/21 00:30
Calibration Check	SJG0200-CCVD	XDT_m1210715-138	NA	07/16/21 00:34
Calibration Check	SJG0200-CCVD	XDT_m1210715-138	NA	07/16/21 00:34
Calibration Blank	SJG0200-CCBD	XDT_m1210715-139	NA	07/16/21 00:40
Calibration Blank	SJG0200-CCBD	XDT_m1210715-139	NA	07/16/21 00:40
Calibration Check	SJG0200-CCVE	XDT_m1210715-141	NA	07/16/21 00:47
Calibration Check	SJG0200-CCVE	XDT_m1210715-141	NA	07/16/21 00:47
Calibration Blank	SJG0200-CCBE	XDT_m1210715-142	NA	07/16/21 00:53
Calibration Blank	SJG0200-CCBE	XDT_m1210715-142	NA	07/16/21 00:53
ZZZZZ	21F0130-35	XDT_m1210715-145	Water	07/16/21 01:03
ZZZZZ	21F0130-35	XDT_m1210715-145	Water	07/16/21 01:03
ZZZZZ	21F0130-35	XDT_m1210715-145	Water	07/16/21 01:03
ZZZZZ	21F0130-35	XDT_m1210715-145	Water	07/16/21 01:03
ZZZZZ	21F0130-39	XDT_m1210715-146	Water	07/16/21 01:06
ZZZZZ	21F0130-39	XDT_m1210715-146	Water	07/16/21 01:06
ZZZZZ	21F0130-39	XDT_m1210715-146	Water	07/16/21 01:06
ZZZZZ	21F0130-39	XDT_m1210715-146	Water	07/16/21 01:06
ZZZZZ	21F0130-39	XDT_m1210715-146	Water	07/16/21 01:06
ZZZZZ	21F0130-39	XDT_m1210715-146	Water	07/16/21 01:06
ZZZZZ	21F0130-40	XDT_m1210715-147	Water	07/16/21 01:10
ZZZZZ	21F0130-40	XDT_m1210715-147	Water	07/16/21 01:10

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-40	XDT_m1210715-147	Water	07/16/21 01:10
ZZZZZ	21F0130-40	XDT_m1210715-147	Water	07/16/21 01:10
ZZZZZ	21F0130-40	XDT_m1210715-147	Water	07/16/21 01:10
ZZZZZ	21F0130-21	XDT_m1210715-148	Water	07/16/21 01:13
ZZZZZ	21F0130-21	XDT_m1210715-148	Water	07/16/21 01:13
ZZZZZ	21F0130-21	XDT_m1210715-148	Water	07/16/21 01:13
ZZZZZ	21F0130-21	XDT_m1210715-148	Water	07/16/21 01:13
ZZZZZ	21F0130-21	XDT_m1210715-148	Water	07/16/21 01:13
ZZZZZ	21F0130-21	XDT_m1210715-148	Water	07/16/21 01:13
Instrument Blank	SJG0200-IBLD	XDT_m1210715-152	NA	07/16/21 01:31
Instrument Blank	SJG0200-IBLD	XDT_m1210715-152	NA	07/16/21 01:31
Calibration Check	SJG0200-CCVF	XDT_m1210715-153	NA	07/16/21 01:35
Calibration Check	SJG0200-CCVF	XDT_m1210715-153	NA	07/16/21 01:35
Calibration Blank	SJG0200-CCBF	XDT_m1210715-154	NA	07/16/21 01:41
Calibration Blank	SJG0200-CCBF	XDT_m1210715-154	NA	07/16/21 01:41
ZZZZZ	21F0130-50	XDT_m1210715-155	Water	07/16/21 01:45
ZZZZZ	21F0130-50	XDT_m1210715-155	Water	07/16/21 01:45
ZZZZZ	21F0130-50	XDT_m1210715-155	Water	07/16/21 01:45
ZZZZZ	21F0130-50	XDT_m1210715-155	Water	07/16/21 01:45
ZZZZZ	21F0130-50	XDT_m1210715-155	Water	07/16/21 01:45
ZZZZZ	21F0130-50	XDT_m1210715-155	Water	07/16/21 01:45
ZZZZZ	21F0130-28	XDT_m1210715-156	Water	07/16/21 01:48
ZZZZZ	21F0130-28	XDT_m1210715-156	Water	07/16/21 01:48
ZZZZZ	21F0130-28	XDT_m1210715-156	Water	07/16/21 01:48
ZZZZZ	21F0130-28	XDT_m1210715-156	Water	07/16/21 01:48
ZZZZZ	21F0130-28	XDT_m1210715-156	Water	07/16/21 01:48
ZZZZZ	21F0130-28	XDT_m1210715-156	Water	07/16/21 01:48
ZZZZZ	21F0130-17	XDT_m1210715-160	Water	07/16/21 02:06
ZZZZZ	21F0130-17	XDT_m1210715-160	Water	07/16/21 02:06
ZZZZZ	21F0130-17	XDT_m1210715-160	Water	07/16/21 02:06

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-17	XDT_m1210715-160	Water	07/16/21 02:06
ZZZZZ	21F0130-17	XDT_m1210715-160	Water	07/16/21 02:06
ZZZZZ	21F0130-17	XDT_m1210715-160	Water	07/16/21 02:06
Instrument Blank	SJG0200-IBLE	XDT_m1210715-164	NA	07/16/21 02:25
Instrument Blank	SJG0200-IBLE	XDT_m1210715-164	NA	07/16/21 02:25
Calibration Check	SJG0200-CCVG	XDT_m1210715-165	NA	07/16/21 02:29
Calibration Check	SJG0200-CCVG	XDT_m1210715-165	NA	07/16/21 02:29
Calibration Blank	SJG0200-CCBG	XDT_m1210715-166	NA	07/16/21 02:35
Calibration Blank	SJG0200-CCBG	XDT_m1210715-166	NA	07/16/21 02:35
ZZZZZ	21F0196-20	XDT_m1210715-172	Water	07/16/21 02:55
ZZZZZ	21F0196-20	XDT_m1210715-172	Water	07/16/21 02:55
ZZZZZ	21F0196-20	XDT_m1210715-172	Water	07/16/21 02:55
ZZZZZ	21F0196-20	XDT_m1210715-172	Water	07/16/21 02:55
ZZZZZ	21F0196-20	XDT_m1210715-172	Water	07/16/21 02:55
ZZZZZ	21F0196-20	XDT_m1210715-172	Water	07/16/21 02:55
Instrument Blank	SJG0200-IBLF	XDT_m1210715-176	NA	07/16/21 03:14
Instrument Blank	SJG0200-IBLF	XDT_m1210715-176	NA	07/16/21 03:14
Calibration Check	SJG0200-CCVH	XDT_m1210715-177	NA	07/16/21 03:17
Calibration Check	SJG0200-CCVH	XDT_m1210715-177	NA	07/16/21 03:17
Calibration Blank	SJG0200-CCBH	XDT_m1210715-178	NA	07/16/21 03:23
Calibration Blank	SJG0200-CCBH	XDT_m1210715-178	NA	07/16/21 03:23
Instrument Blank	SJG0200-IBLG	XDT_m1210715-188	NA	07/16/21 04:03
Instrument Blank	SJG0200-IBLG	XDT_m1210715-188	NA	07/16/21 04:03
Calibration Check	SJG0200-CCVI	XDT_m1210715-189	NA	07/16/21 04:08
Calibration Check	SJG0200-CCVI	XDT_m1210715-189	NA	07/16/21 04:08
Calibration Blank	SJG0200-CCBI	XDT_m1210715-190	NA	07/16/21 04:14
Calibration Blank	SJG0200-CCBI	XDT_m1210715-190	NA	07/16/21 04:14

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJG0240-CAL1	XDT_m1210716-006	NA	07/16/21 13:45
CAL 1 - LOW CHECK	SJG0240-CAL2	XDT_m1210716-007	NA	07/16/21 13:48
CAL 2	SJG0240-CAL3	XDT_m1210716-008	NA	07/16/21 13:52
CAL 3	SJG0240-CAL4	XDT_m1210716-009	NA	07/16/21 13:55
CAL 4	SJG0240-CAL5	XDT_m1210716-010	NA	07/16/21 13:59
CAL 5	SJG0240-CAL6	XDT_m1210716-011	NA	07/16/21 14:04
RINSE	SJG0240-IBL1	XDT_m1210716-012	NA	07/16/21 14:10
Initial Cal Check	SJG0240-ICV1	XDT_m1210716-014	NA	07/16/21 14:16
Initial Cal Blank	SJG0240-ICB1	XDT_m1210716-015	NA	07/16/21 14:23
Calibration Check	SJG0240-CCV1	XDT_m1210716-016	NA	07/16/21 14:26
Calibration Blank	SJG0240-CCB1	XDT_m1210716-017	NA	07/16/21 14:32
Instrument RL Check	SJG0240-CRL1	XDT_m1210716-018	NA	07/16/21 14:35
Interference Check A	SJG0240-IFA1	XDT_m1210716-019	NA	07/16/21 14:39
Interference Check B	SJG0240-IFB1	XDT_m1210716-020	NA	07/16/21 14:42
LR200	SJG0240-HCV1	XDT_m1210716-021	NA	07/16/21 14:46
LR300	SJG0240-HCV2	XDT_m1210716-022	NA	07/16/21 14:49
Instrument Blank	SJG0240-IBL2	XDT_m1210716-023	NA	07/16/21 14:55
Calibration Check	SJG0240-CCV2	XDT_m1210716-024	NA	07/16/21 15:00
Calibration Blank	SJG0240-CCB2	XDT_m1210716-025	NA	07/16/21 15:06
NRC-3DR-GW-060321	21F0123-42	XDT_m1210716-026	Water	07/16/21 15:16
ZZZZZ	21F0130-46	XDT_m1210716-027	Water	07/16/21 15:19
ZZZZZ	21F0130-46	XDT_m1210716-027	Water	07/16/21 15:19
ZZZZZ	21F0130-46	XDT_m1210716-027	Water	07/16/21 15:19
ZZZZZ	21F0130-46	XDT_m1210716-027	Water	07/16/21 15:19
ZZZZZ	21F0130-46	XDT_m1210716-027	Water	07/16/21 15:19
ZZZZZ	21F0130-46	XDT_m1210716-027	Water	07/16/21 15:19
ZZZZZ	21F0130-46	XDT_m1210716-027	Water	07/16/21 15:19
ZZZZZ	21F0130-44	XDT_m1210716-028	Water	07/16/21 15:22
ZZZZZ	21F0130-44	XDT_m1210716-028	Water	07/16/21 15:22
ZZZZZ	21F0130-44	XDT_m1210716-028	Water	07/16/21 15:22

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-44	XDT_m1210716-028	Water	07/16/21 15:22
ZZZZZ	21F0130-44	XDT_m1210716-028	Water	07/16/21 15:22
ZZZZZ	21F0130-44	XDT_m1210716-028	Water	07/16/21 15:22
ZZZZZ	21F0130-44	XDT_m1210716-028	Water	07/16/21 15:22
ZZZZZ	21F0130-52	XDT_m1210716-029	Water	07/16/21 15:26
ZZZZZ	21F0130-52	XDT_m1210716-029	Water	07/16/21 15:26
ZZZZZ	21F0130-52	XDT_m1210716-029	Water	07/16/21 15:26
ZZZZZ	21F0130-52	XDT_m1210716-029	Water	07/16/21 15:26
ZZZZZ	21F0130-52	XDT_m1210716-029	Water	07/16/21 15:26
ZZZZZ	21F0130-52	XDT_m1210716-029	Water	07/16/21 15:26
ZZZZZ	21F0130-52	XDT_m1210716-029	Water	07/16/21 15:26
ZZZZZ	21F0130-04	XDT_m1210716-030	Water	07/16/21 15:29
ZZZZZ	21F0130-04	XDT_m1210716-030	Water	07/16/21 15:29
ZZZZZ	21F0130-04	XDT_m1210716-030	Water	07/16/21 15:29
ZZZZZ	21F0130-04	XDT_m1210716-030	Water	07/16/21 15:29
ZZZZZ	21F0130-04	XDT_m1210716-030	Water	07/16/21 15:29
ZZZZZ	21F0130-04	XDT_m1210716-030	Water	07/16/21 15:29
ZZZZZ	21F0130-03RE1	XDT_m1210716-031	Water	07/16/21 15:32
ZZZZZ	21F0130-09RE1	XDT_m1210716-032	Water	07/16/21 15:36
ZZZZZ	21F0130-42	XDT_m1210716-033	Water	07/16/21 15:39
ZZZZZ	21F0130-42	XDT_m1210716-033	Water	07/16/21 15:39
ZZZZZ	21F0130-42	XDT_m1210716-033	Water	07/16/21 15:39
ZZZZZ	21F0130-42	XDT_m1210716-033	Water	07/16/21 15:39
ZZZZZ	21F0130-42	XDT_m1210716-033	Water	07/16/21 15:39
ZZZZZ	21F0130-42	XDT_m1210716-033	Water	07/16/21 15:39
ZZZZZ	21F0130-42	XDT_m1210716-033	Water	07/16/21 15:39
ZZZZZ	21F0130-56	XDT_m1210716-034	Water	07/16/21 15:44
ZZZZZ	21F0130-56	XDT_m1210716-034	Water	07/16/21 15:44
ZZZZZ	21F0130-56	XDT_m1210716-034	Water	07/16/21 15:44
ZZZZZ	21F0130-56	XDT_m1210716-034	Water	07/16/21 15:44

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-56	XDT_m1210716-034	Water	07/16/21 15:44
ZZZZZ	21F0130-56	XDT_m1210716-034	Water	07/16/21 15:44
ZZZZZ	21F0130-56	XDT_m1210716-034	Water	07/16/21 15:44
Instrument Blank	SJG0240-IBL3	XDT_m1210716-035	NA	07/16/21 15:50
Calibration Check	SJG0240-CCV3	XDT_m1210716-036	NA	07/16/21 15:54
Calibration Blank	SJG0240-CCB3	XDT_m1210716-037	NA	07/16/21 16:00
Instrument Blank	SJG0240-IBL4	XDT_m1210716-047	NA	07/16/21 16:54
Calibration Check	SJG0240-CCV4	XDT_m1210716-048	NA	07/16/21 16:58
Calibration Blank	SJG0240-CCB4	XDT_m1210716-049	NA	07/16/21 17:04
ZZZZZ	21F0130-43	XDT_m1210716-054	Water	07/16/21 17:26
ZZZZZ	21F0130-43	XDT_m1210716-054	Water	07/16/21 17:26
ZZZZZ	21F0130-43	XDT_m1210716-054	Water	07/16/21 17:26
ZZZZZ	21F0130-32	XDT_m1210716-055	Water	07/16/21 17:29
ZZZZZ	21F0130-32	XDT_m1210716-055	Water	07/16/21 17:29
ZZZZZ	21F0130-32	XDT_m1210716-055	Water	07/16/21 17:29
ZZZZZ	21F0130-32	XDT_m1210716-055	Water	07/16/21 17:29
ZZZZZ	21F0130-32	XDT_m1210716-055	Water	07/16/21 17:29
ZZZZZ	21F0130-32	XDT_m1210716-055	Water	07/16/21 17:29
ZZZZZ	21F0130-41	XDT_m1210716-056	Water	07/16/21 17:32
ZZZZZ	21F0130-41	XDT_m1210716-056	Water	07/16/21 17:32
ZZZZZ	21F0130-41	XDT_m1210716-056	Water	07/16/21 17:32
ZZZZZ	21F0130-41	XDT_m1210716-056	Water	07/16/21 17:32
ZZZZZ	21F0130-41	XDT_m1210716-056	Water	07/16/21 17:32
ZZZZZ	21F0130-41	XDT_m1210716-056	Water	07/16/21 17:32
ZZZZZ	21F0130-03	XDT_m1210716-057	Water	07/16/21 17:36
ZZZZZ	21F0130-03	XDT_m1210716-057	Water	07/16/21 17:36
ZZZZZ	21F0130-03	XDT_m1210716-057	Water	07/16/21 17:36
ZZZZZ	21F0130-03	XDT_m1210716-057	Water	07/16/21 17:36
ZZZZZ	21F0130-03	XDT_m1210716-057	Water	07/16/21 17:36
ZZZZZ	21F0130-03	XDT_m1210716-057	Water	07/16/21 17:36

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-09	XDT_m1210716-058	Water	07/16/21 17:42
ZZZZZ	21F0130-09	XDT_m1210716-058	Water	07/16/21 17:42
ZZZZZ	21F0130-09	XDT_m1210716-058	Water	07/16/21 17:42
ZZZZZ	21F0130-09	XDT_m1210716-058	Water	07/16/21 17:42
ZZZZZ	21F0130-09	XDT_m1210716-058	Water	07/16/21 17:42
ZZZZZ	21F0130-09	XDT_m1210716-058	Water	07/16/21 17:42
Instrument Blank	SJG0240-IBL5	XDT_m1210716-059	NA	07/16/21 17:49
Calibration Check	SJG0240-CCV5	XDT_m1210716-060	NA	07/16/21 17:53
Calibration Blank	SJG0240-CCB5	XDT_m1210716-061	NA	07/16/21 17:59
Calibration Check	SJG0240-CCV6	XDT_m1210716-063	NA	07/16/21 18:06
Calibration Blank	SJG0240-CCB6	XDT_m1210716-064	NA	07/16/21 18:19
ZZZZZ	21F0130-08	XDT_m1210716-065	Water	07/16/21 18:23
ZZZZZ	21F0130-08	XDT_m1210716-065	Water	07/16/21 18:23
ZZZZZ	21F0130-12	XDT_m1210716-066	Water	07/16/21 18:27
ZZZZZ	21F0130-12	XDT_m1210716-066	Water	07/16/21 18:27
ZZZZZ	21F0130-23	XDT_m1210716-067	Water	07/16/21 18:30
ZZZZZ	21F0130-23	XDT_m1210716-067	Water	07/16/21 18:30
ZZZZZ	21F0130-25	XDT_m1210716-068	Water	07/16/21 18:33
ZZZZZ	21F0130-25	XDT_m1210716-068	Water	07/16/21 18:33
ZZZZZ	21F0130-27	XDT_m1210716-069	Water	07/16/21 18:37
ZZZZZ	21F0130-27	XDT_m1210716-069	Water	07/16/21 18:37
ZZZZZ	21F0130-31	XDT_m1210716-070	Water	07/16/21 18:40
ZZZZZ	21F0130-31	XDT_m1210716-070	Water	07/16/21 18:40
ZZZZZ	21F0130-37	XDT_m1210716-071	Water	07/16/21 18:44
ZZZZZ	21F0130-37	XDT_m1210716-071	Water	07/16/21 18:44
ZZZZZ	21F0130-54	XDT_m1210716-072	Water	07/16/21 18:47
ZZZZZ	21F0130-54	XDT_m1210716-072	Water	07/16/21 18:47
ZZZZZ	21F0130-01	XDT_m1210716-073	Water	07/16/21 18:52
ZZZZZ	21F0130-01	XDT_m1210716-073	Water	07/16/21 18:52
ZZZZZ	21F0130-01	XDT_m1210716-073	Water	07/16/21 18:52

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-01	XDT_m1210716-073	Water	07/16/21 18:52
ZZZZZ	21F0130-01	XDT_m1210716-073	Water	07/16/21 18:52
ZZZZZ	21F0130-01	XDT_m1210716-073	Water	07/16/21 18:52
Instrument Blank	SJG0240-IBL6	XDT_m1210716-074	NA	07/16/21 18:59
Calibration Check	SJG0240-CCV7	XDT_m1210716-075	NA	07/16/21 19:03
Calibration Blank	SJG0240-CCB7	XDT_m1210716-076	NA	07/16/21 19:09
ZZZZZ	21F0130-02	XDT_m1210716-077	Water	07/16/21 19:13
ZZZZZ	21F0130-02	XDT_m1210716-077	Water	07/16/21 19:13
ZZZZZ	21F0130-02	XDT_m1210716-077	Water	07/16/21 19:13
ZZZZZ	21F0130-02	XDT_m1210716-077	Water	07/16/21 19:13
ZZZZZ	21F0130-02	XDT_m1210716-077	Water	07/16/21 19:13
ZZZZZ	21F0130-02	XDT_m1210716-077	Water	07/16/21 19:13
ZZZZZ	21F0130-06	XDT_m1210716-078	Water	07/16/21 19:16
ZZZZZ	21F0130-06	XDT_m1210716-078	Water	07/16/21 19:16
ZZZZZ	21F0130-06	XDT_m1210716-078	Water	07/16/21 19:16
ZZZZZ	21F0130-06	XDT_m1210716-078	Water	07/16/21 19:16
ZZZZZ	21F0130-06	XDT_m1210716-078	Water	07/16/21 19:16
ZZZZZ	21F0130-06	XDT_m1210716-078	Water	07/16/21 19:16
ZZZZZ	21F0130-07	XDT_m1210716-079	Water	07/16/21 19:20
ZZZZZ	21F0130-07	XDT_m1210716-079	Water	07/16/21 19:20
ZZZZZ	21F0130-07	XDT_m1210716-079	Water	07/16/21 19:20
ZZZZZ	21F0130-07	XDT_m1210716-079	Water	07/16/21 19:20
ZZZZZ	21F0130-07	XDT_m1210716-079	Water	07/16/21 19:20
ZZZZZ	21F0130-07	XDT_m1210716-079	Water	07/16/21 19:20
ZZZZZ	21F0130-10	XDT_m1210716-080	Water	07/16/21 19:23
ZZZZZ	21F0130-10	XDT_m1210716-080	Water	07/16/21 19:23
ZZZZZ	21F0130-10	XDT_m1210716-080	Water	07/16/21 19:23
ZZZZZ	21F0130-10	XDT_m1210716-080	Water	07/16/21 19:23
ZZZZZ	21F0130-10	XDT_m1210716-080	Water	07/16/21 19:23
ZZZZZ	21F0130-10	XDT_m1210716-080	Water	07/16/21 19:23

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-11	XDT_m1210716-081	Water	07/16/21 19:26
ZZZZZ	21F0130-11	XDT_m1210716-081	Water	07/16/21 19:26
ZZZZZ	21F0130-11	XDT_m1210716-081	Water	07/16/21 19:26
ZZZZZ	21F0130-11	XDT_m1210716-081	Water	07/16/21 19:26
ZZZZZ	21F0130-11	XDT_m1210716-081	Water	07/16/21 19:26
ZZZZZ	21F0130-11	XDT_m1210716-081	Water	07/16/21 19:26
ZZZZZ	21F0130-13	XDT_m1210716-082	Water	07/16/21 19:30
ZZZZZ	21F0130-13	XDT_m1210716-082	Water	07/16/21 19:30
ZZZZZ	21F0130-13	XDT_m1210716-082	Water	07/16/21 19:30
ZZZZZ	21F0130-13	XDT_m1210716-082	Water	07/16/21 19:30
ZZZZZ	21F0130-13	XDT_m1210716-082	Water	07/16/21 19:30
ZZZZZ	21F0130-13	XDT_m1210716-082	Water	07/16/21 19:30
ZZZZZ	21F0130-15	XDT_m1210716-083	Water	07/16/21 19:33
ZZZZZ	21F0130-15	XDT_m1210716-083	Water	07/16/21 19:33
ZZZZZ	21F0130-15	XDT_m1210716-083	Water	07/16/21 19:33
ZZZZZ	21F0130-15	XDT_m1210716-083	Water	07/16/21 19:33
ZZZZZ	21F0130-15	XDT_m1210716-083	Water	07/16/21 19:33
ZZZZZ	21F0130-15	XDT_m1210716-083	Water	07/16/21 19:33
ZZZZZ	21F0130-16	XDT_m1210716-084	Water	07/16/21 19:37
ZZZZZ	21F0130-16	XDT_m1210716-084	Water	07/16/21 19:37
ZZZZZ	21F0130-16	XDT_m1210716-084	Water	07/16/21 19:37
ZZZZZ	21F0130-16	XDT_m1210716-084	Water	07/16/21 19:37
ZZZZZ	21F0130-16	XDT_m1210716-084	Water	07/16/21 19:37
ZZZZZ	21F0130-16	XDT_m1210716-084	Water	07/16/21 19:37
ZZZZZ	21F0130-18	XDT_m1210716-085	Water	07/16/21 19:42
ZZZZZ	21F0130-18	XDT_m1210716-085	Water	07/16/21 19:42
ZZZZZ	21F0130-18	XDT_m1210716-085	Water	07/16/21 19:42
ZZZZZ	21F0130-18	XDT_m1210716-085	Water	07/16/21 19:42
ZZZZZ	21F0130-18	XDT_m1210716-085	Water	07/16/21 19:42
ZZZZZ	21F0130-18	XDT_m1210716-085	Water	07/16/21 19:42

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Instrument Blank	SJG0240-IBL7	XDT_m1210716-086	NA	07/16/21 19:49
Calibration Check	SJG0240-CCV8	XDT_m1210716-087	NA	07/16/21 19:52
Calibration Blank	SJG0240-CCB8	XDT_m1210716-088	NA	07/16/21 19:58
ZZZZZ	21F0130-19	XDT_m1210716-089	Water	07/16/21 20:02
ZZZZZ	21F0130-19	XDT_m1210716-089	Water	07/16/21 20:02
ZZZZZ	21F0130-19	XDT_m1210716-089	Water	07/16/21 20:02
ZZZZZ	21F0130-19	XDT_m1210716-089	Water	07/16/21 20:02
ZZZZZ	21F0130-19	XDT_m1210716-089	Water	07/16/21 20:02
ZZZZZ	21F0130-19	XDT_m1210716-089	Water	07/16/21 20:02
ZZZZZ	21F0130-22	XDT_m1210716-090	Water	07/16/21 20:05
ZZZZZ	21F0130-22	XDT_m1210716-090	Water	07/16/21 20:05
ZZZZZ	21F0130-22	XDT_m1210716-090	Water	07/16/21 20:05
ZZZZZ	21F0130-22	XDT_m1210716-090	Water	07/16/21 20:05
ZZZZZ	21F0130-22	XDT_m1210716-090	Water	07/16/21 20:05
ZZZZZ	21F0130-22	XDT_m1210716-090	Water	07/16/21 20:05
ZZZZZ	21F0130-24	XDT_m1210716-091	Water	07/16/21 20:08
ZZZZZ	21F0130-24	XDT_m1210716-091	Water	07/16/21 20:08
ZZZZZ	21F0130-24	XDT_m1210716-091	Water	07/16/21 20:08
ZZZZZ	21F0130-24	XDT_m1210716-091	Water	07/16/21 20:08
ZZZZZ	21F0130-24	XDT_m1210716-091	Water	07/16/21 20:08
ZZZZZ	21F0130-24	XDT_m1210716-091	Water	07/16/21 20:08
ZZZZZ	21F0130-26	XDT_m1210716-092	Water	07/16/21 20:12
ZZZZZ	21F0130-26	XDT_m1210716-092	Water	07/16/21 20:12
ZZZZZ	21F0130-26	XDT_m1210716-092	Water	07/16/21 20:12
ZZZZZ	21F0130-26	XDT_m1210716-092	Water	07/16/21 20:12
ZZZZZ	21F0130-26	XDT_m1210716-092	Water	07/16/21 20:12
ZZZZZ	21F0130-26	XDT_m1210716-092	Water	07/16/21 20:12
ZZZZZ	21F0130-29	XDT_m1210716-093	Water	07/16/21 20:15
ZZZZZ	21F0130-29	XDT_m1210716-093	Water	07/16/21 20:15
ZZZZZ	21F0130-29	XDT_m1210716-093	Water	07/16/21 20:15

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-29	XDT_m1210716-093	Water	07/16/21 20:15
ZZZZZ	21F0130-29	XDT_m1210716-093	Water	07/16/21 20:15
ZZZZZ	21F0130-29	XDT_m1210716-093	Water	07/16/21 20:15
ZZZZZ	21F0130-30	XDT_m1210716-094	Water	07/16/21 20:18
ZZZZZ	21F0130-30	XDT_m1210716-094	Water	07/16/21 20:18
ZZZZZ	21F0130-30	XDT_m1210716-094	Water	07/16/21 20:18
ZZZZZ	21F0130-30	XDT_m1210716-094	Water	07/16/21 20:18
ZZZZZ	21F0130-30	XDT_m1210716-094	Water	07/16/21 20:18
ZZZZZ	21F0130-30	XDT_m1210716-094	Water	07/16/21 20:18
ZZZZZ	21F0130-33	XDT_m1210716-095	Water	07/16/21 20:22
ZZZZZ	21F0130-33	XDT_m1210716-095	Water	07/16/21 20:22
ZZZZZ	21F0130-33	XDT_m1210716-095	Water	07/16/21 20:22
ZZZZZ	21F0130-33	XDT_m1210716-095	Water	07/16/21 20:22
ZZZZZ	21F0130-33	XDT_m1210716-095	Water	07/16/21 20:22
ZZZZZ	21F0130-34	XDT_m1210716-096	Water	07/16/21 20:26
ZZZZZ	21F0130-34	XDT_m1210716-096	Water	07/16/21 20:26
ZZZZZ	21F0130-34	XDT_m1210716-096	Water	07/16/21 20:26
ZZZZZ	21F0130-34	XDT_m1210716-096	Water	07/16/21 20:26
ZZZZZ	21F0130-34	XDT_m1210716-096	Water	07/16/21 20:26
ZZZZZ	21F0130-34	XDT_m1210716-096	Water	07/16/21 20:26
ZZZZZ	21F0130-36	XDT_m1210716-097	Water	07/16/21 20:30
ZZZZZ	21F0130-36	XDT_m1210716-097	Water	07/16/21 20:30
ZZZZZ	21F0130-36	XDT_m1210716-097	Water	07/16/21 20:30
ZZZZZ	21F0130-36	XDT_m1210716-097	Water	07/16/21 20:30
ZZZZZ	21F0130-36	XDT_m1210716-097	Water	07/16/21 20:30
ZZZZZ	21F0130-36	XDT_m1210716-097	Water	07/16/21 20:30
Instrument Blank	SJG0240-IBL8	XDT_m1210716-098	NA	07/16/21 20:37
Calibration Check	SJG0240-CCV9	XDT_m1210716-099	NA	07/16/21 20:41
Calibration Blank	SJG0240-CCB9	XDT_m1210716-100	NA	07/16/21 20:47
Calibration Check	SJG0240-CCVA	XDT_m1210716-102	NA	07/16/21 20:54

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJG0240-CCBA	XDT_m1210716-103	NA	07/16/21 21:00
ZZZZZ	21F0130-38	XDT_m1210716-104	Water	07/16/21 21:03
ZZZZZ	21F0130-38	XDT_m1210716-104	Water	07/16/21 21:03
ZZZZZ	21F0130-38	XDT_m1210716-104	Water	07/16/21 21:03
ZZZZZ	21F0130-38	XDT_m1210716-104	Water	07/16/21 21:03
ZZZZZ	21F0130-38	XDT_m1210716-104	Water	07/16/21 21:03
ZZZZZ	21F0130-38	XDT_m1210716-104	Water	07/16/21 21:03
ZZZZZ	21F0130-45	XDT_m1210716-105	Water	07/16/21 21:06
ZZZZZ	21F0130-45	XDT_m1210716-105	Water	07/16/21 21:06
ZZZZZ	21F0130-45	XDT_m1210716-105	Water	07/16/21 21:06
ZZZZZ	21F0130-45	XDT_m1210716-105	Water	07/16/21 21:06
ZZZZZ	21F0130-45	XDT_m1210716-105	Water	07/16/21 21:06
ZZZZZ	21F0130-47	XDT_m1210716-106	Water	07/16/21 21:10
ZZZZZ	21F0130-47	XDT_m1210716-106	Water	07/16/21 21:10
ZZZZZ	21F0130-47	XDT_m1210716-106	Water	07/16/21 21:10
ZZZZZ	21F0130-47	XDT_m1210716-106	Water	07/16/21 21:10
ZZZZZ	21F0130-47	XDT_m1210716-106	Water	07/16/21 21:10
ZZZZZ	21F0130-47	XDT_m1210716-106	Water	07/16/21 21:10
ZZZZZ	21F0130-48	XDT_m1210716-107	Water	07/16/21 21:13
ZZZZZ	21F0130-48	XDT_m1210716-107	Water	07/16/21 21:13
ZZZZZ	21F0130-48	XDT_m1210716-107	Water	07/16/21 21:13
ZZZZZ	21F0130-48	XDT_m1210716-107	Water	07/16/21 21:13
ZZZZZ	21F0130-48	XDT_m1210716-107	Water	07/16/21 21:13
ZZZZZ	21F0130-48	XDT_m1210716-107	Water	07/16/21 21:13
ZZZZZ	21F0130-49	XDT_m1210716-108	Water	07/16/21 21:16
ZZZZZ	21F0130-49	XDT_m1210716-108	Water	07/16/21 21:16
ZZZZZ	21F0130-49	XDT_m1210716-108	Water	07/16/21 21:16
ZZZZZ	21F0130-49	XDT_m1210716-108	Water	07/16/21 21:16
ZZZZZ	21F0130-49	XDT_m1210716-108	Water	07/16/21 21:16
ZZZZZ	21F0130-49	XDT_m1210716-108	Water	07/16/21 21:16

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-51	XDT_m1210716-109	Water	07/16/21 21:20
ZZZZZ	21F0130-51	XDT_m1210716-109	Water	07/16/21 21:20
ZZZZZ	21F0130-51	XDT_m1210716-109	Water	07/16/21 21:20
ZZZZZ	21F0130-51	XDT_m1210716-109	Water	07/16/21 21:20
ZZZZZ	21F0130-51	XDT_m1210716-109	Water	07/16/21 21:20
ZZZZZ	21F0130-51	XDT_m1210716-109	Water	07/16/21 21:20
ZZZZZ	21F0130-53	XDT_m1210716-110	Water	07/16/21 21:23
ZZZZZ	21F0130-53	XDT_m1210716-110	Water	07/16/21 21:23
ZZZZZ	21F0130-53	XDT_m1210716-110	Water	07/16/21 21:23
ZZZZZ	21F0130-53	XDT_m1210716-110	Water	07/16/21 21:23
ZZZZZ	21F0130-53	XDT_m1210716-110	Water	07/16/21 21:23
ZZZZZ	21F0130-53	XDT_m1210716-110	Water	07/16/21 21:23
ZZZZZ	21F0130-55	XDT_m1210716-111	Water	07/16/21 21:27
ZZZZZ	21F0130-55	XDT_m1210716-111	Water	07/16/21 21:27
ZZZZZ	21F0130-55	XDT_m1210716-111	Water	07/16/21 21:27
ZZZZZ	21F0130-55	XDT_m1210716-111	Water	07/16/21 21:27
ZZZZZ	21F0130-55	XDT_m1210716-111	Water	07/16/21 21:27
ZZZZZ	21F0130-55	XDT_m1210716-111	Water	07/16/21 21:27
ZZZZZ	21F0130-57	XDT_m1210716-112	Water	07/16/21 21:32
ZZZZZ	21F0130-57	XDT_m1210716-112	Water	07/16/21 21:32
ZZZZZ	21F0130-57	XDT_m1210716-112	Water	07/16/21 21:32
ZZZZZ	21F0130-57	XDT_m1210716-112	Water	07/16/21 21:32
ZZZZZ	21F0130-57	XDT_m1210716-112	Water	07/16/21 21:32
ZZZZZ	21F0130-57	XDT_m1210716-112	Water	07/16/21 21:32
Instrument Blank	SJG0240-IBL9	XDT_m1210716-113	NA	07/16/21 21:39
Calibration Check	SJG0240-CCVB	XDT_m1210716-114	NA	07/16/21 21:42
Calibration Blank	SJG0240-CCBB	XDT_m1210716-115	NA	07/16/21 21:48
ZZZZZ	21F0196-24	XDT_m1210716-120	Water	07/16/21 22:05
ZZZZZ	21F0196-24	XDT_m1210716-120	Water	07/16/21 22:05
ZZZZZ	21F0196-24	XDT_m1210716-120	Water	07/16/21 22:05

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0196-24	XDT_m1210716-120	Water	07/16/21 22:05
ZZZZZ	21F0196-24	XDT_m1210716-120	Water	07/16/21 22:05
ZZZZZ	21F0196-24	XDT_m1210716-120	Water	07/16/21 22:05
ZZZZZ	21F0196-24	XDT_m1210716-120	Water	07/16/21 22:05
ZZZZZ	21F0196-30	XDT_m1210716-121	Water	07/16/21 22:08
ZZZZZ	21F0196-30	XDT_m1210716-121	Water	07/16/21 22:08
ZZZZZ	21F0196-30	XDT_m1210716-121	Water	07/16/21 22:08
ZZZZZ	21F0196-30	XDT_m1210716-121	Water	07/16/21 22:08
ZZZZZ	21F0196-30	XDT_m1210716-121	Water	07/16/21 22:08
ZZZZZ	21F0196-30	XDT_m1210716-121	Water	07/16/21 22:08
ZZZZZ	21F0196-30	XDT_m1210716-121	Water	07/16/21 22:08
ZZZZZ	21F0196-07	XDT_m1210716-122	Water	07/16/21 22:12
ZZZZZ	21F0196-07	XDT_m1210716-122	Water	07/16/21 22:12
ZZZZZ	21F0196-07	XDT_m1210716-122	Water	07/16/21 22:12
ZZZZZ	21F0196-07	XDT_m1210716-122	Water	07/16/21 22:12
ZZZZZ	21F0196-07	XDT_m1210716-122	Water	07/16/21 22:12
ZZZZZ	21F0196-07	XDT_m1210716-122	Water	07/16/21 22:12
ZZZZZ	21F0130-58	XDT_m1210716-123	Water	07/16/21 22:15
ZZZZZ	21F0130-58	XDT_m1210716-123	Water	07/16/21 22:15
ZZZZZ	21F0130-58	XDT_m1210716-123	Water	07/16/21 22:15
ZZZZZ	21F0130-58	XDT_m1210716-123	Water	07/16/21 22:15
ZZZZZ	21F0130-58	XDT_m1210716-123	Water	07/16/21 22:15
ZZZZZ	21F0130-58	XDT_m1210716-123	Water	07/16/21 22:15
ZZZZZ	21F0130-59	XDT_m1210716-124	Water	07/16/21 22:20
ZZZZZ	21F0130-59	XDT_m1210716-124	Water	07/16/21 22:20
ZZZZZ	21F0130-59	XDT_m1210716-124	Water	07/16/21 22:20
ZZZZZ	21F0130-59	XDT_m1210716-124	Water	07/16/21 22:20
ZZZZZ	21F0130-59	XDT_m1210716-124	Water	07/16/21 22:20
ZZZZZ	21F0130-59	XDT_m1210716-124	Water	07/16/21 22:20
Instrument Blank	SJG0240-IBLA	XDT_m1210716-125	NA	07/16/21 22:27

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0240
Instrument: ICPMS1
Calibration: EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJG0240-CCVC	XDT_m1210716-126	NA	07/16/21 22:31
Calibration Blank	SJG0240-CCBC	XDT_m1210716-127	NA	07/16/21 22:37
ZZZZZ	21F0196-06	XDT_m1210716-130	Water	07/16/21 22:47
ZZZZZ	21F0196-06	XDT_m1210716-130	Water	07/16/21 22:47
ZZZZZ	21F0196-06	XDT_m1210716-130	Water	07/16/21 22:47
ZZZZZ	21F0196-06	XDT_m1210716-130	Water	07/16/21 22:47
ZZZZZ	21F0196-06	XDT_m1210716-130	Water	07/16/21 22:47
ZZZZZ	21F0196-06	XDT_m1210716-130	Water	07/16/21 22:47
ZZZZZ	21F0196-15	XDT_m1210716-131	Water	07/16/21 22:50
ZZZZZ	21F0196-15	XDT_m1210716-131	Water	07/16/21 22:50
ZZZZZ	21F0196-15	XDT_m1210716-131	Water	07/16/21 22:50
ZZZZZ	21F0196-15	XDT_m1210716-131	Water	07/16/21 22:50
ZZZZZ	21F0196-15	XDT_m1210716-131	Water	07/16/21 22:50
ZZZZZ	21F0196-15	XDT_m1210716-131	Water	07/16/21 22:50
ZZZZZ	21F0196-18	XDT_m1210716-132	Water	07/16/21 22:53
ZZZZZ	21F0196-18	XDT_m1210716-132	Water	07/16/21 22:53
ZZZZZ	21F0196-18	XDT_m1210716-132	Water	07/16/21 22:53
ZZZZZ	21F0196-18	XDT_m1210716-132	Water	07/16/21 22:53
ZZZZZ	21F0196-18	XDT_m1210716-132	Water	07/16/21 22:53
ZZZZZ	21F0196-18	XDT_m1210716-132	Water	07/16/21 22:53
ZZZZZ	21F0196-43	XDT_m1210716-133	Water	07/16/21 22:57
ZZZZZ	21F0196-43	XDT_m1210716-133	Water	07/16/21 22:57
ZZZZZ	21F0196-43	XDT_m1210716-133	Water	07/16/21 22:57
ZZZZZ	21F0196-43	XDT_m1210716-133	Water	07/16/21 22:57
ZZZZZ	21F0196-43	XDT_m1210716-133	Water	07/16/21 22:57
Instrument Blank	SJG0240-IBLB	XDT_m1210716-137	NA	07/16/21 23:19
Calibration Check	SJG0240-CCVD	XDT_m1210716-138	NA	07/16/21 23:23
Calibration Blank	SJG0240-CCBD	XDT_m1210716-139	NA	07/16/21 23:29
Instrument Blank	SJG0240-IBLC	XDT_m1210716-144	NA	07/16/21 23:46
Calibration Check	SJG0240-CCVE	XDT_m1210716-145	NA	07/16/21 23:49

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJG0240	Instrument:	ICPMS1
		Calibration:	EG00053

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJG0240-CCBE	XDT_m1210716-146	NA	07/16/21 23:55

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJG0243-CAL1	XDT_m1210719-012	NA	07/19/21 15:19
CAL 1 - LOW CHECK	SJG0243-CAL2	XDT_m1210719-013	NA	07/19/21 15:24
CAL 2	SJG0243-CAL3	XDT_m1210719-014	NA	07/19/21 15:28
CAL 3	SJG0243-CAL4	XDT_m1210719-015	NA	07/19/21 15:32
CAL 4	SJG0243-CAL5	XDT_m1210719-016	NA	07/19/21 15:37
CAL 5	SJG0243-CAL6	XDT_m1210719-017	NA	07/19/21 15:44
RINSE	SJG0243-IBL1	XDT_m1210719-018	NA	07/19/21 15:51
Initial Cal Check	SJG0243-ICV1	XDT_m1210719-020	NA	07/19/21 16:00
Initial Cal Blank	SJG0243-ICB1	XDT_m1210719-022	NA	07/19/21 16:12
Calibration Check	SJG0243-CCV1	XDT_m1210719-023	NA	07/19/21 16:19
Calibration Blank	SJG0243-CCB1	XDT_m1210719-024	NA	07/19/21 16:26
Instrument RL Check	SJG0243-CRL1	XDT_m1210719-025	NA	07/19/21 16:31
Interference Check A	SJG0243-IFA1	XDT_m1210719-026	NA	07/19/21 16:37
Interference Check B	SJG0243-IFB1	XDT_m1210719-027	NA	07/19/21 16:41
LR200	SJG0243-HCV1	XDT_m1210719-028	NA	07/19/21 16:47
LR300	SJG0243-HCV2	XDT_m1210719-029	NA	07/19/21 16:51
Instrument Blank	SJG0243-IBL2	XDT_m1210719-031	NA	07/19/21 17:08
Instrument Blank	SJG0243-IBL3	XDT_m1210719-032	NA	07/19/21 17:14
Calibration Check	SJG0243-CCV2	XDT_m1210719-033	NA	07/19/21 17:20
Calibration Blank	SJG0243-CCB2	XDT_m1210719-034	NA	07/19/21 17:27
Instrument Blank	SJG0243-IBL4	XDT_m1210719-044	NA	07/19/21 18:27
Calibration Check	SJG0243-CCV3	XDT_m1210719-045	NA	07/19/21 18:31
Calibration Blank	SJG0243-CCB3	XDT_m1210719-046	NA	07/19/21 18:39
ZZZZZ	21F0430-10	XDT_m1210719-051	Solid	07/19/21 19:12
ZZZZZ	21F0430-10	XDT_m1210719-051	Solid	07/19/21 19:12
ZZZZZ	21F0430-09	XDT_m1210719-052	Solid	07/19/21 19:16
ZZZZZ	21F0430-09	XDT_m1210719-052	Solid	07/19/21 19:16
ZZZZZ	21F0430-08	XDT_m1210719-053	Solid	07/19/21 19:20
ZZZZZ	21F0430-08	XDT_m1210719-053	Solid	07/19/21 19:20
Calibration Check	SJG0243-CCV4	XDT_m1210719-057	NA	07/19/21 19:41

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJG0243-CCB4	XDT_m1210719-058	NA	07/19/21 19:48
ZZZZZ	21F0430-11	XDT_m1210719-065	Solid	07/19/21 20:27
ZZZZZ	21F0430-11	XDT_m1210719-065	Solid	07/19/21 20:27
Instrument Blank	SJG0243-IBL5	XDT_m1210719-068	NA	07/19/21 20:41
Calibration Check	SJG0243-CCV5	XDT_m1210719-069	NA	07/19/21 20:46
Calibration Blank	SJG0243-CCB5	XDT_m1210719-070	NA	07/19/21 20:53
Instrument Blank	SJG0243-IBL6	XDT_m1210719-080	NA	07/19/21 21:50
Calibration Check	SJG0243-CCV6	XDT_m1210719-081	NA	07/19/21 21:55
Calibration Blank	SJG0243-CCB6	XDT_m1210719-082	NA	07/19/21 22:02
Calibration Check	SJG0243-CCV7	XDT_m1210719-084	NA	07/19/21 22:11
Calibration Blank	SJG0243-CCB7	XDT_m1210719-085	NA	07/19/21 22:18
ZZZZZ	21G0083-01	XDT_m1210719-089	Water	07/19/21 22:38
ZZZZZ	21G0083-04	XDT_m1210719-090	Water	07/19/21 22:43
ZZZZZ	21G0083-08	XDT_m1210719-091	Water	07/19/21 22:48
ZZZZZ	21G0083-11	XDT_m1210719-092	Water	07/19/21 22:52
ZZZZZ	21G0083-12	XDT_m1210719-093	Water	07/19/21 22:57
Instrument Blank	SJG0243-IBL7	XDT_m1210719-095	NA	07/19/21 23:10
Calibration Check	SJG0243-CCV8	XDT_m1210719-096	NA	07/19/21 23:15
Calibration Blank	SJG0243-CCB8	XDT_m1210719-097	NA	07/19/21 23:22
ZZZZZ	21G0121-12	XDT_m1210719-103	Water	07/19/21 23:50
Instrument Blank	SJG0243-IBL8	XDT_m1210719-107	NA	07/20/21 00:11
Calibration Check	SJG0243-CCV9	XDT_m1210719-108	NA	07/20/21 00:15
Calibration Blank	SJG0243-CCB9	XDT_m1210719-109	NA	07/20/21 00:21
ZZZZZ	21F0196-24	XDT_m1210719-110	Water	07/20/21 00:25
ZZZZZ	21F0196-30	XDT_m1210719-111	Water	07/20/21 00:28
ZZZZZ	21F0196-43	XDT_m1210719-112	Water	07/20/21 00:32
ZZZZZ	21F0196-01	XDT_m1210719-113	Water	07/20/21 00:35
ZZZZZ	21F0196-01	XDT_m1210719-113	Water	07/20/21 00:35
ZZZZZ	21F0196-02	XDT_m1210719-114	Water	07/20/21 00:39
ZZZZZ	21F0196-02	XDT_m1210719-114	Water	07/20/21 00:39

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0196-03	XDT_m1210719-115	Water	07/20/21 00:43
ZZZZZ	21F0196-03	XDT_m1210719-115	Water	07/20/21 00:43
Instrument Blank	SJG0243-IBL9	XDT_m1210719-119	NA	07/20/21 01:04
Calibration Check	SJG0243-CCVA	XDT_m1210719-120	NA	07/20/21 01:08
Calibration Blank	SJG0243-CCBA	XDT_m1210719-121	NA	07/20/21 01:14
ZZZZZ	21F0196-04	XDT_m1210719-122	Water	07/20/21 01:18
ZZZZZ	21F0196-05	XDT_m1210719-123	Water	07/20/21 01:21
ZZZZZ	21F0196-08	XDT_m1210719-124	Water	07/20/21 01:25
ZZZZZ	21F0196-10	XDT_m1210719-125	Water	07/20/21 01:28
ZZZZZ	21F0196-11	XDT_m1210719-126	Water	07/20/21 01:32
ZZZZZ	21F0196-09	XDT_m1210719-127	Water	07/20/21 01:35
Instrument Blank	SJG0243-IBLA	XDT_m1210719-131	NA	07/20/21 01:55
Calibration Check	SJG0243-CCVB	XDT_m1210719-132	NA	07/20/21 01:59
Calibration Blank	SJG0243-CCBB	XDT_m1210719-133	NA	07/20/21 02:06
Calibration Check	SJG0243-CCVC	XDT_m1210719-135	NA	07/20/21 02:13
Calibration Blank	SJG0243-CCBC	XDT_m1210719-136	NA	07/20/21 02:19
ZZZZZ	21F0196-12	XDT_m1210719-137	Water	07/20/21 02:23
ZZZZZ	21F0196-13	XDT_m1210719-138	Water	07/20/21 02:26
ZZZZZ	21F0196-14	XDT_m1210719-139	Water	07/20/21 02:30
ZZZZZ	21F0196-16	XDT_m1210719-140	Water	07/20/21 02:33
ZZZZZ	21F0196-17	XDT_m1210719-141	Water	07/20/21 02:37
ZZZZZ	21F0196-19	XDT_m1210719-142	Water	07/20/21 02:40
Instrument Blank	SJG0243-IBLB	XDT_m1210719-146	NA	07/20/21 03:00
Calibration Check	SJG0243-CCVD	XDT_m1210719-147	NA	07/20/21 03:04
Calibration Blank	SJG0243-CCBD	XDT_m1210719-148	NA	07/20/21 03:11
ZZZZZ	21F0196-21	XDT_m1210719-149	Water	07/20/21 03:14
ZZZZZ	21F0196-23	XDT_m1210719-150	Water	07/20/21 03:18
ZZZZZ	21F0196-25	XDT_m1210719-151	Water	07/20/21 03:21
ZZZZZ	21F0196-26	XDT_m1210719-152	Water	07/20/21 03:25
ZZZZZ	21F0196-27	XDT_m1210719-153	Water	07/20/21 03:28

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0196-22	XDT_m1210719-154	Water	07/20/21 03:32
Instrument Blank	SJG0243-IBLC	XDT_m1210719-158	NA	07/20/21 03:52
Calibration Check	SJG0243-CCVE	XDT_m1210719-159	NA	07/20/21 03:56
Calibration Blank	SJG0243-CCBE	XDT_m1210719-160	NA	07/20/21 04:02
ZZZZZ	21F0196-28	XDT_m1210719-161	Water	07/20/21 04:06
ZZZZZ	21F0196-29	XDT_m1210719-162	Water	07/20/21 04:09
ZZZZZ	21F0196-31	XDT_m1210719-163	Water	07/20/21 04:13
ZZZZZ	21F0196-32	XDT_m1210719-164	Water	07/20/21 04:17
ZZZZZ	21F0196-33	XDT_m1210719-165	Water	07/20/21 04:20
ZZZZZ	21F0196-34	XDT_m1210719-166	Water	07/20/21 04:24
ZZZZZ	21F0196-35	XDT_m1210719-167	Water	07/20/21 04:28
ZZZZZ	21F0196-36	XDT_m1210719-168	Water	07/20/21 04:32
ZZZZZ	21F0196-37	XDT_m1210719-169	Water	07/20/21 04:37
Instrument Blank	SJG0243-IBLD	XDT_m1210719-170	NA	07/20/21 04:44
Calibration Check	SJG0243-CCVF	XDT_m1210719-171	NA	07/20/21 04:48
Calibration Blank	SJG0243-CCBF	XDT_m1210719-172	NA	07/20/21 04:54
ZZZZZ	21F0196-38	XDT_m1210719-173	Water	07/20/21 04:57
ZZZZZ	21F0196-39	XDT_m1210719-174	Water	07/20/21 05:01
ZZZZZ	21F0196-40	XDT_m1210719-175	Water	07/20/21 05:05
ZZZZZ	21F0196-41	XDT_m1210719-176	Water	07/20/21 05:08
ZZZZZ	21F0196-42	XDT_m1210719-177	Water	07/20/21 05:12
ZZZZZ	21F0196-44	XDT_m1210719-178	Water	07/20/21 05:16
ZZZZZ	21F0196-45	XDT_m1210719-179	Water	07/20/21 05:21
Instrument Blank	SJG0243-IBLE	XDT_m1210719-180	NA	07/20/21 05:28
Calibration Check	SJG0243-CCVG	XDT_m1210719-181	NA	07/20/21 05:32
Calibration Blank	SJG0243-CCBG	XDT_m1210719-182	NA	07/20/21 05:38

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EF00068

Sequence: SJF0318
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0318-IFA1	Iron-54 (dissolved)	20000	20251.41	101	ug/L
	Iron-57 (dissolved)	20000	21143.51	106	ug/L
	Lead-208 (dissolved)	0	0.0000		ug/L
	Manganese-55 (dissolved)	0	0.0640		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EF00068

Sequence: SJF0318
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0318-IFB1	Iron-54 (dissolved)	20000	20416.43	102	ug/L
	Iron-57 (dissolved)	20000	21360.18	107	ug/L
	Lead-208 (dissolved)	0	0.0000		ug/L
	Manganese-55 (dissolved)	20.000	20.078	100	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EF00073

Sequence: SJF0364
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0364-IFA1	Aluminum-27	20000	18959.97	94.8	ug/L
	Aluminum-27 (dissolved)	20000	18959.97	94.8	ug/L
	Lead-208	0	0.0110		ug/L
	Lead-208 (dissolved)	0	0.0110		ug/L
	Manganese-55	0	0.0780		ug/L
	Manganese-55 (dissolved)	0	0.0780		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0364-IFB1	Aluminum-27	20000	18326.32	91.6	ug/L
	Aluminum-27 (dissolved)	20000	18326.32	91.6	ug/L
	Lead-208	0	0.0150		ug/L
	Lead-208 (dissolved)	0	0.0150		ug/L
	Manganese-55	20.000	19.018	95.1	ug/L
	Manganese-55 (dissolved)	20.000	19.018	95.1	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EF00076

Sequence: SJF0378
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0378-IFA1	Lead-208	0	0.0170		ug/L
	Manganese-55	0	0.0970		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0378-IFB1	Lead-208	0	0.0160		ug/L
	Manganese-55	20.000	20.098	100	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0401-IFA1	Aluminum-27 (dissolved)	20000	18957.21	94.8	ug/L
	Calcium-44	20000	19426.69	97.1	ug/L
	Calcium-44 (dissolved)	20000	19426.69	97.1	ug/L
	Iron-54	20000	19882.68	99.4	ug/L
	Iron-54 (dissolved)	20000	19882.68	99.4	ug/L
	Iron-57	20000	20921.10	105	ug/L
	Iron-57 (dissolved)	20000	20921.10	105	ug/L
	Lead-208	0	0.0190		ug/L
	Lead-208 (dissolved)	0	0.0190		ug/L
	Magnesium-24	20000	18546.17	92.7	ug/L
	Magnesium-24 (dissolved)	20000	18546.17	92.7	ug/L
	Manganese-55	0	0.1190		ug/L
	Manganese-55 (dissolved)	0	0.1190		ug/L
	Potassium-39	20000	17009.39	85.0	ug/L
	Potassium-39 (dissolved)	20000	17009.39	85.0	ug/L
	Sodium-23	20000	18790.41	94.0	ug/L
	Sodium-23 (dissolved)	20000	18790.41	94.0	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0401-IFB1	Aluminum-27 (dissolved)	20000	18208.74	91.0	ug/L
	Calcium-44	20000	18872.89	94.4	ug/L
	Calcium-44 (dissolved)	20000	18872.89	94.4	ug/L
	Iron-54	20000	19514.59	97.6	ug/L
	Iron-54 (dissolved)	20000	19514.59	97.6	ug/L
	Iron-57	20000	20653.23	103	ug/L
	Iron-57 (dissolved)	20000	20653.23	103	ug/L
	Lead-208	0	0.0190		ug/L
	Lead-208 (dissolved)	0	0.0190		ug/L
	Magnesium-24	20000	17956.58	89.8	ug/L
	Magnesium-24 (dissolved)	20000	17956.58	89.8	ug/L
	Manganese-55	20.000	19.759	98.8	ug/L
	Manganese-55 (dissolved)	20.000	19.759	98.8	ug/L
	Potassium-39	20000	16229.56	81.1	ug/L
	Potassium-39 (dissolved)	20000	16229.56	81.1	ug/L
	Sodium-23	20000	17971.77	89.9	ug/L
	Sodium-23 (dissolved)	20000	17971.77	89.9	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EF00082

Sequence: SJF0402
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0402-IFA1	Manganese-55	0	0.1800		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EF00082

Sequence: SJF0402
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0402-IFB1	Manganese-55	20.000	22.006	110	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0200-IFA1	Aluminum-27	20000	19358.48	96.8	ug/L
	Aluminum-27 (dissolved)	20000	19358.48	96.8	ug/L
	Calcium-44	20000	19440.69	97.2	ug/L
	Calcium-44 (dissolved)	20000	19440.69	97.2	ug/L
	Iron-54	20000	19400.10	97.0	ug/L
	Iron-54 (dissolved)	20000	19400.10	97.0	ug/L
	Iron-57	20000	19206.80	96.0	ug/L
	Iron-57 (dissolved)	20000	19206.80	96.0	ug/L
	Magnesium-24	20000	20205.03	101	ug/L
	Magnesium-24 (dissolved)	20000	20205.03	101	ug/L
	Manganese-55	0	0.0830		ug/L
	Manganese-55 (dissolved)	0	0.0830		ug/L
	Potassium-39	20000	20015.01	100	ug/L
	Potassium-39 (dissolved)	20000	20015.01	100	ug/L
	Sodium-23	20000	19961.65	99.8	ug/L
	Sodium-23 (dissolved)	20000	19961.65	99.8	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0200-IFB1	Aluminum-27	20000	19251.55	96.3	ug/L
	Aluminum-27 (dissolved)	20000	19251.55	96.3	ug/L
	Calcium-44	20000	19847.84	99.2	ug/L
	Calcium-44 (dissolved)	20000	19847.84	99.2	ug/L
	Iron-54	20000	19434.87	97.2	ug/L
	Iron-54 (dissolved)	20000	19434.87	97.2	ug/L
	Iron-57	20000	19333.76	96.7	ug/L
	Iron-57 (dissolved)	20000	19333.76	96.7	ug/L
	Magnesium-24	20000	20618.87	103	ug/L
	Magnesium-24 (dissolved)	20000	20618.87	103	ug/L
	Manganese-55	20.000	21.880	109	ug/L
	Manganese-55 (dissolved)	20.000	21.880	109	ug/L
	Potassium-39	20000	19807.04	99.0	ug/L
	Potassium-39 (dissolved)	20000	19807.04	99.0	ug/L
	Sodium-23	20000	19714.05	98.6	ug/L
	Sodium-23 (dissolved)	20000	19714.05	98.6	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EG00053

Sequence: SJG0240
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0240-IFA1	Calcium-44 (dissolved)	20000	20183.09	101	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EG00053
Sequence: SJG0240
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0240-IFB1	Calcium-44 (dissolved)	20000	20291.98	101	ug/L

* Indicates %R outside of QC limits
NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EG00056

Sequence: SJG0243
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0243-IFA1	Manganese-55 (dissolved)	0	0.0750		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EG00056

Sequence: SJG0243
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0243-IFB1	Manganese-55 (dissolved)	20.000	22.386	112	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Lab Sample ID: SJF0318-CRL1

Analyte	True	Found	%R	Units	QC Limts
Iron-54 (dissolved)	36.000	35.7	99.3	ug/L	50 - 150
Iron-57 (dissolved)	36.000	38.4	107	ug/L	50 - 150
Lead-208 (dissolved)	0.10000	0.0920	92.0	ug/L	50 - 150
Manganese-55 (dissolved)	0.50000	0.484	96.8	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Lab Sample ID: SJF0364-CRL1

Analyte	True	Found	%R	Units	QC Limts
Aluminum-27	20.000	19.1	95.5	ug/L	50 - 150
Aluminum-27 (dissolved)	20.000	19.1	95.5	ug/L	50 - 150
Lead-208	0.10000	0.100	100	ug/L	50 - 150
Lead-208 (dissolved)	0.10000	0.100	100	ug/L	50 - 150
Manganese-55	0.50000	0.465	93.0	ug/L	50 - 150
Manganese-55 (dissolved)	0.50000	0.465	93.0	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Lab Sample ID: SJF0378-CRL1

Analyte	True	Found	%R	Units	QC Limts
Lead-208	0.10000	0.103	103	ug/L	50 - 150
Manganese-55	0.50000	0.509	102	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Lab Sample ID: SJF0401-CRL1

Analyte	True	Found	%R	Units	QC Limts
Aluminum-27 (dissolved)	20.000	19.6	98.0	ug/L	50 - 150
Calcium-44	50.000	45.0	90.1	ug/L	50 - 150
Calcium-44 (dissolved)	50.000	45.0	90.1	ug/L	50 - 150
Iron-54	36.000	34.5	96.0	ug/L	50 - 150
Iron-54 (dissolved)	36.000	34.5	96.0	ug/L	50 - 150
Iron-57	36.000	31.3	86.8	ug/L	50 - 150
Iron-57 (dissolved)	36.000	31.3	86.8	ug/L	50 - 150
Lead-208	0.10000	0.107	107	ug/L	50 - 150
Lead-208 (dissolved)	0.10000	0.107	107	ug/L	50 - 150
Magnesium-24	20.000	19.6	98.1	ug/L	50 - 150
Magnesium-24 (dissolved)	20.000	19.6	98.1	ug/L	50 - 150
Manganese-55	0.50000	0.502	100	ug/L	50 - 150
Manganese-55 (dissolved)	0.50000	0.502	100	ug/L	50 - 150
Potassium-39	20.000	20.2	101	ug/L	50 - 150
Potassium-39 (dissolved)	20.000	20.2	101	ug/L	50 - 150
Sodium-23	100.00	96.7	96.7	ug/L	50 - 150
Sodium-23 (dissolved)	100.00	96.7	96.7	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EF00082
Sequence: SJF0402
Lab Sample ID: SJF0402-CRL1

Analyte	True	Found	%R	Units	QC Limts
Manganese-55	0.50000	0.545	109	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Lab Sample ID: SJG0200-CRL1

Analyte	True	Found	%R	Units	QC Limts
Aluminum-27	20.000	21.8	109	ug/L	50 - 150
Aluminum-27 (dissolved)	20.000	21.8	109	ug/L	50 - 150
Calcium-44	50.000	53.4	107	ug/L	50 - 150
Calcium-44 (dissolved)	50.000	53.4	107	ug/L	50 - 150
Iron-54	36.000	40.3	112	ug/L	50 - 150
Iron-54 (dissolved)	36.000	40.3	112	ug/L	50 - 150
Iron-57	36.000	33.7	93.5	ug/L	50 - 150
Iron-57 (dissolved)	36.000	33.7	93.5	ug/L	50 - 150
Magnesium-24	20.000	22.6	113	ug/L	50 - 150
Magnesium-24 (dissolved)	20.000	22.6	113	ug/L	50 - 150
Manganese-55	0.50000	0.546	109	ug/L	50 - 150
Manganese-55 (dissolved)	0.50000	0.546	109	ug/L	50 - 150
Potassium-39	20.000	22.5	113	ug/L	50 - 150
Potassium-39 (dissolved)	20.000	22.5	113	ug/L	50 - 150
Sodium-23	100.00	98.9	98.9	ug/L	50 - 150
Sodium-23 (dissolved)	100.00	98.9	98.9	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedi
Instrument ID: ICPMS1
Calibration: EG00053
Sequence: SJG0240
Lab Sample ID: SJG0240-CRL1

Analyte	True	Found	%R	Units	QC Limts
Calcium-44 (dissolved)	50.000	52.0	104	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EG00056
Sequence: SJG0243
Lab Sample ID: SJG0243-CRL1

Analyte	True	Found	%R	Units	QC Limts
Manganese-55 (dissolved)	0.50000	0.557	111	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00068
Laboratory ID: SJF0318-HCV1
Sequence: SJF0318
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Iron-54 (dissolved)	20000	20100	0.6	10.00
Iron-57 (dissolved)	20000	20700	3.7	10.00
Lead-208 (dissolved)	200.00	192	-4.0	10.00
Manganese-55 (dissolved)	200.00	196	-2.0	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00068
Laboratory ID: SJF0318-HCV2
Sequence: SJF0318
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Iron-54 (dissolved)	30000	30500	1.8	10.00
Iron-57 (dissolved)	30000	31800	6.0	10.00
Lead-208 (dissolved)	300.00	291	-3.0	10.00
Manganese-55 (dissolved)	300.00	299	-0.3	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00073
Laboratory ID: SJF0364-HCV1
Sequence: SJF0364
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Aluminum-27	20000	19300	-3.5	10.00
Aluminum-27 (dissolved)	20000	19300	-3.5	10.00
Lead-208	200.00	190	-5.1	10.00
Lead-208 (dissolved)	200.00	190	-5.1	10.00
Manganese-55	200.00	191	-4.4	10.00
Manganese-55 (dissolved)	200.00	191	-4.4	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00073
Laboratory ID: SJF0364-HCV2
Sequence: SJF0364
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Aluminum-27	30000	29400	-2.1	10.00
Aluminum-27 (dissolved)	30000	29400	-2.1	10.00
Lead-208	300.00	285	-4.9	10.00
Lead-208 (dissolved)	300.00	285	-4.9	10.00
Manganese-55	300.00	287	-4.5	10.00
Manganese-55 (dissolved)	300.00	287	-4.5	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00076
Laboratory ID: SJF0378-HCV1
Sequence: SJF0378
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Lead-208	200.00	193	-3.5	10.00
Manganese-55	200.00	202	1.2	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00076
Laboratory ID: SJF0378-HCV2
Sequence: SJF0378
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Lead-208	300.00	291	-3.0	10.00
Manganese-55	300.00	310	3.2	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00079
Laboratory ID: SJF0401-HCV1
Sequence: SJF0401
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Aluminum-27 (dissolved)	20000	18700	-6.7	10.00
Calcium-44	20000	19200	-3.9	10.00
Calcium-44 (dissolved)	20000	19200	-3.9	10.00
Iron-54	20000	19100	-4.4	10.00
Iron-54 (dissolved)	20000	19100	-4.4	10.00
Iron-57	20000	20100	0.5	10.00
Iron-57 (dissolved)	20000	20100	0.5	10.00
Lead-208	200.00	195	-2.3	10.00
Lead-208 (dissolved)	200.00	195	-2.3	10.00
Magnesium-24	20000	18200	-9.0	10.00
Magnesium-24 (dissolved)	20000	18200	-9.0	10.00
Manganese-55	200.00	187	-6.7	10.00
Manganese-55 (dissolved)	200.00	187	-6.7	10.00
Potassium-39	20000	18200	-8.8	10.00
Potassium-39 (dissolved)	20000	18200	-8.8	10.00
Sodium-23	20000	18300	-8.7	10.00
Sodium-23 (dissolved)	20000	18300	-8.7	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00079
Laboratory ID: SJF0401-HCV2
Sequence: SJF0401
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Aluminum-27 (dissolved)	30000	28600	-4.6	10.00
Calcium-44	30000	28800	-3.9	10.00
Calcium-44 (dissolved)	30000	28800	-3.9	10.00
Iron-54	30000	28600	-4.8	10.00
Iron-54 (dissolved)	30000	28600	-4.8	10.00
Iron-57	30000	29900	-0.2	10.00
Iron-57 (dissolved)	30000	29900	-0.2	10.00
Lead-208	300.00	293	-2.4	10.00
Lead-208 (dissolved)	300.00	293	-2.4	10.00
Magnesium-24	30000	27300	-8.9	10.00
Magnesium-24 (dissolved)	30000	27300	-8.9	10.00
Manganese-55	300.00	281	-6.3	10.00
Manganese-55 (dissolved)	300.00	281	-6.3	10.00
Potassium-39	30000	27700	-7.6	10.00
Potassium-39 (dissolved)	30000	27700	-7.6	10.00
Sodium-23	30000	28100	-6.3	10.00
Sodium-23 (dissolved)	30000	28100	-6.3	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00082
Laboratory ID: SJF0402-HCV1
Sequence: SJF0402
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese-55	200.00	192	-4.0	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00082
Laboratory ID: SJF0402-HCV2
Sequence: SJF0402
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese-55	300.00	286	-4.6	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00050
Laboratory ID: SJG0200-HCV1
Sequence: SJG0200
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Aluminum-27	20000	19300	-3.4	10.00
Aluminum-27 (dissolved)	20000	19300	-3.4	10.00
Calcium-44	20000	19600	-1.9	10.00
Calcium-44 (dissolved)	20000	19600	-1.9	10.00
Iron-54	20000	19500	-2.4	10.00
Iron-54 (dissolved)	20000	19500	-2.4	10.00
Iron-57	20000	19200	-4.1	10.00
Iron-57 (dissolved)	20000	19200	-4.1	10.00
Magnesium-24	20000	20200	1.2	10.00
Magnesium-24 (dissolved)	20000	20200	1.2	10.00
Manganese-55	200.00	192	-4.1	10.00
Manganese-55 (dissolved)	200.00	192	-4.1	10.00
Potassium-39	20000	19700	-1.3	10.00
Potassium-39 (dissolved)	20000	19700	-1.3	10.00
Sodium-23	20000	20100	0.4	10.00
Sodium-23 (dissolved)	20000	20100	0.4	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00050
Laboratory ID: SJG0200-HCV2
Sequence: SJG0200
Standard ID: J006918

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Aluminum-27	30000	28800	-4.1	10.00
Aluminum-27 (dissolved)	30000	28800	-4.1	10.00
Calcium-44	30000	28800	-4.0	10.00
Calcium-44 (dissolved)	30000	28800	-4.0	10.00
Iron-54	30000	28200	-6.2	10.00
Iron-54 (dissolved)	30000	28200	-6.2	10.00
Iron-57	30000	28300	-5.7	10.00
Iron-57 (dissolved)	30000	28300	-5.7	10.00
Magnesium-24	30000	29300	-2.3	10.00
Magnesium-24 (dissolved)	30000	29300	-2.3	10.00
Manganese-55	300.00	279	-7.1	10.00
Manganese-55 (dissolved)	300.00	279	-7.1	10.00
Potassium-39	30000	29700	-1.2	10.00
Potassium-39 (dissolved)	30000	29700	-1.2	10.00
Sodium-23	30000	29500	-1.7	10.00
Sodium-23 (dissolved)	30000	29500	-1.7	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00053
Laboratory ID: SJG0240-HCV1
Sequence: SJG0240
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Calcium-44 (dissolved)	20000	20000	-0.1	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00053
Laboratory ID: SJG0240-HCV2
Sequence: SJG0240
Standard ID: J006918

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Calcium-44 (dissolved)	30000	29500	-1.7	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00056
Laboratory ID: SJG0243-HCV1
Sequence: SJG0243
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese-55 (dissolved)	200.00	191	-4.4	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00056
Laboratory ID: SJG0243-HCV2
Sequence: SJG0243
Standard ID: J006918

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese-55 (dissolved)	300.00	284	-5.3	10.00

* Values outside of QC limits

HOLDING TIME SUMMARY

Analysis: EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/28/21 23:11	25	180	
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:43	22	180	
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 17:52	42	180	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 13:16	26	180	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:24	22	180	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 19:22	42	180	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 21:08	42	180	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:29	22	180	
NRC-3DR-GW-060321 21F0123-03RE1	06/03/21 14:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 20:13	42	180	
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:33	22	180	
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 21:13	42	180	
NRC-103DR-GW-060321 21F0123-04RE1	06/03/21 14:21	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 20:17	42	180	
NRC-103DR-GW-060321 21F0123-05	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 06:15	21	180	
NRC-103DR-GW-060321 21F0123-05	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/28/21 18:17	25	180	
NRC-103DR-GW-060321 21F0123-05	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	07/15/21 20:30	42	180	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:38	22	180	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 22:19	42	180	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:24	22	180	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 21:27	42	180	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 21:30	42	180	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:29	22	180	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 12:00	25	180	

HOLDING TIME SUMMARY

Analysis: EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:33	21	180	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 23:00	41	180	
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:38	21	180	
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 19:35	41	180	
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 12:04	25	180	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 18:28	41	180	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:42	21	180	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 12:13	25	180	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 13:20	25	180	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 19:25	41	180	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:47	21	180	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 12:08	25	180	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:52	21	180	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 19:38	41	180	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 18:31	41	180	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 12:17	25	180	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:57	21	180	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 06:03	21	180	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 13:33	25	180	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 18:35	41	180	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/24/21 13:55	19	180	07/15/21 19:28	41	180	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/24/21 13:55	19	180	06/25/21 06:28	21	180	

HOLDING TIME SUMMARY

Analysis: EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/24/21 13:55	19	180	06/29/21 13:24	25	180	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 06:33	21	180	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 20:20	41	180	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 18:45	41	180	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 12:20	25	180	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 01:33	21	180	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/24/21 13:55	19	180	07/15/21 17:49	41	180	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/24/21 13:55	19	180	06/25/21 02:14	20	180	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/24/21 13:55	19	180	06/28/21 18:12	24	180	
FieldBlank-1-GW-060421 21F0123-20	06/04/21 16:10	06/07/21 17:45	06/21/21 10:32	16	180	06/24/21 23:23	20	180	
FieldBlank-1-GW-060421 21F0123-20	06/04/21 16:10	06/07/21 17:45	06/21/21 10:32	16	180	07/15/21 21:34	41	180	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/24/21 13:55	19	180	06/25/21 06:38	21	180	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/24/21 13:55	19	180	07/15/21 21:05	41	180	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/24/21 13:55	19	180	06/29/21 13:01	25	180	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:18	20	180	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:03	41	180	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/24/21 13:46	19	180	06/28/21 23:53	24	180	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:23	20	180	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 13:05	25	180	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 20:24	41	180	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/24/21 13:46	19	180	06/30/21 02:19	25	180	
DS-12S-GW-060421 21F0123-23RE1	06/04/21 16:07	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 14:06	25	180	

HOLDING TIME SUMMARY

Analysis: EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 19:32	41	180	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:27	20	180	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 13:29	25	180	
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/24/21 13:46	19	180	06/28/21 23:58	24	180	
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 19:42	41	180	
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:32	20	180	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 18:38	41	180	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 13:58	25	180	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:36	20	180	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 18:41	41	180	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:41	20	180	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 14:02	25	180	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:46	20	180	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 19:45	41	180	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 00:03	24	180	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 00:08	24	180	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:52	21	180	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:07	41	180	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 23:10	41	180	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 03:17	21	180	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 00:12	24	180	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 00:17	24	180	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:13	41	180	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:21	21	180	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 03:26	21	180	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 00:22	24	180	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 19:50	41	180	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 00:28	24	180	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:17	41	180	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:30	20	180	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:35	20	180	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 20:27	40	180	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 12:57	24	180	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:40	20	180	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/24/21 13:46	19	180	06/29/21 00:34	24	180	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 23:21	41	180	
RC-6-SW-060521 21F0123-36	06/05/21 08:20	06/07/21 17:45	06/21/21 10:32	16	180	07/15/21 21:37	41	180	
RC-6-SW-060521 21F0123-36	06/05/21 08:20	06/07/21 17:45	06/21/21 10:32	16	180	06/24/21 23:28	20	180	
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 22:22	41	180	
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:44	20	180	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:49	20	180	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 22:25	41	180	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 22:28	40	180	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:55	20	180	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 04:20	20	180	
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 22:32	40	180	
RC-1-SW-060521 21F0123-41	06/05/21 11:50	06/07/21 17:45	06/21/21 10:32	15	180	07/15/21 22:36	40	180	
RC-1-SW-060521 21F0123-41	06/05/21 11:50	06/07/21 17:45	06/21/21 10:32	15	180	06/24/21 23:33	19	180	
NRC-3DR-GW-060321 21F0123-42	06/03/21 14:17	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 23:39	21	180	
NRC-3DR-GW-060321 21F0123-42	06/03/21 14:17	06/07/21 17:45	06/21/21 10:32	17	180	07/15/21 22:40	42	180	
NRC-3DR-GW-060321 21F0123-42	06/03/21 14:17	06/07/21 17:45	06/21/21 10:32	17	180	07/16/21 15:16	43	180	
Duplicate BJF0556-DUP1	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 06:20	21	180	
Duplicate BJF0556-DUP2	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/28/21 18:22	25	180	
Duplicate BJF0556-DUP3	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	07/15/21 20:34	42	180	
Matrix Spike BJF0556-MS1	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 06:25	21	180	
Matrix Spike BJF0556-MS2	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/28/21 18:27	25	180	
Matrix Spike BJF0556-MS3	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	07/15/21 20:37	42	180	
Matrix Spike Dup BJF0556-MSD1	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 06:31	21	180	
Matrix Spike Dup BJF0556-MSD2	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/28/21 18:32	25	180	
Matrix Spike Dup BJF0556-MSD3	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	07/15/21 20:42	42	180	
Duplicate BJF0654-DUP1	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 01:38	21	180	
Duplicate BJF0654-DUP2	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 12:24	25	180	
Duplicate BJF0654-DUP3	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 18:49	41	180	
Matrix Spike BJF0654-MS1	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 01:43	21	180	
Matrix Spike BJF0654-MS2	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 12:29	25	180	
Matrix Spike BJF0654-MS3	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 18:53	41	180	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: EPA 6020B

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
Matrix Spike Dup BJF0654-MSD1	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 01:49	21	180	
Matrix Spike Dup BJF0654-MSD2	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 12:34	25	180	
Matrix Spike Dup BJF0654-MSD3	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	07/15/21 18:57	41	180	
Duplicate BJF0655-DUP1	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:48	22	180	
Duplicate BJF0655-DUP2	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/28/21 23:16	25	180	
Duplicate BJF0655-DUP3	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 17:56	42	180	
Matrix Spike BJF0655-MS1	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:54	22	180	
Matrix Spike BJF0655-MS2	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/28/21 23:21	25	180	
Matrix Spike BJF0655-MS3	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 18:00	42	180	
Matrix Spike Dup BJF0655-MSD1	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:59	22	180	
Matrix Spike Dup BJF0655-MSD2	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/28/21 23:27	25	180	
Matrix Spike Dup BJF0655-MSD3	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	07/15/21 18:05	42	180	

* Indicates hold time exceedance.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

METHOD DETECTION AND REPORTING LIMITS

EPA 6020B

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Rem
Matrix: Water
Instrument: ICPMS1

Analyte	MDL	RL	Units
Aluminum-27	2.92	20.0	ug/L
Aluminum-27 (dissolved)	2.92	20.0	ug/L
Calcium-44	11.1	50.0	ug/L
Calcium-44 (dissolved)	11.1	50.0	ug/L
Iron-54	18.2	36.0	ug/L
Iron-54 (dissolved)	18.2	36.0	ug/L
Iron-57	6.63	36.0	ug/L
Iron-57 (dissolved)	6.63	20.0	ug/L
Lead-208	0.0513	0.100	ug/L
Lead-208 (dissolved)	0.0513	0.100	ug/L
Magnesium-24	2.22	20.0	ug/L
Magnesium-24 (dissolved)	2.22	20.0	ug/L
Manganese-55	0.142	0.500	ug/L
Manganese-55 (dissolved)	0.142	0.500	ug/L
Potassium-39	10.9	20.0	ug/L
Potassium-39 (dissolved)	10.9	20.0	ug/L
Sodium-23	16.4	100	ug/L
Sodium-23 (dissolved)	16.4	100	ug/L

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 L	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-166
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:43
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.261	1	0.173	0.500	J
7440-66-6	Zinc	10.3	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01RE1 L	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-199
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 06:23
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.317	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 F	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-162
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:24
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	2.29	1	0.0300	0.100	
7440-50-8	Copper	21.8	1	0.173	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 F	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-155
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:16
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-66-6	Zinc	323	5	14.6	30.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 F	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-163
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:29
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.526	1	0.173	0.500	
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03RE1 F	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-196
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 06:11
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.376	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 F	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-164
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:33
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.877	1	0.173	0.500	
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04RE1 F	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-197
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 06:15
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.345	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-05 A	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/21/21 10:32	File ID:	XDT_m1210623-170
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 06:15
Batch:	BJF0556	Sequence:	SJF0318	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00068

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper, Dissolved	0.205	1	0.173	0.500	J
7440-66-6	Zinc, Dissolved	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-05RE1 A	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/30/21 15:58	File ID:	XDT_m1210701-141
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/02/21 00:57
Batch:	BJF0795	Sequence:	SJG0042	Initial/Final:	100 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00011

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium, Dissolved	0.0908	1	0.00600	0.0200	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 F	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-165
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:38
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.233	1	0.173	0.500	J
7440-66-6	Zinc	10.4	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06RE1 F	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-198
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 06:19
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.313	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 F	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-173
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:24
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.305	1	0.0300	0.100	
7440-50-8	Copper	3.21	1	0.173	0.500	
7440-66-6	Zinc	61.9	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 F	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-174
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:29
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.410	1	0.0300	0.100	
7440-50-8	Copper	7.93	1	0.173	0.500	
7440-66-6	Zinc	54.5	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 F	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-175
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:33
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.411	1	0.0300	0.100	
7440-50-8	Copper	1.28	1	0.173	0.500	
7440-66-6	Zinc	47.0	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-176
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:38
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.404	1	0.173	0.500	J
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10RE1 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-205
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 06:55
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.0650	1	0.0300	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 F	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-177
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:42
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	20.3	1	0.0300	0.100	
7440-50-8	Copper	16.5	1	0.173	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 F	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-142
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:13
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-66-6	Zinc	2000	10	9.40	60.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 F	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-178
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:47
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.158	1	0.0300	0.100	
7440-50-8	Copper	0.755	1	0.173	0.500	
7440-66-6	Zinc	30.1	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 F	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-179
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:52
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.201	1	0.173	0.500	J
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13RE1 F	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-206
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 06:59
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.0470	1	0.0300	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 F	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-180
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 05:57
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	1.44	1	0.0300	0.100	
7440-50-8	Copper	11.2	1	0.173	0.500	
7440-66-6	Zinc	156	1	0.940	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 F	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-181
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 06:03
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	3.44	1	0.0300	0.100	
7440-50-8	Copper	107	1	0.173	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 F	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-159
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:33
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-66-6	Zinc	596	10	29.2	60.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 F	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-185
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 06:28
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	<0.500	1	0.173	0.500	U
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16RE1 F	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-207
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 07:03
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.184	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 F	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-163
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:54
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	7.10	10	0.300	1.00	D
7440-50-8	Copper	92.9	10	1.73	5.00	D
7440-66-6	Zinc	997	10	9.40	60.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 L	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-130
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 01:33
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	7.96	1	0.0300	0.100	
7440-50-8	Copper	113	1	0.173	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 L	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210628-144
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 12:20
Batch:	BJF0654	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-66-6	Zinc	1210	10	29.2	60.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 F	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-137
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:14
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	<0.500	1	0.173	0.500	U
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19RE1 F	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-208
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 07:07
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	<0.100	1	0.0300	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-20 A	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/21/21 10:32	File ID:	XDT_m1210624-106
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 23:23
Batch:	BJF0556	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper, Dissolved	0.420	1	0.173	0.500	J
7440-66-6	Zinc, Dissolved	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-20RE1 A	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/30/21 15:58	File ID:	XDT_m1210701-114
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/01/21 23:03
Batch:	BJF0795	Sequence:	SJG0042	Initial/Final:	100 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00011

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium, Dissolved	<0.0200	1	0.00600	0.0200	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 F	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/24/21 13:55	File ID:	XDT_m1210624-187
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 06:38
Batch:	BJF0655	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	2.51	1	0.0300	0.100	
7440-50-8	Copper	38.5	1	0.173	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 F	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/24/21 13:55	File ID:	XDT_m1210628-152
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/29/21 13:01
Batch:	BJF0655	Sequence:	SJF0401	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00079

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-66-6	Zinc	494	2	1.88	12.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 F	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-138
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:18
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.386	1	0.173	0.500	J
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22RE1 F	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-209
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 07:12
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.0900	1	0.0300	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 F	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-139
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:23
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	7.45	1	0.0300	0.100	
7440-50-8	Copper	35.7	1	0.173	0.500	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 F	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/24/21 13:46	File ID:	XDT_m1210715-080
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	07/15/21 20:24
Batch:	BJF0654	Sequence:	SJG0200	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EG00050

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-66-6	Zinc	555	5	4.70	30.0	D

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 F	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-140
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:27
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	2.26	1	0.0300	0.100	
7440-50-8	Copper	0.599	1	0.173	0.500	
7440-66-6	Zinc	17.1	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 F	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-141
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:32
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.682	1	0.0300	0.100	
7440-50-8	Copper	<0.500	1	0.173	0.500	U
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 F	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-142
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:36
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	2.21	1	0.0300	0.100	
7440-50-8	Copper	27.5	1	0.173	0.500	
7440-66-6	Zinc	193	1	0.940	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 F	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-143
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:41
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	2.72	1	0.0300	0.100	
7440-50-8	Copper	14.1	1	0.173	0.500	
7440-66-6	Zinc	217	1	0.940	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 F	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-144
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:46
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.178	1	0.0300	0.100	
7440-50-8	Copper	<0.500	1	0.173	0.500	U
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 F	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-145
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 02:52
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.276	1	0.173	0.500	J
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29RE1 F	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-210
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 07:16
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.0460	1	0.0300	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-149
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:17
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.377	1	0.173	0.500	J
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30RE1 F	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-211
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 07:20
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.0730	1	0.0300	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 F	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-150
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:21
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.224	1	0.173	0.500	J
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31RE1 F	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-212
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 07:24
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.146	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 F	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-151
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:26
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	<0.500	1	0.173	0.500	U
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32RE1 F	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-213
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 07:29
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.156	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 F	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-152
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:30
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.675	1	0.0300	0.100	
7440-50-8	Copper	15.6	1	0.173	0.500	
7440-66-6	Zinc	82.4	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 F	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-153
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:35
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.149	1	0.0300	0.100	
7440-50-8	Copper	0.500	1	0.173	0.500	
7440-66-6	Zinc	138	1	0.940	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 F	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-154
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:40
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	1.51	1	0.173	0.500	
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35RE1 F	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-223
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 08:19
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.137	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-36 A	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/21/21 10:32	File ID:	XDT_m1210624-107
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 23:28
Batch:	BJF0556	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper, Dissolved	0.622	1	0.173	0.500	
7440-66-6	Zinc, Dissolved	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-36RE1 A	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/30/21 15:58	File ID:	XDT_m1210701-129
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/02/21 00:10
Batch:	BJF0795	Sequence:	SJG0042	Initial/Final:	100 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00011

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium, Dissolved	0.0212	1	0.00600	0.0200	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 F	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-155
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:44
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	0.683	1	0.173	0.500	
7440-66-6	Zinc	33.1	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37RE1 F	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-224
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 08:23
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.0490	1	0.0300	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 F	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-156
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:49
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	1.16	1	0.173	0.500	
7440-66-6	Zinc	3.55	1	2.92	6.00	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38RE1 F	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	07/02/21 14:41	File ID:	XDT_m1210719-063
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/19/21 20:14
Batch:	BJG0055	Sequence:	SJG0243	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00056

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.0870	1	0.0300	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 F	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-157
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 03:55
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	1.09	1	0.173	0.500	
7440-66-6	Zinc	26.0	1	2.92	6.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39RE1 F	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-226
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 08:31
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.0670	1	0.0300	0.100	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 F	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/24/21 13:46	File ID:	XDT_m1210624-161
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/25/21 04:20
Batch:	BJF0654	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper	2.53	1	0.173	0.500	
7440-66-6	Zinc	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Total Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40RE1 F	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	07/02/21 14:41	File ID:	XDT_m1210712-227
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/13/21 08:35
Batch:	BJG0055	Sequence:	SJG0173	Initial/Final:	20 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00039

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium	0.132	1	0.0300	0.100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-41 A	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/21/21 10:32	File ID:	XDT_m1210624-108
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 23:33
Batch:	BJF0556	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper, Dissolved	0.636	1	0.173	0.500	
7440-66-6	Zinc, Dissolved	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-41RE1 A	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/30/21 15:58	File ID:	XDT_m1210701-130
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/02/21 00:14
Batch:	BJF0795	Sequence:	SJG0042	Initial/Final:	100 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00011

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium, Dissolved	0.0194	1	0.00600	0.0200	J

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-42 A	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/21/21 10:32	File ID:	XDT_m1210624-109
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	06/24/21 23:39
Batch:	BJF0556	Sequence:	SJF0364	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS1			Calibration:	EF00073

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-50-8	Copper, Dissolved	0.248	1	0.173	0.500	J
7440-66-6	Zinc, Dissolved	<6.00	1	2.92	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 6020B UCT-KED

Dissolved Metals

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-42RE1 A	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/30/21 15:58	File ID:	XDT_m1210701-131
% Solids:	0.00	Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Analyzed:	07/02/21 00:18
Batch:	BJF0795	Sequence:	SJG0042	Initial/Final:	100 mL / 20 mL
Instrument:	ICPMS1			Calibration:	EG00011

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium, Dissolved	0.0628	1	0.00600	0.0200	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0556 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-103DR-GW-060321	21F0123-05	XDT_m1210623-170	06/21/21 10:32	std
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210624-106	06/21/21 10:32	std
RC-6-SW-060521	21F0123-36	XDT_m1210624-107	06/21/21 10:32	std
RC-1-SW-060521	21F0123-41	XDT_m1210624-108	06/21/21 10:32	std
NRC-3DR-GW-060321	21F0123-42	XDT_m1210624-109	06/21/21 10:32	std
Blank	BJF0556-BLK1	XDT_m1210623-033	06/21/21 10:32	
LCS	BJF0556-BS1	XDT_m1210623-034	06/21/21 10:32	
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	06/21/21 10:32	
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	06/21/21 10:32	
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	06/21/21 10:32	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0654 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-17I-GW-060421	21F0123-18	XDT_m1210624-130	06/24/21 13:46	5x concentration if ND at RL, water
DS-17I-GW-060421	21F0123-18	XDT_m1210624-130	06/24/21 13:46	water
DS-17I-GW-060421	21F0123-18	XDT_m1210628-144	06/24/21 13:46	water
SG-7R-WP-060421	21F0123-22	XDT_m1210624-138	06/24/21 13:46	water
DS-12S-GW-060421	21F0123-23	XDT_m1210715-080	06/24/21 13:46	water
DS-12S-GW-060421	21F0123-23	XDT_m1210624-139	06/24/21 13:46	5x concentration if ND at RL, water
DS-12S-GW-060421	21F0123-23	XDT_m1210624-139	06/24/21 13:46	water
DS-12I-GW-060421	21F0123-24	XDT_m1210624-140	06/24/21 13:46	5x concentration if ND at RL, water
DS-12I-GW-060421	21F0123-24	XDT_m1210624-140	06/24/21 13:46	water
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	06/24/21 13:46	5x concentration if ND at RL, water
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	06/24/21 13:46	water
DS-13S-GW-060421	21F0123-26	XDT_m1210624-142	06/24/21 13:46	5x concentration if ND at RL, water
DS-13S-GW-060421	21F0123-26	XDT_m1210624-142	06/24/21 13:46	water
DS-13I-GW-060421	21F0123-27	XDT_m1210624-143	06/24/21 13:46	5x concentration if ND at RL, water
DS-13I-GW-060421	21F0123-27	XDT_m1210624-143	06/24/21 13:46	water
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	06/24/21 13:46	5x concentration if ND at RL, water
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	06/24/21 13:46	water
HBKG-2-GW-060421	21F0123-29	XDT_m1210624-145	06/24/21 13:46	water
US-1S-GW-060421	21F0123-30	XDT_m1210624-149	06/24/21 13:46	water
US-1I-GW-060421	21F0123-31	XDT_m1210624-150	06/24/21 13:46	water
US-1D-GW-060421	21F0123-32	XDT_m1210624-151	06/24/21 13:46	water
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	06/24/21 13:46	water
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	06/24/21 13:46	5x concentration if ND at RL, water
TP2-12S-GW-060521	21F0123-34	XDT_m1210624-153	06/24/21 13:46	water
TP2-12S-GW-060521	21F0123-34	XDT_m1210624-153	06/24/21 13:46	5x concentration if ND at RL, water
RC-6-SW-060521	21F0123-35	XDT_m1210624-154	06/24/21 13:46	water
RC-6-PW-6-060521	21F0123-37	XDT_m1210624-155	06/24/21 13:46	water
RC-6-PW-12-060521	21F0123-38	XDT_m1210624-156	06/24/21 13:46	water

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0654 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
RC-6-WP-36-060521	21F0123-39	XDT_m1210624-157	06/24/21 13:46	water
RC-1-SW-060521	21F0123-40	XDT_m1210624-161	06/24/21 13:46	water
Blank	BJF0654-BLK1	XDT_m1210624-101	06/24/21 13:46	
LCS	BJF0654-BS1	XDT_m1210624-102	06/24/21 13:46	
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	06/24/21 13:46	
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	06/24/21 13:46	Added 6/29/2021 by MCB
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	06/24/21 13:46	
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	06/24/21 13:46	Added 6/29/2021 by MCB
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	06/24/21 13:46	
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	06/24/21 13:46	Added 6/29/2021 by MCB

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0655 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01	XDT_m1210624-166	06/24/21 13:55	water
NRC-3IR-GW-060321	21F0123-02	XDT_m1210628-155	06/24/21 13:55	water
NRC-3IR-GW-060321	21F0123-02	XDT_m1210624-162	06/24/21 13:55	water
NRC-3IR-GW-060321	21F0123-02	XDT_m1210624-162	06/24/21 13:55	5x concentration if ND at RL, water
NRC-3DR-GW-060321	21F0123-03	XDT_m1210624-163	06/24/21 13:55	water
NRC-103DR-GW-060321	21F0123-04	XDT_m1210624-164	06/24/21 13:55	water
NRC-103SR-GW-060321	21F0123-06	XDT_m1210624-165	06/24/21 13:55	water
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	06/24/21 13:55	5x concentration if ND at RL, water
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	06/24/21 13:55	water
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	06/24/21 13:55	water
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	06/24/21 13:55	5x concentration if ND at RL, water
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	06/24/21 13:55	water
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	06/24/21 13:55	5x concentration if ND at RL, water
DS-16D-GW-060421	21F0123-10	XDT_m1210624-176	06/24/21 13:55	water
DS-16S-GW-060421	21F0123-11	XDT_m1210628-142	06/24/21 13:55	water
DS-16S-GW-060421	21F0123-11	XDT_m1210624-177	06/24/21 13:55	5x concentration if ND at RL, water
DS-16S-GW-060421	21F0123-11	XDT_m1210624-177	06/24/21 13:55	water
DS-15S-GW-060421	21F0123-12	XDT_m1210624-178	06/24/21 13:55	water
DS-15S-GW-060421	21F0123-12	XDT_m1210624-178	06/24/21 13:55	5x concentration if ND at RL, water
DS-15I-GW-060421	21F0123-13	XDT_m1210624-179	06/24/21 13:55	water
DS-18S-GW-060421	21F0123-14	XDT_m1210624-180	06/24/21 13:55	water
DS-18S-GW-060421	21F0123-14	XDT_m1210624-180	06/24/21 13:55	5x concentration if ND at RL, water
DS-18I-GW-060421	21F0123-15	XDT_m1210628-159	06/24/21 13:55	water
DS-18I-GW-060421	21F0123-15	XDT_m1210624-181	06/24/21 13:55	water
DS-18I-GW-060421	21F0123-15	XDT_m1210624-181	06/24/21 13:55	5x concentration if ND at RL, water
DS-18D-GW-060421	21F0123-16	XDT_m1210624-185	06/24/21 13:55	water
DS-17S-GW-060421	21F0123-17	XDT_m1210628-163	06/24/21 13:55	water
DS-17S-GW-060421	21F0123-17	XDT_m1210628-163	06/24/21 13:55	5x concentration if ND at RL, water

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0655 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210624-137	06/24/21 13:55	water
MW-3-GW-060421	21F0123-21	XDT_m1210624-187	06/24/21 13:55	5x concentration if ND at RL, water
MW-3-GW-060421	21F0123-21	XDT_m1210624-187	06/24/21 13:55	water
MW-3-GW-060421	21F0123-21	XDT_m1210628-152	06/24/21 13:55	water
Blank	BJF0655-BLK1	XDT_m1210624-103	06/24/21 13:55	
LCS	BJF0655-BS1	XDT_m1210624-104	06/24/21 13:55	
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	06/24/21 13:55	
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	06/24/21 13:55	
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	06/24/21 13:55	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0795 Batch Matrix: Water Preparation: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-103DR-GW-060321	21F0123-05RE1	XDT_m1210701-141	06/30/21 15:58	Added 6/25/2021 By CDE FOR 5X Conc.
FieldBlank-1-GW-060421	21F0123-20RE1	XDT_m1210701-114	06/30/21 15:58	Re-extract added 6/25/2021 by MCB
RC-6-SW-060521	21F0123-36RE1	XDT_m1210701-129	06/30/21 15:58	Re-extract added 6/25/2021 by MCB
RC-1-SW-060521	21F0123-41RE1	XDT_m1210701-130	06/30/21 15:58	Re-extract added 6/25/2021 by MCB
NRC-3DR-GW-060321	21F0123-42RE1	XDT_m1210701-131	06/30/21 15:58	Re-extract added 6/25/2021 by MCB
Blank	BJF0795-BLK1	XDT_m1210701-111	06/30/21 15:58	
LCS	BJF0795-BS1	XDT_m1210701-112	06/30/21 15:58	
LCS Dup	BJF0795-BSD1	XDT_m1210701-113	06/30/21 15:58	
NRC-103DR-GW-060321	BJF0795-DUP1	XDT_m1210701-142	06/30/21 15:58	
NRC-103DR-GW-060321	BJF0795-MS1	XDT_m1210701-143	06/30/21 15:58	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJG0055 Batch Matrix: Water Preparation: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01RE1	XDT_m1210712-199	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
NRC-3DR-GW-060321	21F0123-03RE1	XDT_m1210712-196	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
NRC-103DR-GW-060321	21F0123-04RE1	XDT_m1210712-197	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
NRC-103SR-GW-060321	21F0123-06RE1	XDT_m1210712-198	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
DS-16D-GW-060421	21F0123-10RE1	XDT_m1210712-205	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
DS-15I-GW-060421	21F0123-13RE1	XDT_m1210712-206	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
DS-18D-GW-060421	21F0123-16RE1	XDT_m1210712-207	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
FieldBlank-1-GW-060421	21F0123-19RE1	XDT_m1210712-208	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
SG-7R-WP-060421	21F0123-22RE1	XDT_m1210712-209	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
HBKG-2-GW-060421	21F0123-29RE1	XDT_m1210712-210	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
US-1S-GW-060421	21F0123-30RE1	XDT_m1210712-211	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
US-1I-GW-060421	21F0123-31RE1	XDT_m1210712-212	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
US-1D-GW-060421	21F0123-32RE1	XDT_m1210712-213	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
RC-6-SW-060521	21F0123-35RE1	XDT_m1210712-223	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
RC-6-PW-6-060521	21F0123-37RE1	XDT_m1210712-224	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
RC-6-PW-12-060521	21F0123-38RE1	XDT_m1210719-063	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
RC-6-WP-36-060521	21F0123-39RE1	XDT_m1210712-226	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
RC-1-SW-060521	21F0123-40RE1	XDT_m1210712-227	07/02/21 14:41	Re-extract added 6/25/2021 by MCB
Blank	BJG0055-BLK1	XDT_m1210712-193	07/02/21 14:41	
LCS	BJG0055-BS1	XDT_m1210712-194	07/02/21 14:41	
LCS Dup	BJG0055-BSD1	XDT_m1210712-195	07/02/21 14:41	
NRC-3SR-GW-060321	BJG0055-DUP1	XDT_m1210712-200	07/02/21 14:41	
NRC-3SR-GW-060321	BJG0055-MS1	XDT_m1210712-201	07/02/21 14:41	

Form I

METHOD BLANK DATA SHEET

EPA 6020B UCT-KED

Dissolved Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0556
Laboratory ID: BJF0556-BLK1
Prepared: 06/21/21 10:32
Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/23/21 16:24
Sequence: SJF0318
Calibration: EF00068
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium-111	ND	1	0.0300	0.100	U
7440-43-9	Cadmium-114	ND	1	0.0400	0.100	U
7440-50-8	Copper-63	ND	1	0.173	0.500	U
7440-50-8	Copper-65	ND	1	0.350	0.500	U
7440-66-6	Zinc-66	ND	1	2.92	6.00	U
7440-66-6	Zinc-67	ND	1	0.940	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B UCT-KED

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0654
Laboratory ID: BJF0654-BLK1
Prepared: 06/24/21 13:46
Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/24/21 23:01
Sequence: SJF0364
Calibration: EF00073
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium-111	ND	1	0.0300	0.100	U
7440-43-9	Cadmium-114	ND	1	0.0400	0.100	U
7440-50-8	Copper-63	ND	1	0.173	0.500	U
7440-50-8	Copper-65	ND	1	0.350	0.500	U
7440-66-6	Zinc-66	ND	1	2.92	6.00	U
7440-66-6	Zinc-67	ND	1	0.940	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B UCT-KED

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0655
Laboratory ID: BJF0655-BLK1
Prepared: 06/24/21 13:55

Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 06/24/21 23:10

Sequence: SJF0364
Calibration: EF00073
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium-111	ND	1	0.0300	0.100	U
7440-43-9	Cadmium-114	ND	1	0.0400	0.100	U
7440-50-8	Copper-63	ND	1	0.173	0.500	U
7440-50-8	Copper-65	ND	1	0.350	0.500	U
7440-66-6	Zinc-66	ND	1	2.92	6.00	U
7440-66-6	Zinc-67	ND	1	0.940	6.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B UCT-KED

Dissolved Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/
Batch: BJF0795
Laboratory ID: BJF0795-BLK1
Prepared: 06/30/21 15:58
Matrix: Water
Preparation: RHN EPA 600/4-79-020 4.
Analyzed: 07/01/21 22:52
Sequence: SJG0042
Calibration: EG00011
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium-111	ND	1	0.00600	0.0200	U
7440-43-9	Cadmium-114	ND	1	0.00800	0.0200	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 6020B UCT-KED

Total Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/

Batch: BJG0055
Laboratory ID: BJG0055-BLK1
Prepared: 07/02/21 14:41

Matrix: Water
Preparation: RHN EPA 600/4-79-020 4.
Analyzed: 07/13/21 05:59

Sequence: SJG0173
Calibration: EG00039
Instrument: ICPMS1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-43-9	Cadmium-111	ND	1	0.0300	0.100	U
7440-43-9	Cadmium-114	ND	1	0.0400	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/23/21 16:29
Batch:	BJF0556	Laboratory ID:	BJF0556-BS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Cadmium-111 (dissolved)	25.0	25.8		103	80 - 120
Cadmium-114 (dissolved)	25.0	26.3		105	80 - 120
Copper-63 (dissolved)	25.0	24.9		99.5	80 - 120
Copper-65 (dissolved)	25.0	25.3		101	80 - 120
Zinc-66 (dissolved)	80.0	83.7		105	80 - 120
Zinc-67 (dissolved)	80.0	78.7		98.4	80 - 120

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/24/21 23:05
Batch:	BJF0654	Laboratory ID:	BJF0654-BS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Cadmium-111	25.0	24.6		98.3	80 - 120
Cadmium-114	25.0	24.3		97.3	80 - 120
Copper-63	25.0	23.7		94.8	80 - 120
Copper-65	25.0	23.7		94.8	80 - 120
Zinc-66	80.0	76.8		96.0	80 - 120
Zinc-67	80.0	74.1		92.6	80 - 120

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/24/21 23:14
Batch:	BJF0655	Laboratory ID:	BJF0655-BS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Cadmium-111	25.0	25.4		102	80 - 120
Cadmium-114	25.0	25.3		101	80 - 120
Copper-63	25.0	24.5		98.1	80 - 120
Copper-65	25.0	24.5		97.8	80 - 120
Zinc-66	80.0	79.4		99.2	80 - 120
Zinc-67	80.0	76.3		95.4	80 - 120

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/13/21 06:03
Batch:	BJG0055	Laboratory ID:	BJG0055-BS1
Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Sequence Name:	LCS
Initial/Final:	20 mL / 20 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Cadmium-111	25.0	24.5		98.2	80 - 120
Cadmium-114	25.0	24.7		98.7	80 - 120

* Indicates values outside of QC limits

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	Q	LCSD % REC. #	% RPD #	QC LIMITS	
						RPD	REC.
Cadmium-111	25.0	24.6		98.3	0.114	20	80 - 120
Cadmium-114	25.0	25.0		99.8	1.11	20	80 - 120

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

DUPLICATES

EPA 6020B UCT-KED

Dissolved Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0556-DUP1
Batch: BJF0556
Lab Source ID: 21F0123-05
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: NRC-103DR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Cadmium-111 (dissolved)	20	0.0940	0.0890	5.46	
Copper-63 (dissolved)	20	0.205	0.210	2.41	
Zinc-66 (dissolved)	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

EPA 6020B UCT-KED

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0654-DUP1
Batch: BJF0654
Lab Source ID: 21F0123-18
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Cadmium-111	20	7.96	8.35	4.84	
Copper-63	20	113	117	3.58	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

DS-17I-GW-060421

DUPLICATES

EPA 6020B UCT-KED

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0654-DUP2
Batch: BJF0654
Lab Source ID: 21F0123-18
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Zinc-66	20	1210	1210	0.255	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

EPA 6020B UCT-KED

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0655-DUP1
Batch: BJF0655
Lab Source ID: 21F0123-01
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Cadmium-111	-0.04 - 0.16	0.0800	0.0630	23.8	L
Copper-63	20	0.261	0.246	5.92	
Zinc-66	20	10.3	10.3	0.680	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

DUPLICATES

EPA 6020B UCT-KED

Dissolved Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0795-DUP1
Batch: BJF0795
Lab Source ID: 21F0123-05RE1
Preparation: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x
Initial/Final: 100 mL / 20 mL
Source Sample Name: NRC-103DR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Cadmium-111 (dissolved)	20	0.0908	0.0904	0.442	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

EPA 6020B UCT-KED

Total Metals

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJG0055-DUP1
Batch: BJG0055
Lab Source ID: 21F0123-01RE1
Preparation: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x
Initial/Final: 20 mL / 20 mL
Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Cadmium-111	20	0.317	0.284	11.0	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/24/21 06:25
Batch:	BJF0556	Laboratory ID:	BJF0556-MS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-103DR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Cadmium-111 (dissolved)	25.0	0.0940	J	24.7		98.4	75 - 125
Copper-63 (dissolved)	25.0	0.205	J	24.2		96.2	75 - 125
Zinc-66 (dissolved)	80.0	ND	U	77.7		97.2	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-103DR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/24/21 06:31
Batch:	BJF0556	Laboratory ID:	BJF0556-MSD1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-103DR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium-111 (dissolved)	25.0	24.8		98.9	0.509	20	75 - 125
Copper-63 (dissolved)	25.0	24.6		97.7	1.59	20	75 - 125
Zinc-66 (dissolved)	80.0	79.0		98.7	1.57	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/25/21 01:43
Batch:	BJF0654	Laboratory ID:	BJF0654-MS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Cadmium-111	25.0	7.96		32.5		98.2	75 - 125
Copper-63	25.0	113		140		107	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/25/21 01:49
Batch:	BJF0654	Laboratory ID:	BJF0654-MSD1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium-111	25.0	32.7		98.9	0.549	20	75 - 125
Copper-63	25.0	135		85.0	4.00	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/29/21 12:29
Batch:	BJF0654	Laboratory ID:	BJF0654-MS2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Zinc-66	80.0	1210	D	1280	HC, D	95.1	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/29/21 12:34
Batch:	BJF0654	Laboratory ID:	BJF0654-MSD2
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Zinc-66	80.0	1260	HC, D	68.8 *	1.65	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/25/21 04:54
Batch:	BJF0655	Laboratory ID:	BJF0655-MS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Cadmium-111	25.0	0.0800	J	25.4		101	75 - 125
Copper-63	25.0	0.261	J	25.0		99.1	75 - 125
Zinc-66	80.0	10.3		88.0		97.0	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/25/21 04:59
Batch:	BJF0655	Laboratory ID:	BJF0655-MSD1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike Dup
Initial/Final:	25 mL / 25 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium-111	25.0	25.9		103	2.06	20	75 - 125
Copper-63	25.0	25.2		99.7	0.590	20	75 - 125
Zinc-66	80.0	87.9		97.0	0.0330	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY

EPA 6020B UCT-KED

Total Metals

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	07/13/21 06:33
Batch:	BJG0055	Laboratory ID:	BJG0055-MS1
Preparation:	RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x	Sequence Name:	Matrix Spike
Initial/Final:	20 mL / 20 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Cadmium-111	25.0	0.317		22.2		87.5	75 - 125

* Values outside of QC limits

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EF00068
Instrument: ICPMS1
Calibration Date: 06/23/2021 13:08

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cadmium-111, Dissolved	0	0	0.1	510	10	434.1	20	427.9	50	415.66	100	405.7
Cadmium-114, Dissolved	0	0	0.1	1190	10	1130.6	20	1101	50	1068.32	100	1052.92
Copper-63, Dissolved	0	0	0.5	5344	10	5342.2	20	5247.35	50	4949.22	100	4835.84
Copper-65, Dissolved	0	0	0.5	2716	10	2692.4	20	2641.15	50	2491.04	100	2393.74
Zinc-66, Dissolved	0	0	6	750.3333	10	781.4	20	752.45	50	708.48	100	681.94
Zinc-67, Dissolved	0	0	6	114.3333	10	132	20	127.65	50	118.1	100	112.7

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00068	Instrument:	ICPMS1
Calibration Date:	06/23/2021 13:08		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Cadmium-111, Dissolved	365.56	50.0	0.9998		0.998	
Cadmium-114, Dissolved	923.8067	49.3	0.9999		0.998	
Copper-63, Dissolved	4286.435	49.2	0.9997		0.998	
Copper-65, Dissolved	2155.722	49.3	0.9993		0.998	
Zinc-66, Dissolved	612.4339	49.3	0.9995		0.998	
Zinc-67, Dissolved	100.7972	49.6	0.9990		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MS **Sequence:** SJFΦ318 **Cal:** EFΦΦΦ68

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CAL1	J6619		
		-CAL2	J6285		
		-CAL3	J6286		
		-CAL4	J6287		
		-CAL5	J662Φ		
		-CAL6	J6288		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J6619		
		-CCV1	J662Φ		
		-CCB1	J6619		
		-CRL1	J6285		
		-IFA1	J576Φ		V-1, Cr^{53}↑
		-IFB1	J5761		↓
		-HCV1	J6678		
		-HCV2	J6294		
		-IBL2	—		(S6↑)
		-IBL3	—		
		-CCV2			
		-CCB2			
	✓	F129-3 TEST			TEST ONLY
		21EΦ29Φ-Φ2	REN	10	Fe, Mn only
		21FΦ255-Φ1	↓	5	
		21EΦ277-Φ1	↓	20	Cr, Zn only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MS 6/23/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJFΦ57Φ-BLK1	REN		(Cr53, Mn 7½RL) Cr NR
		↓ -BS1	↓		
		BJFΦ556-BLK1			
		↓ -BS1			
		21FΦ288-Φ1	↓		
		SEQ-IBL4			
		↓ -CCV3			
		↓ -CCB3			
		BJFΦ485-BLK1	REN		
		↓ -BS1	↓		
		BJFΦ6Φ1-BLK1			
		↓ -BS1			
		21FΦ185-Φ4		2	Se only
Φ2→Φ1		21FΦ318 ~~Φ2~~ Φ1		↓	
		21FΦ323-Φ1	↓		
		SEQ-IBL5			
		BJFΦ553-BLK1	REN		
		↓ -BS1	↓		
		SEQ-CCV4			
		↓ -CCB4			
		BJFΦ554-BLK1	REN		
		↓ -BS1			
		21EΦ314-Φ3		2	
		BJFΦ279-DUP2	↓	↓	No Mn

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJFΦ279-MS2	REN	2	Ba STL — No Mn
		↓ -MSD2	↓	↓	↓ ↓
		21EΦ352-Φ6	↓	5	Mn only
		↓ -Φ7	↓	↓	↓
		↓ -Φ8	↓	↓	↓
		SEQ-IBL6			
		↓ -CCV5			
		↓ -CCB5			
		21FΦ198-Φ1	REN		
		↓ -Φ6	↓		
		↓ -Φ7	↓		
		21FΦ114-Φ1	SWN	200	Cr, Zn only
		21EΦ323-Φ3	REN		
		↓ -Φ1	↓		Mn↑ — Mn NR
		BJFΦ554-DUP1	↓		↓ ↓
		↓ -MS1	↓		/N: %RT↑
		↓ -MSD1	↓		/N: RPD↑
		SEQ-IBL7			
		↓ -CCV6			
		↓ -CCB6			
		BJFΦ662-BLK1	REN		Fe, Sb only
	✓	↓ -BS1	↓		Li, Sc, In, Tb noisy ↓
		↓ -BS1	↓		↓
		21EΦ323-Φ4RE1	↓		↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21EΦ323-Φ2REI	REN		Fe, Sb only
		BJFΦ662-DUPI	↓		↓
		-MSI			
		-MSDI			
		21FΦΦ68-ΦI			
		SEQ-IBL8			
		-CCV7			
		-CCB7			
		21EΦ323-Φ1REI	REN	10	Mn only
	✓	BJFΦ554-DUP2	↓	↓	Li, Sc, In, Tb noisy ↓
		-MS2			Mn STL ↓
		-MSD2			
		-DUP2			↓
		21FΦΦ68-Φ3			
		BJFΦ485-DUPI			Li, Sc, In, Tb SL noisy - %R + Analytes OK
		-MSI			
		-MSDI			
		SEQ-IBL9			
		-CCV8			
		-CCB8			
	✓	-CALI			
		-CCV9			
		-CCB9			
		21FΦΦ68-Φ2	REN		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted. MB 6/23/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FØØ68-Ø4	REN		
		-Ø8			
		-Ø9			
		-1Ø			
		-11			
		21FØØ95-Ø3			
		-Ø5			
		-Ø7			
		SEQ-IBLA			
		-CCVA			
		-CCBA			
		21FØØ92-Ø2	REN		Li,Se,In,Tb sl. noisy -%R+ Analytes OK
		21FØØ95-Ø9			
		-11			
		-13			Se sl. noisy - %R+ Analytes OK
		-15			
		-Ø1			As+Se noisy — No As,Se
		BTFØ485-DUP2			
		-MS2			
		-MSD2			
		SEQ-IBLB			
		-CCVB			
		-CCBB			
		21FØØ92-Ø4	REN		Li,In,Tb noisy- %R+ Analytes OK.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦΦ92-Φ6	REN		
		-Φ8	↓		Sc↑ - Not Needed
		-Φ1	↓		
		-Φ3	↓		
		-Φ5	↓		
		-Φ7	↓		
		21FΦΦ93-Φ2	↓		
		-Φ4	↓		
		SEQ-IBLC			
		-CCVC			
		-CCBC			
		21FΦΦ93-Φ6	REN		
		-Φ8	↓		
		-Φ1	↓		
		-Φ3	↓		
		-Φ5	↓		
		21FΦ1Φ8-Φ1	↓		In matrix - LR + Analytes OK / Matches DUP
		BJFΦ553-DUP1	↓		
		-MS1	↓		
		-MSD1	↓		
		SEQ-IBLD			
		-CCVD			
		-CCBD			
	✓	-CAL1			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVE			
		-CCBE			
		21F0093-07	REN		
		21F0139-03			
		-04			
		-05			
		-02			
		BJF0520-DUP1			
		-MS1			
		-MSD1			VOID MB 6/23/21

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 6/23/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVE			
		↓ -CCBE			
		21FΦΦ93-Φ7	REN		
		21FΦ151-Φ1	↓		
		21FΦ139-Φ3			
		-Φ4			
		-Φ5			
		-Φ2			Mn↑ No Mn
		BJFΦ52Φ-DUP1			Li, Sc, In, Tb noisy - %R ok / Analytes OK / Matrix present
		-MS1			↓ ↓
		-MSD1	↓		
		SEQ-IBLE			
		-CCVF			
		↓ -CCBF			
		21FFΦ137-Φ1	REN		
		21FΦ137-Φ3	↓		
		-Φ5			
		↓ -Φ7			
		21FΦ267-Φ1			
		21FΦ123-Φ5			(Cd NO-RNR 5x re-prep) No Ba
		BJFΦ556-DUP1			
		-MS1			Mn %RP (128%) ↓
		↓ -MSD1	↓		↓
		SEQ-IBLF			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVG			Ba^{137} ↓
		↓ -CCBG			
		21FΦ298-Φ1	REN		
		-Φ2			
		-Φ3			
		21FΦ233-Φ1			
		-Φ2			
		-Φ3			
		-Φ4			
		21FΦ131-Φ1			Ge noisy / $Cd^{111}+In^{114}$ Sig. Diff. Cr, Pb only
		21FΦ135-Φ1			
		SEQ-IBLG			
		-CCVH			Ba^{137} ↓
		↓ -CCBH			Li, Sc, In, Tb noisy - %R + Analytes OK
		21FΦ120-Φ1	REN	10	
		21FΦ121-Φ1		2	
		21FΦ184-Φ1			
		21FΦ147-Φ2			
		-Φ3			
		-Φ4			
		-Φ1			
		BJFΦ570-DUP1			
		↓ -MS1			
		SEQ-IBLH			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/23/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVI			Mn std. noisy - Value OK & consistent
		↓ -CCBI			
		Rinse/DI			
				MB 6/23/21	

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Wednesday, June 23, 2021 12:08:26
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11038
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	10372.4	10357.828	155.481	1.5	Standard
	In	114.9	155914.9	-1663210.261	2394.529	0.1	Standard
	U	238.1	194592.1	194592.053	5530.125	2.8	Standard
⌈	CeO	155.9	3204.2	0.018	0.000	0.6	Standard
| >	Ce	139.9	175726.3	175726.303	2601.940	1.5	Standard
⌊	Ce++	70.0	2354.5	0.013	0.000	2.6	Standard
	Bkgd	220.0	1.0	1.033	0.342	33.1	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/23/2021 12:08:24 PM
End Time: 6/23/2021 12:12:43 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 10372.43
Obtained Intensity (In 115): 155914.90
Obtained Intensity (U 238): 194592.05
Obtained Intensity (Bkgd 220): 1.03
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2354.53 / 175726.30)
Obtained Formula (CeO 156 / Ce 140): 0.018 (=3204.23 / 175726.30)
Obtained RSD (Be 9): 0.0150
Obtained RSD (In 115): 0.0014
Obtained RSD (U 238): 0.0284

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
1.98 mm	-1.99 mm	18050.40

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/23/2021 12:08:24 PM

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10372.43
Obtained Intensity (In 115): 155914.90
Obtained Intensity (U 238): 194592.05
Obtained Intensity (Bkgd 220): 1.03
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2354.53 / 175726.30)
Obtained Formula (CeO 156 / Ce 140): 0.018 (=3204.23 / 175726.30)
Obtained RSD (Be 9): 0.0150
Obtained RSD (In 115): 0.0014
Obtained RSD (U 238): 0.0284

[Passed] Optimum value(s): N/A

Torch Alignment

Optimization Settings:

Method: Torch Alignment.mth.
Intensity Criterion: In 115 Maximum

Optimization Results:

	Vertical	Horizontal	Intensity
[Passed]	1.98 mm	-1.99 mm	18050.40

End Time: 6/23/2021 12:12:43 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Wednesday, June 23, 2021 12:21:12
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11046
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9657.0	9656.997	170.736	1.8	Standard
	In	114.9	152724.1	152724.117	1000.173	0.7	Standard
	U	238.1	208825.4	208825.445	1943.661	0.9	Standard
⌈	CeO	155.9	3482.1	0.020	0.000	0.8	Standard
| >	Ce	139.9	174852.5	174852.452	974.465	0.6	Standard
⌊	Ce++	70.0	2216.1	0.013	0.000	0.7	Standard
	Bkgd	220.0	0.6	0.567	0.190	33.5	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/23/2021 12:12:49 PM
End Time: 6/23/2021 12:23:16 PM

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.59 mm	-0.36 mm	169612.96

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.965
Obtained Intensity (In 115): 163584.26
Obtained Formula (CeO 156 / Ce 140): 0.0194 (=3538.44 / 182438.54)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.694)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.694)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.699)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.996; Intercept = -13.86

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.997; Intercept = -13.81

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 9657.00
Obtained Intensity (In 115): 152724.12
Obtained Intensity (U 238): 208825.44
Obtained Intensity (Bkgd 220): 0.57
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2216.11 / 174852.45)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=3482.09 / 174852.45)
Obtained RSD (Be 9): 0.0177
Obtained RSD (In 115): 0.0065
Obtained RSD (U 238): 0.0093

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/23/2021 12:12:49 PM

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:
		Vertical	Horizontal	Intensity
[Passed]	2.59 mm	-0.36 mm	169612.96

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.95/0.99/0.005.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.023

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 163584.26
		Obtained Formula (CeO 156 / Ce 140): 0.0194 (=3538.44 / 182438.54)
[Passed] Optimum value(s): 0.965

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.717)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.689)
		Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.681)
		Target/Obtained mass (238.05/237.975), Target/Obtained resolution (0.7/0.701) - <Target not achieved>
		[Failed]
	Retry 1
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.694)
		Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.694)
		Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.699)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.996; Intercept = -13.86

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	37513.2
Mg	24	41	-14	69862.4
In	115	41	-12.5	164858
Ce	140	41	-11.5	180517
Pb	208	41	-10.5	115582
U	238	41	-10.5	215830

KED Mode QID
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.997; Intercept = -13.81

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	26725
Mg	24	41	-14	64493.3
In	115	41	-11.5	149890
Ce	140	41	-10.5	135839
Pb	208	41	-10	69010.3
U	238	41	-10	141388

STD Performance Check
Optimization Settings:
Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:
Initial Try
Obtained Intensity (Be 9): 9657.00
Obtained Intensity (In 115): 152724.12
Obtained Intensity (U 238): 208825.44
Obtained Intensity (Bkgd 220): 0.57
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2216.11 / 174852.45)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=3482.09 / 174852.45)
Obtained RSD (Be 9): 0.0177
Obtained RSD (In 115): 0.0065
Obtained RSD (U 238): 0.0093

[Passed] Optimum value(s): N/A

End Time: 6/23/2021 12:23:16 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:08:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L				1107873	1	Standard
	Be	**9**		ug/L				4	24	Standard
	C	**13**		ug/L				30456	0	Standard
	Cl	**37**		ug/L				6901546	0	Standard
>	**Sc**	**45**		ug/L				1525311	0	Standard
	V	**51**		ug/L				7633	1	Standard
	V-1	**51**		ug/L				424	0	Standard
	Cr	**52**		ug/L				22604	1	Standard
	Cr	**53**		ug/L				248	2	Standard
	Fe	**54**		ug/L				109957	0	Standard
	Fe	**57**		ug/L				21890	0	Standard
	Mn	**55**		ug/L				1100	3	Standard
>	**Ge**	**72**		ug/L				100487	1	KED
	Co	**59**		ug/L				8	32	KED
	Ni	**60**		ug/L				63	20	KED
	Ni	**62**		ug/L				15	18	KED
	Cu	**63**		ug/L				220	7	KED
	Cu	**65**		ug/L				102	4	KED
	Zn	**66**		ug/L				217	4	KED
	Zn	**67**		ug/L				33	24	KED
	As	**75**		ug/L				4	22	KED
	Se	**78**		ug/L				14	2	KED
	Y	**89**		ug/L				787121	1	Standard
	Kr	**83**		ug/L				329	10	Standard
>	**In-1**	**115**		ug/L				30151	2	KED
	Mo	**98**		ug/L				4	45	KED
	Cd	**111**		ug/L				3	56	KED
	Cd	**114**		ug/L				4	28	KED
>	**In**	**115**		ug/L				1531029	1	Standard
	Ag	**107**		ug/L				86	12	Standard
	Sb	**121**		ug/L				67	42	Standard
	Sb	**123**		ug/L				51	9	Standard
	Ba	**135**		ug/L				44	6	Standard
	Ba	**137**		ug/L				73	19	Standard
>	**Tb**	**159**		ug/L				2910281	0	Standard
	Tl	**205**		ug/L				83	19	Standard
	Pb	**208**		ug/L				1932	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:13:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1103655	0	Standard
	Be	**9**	**0.200**	ug/L	0.010	5	4	1267	4	Standard
	C	**13**		ug/L			30456	31816	3	Standard
	Cl	**37**		ug/L			6901546	6927909	0	Standard
>	**Sc**	**45**		ug/L			1525311	1506287	0	Standard
	V	**51**	**0.200**	ug/L	0.006	2	7633	14017	1	Standard
	V-1	**51**	**0.200**	ug/L	0.003	1	424	6911	1	Standard
	Cr	**52**	**0.500**	ug/L	0.014	2	22604	36553	0	Standard
	Cr	**53**	**0.500**	ug/L	0.019	3	248	1858	2	Standard
	Fe	**54**	**36.000**	ug/L	0.786	2	109957	224665	0	Standard
	Fe	**57**	**36.000**	ug/L	0.927	2	21890	63492	1	Standard
	Mn	**55**	**0.500**	ug/L	0.014	2	1100	22140	2	Standard
>	**Ge**	**72**		ug/L			100487	101827	0	KED
	Co	**59**	**0.200**	ug/L	0.004	2	8	1227	2	KED
	Ni	**60**	**0.500**	ug/L	0.002	0	63	864	1	KED
	Ni	**62**	**0.500**	ug/L	0.071	14	15	152	12	KED
	Cu	**63**	**0.500**	ug/L	0.009	1	220	2672	2	KED
	Cu	**65**	**0.500**	ug/L	0.026	5	102	1358	4	KED
	Zn	**66**	**6.000**	ug/L	0.049	0	217	4502	1	KED
	Zn	**67**	**6.000**	ug/L	0.078	1	33	686	1	KED
	As	**75**	**0.200**	ug/L	0.016	8	4	72	7	KED
	Se	**78**	**0.500**	ug/L	0.051	10	14	33	6	KED
	Y	**89**		ug/L			787121	790492	0	Standard
	Kr	**83**		ug/L			329	356	1	Standard
>	**In-1**	**115**		ug/L			30151	29316	0	KED
	Mo	**98**	**0.200**	ug/L	0.006	2	4	350	3	KED
	Cd	**111**	**0.100**	ug/L	0.007	6	3	51	6	KED
	Cd	**114**	**0.100**	ug/L	0.014	14	4	119	14	KED
>	**In**	**115**		ug/L			1531029	1532921	1	Standard
	Ag	**107**	**0.200**	ug/L	0.011	5	86	3642	4	Standard
	Sb	**121**	**0.200**	ug/L	0.009	4	67	4427	4	Standard
	Sb	**123**	**0.200**	ug/L	0.009	4	51	3467	3	Standard
	Ba	**135**	**0.500**	ug/L	0.023	4	44	3896	4	Standard
	Ba	**137**	**0.500**	ug/L	0.008	1	73	6864	1	Standard
>	**Tb**	**159**		ug/L			2910281	2919799	1	Standard
	Tl	**205**	**0.200**	ug/L	0.003	1	83	19111	0	Standard
	Pb	**208**	**0.100**	ug/L	0.002	1	1932	13681	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:18:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1122534	2	Standard
	Be	**9**	**10.000**	ug/L	0.261	2	4	68555	0	Standard
	C	**13**		ug/L			30456	77168	0	Standard
	Cl	**37**		ug/L			6901546	7195707	1	Standard
>	**Sc**	**45**		ug/L			1525311	1546645	0	Standard
	V	**51**	**10.000**	ug/L	0.051	0	7633	338988	0	Standard
	V-1	**51**	**10.000**	ug/L	0.056	0	424	333152	0	Standard
	Cr	**52**	**10.000**	ug/L	0.082	0	22604	315851	0	Standard
	Cr	**53**	**10.000**	ug/L	0.126	1	248	33825	1	Standard
	Fe	**54**	**999.993**	ug/L	8.517	0	109957	3404408	0	Standard
	Fe	**57**	**1000.023**	ug/L	2.155	0	21890	1238621	0	Standard
	Mn	**55**	**10.001**	ug/L	0.208	2	1100	444000	1	Standard
>	**Ge**	**72**		ug/L			100487	103309	0	KED
	Co	**59**	**10.000**	ug/L	0.016	0	8	60922	1	KED
	Ni	**60**	**10.002**	ug/L	0.060	0	63	17881	1	KED
	Ni	**62**	**10.001**	ug/L	0.233	2	15	2864	3	KED
	Cu	**63**	**10.002**	ug/L	0.157	1	220	53422	0	KED
	Cu	**65**	**10.001**	ug/L	0.132	1	102	26924	1	KED
	Zn	**66**	**10.124**	ug/L	0.105	1	217	7814	0	KED
	Zn	**67**	**10.389**	ug/L	0.042	0	33	1320	0	KED
	As	**75**	**10.000**	ug/L	0.108	1	4	3685	0	KED
	Se	**78**	**10.003**	ug/L	0.205	2	14	425	2	KED
	Y	**89**		ug/L			787121	786935	1	Standard
	Kr	**83**		ug/L			329	316	2	Standard
>	**In-1**	**115**		ug/L			30151	28900	0	KED
	Mo	**98**	**10.000**	ug/L	0.144	1	4	18449	1	KED
	Cd	**111**	**10.000**	ug/L	0.081	0	3	4341	0	KED
	Cd	**114**	**10.000**	ug/L	0.216	2	4	11306	1	KED
>	**In**	**115**		ug/L			1531029	1562493	0	Standard
	Ag	**107**	**10.000**	ug/L	0.235	2	86	192279	1	Standard
	Sb	**121**	**10.000**	ug/L	0.093	0	67	226840	1	Standard
	Sb	**123**	**10.000**	ug/L	0.087	0	51	178249	0	Standard
	Ba	**135**	**10.001**	ug/L	0.145	1	44	80929	1	Standard
	Ba	**137**	**10.000**	ug/L	0.196	1	73	140513	1	Standard
>	**Tb**	**159**		ug/L			2910281	2981964	0	Standard
	Tl	**205**	**10.000**	ug/L	0.042	0	83	977192	0	Standard
	Pb	**208**	**10.000**	ug/L	0.150	1	1932	1290437	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:23:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1126316	2	Standard
	Be	**9**	**20.013**	ug/L	0.157	0	4	138036	2	Standard
	C	**13**		ug/L			30456	70908	0	Standard
	Cl	**37**		ug/L			6901546	7257289	0	Standard
>	**Sc**	**45**		ug/L			1525311	1520820	1	Standard
	V	**51**	**20.100**	ug/L	0.319	1	7633	675531	1	Standard
	V-1	**51**	**20.107**	ug/L	0.131	0	424	672522	1	Standard
	Cr	**52**	**20.038**	ug/L	0.444	2	22604	604025	1	Standard
	Cr	**53**	**20.062**	ug/L	0.298	1	248	67292	1	Standard
	Fe	**54**	**2004.007**	ug/L	28.363	1	109957	6649928	0	Standard
	Fe	**57**	**2014.033**	ug/L	15.620	0	21890	2500356	2	Standard
	Mn	**55**	**20.100**	ug/L	0.427	2	1100	894007	0	Standard
>	**Ge**	**72**		ug/L			100487	100475	0	KED
	Co	**59**	**20.118**	ug/L	0.076	0	8	122073	0	KED
	Ni	**60**	**20.083**	ug/L	0.345	1	63	35436	1	KED
	Ni	**62**	**20.196**	ug/L	0.313	1	15	5836	1	KED
	Cu	**63**	**20.048**	ug/L	0.234	1	220	104947	1	KED
	Cu	**65**	**20.043**	ug/L	0.120	0	102	52823	0	KED
	Zn	**66**	**20.085**	ug/L	0.212	1	217	15049	0	KED
	Zn	**67**	**20.229**	ug/L	1.221	6	33	2553	5	KED
	As	**75**	**20.065**	ug/L	0.044	0	4	7282	0	KED
	Se	**78**	**19.942**	ug/L	0.338	1	14	801	1	KED
	Y	**89**		ug/L			787121	785842	2	Standard
	Kr	**83**		ug/L			329	362	9	Standard
>	**In-1**	**115**		ug/L			30151	28330	0	KED
	Mo	**98**	**20.057**	ug/L	0.394	1	4	36690	1	KED
	Cd	**111**	**20.023**	ug/L	0.287	1	3	8558	1	KED
	Cd	**114**	**19.974**	ug/L	0.326	1	4	22020	1	KED
>	**In**	**115**		ug/L			1531029	1531016	1	Standard
	Ag	**107**	**19.978**	ug/L	0.133	0	86	374667	1	Standard
	Sb	**121**	**20.092**	ug/L	0.174	0	67	454792	0	Standard
	Sb	**123**	**20.043**	ug/L	0.148	0	51	353077	1	Standard
	Ba	**135**	**20.058**	ug/L	0.066	0	44	160872	1	Standard
	Ba	**137**	**20.046**	ug/L	0.132	0	73	278449	1	Standard
>	**Tb**	**159**		ug/L			2910281	2971517	1	Standard
	Tl	**205**	**20.039**	ug/L	0.176	0	83	1966349	1	Standard
	Pb	**208**	**19.997**	ug/L	0.153	0	1932	2567978	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:28:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1104550	2	Standard
	Be	**9**	**50.008**	ug/L	1.540	3	4	338373	0	Standard
	C	**13**		ug/L			30456	30801	0	Standard
	Cl	**37**		ug/L			6901546	7365050	1	Standard
>	**Sc**	**45**		ug/L			1525311	1479555	0	Standard
	V	**51**	**49.975**	ug/L	0.607	1	7633	1619154	0	Standard
	V-1	**51**	**50.030**	ug/L	0.675	1	424	1632166	0	Standard
	Cr	**52**	**49.820**	ug/L	0.580	1	22604	1403736	1	Standard
	Cr	**53**	**49.999**	ug/L	0.487	0	248	162783	0	Standard
	Fe	**54**	**4992.516**	ug/L	29.474	0	109957	15842690	1	Standard
	Fe	**57**	**4986.680**	ug/L	53.404	1	21890	5912516	0	Standard
	Mn	**55**	**49.827**	ug/L	0.939	1	1100	2118253	1	Standard
>	**Ge**	**72**		ug/L			100487	98588	0	KED
	Co	**59**	**49.638**	ug/L	0.779	1	8	285205	1	KED
	Ni	**60**	**49.755**	ug/L	0.633	1	63	83999	1	KED
	Ni	**62**	**49.852**	ug/L	0.734	1	15	13907	1	KED
	Cu	**63**	**49.697**	ug/L	0.773	1	220	247461	1	KED
	Cu	**65**	**49.694**	ug/L	0.717	1	102	124552	1	KED
	Zn	**66**	**49.746**	ug/L	0.836	1	217	35424	1	KED
	Zn	**67**	**49.644**	ug/L	1.062	2	33	5905	1	KED
	As	**75**	**49.864**	ug/L	0.619	1	4	17514	1	KED
	Se	**78**	**49.870**	ug/L	1.093	2	14	1920	2	KED
	Y	**89**		ug/L			787121	761514	0	Standard
	Kr	**83**		ug/L			329	360	6	Standard
>	**In-1**	**115**		ug/L			30151	27963	0	KED
	Mo	**98**	**50.021**	ug/L	0.942	1	4	90490	1	KED
	Cd	**111**	**49.878**	ug/L	0.938	1	3	20783	1	KED
	Cd	**114**	**49.847**	ug/L	1.074	2	4	53416	1	KED
>	**In**	**115**		ug/L			1531029	1493374	2	Standard
	Ag	**107**	**49.615**	ug/L	0.292	0	86	873852	2	Standard
	Sb	**121**	**49.919**	ug/L	0.872	1	67	1093297	2	Standard
	Sb	**123**	**49.817**	ug/L	0.996	2	51	840233	0	Standard
	Ba	**135**	**49.963**	ug/L	0.381	0	44	389311	1	Standard
	Ba	**137**	**50.110**	ug/L	1.157	2	73	686149	0	Standard
>	**Tb**	**159**		ug/L			2910281	2941375	0	Standard
	Tl	**205**	**49.761**	ug/L	0.699	1	83	4720637	0	Standard
	Pb	**208**	**49.866**	ug/L	0.607	1	1932	6251853	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:34:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1072859	1	Standard
	Be	**9**	**99.411**	ug/L	1.855	1	4	641063	0	Standard
	C	**13**		ug/L			30456	47053	1	Standard
	Cl	**37**		ug/L			6901546	7596636	1	Standard
>	**Sc**	**45**		ug/L			1525311	1457771	1	Standard
	V	**51**	**99.996**	ug/L	1.346	1	7633	3184751	2	Standard
	V-1	**51**	**99.994**	ug/L	1.120	1	424	3213559	2	Standard
	Cr	**52**	**99.924**	ug/L	1.267	1	22604	2744952	1	Standard
	Cr	**53**	**99.919**	ug/L	1.164	1	248	319392	0	Standard
	Fe	**54**	**9995.877**	ug/L	106.997	1	109957	31102258	1	Standard
	Fe	**57**	**10000.596**	ug/L	108.731	1	21890	11663023	0	Standard
	Mn	**55**	**99.618**	ug/L	2.428	2	1100	4118182	0	Standard
>	**Ge**	**72**		ug/L			100487	95860	0	KED
	Co	**59**	**100.646**	ug/L	1.062	1	8	574665	1	KED
	Ni	**60**	**100.212**	ug/L	1.639	1	63	165603	1	KED
	Ni	**62**	**99.912**	ug/L	1.592	1	15	27006	1	KED
	Cu	**63**	**99.983**	ug/L	0.621	0	220	483584	0	KED
	Cu	**65**	**99.594**	ug/L	0.393	0	102	239374	0	KED
	Zn	**66**	**99.715**	ug/L	0.744	0	217	68194	0	KED
	Zn	**67**	**99.454**	ug/L	1.351	1	33	11270	1	KED
	As	**75**	**100.252**	ug/L	0.527	0	4	34525	1	KED
	Se	**78**	**100.870**	ug/L	1.807	1	14	3875	1	KED
	Y	**89**		ug/L			787121	752528	1	Standard
	Kr	**83**		ug/L			329	331	5	Standard
>	**In-1**	**115**		ug/L			30151	27121	1	KED
	Mo	**98**	**100.556**	ug/L	1.126	1	4	179778	1	KED
	Cd	**111**	**100.089**	ug/L	0.898	0	3	40570	1	KED
	Cd	**114**	**100.297**	ug/L	0.946	0	4	105292	2	KED
>	**In**	**115**		ug/L			1531029	1453245	1	Standard
	Ag	**107**	**100.499**	ug/L	3.076	3	86	1751173	2	Standard
	Sb	**121**	**100.413**	ug/L	2.289	2	67	2169252	0	Standard
	Sb	**123**	**100.186**	ug/L	2.999	2	51	1654734	2	Standard
	Ba	**135**	**100.189**	ug/L	1.324	1	44	764458	1	Standard
	Ba	**137**	**100.337**	ug/L	2.007	2	73	1352356	1	Standard
>	**Tb**	**159**		ug/L			2910281	2923398	1	Standard
	Tl	**205**	**99.932**	ug/L	1.518	1	83	9399876	0	Standard
	Pb	**208**	**99.639**	ug/L	2.462	2	1932	12264554	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:42:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1081064	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	56	4	7	25	Standard
	C	**13**		ug/L			30456	29517	1	Standard
	Cl	**37**		ug/L			6901546	7145485	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1446423	1	Standard
⎢	**V**	**51**	**0.009**	ug/L	0.002	18	7633	7523	0	Standard
⎢	**V-1**	**51**	**-0.001**	ug/L	0.000	12	424	358	0	Standard
⎢	**Cr**	**52**	**0.022**	ug/L	0.009	39	22604	22037	0	Standard
⎢	**Cr**	**53**	**-0.012**	ug/L	0.004	34	248	199	5	Standard
⎢	**Fe**	**54**	**0.386**	ug/L	0.213	55	109957	105453	0	Standard
⎢	**Fe**	**57**	**1.773**	ug/L	0.481	27	21890	22805	2	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.000	7	1100	856	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	97451	0	KED
⎢	**Co**	**59**	**-0.001**	ug/L	0.001	47	8	2	114	KED
⎢	**Ni**	**60**	**-0.009**	ug/L	0.003	32	63	45	11	KED
⎢	**Ni**	**62**	**-0.021**	ug/L	0.007	32	15	9	20	KED
⎢	**Cu**	**63**	**-0.000**	ug/L	0.001	292	220	212	2	KED
⎢	**Cu**	**65**	**0.002**	ug/L	0.005	326	102	103	11	KED
⎢	**Zn**	**66**	**-0.163**	ug/L	0.018	11	217	98	12	KED
⎢	**Zn**	**67**	**-0.152**	ug/L	0.019	12	33	14	15	KED
⎢	**As**	**75**	**0.002**	ug/L	0.008	457	4	4	56	KED
⌊	**Se**	**78**	**-0.033**	ug/L	0.047	143	14	13	13	KED
	Y	**89**		ug/L			787121	744597	1	Standard
	Kr	**83**		ug/L			329	351	8	Standard
⌈>	**In-1**	**115**		ug/L			30151	27801	1	KED
⎢	**Mo**	**98**	**0.013**	ug/L	0.002	15	4	29	13	KED
⎢	**Cd**	**111**	**0.001**	ug/L	0.004	522	3	3	41	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	418	4	4	24	KED
⌈>	**In**	**115**		ug/L			1531029	1439993	1	Standard
⎢	**Ag**	**107**	**0.004**	ug/L	0.001	28	86	148	13	Standard
⎢	**Sb**	**121**	**0.035**	ug/L	0.000	0	67	821	0	Standard
⎢	**Sb**	**123**	**0.034**	ug/L	0.004	10	51	608	9	Standard
⎢	**Ba**	**135**	**-0.001**	ug/L	0.001	62	44	34	14	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	73	73	49	27	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2822601	0	Standard
⎢	**Tl**	**205**	**0.004**	ug/L	0.000	4	83	480	3	Standard
⌊	**Pb**	**208**	**-0.009**	ug/L	0.000	2	1932	847	3	Standard

Sample Information

Sample Date/Time: Wednesday, June 23, 2021 13:34:55
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**0.9999**	0.006	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
V	51	**1.0000**	0.022	0.20	10	20	50	100
V-1	51	**1.0000**	0.022	0.20	10	20	50	100
Cr	52	**1.0000**	0.019	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Fe	54	**1.0000**	0.002	36.00	1000	2000	5000	10000
Fe	57	**1.0000**	0.001	36.00	1000	2000	5000	10000
Mn	55	**1.0000**	0.028	0.50	10	20	50	100
Ge	72							
Co	59	**0.9999**	0.060	0.20	10	20	50	100
Ni	60	**1.0000**	0.017	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.050	0.50	10	20	50	100
Cu	65	**0.9999**	0.025	0.50	10	20	50	100
Zn	66	**1.0000**	0.007	6.00	10	20	50	100
Zn	67	**0.9999**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.004	0.20	10	20	50	100
Se	78	**0.9999**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**0.9999**	0.066	0.20	10	20	50	100
Cd	111	**1.0000**	0.015	0.10	10	20	50	100
Cd	114	**1.0000**	0.039	0.10	10	20	50	100
In	115							
Ag	107	**0.9999**	0.012	0.20	10	20	50	100
Sb	121	**1.0000**	0.015	0.20	10	20	50	100
Sb	123	**1.0000**	0.011	0.20	10	20	50	100
Ba	135	**1.0000**	0.005	0.50	10	20	50	100
Ba	137	**1.0000**	0.009	0.50	10	20	50	100
Tb	159							
Tl	205	**1.0000**	0.032	0.20	10	20	50	100
Pb	208	**1.0000**	0.042	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 13:58:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1072890	1	Standard
⌊	**Be**	**9**	**48.226**	ug/L	0.502	1	4	311013	0	Standard
	C	**13**		ug/L			30456	29384	0	Standard
	Cl	**37**		ug/L			6901546	7479995	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1473478	2	Standard
⌈	**V**	**51**	**48.633**	ug/L	0.552	1	7633	1569021	1	Standard
⌊	**V-1**	**51**	**48.536**	ug/L	1.074	2	424	1576293	0	Standard
⌈	**Cr**	**52**	**49.338**	ug/L	0.389	0	22604	1381272	2	Standard
⌊	**Cr**	**53**	**49.001**	ug/L	1.386	2	248	158409	1	Standard
⌈	**Fe**	**54**	**4857.425**	ug/L	74.026	1	109957	15333292	2	Standard
⌊	**Fe**	**57**	**4774.752**	ug/L	59.166	1	21890	5639694	1	Standard
⌊	**Mn**	**55**	**49.132**	ug/L	0.552	1	1100	2053956	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	96352	2	KED
⌈	**Co**	**59**	**50.876**	ug/L	1.185	2	8	291895	1	KED
⌊	**Ni**	**60**	**49.873**	ug/L	0.853	1	63	82858	1	KED
⌈	**Ni**	**62**	**49.189**	ug/L	1.350	2	15	13368	1	KED
⌈	**Cu**	**63**	**49.964**	ug/L	0.680	1	220	242964	0	KED
⌊	**Cu**	**65**	**50.328**	ug/L	1.074	2	102	121621	2	KED
⌈	**Zn**	**66**	**48.832**	ug/L	0.489	1	217	33670	1	KED
⌊	**Zn**	**67**	**48.605**	ug/L	1.547	3	33	5553	4	KED
⌈	**As**	**75**	**48.502**	ug/L	0.478	0	4	16789	1	KED
⌊	**Se**	**78**	**76.470**	ug/L	0.480	0	14	2956	1	KED
	Y	**89**		ug/L			787121	742654	1	Standard
	Kr	**83**		ug/L			329	323	6	Standard
⌈>	**In-1**	**115**		ug/L			30151	28338	0	KED
⌈	**Mo**	**98**	**47.190**	ug/L	0.729	1	4	88158	1	KED
⌈	**Cd**	**111**	**47.876**	ug/L	0.617	1	3	20278	1	KED
⌊	**Cd**	**114**	**47.920**	ug/L	0.405	0	4	52567	1	KED
⌈>	**In**	**115**		ug/L			1531029	1430901	3	Standard
⌈	**Ag**	**107**	**49.725**	ug/L	1.189	2	86	852929	1	Standard
⌈	**Sb**	**121**	**49.360**	ug/L	1.167	2	67	1049809	1	Standard
⌊	**Sb**	**123**	**50.664**	ug/L	1.561	3	51	823654	1	Standard
⌈	**Ba**	**135**	**49.919**	ug/L	1.468	2	44	374891	1	Standard
⌊	**Ba**	**137**	**49.778**	ug/L	1.755	3	73	660270	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2928753	0	Standard
⌈	**Tl**	**205**	**49.957**	ug/L	0.715	1	83	4708389	1	Standard
⌊	**Pb**	**208**	**49.274**	ug/L	0.588	1	1932	6078316	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:06:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1071233	2	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	65	4	15	48	Standard
	C	**13**		ug/L			30456	28631	1	Standard
	Cl	**37**		ug/L			6901546	7069271	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1443400	2	Standard
⌈	**V**	**51**	**0.006**	ug/L	0.004	72	7633	7408	0	Standard
⌊	**V-1**	**51**	**-0.002**	ug/L	0.000	13	424	324	2	Standard
⌈	**Cr**	**52**	**0.015**	ug/L	0.015	101	22604	21788	0	Standard
⌊	**Cr**	**53**	**-0.012**	ug/L	0.002	16	248	196	2	Standard
⌈	**Fe**	**54**	**-0.111**	ug/L	0.199	180	109957	103714	2	Standard
⌊	**Fe**	**57**	**2.145**	ug/L	0.186	8	21890	23188	2	Standard
⌊	**Mn**	**55**	**-0.006**	ug/L	0.001	9	1100	794	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	96493	1	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	52	8	4	49	KED
⌊	**Ni**	**60**	**-0.010**	ug/L	0.009	85	63	43	34	KED
⌈	**Ni**	**62**	**-0.016**	ug/L	0.020	120	15	10	50	KED
⌈	**Cu**	**63**	**-0.005**	ug/L	0.004	87	220	189	11	KED
⌊	**Cu**	**65**	**-0.001**	ug/L	0.003	220	102	95	8	KED
⌈	**Zn**	**66**	**-0.154**	ug/L	0.016	10	217	103	10	KED
⌊	**Zn**	**67**	**-0.083**	ug/L	0.069	83	33	22	34	KED
⌈	**As**	**75**	**0.007**	ug/L	0.003	38	4	6	12	KED
⌊	**Se**	**78**	**0.024**	ug/L	0.122	501	14	15	30	KED
	Y	**89**		ug/L			787121	746918	2	Standard
	Kr	**83**		ug/L			329	339	8	Standard
⌈>	**In-1**	**115**		ug/L			30151	26800	3	KED
⌈	**Mo**	**98**	**0.009**	ug/L	0.006	67	4	20	54	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.005	319	3	2	78	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	150	4	3	35	KED
⌈>	**In**	**115**		ug/L			1531029	1456793	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	92	86	110	22	Standard
⌈	**Sb**	**121**	**0.021**	ug/L	0.001	3	67	514	2	Standard
⌊	**Sb**	**123**	**0.022**	ug/L	0.003	11	51	421	9	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	86	44	37	10	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.000	25	73	53	7	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2846331	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	3	83	307	4	Standard
⌊	**Pb**	**208**	**-0.009**	ug/L	0.000	2	1932	824	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:21:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1067583	1	Standard
⌊	**Be**	**9**	**50.211**	ug/L	0.603	1	4	322215	0	Standard
	C	**13**		ug/L			30456	28347	0	Standard
	Cl	**37**		ug/L			6901546	7473341	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1450081	2	Standard
⌈	**V**	**51**	**49.857**	ug/L	1.014	2	7633	1582461	0	Standard
⌊	**V-1**	**51**	**49.999**	ug/L	0.920	1	424	1597947	0	Standard
⌈	**Cr**	**52**	**50.452**	ug/L	1.015	2	22604	1388999	0	Standard
⌊	**Cr**	**53**	**50.888**	ug/L	0.666	1	248	161909	1	Standard
⌈	**Fe**	**54**	**5020.646**	ug/L	129.599	2	109957	15586037	0	Standard
⌊	**Fe**	**57**	**4939.096**	ug/L	135.448	2	21890	5738350	0	Standard
⌊	**Mn**	**55**	**50.530**	ug/L	0.600	1	1100	2078583	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	97083	1	KED
⌈	**Co**	**59**	**50.923**	ug/L	0.865	1	8	294442	1	KED
⌊	**Ni**	**60**	**51.053**	ug/L	0.539	1	63	85475	1	KED
⌈	**Ni**	**62**	**51.004**	ug/L	0.865	1	15	13971	2	KED
⌈	**Cu**	**63**	**51.212**	ug/L	0.489	0	220	250951	1	KED
⌊	**Cu**	**65**	**51.321**	ug/L	0.936	1	102	124971	2	KED
⌈	**Zn**	**66**	**51.469**	ug/L	0.280	0	217	35751	1	KED
⌊	**Zn**	**67**	**51.242**	ug/L	1.899	3	33	5898	5	KED
⌈	**As**	**75**	**50.049**	ug/L	0.295	0	4	17458	2	KED
⌊	**Se**	**78**	**50.260**	ug/L	1.342	2	14	1962	2	KED
	Y	**89**		ug/L			787121	745349	2	Standard
	Kr	**83**		ug/L			329	344	8	Standard
⌈>	**In-1**	**115**		ug/L			30151	28497	1	KED
⌈	**Mo**	**98**	**48.062**	ug/L	0.902	1	4	90273	0	KED
⌈	**Cd**	**111**	**49.370**	ug/L	1.167	2	3	21024	1	KED
⌊	**Cd**	**114**	**49.024**	ug/L	0.999	2	4	54068	1	KED
⌈>	**In**	**115**		ug/L			1531029	1462870	1	Standard
⌈	**Ag**	**107**	**51.150**	ug/L	1.196	2	86	897223	1	Standard
⌈	**Sb**	**121**	**49.114**	ug/L	0.362	0	67	1068387	1	Standard
⌊	**Sb**	**123**	**50.240**	ug/L	0.588	1	51	835412	0	Standard
⌈	**Ba**	**135**	**50.273**	ug/L	0.552	1	44	386157	0	Standard
⌊	**Ba**	**137**	**49.872**	ug/L	0.617	1	73	676720	0	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2907364	0	Standard
⌈	**Tl**	**205**	**50.947**	ug/L	0.402	0	83	4766898	1	Standard
⌊	**Pb**	**208**	**50.331**	ug/L	0.288	0	1932	6163359	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:29:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1088197	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	58	4	7	25	Standard
	C	**13**		ug/L			30456	28084	0	Standard
	Cl	**37**		ug/L			6901546	7083003	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1456864	0	Standard
⌈	**V**	**51**	**0.002**	ug/L	0.002	81	7633	7367	0	Standard
⌊	**V-1**	**51**	**-0.003**	ug/L	0.000	15	424	321	3	Standard
⌈	**Cr**	**52**	**0.007**	ug/L	0.006	76	22604	21792	0	Standard
⌊	**Cr**	**53**	**-0.009**	ug/L	0.001	7	248	209	1	Standard
⌈	**Fe**	**54**	**-0.240**	ug/L	0.515	214	109957	104276	1	Standard
⌊	**Fe**	**57**	**2.282**	ug/L	0.236	10	21890	23563	1	Standard
⌊	**Mn**	**55**	**-0.006**	ug/L	0.001	16	1100	795	5	Standard
⌈>	**Ge**	**72**		ug/L			100487	97542	0	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	36	8	2	86	KED
⌊	**Ni**	**60**	**-0.016**	ug/L	0.003	18	63	34	14	KED
⌈	**Ni**	**62**	**-0.024**	ug/L	0.008	33	15	8	24	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.006	617	220	219	12	KED
⌊	**Cu**	**65**	**0.002**	ug/L	0.005	269	102	104	12	KED
⌈	**Zn**	**66**	**-0.152**	ug/L	0.004	2	217	106	2	KED
⌊	**Zn**	**67**	**-0.102**	ug/L	0.067	65	33	20	37	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.004	782	4	4	35	KED
⌊	**Se**	**78**	**-0.070**	ug/L	0.052	74	14	11	17	KED
	Y	**89**		ug/L			787121	744028	1	Standard
	Kr	**83**		ug/L			329	319	16	Standard
⌈>	**In-1**	**115**		ug/L			30151	27544	3	KED
⌈	**Mo**	**98**	**0.009**	ug/L	0.006	73	4	19	54	KED
⌈	**Cd**	**111**	**0.006**	ug/L	0.005	81	3	5	33	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.004	1993	4	3	106	KED
⌈>	**In**	**115**		ug/L			1531029	1456543	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	29	86	120	10	Standard
⌈	**Sb**	**121**	**0.055**	ug/L	0.001	2	67	1262	3	Standard
⌊	**Sb**	**123**	**0.059**	ug/L	0.004	7	51	1022	7	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	134	44	37	17	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	67	73	55	18	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2838771	2	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	7	83	325	7	Standard
⌊	**Pb**	**208**	**-0.009**	ug/L	0.000	5	1932	862	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:36:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1073119	2	Standard
⌊	**Be**	**9**	**0.210**	ug/L	0.011	5	4	1358	3	Standard
	C	**13**		ug/L			30456	35797	2	Standard
	Cl	**37**		ug/L			6901546	6997099	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1452669	0	Standard
⌈	**V**	**51**	**0.204**	ug/L	0.003	1	7633	13719	0	Standard
⌊	**V-1**	**51**	**0.194**	ug/L	0.003	1	424	6604	1	Standard
⌈	**Cr**	**52**	**0.525**	ug/L	0.010	1	22604	35781	0	Standard
⌊	**Cr**	**53**	**0.481**	ug/L	0.015	3	248	1768	3	Standard
⌈	**Fe**	**54**	**35.746**	ug/L	0.347	0	109957	215192	0	Standard
⌊	**Fe**	**57**	**38.360**	ug/L	0.083	0	21890	65353	0	Standard
⌊	**Mn**	**55**	**0.484**	ug/L	0.005	1	1100	20984	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	97676	0	KED
⌈	**Co**	**59**	**0.202**	ug/L	0.007	3	8	1185	3	KED
⌊	**Ni**	**60**	**0.472**	ug/L	0.031	6	63	857	6	KED
⌈	**Ni**	**62**	**0.398**	ug/L	0.058	14	15	125	12	KED
⌈	**Cu**	**63**	**0.469**	ug/L	0.024	5	220	2527	4	KED
⌊	**Cu**	**65**	**0.474**	ug/L	0.020	4	102	1260	4	KED
⌈	**Zn**	**66**	**5.924**	ug/L	0.068	1	217	4327	0	KED
⌊	**Zn**	**67**	**5.529**	ug/L	0.313	5	33	668	4	KED
⌈	**As**	**75**	**0.195**	ug/L	0.011	5	4	72	4	KED
⌊	**Se**	**78**	**0.586**	ug/L	0.065	11	14	37	6	KED
	Y	**89**		ug/L			787121	752968	0	Standard
	Kr	**83**		ug/L			329	307	5	Standard
⌈>	**In-1**	**115**		ug/L			30151	27886	1	KED
⌈	**Mo**	**98**	**0.172**	ug/L	0.007	4	4	321	5	KED
⌈	**Cd**	**111**	**0.085**	ug/L	0.014	16	3	38	15	KED
⌊	**Cd**	**114**	**0.117**	ug/L	0.003	2	4	130	1	KED
⌈>	**In**	**115**		ug/L			1531029	1476529	1	Standard
⌈	**Ag**	**107**	**0.194**	ug/L	0.003	1	86	3509	0	Standard
⌈	**Sb**	**121**	**0.202**	ug/L	0.005	2	67	4493	1	Standard
⌊	**Sb**	**123**	**0.205**	ug/L	0.008	3	51	3485	3	Standard
⌈	**Ba**	**135**	**0.473**	ug/L	0.018	3	44	3710	2	Standard
⌊	**Ba**	**137**	**0.462**	ug/L	0.012	2	73	6390	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2848206	1	Standard
⌈	**Tl**	**205**	**0.198**	ug/L	0.002	1	83	18270	0	Standard
⌊	**Pb**	**208**	**0.092**	ug/L	0.002	2	1932	12980	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:43:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1092677	3	Standard
[	**Be**	**9**	**0.002**	ug/L	0.001	46	4	18	33	Standard
	C	**13**		ug/L			30456	146759	1	Standard
	Cl	**37**		ug/L			6901546	15245417	3	Standard
[>	**Sc**	**45**		ug/L			1525311	1526216	1	Standard
[	**V**	**51**	**-0.011**	ug/L	0.033	316	7633	7297	16	Standard
[	**V-1**	**51**	**2.448**	ug/L	0.010	0	424	82761	1	Standard
[	**Cr**	**52**	**0.551**	ug/L	0.020	3	22604	38342	1	Standard
[	**Cr**	**53**	**8.438**	ug/L	0.125	1	248	28465	0	Standard
[	**Fe**	**54**	**20251.408**	ug/L	153.828	0	109957	65860645	1	Standard
[	**Fe**	**57**	**21143.509**	ug/L	312.479	1	21890	25792235	1	Standard
[	**Mn**	**55**	**0.064**	ug/L	0.002	3	1100	3887	0	Standard
[>	**Ge**	**72**		ug/L			100487	97411	1	KED
[	**Co**	**59**	**0.038**	ug/L	0.002	4	8	231	5	KED
[	**Ni**	**60**	**0.029**	ug/L	0.003	8	63	110	4	KED
[	**Ni**	**62**	**0.079**	ug/L	0.061	78	15	36	44	KED
[	**Cu**	**63**	**0.018**	ug/L	0.005	26	220	302	8	KED
[	**Cu**	**65**	**0.026**	ug/L	0.005	17	102	163	8	KED
[	**Zn**	**66**	**0.119**	ug/L	0.065	54	217	293	16	KED
[	**Zn**	**67**	**0.130**	ug/L	0.006	4	33	46	2	KED
[	**As**	**75**	**0.021**	ug/L	0.007	35	4	11	22	KED
[	**Se**	**78**	**0.031**	ug/L	0.033	106	14	15	9	KED
	Y	**89**		ug/L			787121	751337	1	Standard
	Kr	**83**		ug/L			329	402	4	Standard
[>	**In-1**	**115**		ug/L			30151	28309	1	KED
[	**Mo**	**98**	**395.488**	ug/L	5.950	1	4	737929	0	KED
[	**Cd**	**111**	**0.100**	ug/L	0.004	3	3	45	2	KED
[	**Cd**	**114**	**0.052**	ug/L	0.008	15	4	61	15	KED
[>	**In**	**115**		ug/L			1531029	1501934	3	Standard
[	**Ag**	**107**	**0.009**	ug/L	0.001	11	86	247	8	Standard
[	**Sb**	**121**	**0.014**	ug/L	0.002	10	67	385	11	Standard
[	**Sb**	**123**	**0.016**	ug/L	0.002	9	51	314	4	Standard
[	**Ba**	**135**	**0.037**	ug/L	0.004	11	44	335	9	Standard
[	**Ba**	**137**	**0.031**	ug/L	0.002	5	73	497	7	Standard
[>	**Tb**	**159**		ug/L			2910281	3029881	0	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	16	83	340	12	Standard
[	**Pb**	**208**	**0.000**	ug/L	0.000	74	1932	2058	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:47:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1093518	1	Standard
[	**Be**	**9**	**0.002**	ug/L	0.000	26	4	15	18	Standard
	C	**13**		ug/L			30456	138419	1	Standard
	Cl	**37**		ug/L			6901546	15322414	0	Standard
[>	**Sc**	**45**		ug/L			1525311	1500310	2	Standard
[	**V**	**51**	**-0.262**	ug/L	0.138	52	7633	-995	452	Standard
[	**V-1**	**51**	**2.584**	ug/L	0.021	0	424	85858	1	Standard
[	**Cr**	**52**	**20.491**	ug/L	0.136	0	22604	597132	2	Standard
[	**Cr**	**53**	**28.901**	ug/L	0.350	1	248	95251	0	Standard
[	**Fe**	**54**	**20416.427**	ug/L	484.942	2	109957	65256323	1	Standard
[	**Fe**	**57**	**21360.181**	ug/L	365.962	1	21890	25611526	0	Standard
[	**Mn**	**55**	**20.078**	ug/L	0.591	2	1100	855135	2	Standard
[>	**Ge**	**72**		ug/L			100487	97652	1	KED
[	**Co**	**59**	**20.852**	ug/L	0.159	0	8	121294	1	KED
[	**Ni**	**60**	**20.864**	ug/L	0.048	0	63	35172	1	KED
[	**Ni**	**62**	**20.210**	ug/L	0.342	1	15	5576	1	KED
[	**Cu**	**63**	**19.853**	ug/L	0.239	1	220	97981	0	KED
[	**Cu**	**65**	**20.420**	ug/L	0.155	0	102	50072	0	KED
[	**Zn**	**66**	**19.373**	ug/L	0.505	2	217	13665	2	KED
[	**Zn**	**67**	**18.309**	ug/L	0.320	1	33	2139	2	KED
[	**As**	**75**	**19.836**	ug/L	0.243	1	4	6961	0	KED
[	**Se**	**78**	**0.051**	ug/L	0.082	158	14	16	18	KED
	Y	**89**		ug/L			787121	739093	1	Standard
	Kr	**83**		ug/L			329	445	6	Standard
[>	**In-1**	**115**		ug/L			30151	27699	1	KED
[	**Mo**	**98**	**397.347**	ug/L	5.385	1	4	725434	0	KED
[	**Cd**	**111**	**19.248**	ug/L	0.204	1	3	7970	1	KED
[	**Cd**	**114**	**19.160**	ug/L	0.329	1	4	20542	0	KED
[>	**In**	**115**		ug/L			1531029	1523431	0	Standard
[	**Ag**	**107**	**18.640**	ug/L	0.281	1	86	340614	1	Standard
[	**Sb**	**121**	**0.010**	ug/L	0.001	5	67	301	4	Standard
[	**Sb**	**123**	**0.011**	ug/L	0.001	7	51	248	5	Standard
[	**Ba**	**135**	**0.035**	ug/L	0.003	8	44	325	8	Standard
[	**Ba**	**137**	**0.031**	ug/L	0.004	14	73	515	11	Standard
[>	**Tb**	**159**		ug/L			2910281	2971292	0	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	7	83	314	5	Standard
[	**Pb**	**208**	**0.000**	ug/L	0.001	178	1932	2028	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 14:57:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1054625	1	Standard
⌊	**Be**	**9**	**196.186**	ug/L	1.991	1	4	1243713	1	Standard
	C	**13**		ug/L			30456	32716	1	Standard
	Cl	**37**		ug/L			6901546	7696776	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1405142	0	Standard
⌈	**V**	**51**	**198.121**	ug/L	2.080	1	7633	6074860	1	Standard
⌊	**V-1**	**51**	**197.480**	ug/L	2.636	1	424	6116838	1	Standard
⌈	**Cr**	**52**	**199.898**	ug/L	1.374	0	22604	5272894	0	Standard
⌊	**Cr**	**53**	**197.773**	ug/L	3.156	1	248	609261	2	Standard
⌈	**Fe**	**54**	**20117.567**	ug/L	81.963	0	109957	60237958	0	Standard
⌊	**Fe**	**57**	**20742.742**	ug/L	15.971	0	21890	23298867	0	Standard
⌊	**Mn**	**55**	**195.999**	ug/L	2.728	1	1100	7810926	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	92962	1	KED
⌈	**Co**	**59**	**205.322**	ug/L	3.998	1	8	1136630	0	KED
⌊	**Ni**	**60**	**201.528**	ug/L	2.962	1	63	322881	1	KED
⌈	**Ni**	**62**	**199.720**	ug/L	3.568	1	15	52335	1	KED
⌈	**Cu**	**63**	**195.414**	ug/L	3.268	1	220	916276	1	KED
⌊	**Cu**	**65**	**197.742**	ug/L	2.922	1	102	460750	0	KED
⌈	**Zn**	**66**	**195.723**	ug/L	4.150	2	217	129588	0	KED
⌊	**Zn**	**67**	**193.591**	ug/L	0.649	0	33	21247	1	KED
⌈	**As**	**75**	**197.421**	ug/L	1.595	0	4	65922	0	KED
⌊	**Se**	**78**	**192.841**	ug/L	2.081	1	14	7172	2	KED
	Y	**89**		ug/L			787121	699271	0	Standard
	Kr	**83**		ug/L			329	402	5	Standard
⌈>	**In-1**	**115**		ug/L			30151	26589	2	KED
⌈	**Mo**	**98**	**195.900**	ug/L	1.284	0	4	343342	1	KED
⌈	**Cd**	**111**	**193.463**	ug/L	1.746	0	3	76869	1	KED
⌊	**Cd**	**114**	**191.020**	ug/L	3.749	1	4	196543	1	KED
⌈>	**In**	**115**		ug/L			1531029	1418486	0	Standard
⌈	**Ag**	**107**	**189.199**	ug/L	0.684	0	86	3218431	1	Standard
⌈	**Sb**	**121**	**193.721**	ug/L	2.300	1	67	4085930	1	Standard
⌊	**Sb**	**123**	**197.823**	ug/L	4.390	2	51	3189676	2	Standard
⌈	**Ba**	**135**	**195.233**	ug/L	1.796	0	44	1454047	0	Standard
⌊	**Ba**	**137**	**195.314**	ug/L	2.864	1	73	2569670	0	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2835733	1	Standard
⌈	**Tl**	**205**	**193.500**	ug/L	1.630	0	83	17657374	0	Standard
⌊	**Pb**	**208**	**192.058**	ug/L	2.042	1	1932	22933232	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:01:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1019542	2	Standard
⌊	**Be**	**9**	**294.503**	ug/L	8.591	2	4	1804058	0	Standard
	C	**13**		ug/L			30456	34307	1	Standard
	Cl	**37**		ug/L			6901546	7555971	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1354689	2	Standard
⌈	**V**	**51**	**298.180**	ug/L	3.403	1	7633	8809601	1	Standard
⌈	**V-1**	**51**	**299.222**	ug/L	2.846	0	424	8933694	1	Standard
⌈	**Cr**	**52**	**300.475**	ug/L	7.649	2	22604	7628451	0	Standard
⌈	**Cr**	**53**	**303.744**	ug/L	5.728	1	248	901699	0	Standard
⌈	**Fe**	**54**	**30538.251**	ug/L	981.683	3	109957	88068462	1	Standard
⌈	**Fe**	**57**	**31798.192**	ug/L	727.820	2	21890	34412266	0	Standard
⌊	**Mn**	**55**	**299.182**	ug/L	6.288	2	1100	11491581	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	89837	1	KED
⌈	**Co**	**59**	**309.820**	ug/L	3.250	1	8	1657734	1	KED
⌈	**Ni**	**60**	**300.756**	ug/L	3.794	1	63	465670	1	KED
⌈	**Ni**	**62**	**296.806**	ug/L	3.446	1	15	75163	1	KED
⌈	**Cu**	**63**	**289.515**	ug/L	4.324	1	220	1311851	1	KED
⌈	**Cu**	**65**	**294.629**	ug/L	3.418	1	102	663411	0	KED
⌈	**Zn**	**66**	**283.472**	ug/L	2.736	0	217	181318	0	KED
⌈	**Zn**	**67**	**281.336**	ug/L	3.236	1	33	29823	0	KED
⌈	**As**	**75**	**300.506**	ug/L	4.266	1	4	96964	0	KED
⌊	**Se**	**78**	**286.501**	ug/L	5.030	1	14	10289	0	KED
	Y	**89**		ug/L			787121	676595	1	Standard
	Kr	**83**		ug/L			329	471	7	Standard
⌈>	**In-1**	**115**		ug/L			30151	25144	0	KED
⌈	**Mo**	**98**	**303.321**	ug/L	4.209	1	4	502752	1	KED
⌈	**Cd**	**111**	**293.831**	ug/L	1.258	0	3	110415	0	KED
⌊	**Cd**	**114**	**293.853**	ug/L	1.797	0	4	285993	1	KED
⌈>	**In**	**115**		ug/L			1531029	1327834	2	Standard
⌈	**Ag**	**107**	**283.224**	ug/L	6.162	2	86	4508907	2	Standard
⌈	**Sb**	**121**	**291.991**	ug/L	10.299	3	67	5761786	1	Standard
⌈	**Sb**	**123**	**290.075**	ug/L	4.099	1	51	4377481	1	Standard
⌈	**Ba**	**135**	**310.954**	ug/L	7.138	2	44	2167228	0	Standard
⌊	**Ba**	**137**	**300.006**	ug/L	12.352	4	73	3692583	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2729259	2	Standard
⌈	**Tl**	**205**	**293.631**	ug/L	7.245	2	83	25781508	1	Standard
⌊	**Pb**	**208**	**291.044**	ug/L	4.766	1	1932	33441362	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:09:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1074153	3	Standard
⌊	**Be**	**9**	**0.003**	ug/L	0.001	35	4	25	26	Standard
	C	**13**		ug/L			30456	32591	1	Standard
	Cl	**37**		ug/L			6901546	7302753	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1411743	1	Standard
⌈	**V**	**51**	**0.015**	ug/L	0.010	67	7633	7537	3	Standard
⌊	**V-1**	**51**	**0.029**	ug/L	0.001	4	424	1289	2	Standard
⌈	**Cr**	**52**	**0.056**	ug/L	0.028	49	22604	22388	2	Standard
⌊	**Cr**	**53**	**0.097**	ug/L	0.004	3	248	532	3	Standard
⌈	**Fe**	**54**	**1.495**	ug/L	1.162	77	109957	106239	2	Standard
⌊	**Fe**	**57**	**1.390**	ug/L	0.689	49	21890	21821	2	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.002	421	1100	999	6	Standard
⌈>	**Ge**	**72**		ug/L			100487	94677	4	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	16	8	2	43	KED
⌊	**Ni**	**60**	**-0.011**	ug/L	0.002	13	63	41	7	KED
⌈	**Ni**	**62**	**-0.001**	ug/L	0.022	1509	15	14	41	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.003	110673	220	208	8	KED
⌊	**Cu**	**65**	**0.002**	ug/L	0.005	311	102	100	7	KED
⌈	**Zn**	**66**	**-0.119**	ug/L	0.053	44	217	124	25	KED
⌊	**Zn**	**67**	**-0.085**	ug/L	0.072	84	33	21	36	KED
⌈	**As**	**75**	**0.003**	ug/L	0.008	280	4	5	55	KED
⌊	**Se**	**78**	**0.058**	ug/L	0.025	43	14	16	2	KED
	Y	**89**		ug/L			787121	724410	0	Standard
	Kr	**83**		ug/L			329	333	3	Standard
⌈>	**In-1**	**115**		ug/L			30151	27232	1	KED
⌈	**Mo**	**98**	**0.029**	ug/L	0.002	6	4	56	7	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.011	194	3	5	81	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.004	105	4	7	50	KED
⌈>	**In**	**115**		ug/L			1531029	1432050	1	Standard
⌈	**Ag**	**107**	**0.007**	ug/L	0.000	6	86	202	3	Standard
⌈	**Sb**	**121**	**0.209**	ug/L	0.005	2	67	4506	1	Standard
⌊	**Sb**	**123**	**0.211**	ug/L	0.007	3	51	3476	2	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.001	73	44	56	18	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.001	42	73	105	13	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2788335	0	Standard
⌈	**Tl**	**205**	**0.015**	ug/L	0.000	2	83	1438	2	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	1	1932	1138	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:15:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1088851	2	Standard
⌊	**Be**	**9**	**0.004**	ug/L	0.001	17	4	27	14	Standard
	C	**13**		ug/L			30456	31918	1	Standard
	Cl	**37**		ug/L			6901546	7234676	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1398528	1	Standard
⌈	**V**	**51**	**0.015**	ug/L	0.004	24	7633	7457	2	Standard
⌊	**V-1**	**51**	**0.024**	ug/L	0.002	6	424	1122	5	Standard
⌈	**Cr**	**52**	**0.067**	ug/L	0.003	3	22604	22473	1	Standard
⌊	**Cr**	**53**	**0.093**	ug/L	0.007	7	248	513	3	Standard
⌈	**Fe**	**54**	**2.751**	ug/L	0.747	27	109957	108979	0	Standard
⌊	**Fe**	**57**	**4.663**	ug/L	0.425	9	21890	25276	1	Standard
⌊	**Mn**	**55**	**0.046**	ug/L	0.001	2	1100	2833	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	94685	0	KED
⌈	**Co**	**59**	**0.002**	ug/L	0.002	64	8	21	39	KED
⌊	**Ni**	**60**	**0.030**	ug/L	0.008	26	63	109	11	KED
⌈	**Ni**	**62**	**-0.013**	ug/L	0.013	96	15	11	28	KED
⌊	**Cu**	**63**	**0.087**	ug/L	0.012	14	220	623	8	KED
⌈	**Cu**	**65**	**0.066**	ug/L	0.012	17	102	254	10	KED
⌊	**Zn**	**66**	**0.543**	ug/L	0.041	7	217	570	4	KED
⌈	**Zn**	**67**	**0.501**	ug/L	0.097	19	33	86	12	KED
⌊	**As**	**75**	**0.002**	ug/L	0.002	70	4	4	11	KED
⌊	**Se**	**78**	**-0.083**	ug/L	0.069	82	14	10	23	KED
	Y	**89**		ug/L			787121	722668	1	Standard
	Kr	**83**		ug/L			329	295	7	Standard
⌈>	**In-1**	**115**		ug/L			30151	27192	1	KED
⌈	**Mo**	**98**	**0.009**	ug/L	0.004	42	4	20	33	KED
⌊	**Cd**	**111**	**0.007**	ug/L	0.004	53	3	6	24	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.006	274	4	5	96	KED
⌈>	**In**	**115**		ug/L			1531029	1459627	1	Standard
⌈	**Ag**	**107**	**0.003**	ug/L	0.002	44	86	141	17	Standard
⌊	**Sb**	**121**	**0.071**	ug/L	0.002	3	67	1611	4	Standard
⌈	**Sb**	**123**	**0.077**	ug/L	0.002	2	51	1319	0	Standard
⌊	**Ba**	**135**	**0.044**	ug/L	0.005	12	44	379	10	Standard
⌊	**Ba**	**137**	**0.045**	ug/L	0.005	12	73	680	11	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2786790	0	Standard
⌈	**Tl**	**205**	**0.008**	ug/L	0.000	6	83	787	6	Standard
⌊	**Pb**	**208**	**0.033**	ug/L	0.000	1	1932	5713	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:22:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1093157	0	Standard
	Be	**9**	**51.426**	ug/L	0.492	0	4	337938	0	Standard
	C	**13**		ug/L			30456	28399	1	Standard
	Cl	**37**		ug/L			6901546	7578331	0	Standard
>	**Sc**	**45**		ug/L			1525311	1439004	1	Standard
	V	**51**	**50.078**	ug/L	0.416	0	7633	1577957	1	Standard
	V-1	**51**	**50.314**	ug/L	0.440	0	424	1596310	1	Standard
	Cr	**52**	**50.836**	ug/L	0.446	0	22604	1389065	0	Standard
	Cr	**53**	**51.568**	ug/L	0.968	1	248	162833	1	Standard
	Fe	**54**	**5082.016**	ug/L	168.546	3	109957	15657553	2	Standard
	Fe	**57**	**5044.312**	ug/L	70.844	1	21890	5817423	0	Standard
	Mn	**55**	**51.379**	ug/L	0.877	1	1100	2097482	0	Standard
>	**Ge**	**72**		ug/L			100487	96130	1	KED
	Co	**59**	**50.208**	ug/L	0.500	0	8	287455	0	KED
	Ni	**60**	**50.091**	ug/L	0.375	0	63	83040	1	KED
	Ni	**62**	**50.136**	ug/L	0.547	1	15	13597	1	KED
	Cu	**63**	**50.430**	ug/L	0.389	0	220	244710	1	KED
	Cu	**65**	**50.818**	ug/L	0.475	0	102	122527	0	KED
	Zn	**66**	**50.880**	ug/L	0.736	1	217	34992	0	KED
	Zn	**67**	**50.981**	ug/L	0.827	1	33	5808	1	KED
	As	**75**	**49.746**	ug/L	0.165	0	4	17181	1	KED
	Se	**78**	**50.348**	ug/L	0.120	0	14	1946	1	KED
	Y	**89**		ug/L			787121	741693	0	Standard
	Kr	**83**		ug/L			329	344	5	Standard
>	**In-1**	**115**		ug/L			30151	27336	0	KED
	Mo	**98**	**49.118**	ug/L	0.632	1	4	88513	1	KED
	Cd	**111**	**50.011**	ug/L	0.296	0	3	20433	0	KED
	Cd	**114**	**49.992**	ug/L	0.181	0	4	52898	0	KED
>	**In**	**115**		ug/L			1531029	1447836	1	Standard
	Ag	**107**	**49.532**	ug/L	0.770	1	86	860031	1	Standard
	Sb	**121**	**49.802**	ug/L	0.750	1	67	1072173	1	Standard
	Sb	**123**	**50.300**	ug/L	1.265	2	51	827737	1	Standard
	Ba	**135**	**49.494**	ug/L	1.408	2	44	376217	1	Standard
	Ba	**137**	**48.992**	ug/L	0.844	1	73	657923	0	Standard
>	**Tb**	**159**		ug/L			2910281	2877320	0	Standard
	Tl	**205**	**50.155**	ug/L	0.382	0	83	4644002	0	Standard
	Pb	**208**	**50.217**	ug/L	0.131	0	1932	6086009	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:29:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1051344	1	Standard
⌊	**Be**	**9**	**0.003**	ug/L	0.001	47	4	22	39	Standard
	C	**13**		ug/L			30456	27889	0	Standard
	Cl	**37**		ug/L			6901546	7159933	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1375480	1	Standard
⌈	**V**	**51**	**0.009**	ug/L	0.006	64	7633	7155	2	Standard
⌊	**V-1**	**51**	**0.014**	ug/L	0.001	4	424	796	2	Standard
⌈	**Cr**	**52**	**0.026**	ug/L	0.018	68	22604	21059	1	Standard
⌊	**Cr**	**53**	**0.040**	ug/L	0.004	9	248	346	3	Standard
⌈	**Fe**	**54**	**0.872**	ug/L	0.736	84	109957	101680	0	Standard
⌊	**Fe**	**57**	**2.147**	ug/L	0.218	10	21890	22096	0	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.001	10	1100	810	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	93450	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	229	8	6	69	KED
⌊	**Ni**	**60**	**-0.006**	ug/L	0.006	107	63	49	20	KED
⌈	**Ni**	**62**	**-0.022**	ug/L	0.015	68	15	8	44	KED
⌈	**Cu**	**63**	**-0.001**	ug/L	0.001	72	220	199	2	KED
⌊	**Cu**	**65**	**-0.004**	ug/L	0.005	117	102	85	13	KED
⌈	**Zn**	**66**	**-0.131**	ug/L	0.035	26	217	115	19	KED
⌊	**Zn**	**67**	**-0.071**	ug/L	0.001	0	33	22	0	KED
⌈	**As**	**75**	**0.002**	ug/L	0.006	346	4	4	45	KED
⌊	**Se**	**78**	**-0.031**	ug/L	0.044	141	14	12	13	KED
	Y	**89**		ug/L			787121	698407	1	Standard
	Kr	**83**		ug/L			329	328	1	Standard
⌈>	**In-1**	**115**		ug/L			30151	26821	1	KED
⌈	**Mo**	**98**	**0.009**	ug/L	0.003	30	4	19	23	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.004	165	3	2	65	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	1173	4	3	93	KED
⌈>	**In**	**115**		ug/L			1531029	1415983	2	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	46	86	120	17	Standard
⌈	**Sb**	**121**	**0.078**	ug/L	0.002	2	67	1694	1	Standard
⌊	**Sb**	**123**	**0.075**	ug/L	0.005	7	51	1254	8	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	77	44	33	18	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	124	73	57	23	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2731516	1	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.000	9	83	485	6	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	5	1932	1073	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: F129-3 TEST
Sample Dil Factor: DEL
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:39:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	990721	1	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	69	4	15	50	Standard
	C	**13**		ug/L			30456	252874	1	Standard
	Cl	**37**		ug/L			6901546	6856267	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1316784	1	Standard
⌈	**V**	**51**	**0.168**	ug/L	0.004	2	7633	11406	1	Standard
⌊	**V-1**	**51**	**0.029**	ug/L	0.001	4	424	1214	4	Standard
⌈	**Cr**	**52**	**0.757**	ug/L	0.023	3	22604	38160	0	Standard
⌊	**Cr**	**53**	**0.290**	ug/L	0.017	5	248	1052	3	Standard
⌈	**Fe**	**54**	**82.764**	ug/L	1.534	1	109957	326762	1	Standard
⌊	**Fe**	**57**	**552.177**	ug/L	3.460	0	21890	599599	0	Standard
⌊	**Mn**	**55**	**859.479**	ug/L	9.599	1	1100	32097875	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	83446	1	KED
⌈	**Co**	**59**	**3.749**	ug/L	0.088	2	8	18641	2	KED
⌈	**Ni**	**60**	**4.085**	ug/L	0.034	0	63	5927	0	KED
⌊	**Ni**	**62**	**4.099**	ug/L	0.173	4	15	977	4	KED
⌈	**Cu**	**63**	**1.190**	ug/L	0.025	2	220	5191	2	KED
⌊	**Cu**	**65**	**1.225**	ug/L	0.012	1	102	2647	0	KED
⌈	**Zn**	**66**	**56.188**	ug/L	0.685	1	217	33531	1	KED
⌊	**Zn**	**67**	**51.524**	ug/L	0.144	0	33	5096	1	KED
⌈	**As**	**75**	**0.017**	ug/L	0.005	29	4	8	17	KED
⌊	**Se**	**78**	**0.195**	ug/L	0.042	21	14	18	7	KED
	Y	**89**		ug/L			787121	644247	2	Standard
	Kr	**83**		ug/L			329	316	4	Standard
⌈>	**In-1**	**115**		ug/L			30151	23855	1	KED
⌈	**Mo**	**98**	**0.030**	ug/L	0.013	42	4	51	37	KED
⌈	**Cd**	**111**	**0.083**	ug/L	0.019	23	3	32	22	KED
⌊	**Cd**	**114**	**0.074**	ug/L	0.020	27	4	72	26	KED
⌈>	**In**	**115**		ug/L			1531029	1406111	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	667	86	80	11	Standard
⌈	**Sb**	**121**	**0.028**	ug/L	0.001	4	67	657	4	Standard
⌊	**Sb**	**123**	**0.030**	ug/L	0.001	2	51	534	3	Standard
⌈	**Ba**	**135**	**7.037**	ug/L	0.048	0	44	51997	1	Standard
⌊	**Ba**	**137**	**6.808**	ug/L	0.004	0	73	88860	0	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2704547	0	Standard
⌈	**Tl**	**205**	**0.014**	ug/L	0.001	7	83	1255	6	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.000	5	1932	1335	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0290-02
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:47:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1039010	2	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	19	4	25	15	Standard
	C	**13**		ug/L			30456	38602	0	Standard
	Cl	**37**		ug/L			6901546	7154870	0	Standard
[>	**Sc**	**45**		ug/L			1525311	1464354	0	Standard
[	**V**	**51**	**0.020**	ug/L	0.005	26	7633	7963	1	Standard
[	**V-1**	**51**	**0.081**	ug/L	0.002	2	424	3032	1	Standard
[	**Cr**	**52**	**-0.032**	ug/L	0.015	46	22604	20816	2	Standard
[	**Cr**	**53**	**0.167**	ug/L	0.011	6	248	775	5	Standard
[	**Fe**	**54**	**3968.813**	ug/L	55.964	1	109957	12468979	1	Standard
[	**Fe**	**57**	**4057.696**	ug/L	96.806	2	21890	4766143	1	Standard
[	**Mn**	**55**	**178.663**	ug/L	3.122	1	1100	7419980	1	Standard
[>	**Ge**	**72**		ug/L			100487	95974	2	KED
[	**Co**	**59**	**0.212**	ug/L	0.008	3	8	1221	1	KED
[	**Ni**	**60**	**0.412**	ug/L	0.031	7	63	741	4	KED
[	**Ni**	**62**	**0.394**	ug/L	0.044	11	15	121	10	KED
[	**Cu**	**63**	**0.051**	ug/L	0.003	5	220	459	4	KED
[	**Cu**	**65**	**0.061**	ug/L	0.006	9	102	243	3	KED
[	**Zn**	**66**	**0.393**	ug/L	0.012	3	217	476	0	KED
[	**Zn**	**67**	**0.551**	ug/L	0.103	18	33	93	13	KED
[	**As**	**75**	**0.062**	ug/L	0.013	21	4	25	15	KED
[	**Se**	**78**	**-0.026**	ug/L	0.075	286	14	13	21	KED
	Y	**89**		ug/L			787121	727256	1	Standard
	Kr	**83**		ug/L			329	306	14	Standard
[>	**In-1**	**115**		ug/L			30151	26795	1	KED
[	**Mo**	**98**	**0.038**	ug/L	0.009	23	4	71	19	KED
[	**Cd**	**111**	**0.006**	ug/L	0.004	60	3	5	28	KED
[	**Cd**	**114**	**-0.000**	ug/L	0.004	771	4	3	114	KED
[>	**In**	**115**		ug/L			1531029	1573093	0	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.001	151	86	97	14	Standard
[	**Sb**	**121**	**0.026**	ug/L	0.001	4	67	671	3	Standard
[	**Sb**	**123**	**0.028**	ug/L	0.002	5	51	547	5	Standard
[	**Ba**	**135**	**1.654**	ug/L	0.023	1	44	13708	1	Standard
[	**Ba**	**137**	**1.616**	ug/L	0.027	1	73	23660	1	Standard
[>	**Tb**	**159**		ug/L			2910281	2906426	1	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	23	83	262	14	Standard
[	**Pb**	**208**	**0.006**	ug/L	0.000	5	1932	2641	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0255-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 23, 2021 15:54:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1107873	1118594	2	Standard
⌊	Be	9	0.007	ug/L	0.002	22	4	52	18	Standard
	C	13		ug/L			30456	134729	1	Standard
	Cl	37		ug/L			6901546	29008307	2	Standard
⌈>	Sc	45		ug/L			1525311	1472834	0	Standard
⌈	V	51	-0.017	ug/L	0.079	454	7633	6818	37	Standard
⌊	V-1	51	9.545	ug/L	0.025	0	424	310258	0	Standard
⌈	Cr	52	0.956	ug/L	0.045	4	22604	48154	2	Standard
⌊	Cr	53	31.677	ug/L	0.370	1	248	102479	1	Standard
⌈	Fe	54	169.648	ug/L	1.034	0	109957	637727	0	Standard
⌊	Fe	57	164.086	ug/L	2.437	1	21890	214149	1	Standard
⌊	Mn	55	143.157	ug/L	2.703	1	1100	5980260	1	Standard
⌈>	Ge	72		ug/L			100487	88409	0	KED
⌈	Co	59	0.387	ug/L	0.020	5	8	2047	5	KED
⌊	Ni	60	3.849	ug/L	0.041	1	63	5919	0	KED
⌈	Ni	62	4.472	ug/L	0.401	8	15	1127	8	KED
⌊	Cu	63	223.883	ug/L	2.132	0	220	998407	0	KED
⌈	Cu	65	225.888	ug/L	3.074	1	102	500580	0	KED
⌊	Zn	66	111.977	ug/L	1.479	1	217	70603	1	KED
⌈	Zn	67	103.290	ug/L	3.606	3	33	10792	2	KED
⌊	As	75	0.311	ug/L	0.022	6	4	102	7	KED
⌈	Se	78	0.382	ug/L	0.099	26	14	26	12	KED
	Y	89		ug/L			787121	707740	2	Standard
	Kr	83		ug/L			329	953	1	Standard
⌈>	In-1	115		ug/L			30151	24659	0	KED
⌈	Mo	98	2.374	ug/L	0.013	0	4	3862	0	KED
⌊	Cd	111	0.012	ug/L	0.008	68	3	7	41	KED
⌊	Cd	114	0.017	ug/L	0.008	48	4	19	39	KED
⌈>	In	115		ug/L			1531029	1270869	1	Standard
⌈	Ag	107	0.413	ug/L	0.004	0	86	6367	1	Standard
⌊	Sb	121	0.922	ug/L	0.008	0	67	17484	0	Standard
⌈	Sb	123	0.927	ug/L	0.012	1	51	13436	0	Standard
⌊	Ba	135	11.754	ug/L	0.292	2	44	78461	1	Standard
⌊	Ba	137	11.514	ug/L	0.359	3	73	135759	2	Standard
⌈>	Tb	159		ug/L			2910281	2761973	0	Standard
⌈	Tl	205	0.112	ug/L	0.001	1	83	10054	1	Standard
⌊	Pb	208	0.169	ug/L	0.003	1	1932	21490	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0277-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:05:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1124007	3	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.000	20	4	15	12	Standard
	C	**13**		ug/L			30456	50532	1	Standard
	Cl	**37**		ug/L			6901546	8138913	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1498833	1	Standard
⌈	**V**	**51**	**-0.514**	ug/L	0.092	17	7633	-9243	31	Standard
⌊	**V-1**	**51**	**0.227**	ug/L	0.002	1	424	7923	1	Standard
⌈	**Cr**	**52**	**69.345**	ug/L	1.625	2	22604	1965226	1	Standard
⌊	**Cr**	**53**	**69.225**	ug/L	1.837	2	248	227560	1	Standard
⌈	**Fe**	**54**	**369.054**	ug/L	5.236	1	109957	1284667	0	Standard
⌊	**Fe**	**57**	**381.606**	ug/L	6.372	1	21890	478247	0	Standard
⌊	**Mn**	**55**	**23.178**	ug/L	0.187	0	1100	986276	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	98149	0	KED
⌈	**Co**	**59**	**0.101**	ug/L	0.009	8	8	601	8	KED
⌊	**Ni**	**60**	**2.829**	ug/L	0.073	2	63	4847	3	KED
⌈	**Ni**	**62**	**2.811**	ug/L	0.101	3	15	793	3	KED
⌈	**Cu**	**63**	**2.856**	ug/L	0.058	2	220	14353	1	KED
⌊	**Cu**	**65**	**2.853**	ug/L	0.057	2	102	7117	2	KED
⌈	**Zn**	**66**	**91.443**	ug/L	1.116	1	217	64046	0	KED
⌊	**Zn**	**67**	**85.715**	ug/L	1.224	1	33	9949	0	KED
⌈	**As**	**75**	**0.119**	ug/L	0.007	5	4	46	5	KED
⌊	**Se**	**78**	**-0.051**	ug/L	0.045	87	14	12	13	KED
	Y	**89**		ug/L			787121	742764	1	Standard
	Kr	**83**		ug/L			329	298	10	Standard
⌈>	**In-1**	**115**		ug/L			30151	28193	1	KED
⌈	**Mo**	**98**	**0.433**	ug/L	0.027	6	4	809	7	KED
⌈	**Cd**	**111**	**0.093**	ug/L	0.009	9	3	42	7	KED
⌊	**Cd**	**114**	**0.098**	ug/L	0.016	15	4	111	17	KED
⌈>	**In**	**115**		ug/L			1531029	1514727	1	Standard
⌈	**Ag**	**107**	**0.023**	ug/L	0.002	10	86	502	9	Standard
⌈	**Sb**	**121**	**0.086**	ug/L	0.002	2	67	2009	3	Standard
⌊	**Sb**	**123**	**0.089**	ug/L	0.002	1	51	1587	2	Standard
⌈	**Ba**	**135**	**1.900**	ug/L	0.053	2	44	15151	1	Standard
⌊	**Ba**	**137**	**1.845**	ug/L	0.026	1	73	25999	0	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2920256	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	5	83	231	2	Standard
⌊	**Pb**	**208**	**0.301**	ug/L	0.005	1	1932	38927	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:13:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1128128	1	Standard
	Be	9	0.000	ug/L	0.000	118	4	6	41	Standard
	C	13		ug/L			30456	40894	0	Standard
	Cl	37		ug/L			6901546	8227163	1	Standard
>	Sc	45		ug/L			1525311	1420481	2	Standard
	V	51	0.016	ug/L	0.005	29	7633	7612	1	Standard
	V-1	51	0.058	ug/L	0.003	4	424	2220	3	Standard
	Cr	52	0.151	ug/L	0.014	9	22604	25053	0	Standard
	Cr	53	0.281	ug/L	0.020	6	248	1106	5	Standard
	Fe	54	1.409	ug/L	0.344	24	109957	106643	1	Standard
	Fe	57	0.991	ug/L	0.276	27	21890	21506	0	Standard
	Mn	55	0.357	ug/L	0.005	1	1100	15411	2	Standard
>	Ge	72		ug/L			100487	95390	1	KED
	Co	59	-0.001	ug/L	0.000	62	8	5	43	KED
	Ni	60	-0.005	ug/L	0.002	42	63	52	7	KED
	Ni	62	0.036	ug/L	0.015	42	15	24	15	KED
	Cu	63	0.002	ug/L	0.008	439	220	217	15	KED
	Cu	65	-0.006	ug/L	0.004	69	102	83	12	KED
	Zn	66	0.046	ug/L	0.033	72	217	237	8	KED
	Zn	67	0.044	ug/L	0.092	209	33	36	27	KED
	As	75	-0.002	ug/L	0.004	173	4	3	34	KED
	Se	78	-0.079	ug/L	0.063	79	14	11	22	KED
	Y	89		ug/L			787121	730245	1	Standard
	Kr	83		ug/L			329	308	2	Standard
>	In-1	115		ug/L			30151	27782	1	KED
	Mo	98	0.008	ug/L	0.003	33	4	18	25	KED
	Cd	111	0.001	ug/L	0.003	538	3	3	41	KED
	Cd	114	0.000	ug/L	0.002	11766	4	3	52	KED
>	In	115		ug/L			1531029	1511577	2	Standard
	Ag	107	0.012	ug/L	0.001	11	86	309	9	Standard
	Sb	121	0.015	ug/L	0.001	5	67	394	5	Standard
	Sb	123	0.016	ug/L	0.001	3	51	333	1	Standard
	Ba	135	0.003	ug/L	0.001	44	44	68	16	Standard
	Ba	137	0.002	ug/L	0.001	52	73	104	13	Standard
>	Tb	159		ug/L			2910281	2835021	2	Standard
	Tl	205	0.001	ug/L	0.000	12	83	155	7	Standard
	Pb	208	-0.011	ug/L	0.001	5	1932	600	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:17:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1091335	0	Standard
	Be	9	25.449	ug/L	0.303	1	4	166966	1	Standard
	C	13		ug/L			30456	44666	1	Standard
	Cl	37		ug/L			6901546	7975748	0	Standard
>	Sc	45		ug/L			1525311	1455040	0	Standard
	V	51	24.594	ug/L	0.498	2	7633	787242	1	Standard
	V-1	51	24.643	ug/L	0.516	2	424	790725	1	Standard
	Cr	52	25.260	ug/L	0.108	0	22604	708792	0	Standard
	Cr	53	25.394	ug/L	0.175	0	248	81207	0	Standard
	Fe	54	5209.119	ug/L	36.278	0	109957	16229472	0	Standard
	Fe	57	5173.993	ug/L	56.624	1	21890	6033570	0	Standard
	Mn	55	26.157	ug/L	0.402	1	1100	1080393	1	Standard
>	Ge	72		ug/L			100487	97535	1	KED
	Co	59	25.517	ug/L	0.401	1	8	148233	1	KED
	Ni	60	25.365	ug/L	0.150	0	63	42695	0	KED
	Ni	62	25.198	ug/L	0.317	1	15	6941	0	KED
	Cu	63	24.926	ug/L	0.167	0	220	122821	0	KED
	Cu	65	25.197	ug/L	0.114	0	102	61696	1	KED
	Zn	66	80.772	ug/L	0.717	0	217	56245	1	KED
	Zn	67	77.409	ug/L	1.229	1	33	8931	0	KED
	As	75	24.877	ug/L	0.068	0	4	8719	1	KED
	Se	78	80.296	ug/L	0.561	0	14	3141	1	KED
	Y	89		ug/L			787121	745182	0	Standard
	Kr	83		ug/L			329	328	10	Standard
>	In-1	115		ug/L			30151	27449	0	KED
	Mo	98	23.863	ug/L	0.341	1	4	43181	0	KED
	Cd	111	25.289	ug/L	0.417	1	3	10376	0	KED
	Cd	114	25.460	ug/L	0.515	2	4	27052	1	KED
>	In	115		ug/L			1531029	1497631	1	Standard
	Ag	107	25.122	ug/L	0.350	1	86	451252	1	Standard
	Sb	121	24.377	ug/L	0.091	0	67	542888	0	Standard
	Sb	123	24.802	ug/L	0.163	0	51	422279	1	Standard
	Ba	135	24.360	ug/L	0.353	1	44	191578	0	Standard
	Ba	137	23.847	ug/L	0.172	0	73	331323	0	Standard
>	Tb	159		ug/L			2910281	2909276	2	Standard
	Tl	205	25.649	ug/L	0.283	1	83	2401316	2	Standard
	Pb	208	24.734	ug/L	0.585	2	1932	3030983	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:24:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1107873	1082879	2	Standard
⌊	Be	9	0.001	ug/L	0.001	43	4	13	31	Standard
	C	13		ug/L			30456	37024	0	Standard
	Cl	37		ug/L			6901546	7595907	0	Standard
⌈>	Sc	45		ug/L			1525311	1403346	1	Standard
⌈	V	51	0.006	ug/L	0.005	88	7633	7199	3	Standard
⌊	V-1	51	0.028	ug/L	0.001	5	424	1251	1	Standard
⌈	Cr	52	0.108	ug/L	0.020	18	22604	23629	2	Standard
⌊	Cr	53	0.175	ug/L	0.014	7	248	767	3	Standard
⌈	Fe	54	-0.858	ug/L	0.531	61	109957	98589	1	Standard
⌊	Fe	57	-0.818	ug/L	0.084	10	21890	19223	1	Standard
⌊	Mn	55	0.207	ug/L	0.001	0	1100	9268	1	Standard
⌈>	Ge	72		ug/L			100487	96151	1	KED
⌈	Co	59	-0.001	ug/L	0.000	54	8	4	49	KED
⌊	Ni	60	0.056	ug/L	0.008	14	63	153	9	KED
⌈	Ni	62	0.096	ug/L	0.034	35	15	41	23	KED
⌊	Cu	63	-0.005	ug/L	0.004	83	220	187	10	KED
⌈	Cu	65	-0.004	ug/L	0.003	75	102	89	6	KED
⌊	Zn	66	-0.096	ug/L	0.030	31	217	142	14	KED
⌈	Zn	67	-0.026	ug/L	0.075	284	33	28	29	KED
⌊	As	75	0.000	ug/L	0.006	4529	4	4	50	KED
⌊	Se	78	-0.053	ug/L	0.058	110	14	12	19	KED
	Y	89		ug/L			787121	723574	3	Standard
	Kr	83		ug/L			329	311	10	Standard
⌈>	In-1	115		ug/L			30151	27236	1	KED
⌈	Mo	98	0.010	ug/L	0.002	21	4	22	16	KED
⌊	Cd	111	0.000	ug/L	0.007	7679	3	3	91	KED
⌊	Cd	114	-0.003	ug/L	0.002	66	4	0	250	KED
⌈>	In	115		ug/L			1531029	1484322	0	Standard
⌈	Ag	107	0.009	ug/L	0.001	6	86	243	3	Standard
⌈	Sb	121	0.029	ug/L	0.003	9	67	694	7	Standard
⌊	Sb	123	0.029	ug/L	0.002	5	51	536	5	Standard
⌈	Ba	135	0.001	ug/L	0.002	112	44	53	22	Standard
⌊	Ba	137	0.002	ug/L	0.000	17	73	97	4	Standard
⌈>	Tb	159		ug/L			2910281	2798587	0	Standard
⌈	Tl	205	0.001	ug/L	0.000	13	83	194	8	Standard
⌊	Pb	208	-0.011	ug/L	0.000	3	1932	507	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:29:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1087304	4	Standard
[	Be	9	25.499	ug/L	1.446	5	4	166416	2	Standard
	C	13		ug/L			30456	44330	0	Standard
	Cl	37		ug/L			6901546	7795868	1	Standard
[>	Sc	45		ug/L			1525311	1421324	1	Standard
[	V	51	25.113	ug/L	0.303	1	7633	785198	3	Standard
[	V-1	51	25.130	ug/L	0.235	0	424	787734	2	Standard
[	Cr	52	25.700	ug/L	0.369	1	22604	704191	3	Standard
[	Cr	53	25.732	ug/L	0.220	0	248	80384	2	Standard
[	Fe	54	5254.350	ug/L	60.421	1	109957	15988919	1	Standard
[	Fe	57	5232.067	ug/L	48.095	0	21890	5959891	2	Standard
[	Mn	55	26.274	ug/L	0.353	1	1100	1060200	2	Standard
[>	Ge	72		ug/L			100487	97852	1	KED
[	Co	59	25.207	ug/L	0.169	0	8	146912	0	KED
[	Ni	60	25.397	ug/L	0.306	1	63	42889	1	KED
[	Ni	62	24.855	ug/L	0.422	1	15	6870	2	KED
[	Cu	63	24.868	ug/L	0.344	1	220	122929	0	KED
[	Cu	65	25.309	ug/L	0.513	2	102	62160	1	KED
[	Zn	66	83.690	ug/L	1.086	1	217	58454	0	KED
[	Zn	67	78.688	ug/L	0.506	0	33	9108	0	KED
[	As	75	25.202	ug/L	0.283	1	4	8861	0	KED
[	Se	78	82.262	ug/L	1.393	1	14	3228	1	KED
	Y	89		ug/L			787121	731729	0	Standard
	Kr	83		ug/L			329	340	6	Standard
[>	In-1	115		ug/L			30151	26947	0	KED
[	Mo	98	0.011	ug/L	0.002	15	4	23	12	KED
[	Cd	111	25.847	ug/L	0.026	0	3	10412	0	KED
[	Cd	114	26.251	ug/L	0.362	1	4	27383	1	KED
[>	In	115		ug/L			1531029	1442319	1	Standard
[	Ag	107	25.468	ug/L	0.543	2	86	440498	1	Standard
[	Sb	121	0.048	ug/L	0.004	9	67	1098	8	Standard
[	Sb	123	0.051	ug/L	0.002	3	51	880	2	Standard
[	Ba	135	24.759	ug/L	0.535	2	44	187555	2	Standard
[	Ba	137	24.799	ug/L	0.390	1	73	331822	1	Standard
[>	Tb	159		ug/L			2910281	2885532	1	Standard
[	Tl	205	25.929	ug/L	0.263	1	83	2408059	2	Standard
[	Pb	208	24.662	ug/L	0.039	0	1932	2998311	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0288-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:33:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1146472	2	Standard
[	Be	9	0.001	ug/L	0.000	18	4	13	14	Standard
	C	13		ug/L			30456	54613	1	Standard
	Cl	37		ug/L			6901546	8062314	0	Standard
[>	Sc	45		ug/L			1525311	1513077	1	Standard
[	V	51	0.822	ug/L	0.013	1	7633	34686	0	Standard
[	V-1	51	0.836	ug/L	0.010	1	424	28305	1	Standard
[	Cr	52	0.480	ug/L	0.025	5	22604	36000	2	Standard
[	Cr	53	0.537	ug/L	0.021	3	248	2027	3	Standard
[	Fe	54	8.060	ug/L	0.575	7	109957	134996	0	Standard
[	Fe	57	62.004	ug/L	0.924	1	21890	96630	0	Standard
[	Mn	55	0.649	ug/L	0.019	2	1100	28932	0	Standard
[>	Ge	72		ug/L			100487	92995	0	KED
[	Co	59	0.048	ug/L	0.005	10	8	275	10	KED
[	Ni	60	1.992	ug/L	0.015	0	63	3250	0	KED
[	Ni	62	2.035	ug/L	0.077	3	15	547	3	KED
[	Cu	63	1.575	ug/L	0.026	1	220	7593	1	KED
[	Cu	65	1.639	ug/L	0.013	0	102	3915	0	KED
[	Zn	66	0.854	ug/L	0.068	7	217	766	5	KED
[	Zn	67	2.172	ug/L	0.377	17	33	268	15	KED
[	As	75	0.574	ug/L	0.008	1	4	195	1	KED
[	Se	78	0.113	ug/L	0.060	52	14	17	12	KED
	Y	89		ug/L			787121	732811	1	Standard
	Kr	83		ug/L			329	308	2	Standard
[>	In-1	115		ug/L			30151	26422	0	KED
[	Mo	98	3.880	ug/L	0.052	1	4	6761	0	KED
[	Cd	111	0.008	ug/L	0.009	121	3	6	59	KED
[	Cd	114	0.005	ug/L	0.003	63	4	9	37	KED
[>	In	115		ug/L			1531029	1437792	1	Standard
[	Ag	107	0.007	ug/L	0.001	18	86	202	10	Standard
[	Sb	121	1.020	ug/L	0.011	1	67	21864	1	Standard
[	Sb	123	1.032	ug/L	0.028	2	51	16909	2	Standard
[	Ba	135	20.597	ug/L	0.214	1	44	155520	0	Standard
[	Ba	137	20.410	ug/L	0.259	1	73	272235	0	Standard
[>	Tb	159		ug/L			2910281	2830866	1	Standard
[	Tl	205	0.008	ug/L	0.001	8	83	844	8	Standard
[	Pb	208	-0.009	ug/L	0.000	3	1932	812	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:41:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1156307	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	35	4	9	20	Standard
	C	**13**		ug/L			30456	34387	1	Standard
	Cl	**37**		ug/L			6901546	8228913	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1418593	2	Standard
⌈	**V**	**51**	**0.027**	ug/L	0.006	21	7633	7937	1	Standard
⌊	**V-1**	**51**	**0.017**	ug/L	0.002	8	424	934	3	Standard
⌈	**Cr**	**52**	**0.087**	ug/L	0.020	23	22604	23337	1	Standard
⌊	**Cr**	**53**	**0.053**	ug/L	0.004	7	248	397	1	Standard
⌈	**Fe**	**54**	**1.302**	ug/L	0.477	36	109957	106174	0	Standard
⌊	**Fe**	**57**	**1.518**	ug/L	0.362	23	21890	22074	0	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	22	1100	1069	3	Standard
⌈>	**Ge**	**72**		ug/L			100487	95164	1	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.001	87	8	5	57	KED
⌊	**Ni**	**60**	**-0.020**	ug/L	0.003	17	63	27	20	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.004	116	15	15	6	KED
⌈	**Cu**	**63**	**-0.015**	ug/L	0.005	31	220	136	15	KED
⌊	**Cu**	**65**	**-0.015**	ug/L	0.005	31	102	62	18	KED
⌈	**Zn**	**66**	**-0.165**	ug/L	0.005	3	217	94	3	KED
⌊	**Zn**	**67**	**-0.137**	ug/L	0.052	38	33	15	36	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.002	755	4	4	13	KED
⌊	**Se**	**78**	**0.059**	ug/L	0.074	124	14	16	17	KED
	Y	**89**		ug/L			787121	712763	0	Standard
	Kr	**83**		ug/L			329	280	4	Standard
⌈>	**In-1**	**115**		ug/L			30151	26721	0	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.002	95	4	7	39	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.006	606	3	3	68	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	1309	4	3	89	KED
⌈>	**In**	**115**		ug/L			1531029	1409057	1	Standard
⌈	**Ag**	**107**	**0.005**	ug/L	0.001	24	86	158	10	Standard
⌈	**Sb**	**121**	**0.004**	ug/L	0.001	17	67	135	9	Standard
⌊	**Sb**	**123**	**0.004**	ug/L	0.001	18	51	108	11	Standard
⌈	**Ba**	**135**	**0.010**	ug/L	0.001	8	44	114	5	Standard
⌊	**Ba**	**137**	**0.012**	ug/L	0.000	1	73	231	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2745061	2	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	12	83	109	5	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	1	1932	1013	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:46:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1106279	2	Standard
	Be	**9**	**50.525**	ug/L	1.517	3	4	335873	1	Standard
	C	**13**		ug/L			30456	28162	0	Standard
	Cl	**37**		ug/L			6901546	8024459	0	Standard
>	**Sc**	**45**		ug/L			1525311	1419541	2	Standard
	V	**51**	**49.606**	ug/L	0.787	1	7633	1541591	0	Standard
	V-1	**51**	**49.569**	ug/L	0.880	1	424	1550955	0	Standard
	Cr	**52**	**50.628**	ug/L	0.651	1	22604	1364608	0	Standard
	Cr	**53**	**50.470**	ug/L	0.940	1	248	157195	0	Standard
	Fe	**54**	**5093.023**	ug/L	78.025	1	109957	15479874	1	Standard
	Fe	**57**	**5082.943**	ug/L	72.343	1	21890	5782005	0	Standard
	Mn	**55**	**52.193**	ug/L	0.943	1	1100	2101923	2	Standard
>	**Ge**	**72**		ug/L			100487	96163	0	KED
	Co	**59**	**49.512**	ug/L	0.712	1	8	283587	1	KED
	Ni	**60**	**49.338**	ug/L	0.220	0	63	81824	0	KED
	Ni	**62**	**48.872**	ug/L	0.434	0	15	13260	0	KED
	Cu	**63**	**49.448**	ug/L	0.583	1	220	240027	1	KED
	Cu	**65**	**49.869**	ug/L	0.985	1	102	120282	1	KED
	Zn	**66**	**50.528**	ug/L	0.764	1	217	34768	1	KED
	Zn	**67**	**51.039**	ug/L	1.801	3	33	5817	3	KED
	As	**75**	**49.285**	ug/L	0.532	1	4	17027	0	KED
	Se	**78**	**49.320**	ug/L	0.874	1	14	1908	1	KED
	Y	**89**		ug/L			787121	731468	2	Standard
	Kr	**83**		ug/L			329	308	7	Standard
>	**In-1**	**115**		ug/L			30151	26801	1	KED
	Mo	**98**	**48.600**	ug/L	0.389	0	4	85869	1	KED
	Cd	**111**	**49.222**	ug/L	0.399	0	3	19718	1	KED
	Cd	**114**	**50.228**	ug/L	0.788	1	4	52100	0	KED
>	**In**	**115**		ug/L			1531029	1424502	1	Standard
	Ag	**107**	**51.915**	ug/L	0.693	1	86	887057	3	Standard
	Sb	**121**	**49.918**	ug/L	1.553	3	67	1057036	1	Standard
	Sb	**123**	**50.234**	ug/L	1.037	2	51	813278	0	Standard
	Ba	**135**	**49.876**	ug/L	0.927	1	44	373014	0	Standard
	Ba	**137**	**49.137**	ug/L	1.594	3	73	649076	1	Standard
>	**Tb**	**159**		ug/L			2910281	2860048	1	Standard
	Tl	**205**	**50.437**	ug/L	0.534	1	83	4642107	1	Standard
	Pb	**208**	**49.892**	ug/L	0.237	0	1932	6010268	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 16:54:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1114713	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	57	4	12	36	Standard
	C	**13**		ug/L			30456	26841	1	Standard
	Cl	**37**		ug/L			6901546	7740012	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1396316	2	Standard
⌈	**V**	**51**	**-0.001**	ug/L	0.005	320	7633	6940	1	Standard
⌊	**V-1**	**51**	**0.008**	ug/L	0.001	9	424	628	3	Standard
⌈	**Cr**	**52**	**-0.007**	ug/L	0.016	222	22604	20497	1	Standard
⌊	**Cr**	**53**	**0.023**	ug/L	0.005	21	248	297	5	Standard
⌈	**Fe**	**54**	**0.728**	ug/L	0.657	90	109957	102784	1	Standard
⌊	**Fe**	**57**	**-1.062**	ug/L	0.544	51	21890	18845	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	18	1100	1056	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	92994	2	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	14	8	0	173	KED
⌊	**Ni**	**60**	**-0.007**	ug/L	0.006	89	63	48	19	KED
⌈	**Ni**	**62**	**0.005**	ug/L	0.019	404	15	15	30	KED
⌈	**Cu**	**63**	**-0.004**	ug/L	0.009	244	220	186	21	KED
⌊	**Cu**	**65**	**0.007**	ug/L	0.005	71	102	111	12	KED
⌈	**Zn**	**66**	**-0.102**	ug/L	0.016	15	217	133	7	KED
⌊	**Zn**	**67**	**-0.089**	ug/L	0.057	64	33	20	32	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.003	278	4	3	25	KED
⌊	**Se**	**78**	**-0.038**	ug/L	0.077	202	14	12	21	KED
	Y	**89**		ug/L			787121	714194	1	Standard
	Kr	**83**		ug/L			329	336	6	Standard
⌈>	**In-1**	**115**		ug/L			30151	26841	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.002	48	4	10	30	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.001	835	3	3	17	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	249	4	4	57	KED
⌈>	**In**	**115**		ug/L			1531029	1402724	3	Standard
⌈	**Ag**	**107**	**0.005**	ug/L	0.001	23	86	156	8	Standard
⌈	**Sb**	**121**	**0.054**	ug/L	0.004	7	67	1199	10	Standard
⌊	**Sb**	**123**	**0.058**	ug/L	0.001	2	51	977	3	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.000	117	44	38	2	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	380	73	70	18	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2760518	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	19	83	273	14	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	3	1932	1076	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:01:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1107873	1114546	2	Standard
Be	9	0.000	ug/L	0.001	258	4	6	75	Standard
C	13		ug/L			30456	35434	1	Standard
Cl	37		ug/L			6901546	7689645	1	Standard
Sc	45		ug/L			1525311	1365559	0	Standard
V	51	0.010	ug/L	0.004	40	7633	7139	2	Standard
V-1	51	0.013	ug/L	0.001	4	424	770	2	Standard
Cr	52	0.062	ug/L	0.010	16	22604	21809	1	Standard
Cr	53	0.069	ug/L	0.002	3	248	427	1	Standard
Fe	54	-4.291	ug/L	0.449	10	109957	85974	1	Standard
Fe	57	-0.749	ug/L	0.457	60	21890	18779	2	Standard
Mn	55	0.012	ug/L	0.001	4	1100	1465	0	Standard
Ge	72		ug/L			100487	93777	2	KED
Co	59	-0.001	ug/L	0.001	51	8	2	114	KED
Ni	60	-0.024	ug/L	0.005	22	63	19	43	KED
Ni	62	-0.010	ug/L	0.022	212	15	12	48	KED
Cu	63	0.001	ug/L	0.003	197	220	212	5	KED
Cu	65	0.004	ug/L	0.005	115	102	106	12	KED
Zn	66	0.235	ug/L	0.020	8	217	360	5	KED
Zn	67	0.319	ug/L	0.087	27	33	66	13	KED
As	75	-0.002	ug/L	0.004	220	4	3	41	KED
Se	78	0.019	ug/L	0.061	316	14	14	17	KED
Y	89		ug/L			787121	705911	1	Standard
Kr	83		ug/L			329	300	6	Standard
In-1	115		ug/L			30151	27006	1	KED
Mo	98	0.005	ug/L	0.001	27	4	12	17	KED
Cd	111	-0.002	ug/L	0.005	225	3	2	89	KED
Cd	114	-0.002	ug/L	0.002	76	4	1	124	KED
In	115		ug/L			1531029	1454269	1	Standard
Ag	107	0.005	ug/L	0.000	9	86	162	3	Standard
Sb	121	0.054	ug/L	0.002	2	67	1234	3	Standard
Sb	123	0.053	ug/L	0.001	0	51	933	1	Standard
Ba	135	0.000	ug/L	0.001	828	44	43	18	Standard
Ba	137	0.001	ug/L	0.001	243	73	78	25	Standard
Tb	159		ug/L			2910281	2772248	1	Standard
Tl	205	0.001	ug/L	0.000	18	83	176	10	Standard
Pb	208	-0.011	ug/L	0.000	1	1932	556	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:06:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1096921	2	Standard
	Be	9	24.949	ug/L	1.087	4	4	164408	2	Standard
	C	13		ug/L			30456	37679	1	Standard
	Cl	37		ug/L			6901546	7713264	0	Standard
>	Sc	45		ug/L			1525311	1374212	0	Standard
	V	51	24.618	ug/L	0.072	0	7633	744236	0	Standard
	V-1	51	24.553	ug/L	0.062	0	424	744072	0	Standard
	Cr	52	25.633	ug/L	0.087	0	22604	679019	0	Standard
	Cr	53	25.387	ug/L	0.056	0	248	76676	0	Standard
	Fe	54	-3.353	ug/L	0.355	10	109957	89261	1	Standard
	Fe	57	-1.281	ug/L	0.299	23	21890	18316	1	Standard
	Mn	55	26.026	ug/L	0.361	1	1100	1015286	1	Standard
>	Ge	72		ug/L			100487	96631	1	KED
	Co	59	24.512	ug/L	0.194	0	8	141076	0	KED
	Ni	60	24.814	ug/L	0.132	0	63	41381	1	KED
	Ni	62	24.488	ug/L	0.465	1	15	6683	1	KED
	Cu	63	25.018	ug/L	0.331	1	220	122119	0	KED
	Cu	65	25.250	ug/L	0.729	2	102	61237	1	KED
	Zn	66	84.969	ug/L	1.409	1	217	58612	2	KED
	Zn	67	80.032	ug/L	2.497	3	33	9147	2	KED
	As	75	24.811	ug/L	0.212	0	4	8615	1	KED
	Se	78	82.490	ug/L	0.994	1	14	3197	2	KED
	Y	89		ug/L			787121	721954	0	Standard
	Kr	83		ug/L			329	312	3	Standard
>	In-1	115		ug/L			30151	26917	1	KED
	Mo	98	22.514	ug/L	0.594	2	4	39939	1	KED
	Cd	111	25.658	ug/L	0.560	2	3	10321	0	KED
	Cd	114	26.090	ug/L	0.414	1	4	27179	0	KED
>	In	115		ug/L			1531029	1463947	1	Standard
	Ag	107	25.526	ug/L	0.245	0	86	448165	0	Standard
	Sb	121	23.554	ug/L	0.437	1	67	512701	0	Standard
	Sb	123	23.948	ug/L	0.268	1	51	398547	1	Standard
	Ba	135	23.877	ug/L	0.252	1	44	183572	1	Standard
	Ba	137	23.205	ug/L	0.309	1	73	315139	0	Standard
>	Tb	159		ug/L			2910281	2779342	0	Standard
	Tl	205	26.023	ug/L	0.226	0	83	2327559	0	Standard
	Pb	208	25.080	ug/L	0.057	0	1932	2936967	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:10:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1094525	2	Standard
[	Be	9	0.002	ug/L	0.001	39	4	14	27	Standard
	C	13		ug/L			30456	35154	2	Standard
	Cl	37		ug/L			6901546	7677888	0	Standard
[>	Sc	45		ug/L			1525311	1374071	1	Standard
[	V	51	0.011	ug/L	0.003	31	7633	7195	1	Standard
[	V-1	51	0.016	ug/L	0.001	4	424	870	3	Standard
[	Cr	52	0.117	ug/L	0.010	8	22604	23357	1	Standard
[	Cr	53	0.130	ug/L	0.003	2	248	616	2	Standard
[	Fe	54	1.181	ug/L	0.459	38	109957	102499	1	Standard
[	Fe	57	-0.964	ug/L	0.136	14	21890	18663	2	Standard
[	Mn	55	0.163	ug/L	0.004	2	1100	7352	1	Standard
[>	Ge	72		ug/L			100487	94298	1	KED
[	Co	59	0.001	ug/L	0.001	181	8	12	55	KED
[	Ni	60	-0.005	ug/L	0.007	126	63	50	21	KED
[	Ni	62	-0.011	ug/L	0.029	265	15	12	63	KED
[	Cu	63	0.001	ug/L	0.004	330	220	213	9	KED
[	Cu	65	0.001	ug/L	0.008	924	102	98	17	KED
[	Zn	66	0.017	ug/L	0.049	287	217	215	15	KED
[	Zn	67	0.001	ug/L	0.095	7082	33	31	33	KED
[	As	75	0.003	ug/L	0.004	119	4	5	24	KED
[	Se	78	-0.027	ug/L	0.112	409	14	12	33	KED
	Y	89		ug/L			787121	703938	0	Standard
	Kr	83		ug/L			329	290	4	Standard
[>	In-1	115		ug/L			30151	26838	1	KED
[	Mo	98	0.007	ug/L	0.003	41	4	16	28	KED
[	Cd	111	0.000	ug/L	0.001	827	3	3	17	KED
[	Cd	114	-0.002	ug/L	0.002	78	4	1	126	KED
[>	In	115		ug/L			1531029	1436898	0	Standard
[	Ag	107	0.006	ug/L	0.001	12	86	189	6	Standard
[	Sb	121	0.027	ug/L	0.002	7	67	643	6	Standard
[	Sb	123	0.027	ug/L	0.000	0	51	495	0	Standard
[	Ba	135	-0.001	ug/L	0.001	152	44	37	17	Standard
[	Ba	137	-0.001	ug/L	0.001	85	73	52	26	Standard
[>	Tb	159		ug/L			2910281	2782927	1	Standard
[	Tl	205	0.002	ug/L	0.000	5	83	254	3	Standard
[	Pb	208	-0.012	ug/L	0.000	2	1932	489	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:15:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1093435	1	Standard
[	Be	9	25.176	ug/L	0.188	0	4	165492	1	Standard
	C	13		ug/L			30456	36425	0	Standard
	Cl	37		ug/L			6901546	7837037	1	Standard
[>	Sc	45		ug/L			1525311	1392922	1	Standard
[	V	51	24.582	ug/L	0.456	1	7633	753195	1	Standard
[	V-1	51	24.635	ug/L	0.468	1	424	756659	2	Standard
[	Cr	52	25.243	ug/L	0.207	0	22604	678085	1	Standard
[	Cr	53	25.389	ug/L	0.326	1	248	77731	2	Standard
[	Fe	54	0.989	ug/L	0.808	81	109957	103321	1	Standard
[	Fe	57	-0.969	ug/L	0.119	12	21890	18911	1	Standard
[	Mn	55	26.490	ug/L	0.408	1	1100	1047388	1	Standard
[>	Ge	72		ug/L			100487	94162	2	KED
[	Co	59	25.726	ug/L	0.282	1	8	144285	2	KED
[	Ni	60	25.736	ug/L	0.187	0	63	41819	1	KED
[	Ni	62	25.793	ug/L	0.417	1	15	6860	3	KED
[	Cu	63	25.851	ug/L	0.104	0	220	122973	2	KED
[	Cu	65	25.847	ug/L	0.126	0	102	61099	2	KED
[	Zn	66	83.696	ug/L	0.948	1	217	56262	2	KED
[	Zn	67	78.496	ug/L	0.744	0	33	8743	1	KED
[	As	75	25.012	ug/L	0.114	0	4	8463	1	KED
[	Se	78	81.158	ug/L	1.110	1	14	3064	0	KED
	Y	89		ug/L			787121	700699	1	Standard
	Kr	83		ug/L			329	321	4	Standard
[>	In-1	115		ug/L			30151	26677	2	KED
[	Mo	98	0.005	ug/L	0.003	71	4	12	46	KED
[	Cd	111	25.830	ug/L	1.058	4	3	10294	2	KED
[	Cd	114	25.441	ug/L	0.508	1	4	26264	0	KED
[>	In	115		ug/L			1531029	1447974	1	Standard
[	Ag	107	25.662	ug/L	0.482	1	86	445686	2	Standard
[	Sb	121	0.008	ug/L	0.001	11	67	240	7	Standard
[	Sb	123	0.008	ug/L	0.001	12	51	188	9	Standard
[	Ba	135	24.512	ug/L	0.606	2	44	186381	2	Standard
[	Ba	137	23.895	ug/L	0.362	1	73	320958	0	Standard
[>	Tb	159		ug/L			2910281	2800514	1	Standard
[	Tl	205	26.816	ug/L	0.152	0	83	2416657	0	Standard
[	Pb	208	25.362	ug/L	0.156	0	1932	2992561	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0185-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:21:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1254088	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	75	4	9	34	Standard
	C	**13**		ug/L			30456	42787	1	Standard
	Cl	**37**		ug/L			6901546	18983459	3	Standard
[>	**Sc**	**45**		ug/L			1525311	1692503	2	Standard
[	**V**	**51**	**1.679**	ug/L	0.025	1	7633	70404	1	Standard
[	**V-1**	**51**	**6.595**	ug/L	0.059	0	424	246528	3	Standard
[	**Cr**	**52**	**0.238**	ug/L	0.010	4	22604	32610	1	Standard
[	**Cr**	**53**	**16.101**	ug/L	0.241	1	248	60008	3	Standard
[	**Fe**	**54**	**1.114**	ug/L	0.318	28	109957	126004	1	Standard
[	**Fe**	**57**	**122.570**	ug/L	3.696	3	21890	189907	0	Standard
[	**Mn**	**55**	**4.797**	ug/L	0.082	1	1100	231416	1	Standard
[>	**Ge**	**72**		ug/L			100487	87971	1	KED
[	**Co**	**59**	**0.082**	ug/L	0.003	3	8	437	4	KED
[	**Ni**	**60**	**2.440**	ug/L	0.044	1	63	3754	2	KED
[	**Ni**	**62**	**2.523**	ug/L	0.078	3	15	639	3	KED
[	**Cu**	**63**	**0.147**	ug/L	0.013	8	220	845	7	KED
[	**Cu**	**65**	**0.159**	ug/L	0.012	7	102	440	6	KED
[	**Zn**	**66**	**0.349**	ug/L	0.041	11	217	408	6	KED
[	**Zn**	**67**	**4.092**	ug/L	0.134	3	33	453	4	KED
[	**As**	**75**	**0.653**	ug/L	0.025	3	4	210	3	KED
[	**Se**	**78**	**14.444**	ug/L	0.143	0	14	520	0	KED
	Y	**89**		ug/L			787121	716755	2	Standard
	Kr	**83**		ug/L			329	347	11	Standard
[>	**In-1**	**115**		ug/L			30151	25057	1	KED
[	**Mo**	**98**	**2.072**	ug/L	0.023	1	4	3426	0	KED
[	**Cd**	**111**	**0.019**	ug/L	0.001	6	3	9	5	KED
[	**Cd**	**114**	**0.011**	ug/L	0.003	22	4	14	15	KED
[>	**In**	**115**		ug/L			1531029	1295255	3	Standard
[	**Ag**	**107**	**0.004**	ug/L	0.000	9	86	128	0	Standard
[	**Sb**	**121**	**0.094**	ug/L	0.004	3	67	1869	4	Standard
[	**Sb**	**123**	**0.092**	ug/L	0.006	6	51	1394	3	Standard
[	**Ba**	**135**	**61.491**	ug/L	2.229	3	44	417832	0	Standard
[	**Ba**	**137**	**60.043**	ug/L	2.197	3	73	720734	0	Standard
[>	**Tb**	**159**		ug/L			2910281	2770365	1	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.001	13	83	491	11	Standard
[	**Pb**	**208**	**0.006**	ug/L	0.000	6	1932	2582	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0318-~~02~~ 01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:26:52

MB 6/23/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1208483	1	Standard
	Be	9	0.002	ug/L	0.000	8	4	17	6	Standard
	C	13		ug/L			30456	480296	1	Standard
	Cl	37		ug/L			6901546	7703469	0	Standard
>	Sc	45		ug/L			1525311	1466037	0	Standard
	V	51	-0.464	ug/L	0.742	160	7633	-7453	318	Standard
	V-1	51	0.296	ug/L	0.010	3	424	9978	3	Standard
	Cr	52	140.936	ug/L	1.429	1	22604	3885089	0	Standard
	Cr	53	138.314	ug/L	2.201	1	248	444589	1	Standard
	Fe	54	4670.374	ug/L	56.408	1	109957	14671608	0	Standard
	Fe	57	5145.877	ug/L	32.569	0	21890	6046284	0	Standard
	Mn	55	93.000	ug/L	3.024	3	1100	3867334	2	Standard
>	Ge	72		ug/L			100487	91633	0	KED
	Co	59	0.930	ug/L	0.030	3	8	5082	2	KED
	Ni	60	8.564	ug/L	0.114	1	63	13581	1	KED
	Ni	62	8.570	ug/L	0.161	1	15	2227	0	KED
	Cu	63	3.385	ug/L	0.016	0	220	15844	0	KED
	Cu	65	3.379	ug/L	0.024	0	102	7854	1	KED
	Zn	66	110.832	ug/L	1.211	1	217	72432	1	KED
	Zn	67	105.659	ug/L	2.270	2	33	11442	1	KED
	As	75	0.438	ug/L	0.011	2	4	148	3	KED
	Se	78	0.074	ug/L	0.074	99	14	16	16	KED
	Y	89		ug/L			787121	720651	0	Standard
	Kr	83		ug/L			329	314	12	Standard
>	In-1	115		ug/L			30151	25539	1	KED
	Mo	98	5.433	ug/L	0.077	1	4	9150	0	KED
	Cd	111	0.628	ug/L	0.033	5	3	242	3	KED
	Cd	114	0.596	ug/L	0.041	6	4	593	6	KED
>	In	115		ug/L			1531029	1460121	1	Standard
	Ag	107	0.120	ug/L	0.006	4	86	2177	3	Standard
	Sb	121	0.623	ug/L	0.016	2	67	13593	2	Standard
	Sb	123	0.647	ug/L	0.021	3	51	10779	3	Standard
	Ba	135	26.491	ug/L	0.225	0	44	203125	0	Standard
	Ba	137	25.790	ug/L	0.227	0	73	349339	0	Standard
>	Tb	159		ug/L			2910281	2898979	0	Standard
	Tl	205	0.001	ug/L	0.000	4	83	184	2	Standard
	Pb	208	0.478	ug/L	0.003	0	1932	60264	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0323-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:34:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1226694	1	Standard
[	Be	9	0.007	ug/L	0.003	42	4	55	39	Standard
	C	13		ug/L			30456	59775	1	Standard
	Cl	37		ug/L			6901546	19677556	2	Standard
[>	Sc	45		ug/L			1525311	1618253	1	Standard
[	V	51	-0.122	ug/L	0.088	72	7633	3746	81	Standard
[	V-1	51	5.261	ug/L	0.014	0	424	188118	2	Standard
[	Cr	52	188.675	ug/L	1.419	0	22604	5732485	1	Standard
[	Cr	53	199.227	ug/L	1.063	0	248	706732	1	Standard
[	Fe	54	123.046	ug/L	1.699	1	109957	540334	2	Standard
[	Fe	57	122.215	ug/L	0.358	0	21890	181181	1	Standard
[	Mn	55	3.477	ug/L	0.041	1	1100	160716	1	Standard
[>	Ge	72		ug/L			100487	95871	0	KED
[	Co	59	0.518	ug/L	0.012	2	8	2966	1	KED
[	Ni	60	6.766	ug/L	0.079	1	63	11239	1	KED
[	Ni	62	6.854	ug/L	0.214	3	15	1867	3	KED
[	Cu	63	37.312	ug/L	0.417	1	220	180630	1	KED
[	Cu	65	37.563	ug/L	0.379	1	102	90361	1	KED
[	Zn	66	30.038	ug/L	0.183	0	217	20690	0	KED
[	Zn	67	27.566	ug/L	0.604	2	33	3147	2	KED
[	As	75	0.359	ug/L	0.013	3	4	127	3	KED
[	Se	78	0.110	ug/L	0.078	70	14	18	17	KED
	Y	89		ug/L			787121	754736	0	Standard
	Kr	83		ug/L			329	375	4	Standard
[>	In-1	115		ug/L			30151	27066	0	KED
[	Mo	98	0.683	ug/L	0.006	0	4	1223	0	KED
[	Cd	111	0.758	ug/L	0.047	6	3	309	5	KED
[	Cd	114	0.774	ug/L	0.052	6	4	814	6	KED
[>	In	115		ug/L			1531029	1376187	3	Standard
[	Ag	107	0.036	ug/L	0.003	9	86	667	6	Standard
[	Sb	121	3.175	ug/L	0.154	4	67	64971	1	Standard
[	Sb	123	3.195	ug/L	0.145	4	51	49989	2	Standard
[	Ba	135	3.194	ug/L	0.145	4	44	23101	1	Standard
[	Ba	137	3.161	ug/L	0.080	2	73	40392	1	Standard
[>	Tb	159		ug/L			2910281	2914721	0	Standard
[	Tl	205	0.003	ug/L	0.000	4	83	380	3	Standard
[	Pb	208	0.295	ug/L	0.002	0	1932	38089	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:42:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1224663	1	Standard
	Be	9	0.001	ug/L	0.001	108	4	9	52	Standard
	C	13		ug/L			30456	34791	0	Standard
	Cl	37		ug/L			6901546	8119548	1	Standard
>	Sc	45		ug/L			1525311	1463546	2	Standard
	V	51	0.005	ug/L	0.003	62	7633	7488	1	Standard
	V-1	51	0.107	ug/L	0.006	5	424	3842	3	Standard
	Cr	52	0.021	ug/L	0.007	34	22604	22262	1	Standard
	Cr	53	0.347	ug/L	0.020	5	248	1349	3	Standard
	Fe	54	1.018	ug/L	0.584	57	109957	108649	0	Standard
	Fe	57	-1.639	ug/L	0.177	10	21890	19086	2	Standard
	Mn	55	0.007	ug/L	0.001	7	1100	1341	3	Standard
>	Ge	72		ug/L			100487	96628	1	KED
	Co	59	-0.000	ug/L	0.001	308	8	6	105	KED
	Ni	60	-0.020	ug/L	0.003	13	63	27	15	KED
	Ni	62	0.026	ug/L	0.027	104	15	22	32	KED
	Cu	63	-0.013	ug/L	0.002	16	220	148	7	KED
	Cu	65	-0.009	ug/L	0.002	25	102	76	6	KED
	Zn	66	-0.147	ug/L	0.035	23	217	108	22	KED
	Zn	67	-0.067	ug/L	0.049	72	33	24	24	KED
	As	75	-0.002	ug/L	0.003	184	4	3	30	KED
	Se	78	0.033	ug/L	0.081	247	14	15	19	KED
	Y	89		ug/L			787121	725818	2	Standard
	Kr	83		ug/L			329	299	8	Standard
>	In-1	115		ug/L			30151	27665	0	KED
	Mo	98	0.000	ug/L	0.002	597	4	4	56	KED
	Cd	111	-0.002	ug/L	0.004	221	3	2	57	KED
	Cd	114	-0.003	ug/L	0.001	28	4	0	270	KED
>	In	115		ug/L			1531029	1441997	1	Standard
	Ag	107	0.001	ug/L	0.001	58	86	101	12	Standard
	Sb	121	0.004	ug/L	0.000	11	67	142	6	Standard
	Sb	123	0.004	ug/L	0.001	24	51	106	13	Standard
	Ba	135	0.016	ug/L	0.002	15	44	160	11	Standard
	Ba	137	0.014	ug/L	0.002	15	73	262	12	Standard
>	Tb	159		ug/L			2910281	2801332	2	Standard
	Tl	205	0.001	ug/L	0.000	13	83	133	5	Standard
	Pb	208	-0.006	ug/L	0.001	11	1932	1122	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:49:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1201024	0	Standard
[	Be	9	0.001	ug/L	0.001	54	4	12	32	Standard
	C	13		ug/L			30456	39003	1	Standard
	Cl	37		ug/L			6901546	8078207	0	Standard
[>	Sc	45		ug/L			1525311	1451397	0	Standard
[	V	51	0.012	ug/L	0.004	33	7633	7657	1	Standard
[	V-1	51	0.068	ug/L	0.001	1	424	2592	1	Standard
[	Cr	52	0.102	ug/L	0.015	14	22604	24286	1	Standard
[	Cr	53	0.279	ug/L	0.005	1	248	1124	1	Standard
[	Fe	54	-0.081	ug/L	0.309	382	109957	104377	0	Standard
[	Fe	57	-1.302	ug/L	0.138	10	21890	19319	0	Standard
[	Mn	55	0.438	ug/L	0.002	0	1100	19061	0	Standard
[>	Ge	72		ug/L			100487	96137	0	KED
[	Co	59	0.000	ug/L	0.001	266	8	10	43	KED
[	Ni	60	-0.003	ug/L	0.003	86	63	55	9	KED
[	Ni	62	0.019	ug/L	0.023	119	15	20	30	KED
[	Cu	63	-0.005	ug/L	0.004	67	220	186	8	KED
[	Cu	65	0.004	ug/L	0.005	114	102	109	11	KED
[	Zn	66	0.111	ug/L	0.024	21	217	284	5	KED
[	Zn	67	0.153	ug/L	0.070	46	33	48	16	KED
[	As	75	-0.002	ug/L	0.004	205	4	3	43	KED
[	Se	78	-0.018	ug/L	0.060	332	14	13	17	KED
	Y	89		ug/L			787121	724665	1	Standard
	Kr	83		ug/L			329	281	5	Standard
[>	In-1	115		ug/L			30151	27119	0	KED
[	Mo	98	0.008	ug/L	0.003	43	4	17	32	KED
[	Cd	111	0.001	ug/L	0.001	158	3	3	15	KED
[	Cd	114	0.001	ug/L	0.001	135	4	4	24	KED
[>	In	115		ug/L			1531029	1447462	2	Standard
[	Ag	107	0.001	ug/L	0.000	26	86	99	3	Standard
[	Sb	121	0.017	ug/L	0.001	5	67	431	6	Standard
[	Sb	123	0.018	ug/L	0.003	15	51	347	11	Standard
[	Ba	135	0.004	ug/L	0.002	58	44	71	25	Standard
[	Ba	137	0.004	ug/L	0.001	13	73	123	5	Standard
[>	Tb	159		ug/L			2910281	2810519	1	Standard
[	Tl	205	0.000	ug/L	0.000	42	83	120	12	Standard
[	Pb	208	-0.008	ug/L	0.000	2	1932	952	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 17:54:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1131632	2	Standard
[	Be	9	25.650	ug/L	0.786	3	4	174422	1	Standard
	C	13		ug/L			30456	44835	0	Standard
	Cl	37		ug/L			6901546	7967675	1	Standard
[>	Sc	45		ug/L			1525311	1467853	1	Standard
[	V	51	24.388	ug/L	0.432	1	7633	787463	0	Standard
[	V-1	51	24.530	ug/L	0.268	1	424	793956	0	Standard
[	Cr	52	25.110	ug/L	0.509	2	22604	710810	0	Standard
[	Cr	53	25.542	ug/L	0.297	1	248	82397	1	Standard
[	Fe	54	5218.704	ug/L	41.580	0	109957	16401141	0	Standard
[	Fe	57	5127.926	ug/L	45.142	0	21890	6032888	1	Standard
[	Mn	55	26.413	ug/L	0.227	0	1100	1100515	1	Standard
[>	Ge	72		ug/L			100487	97721	1	KED
[	Co	59	25.607	ug/L	0.369	1	8	149033	0	KED
[	Ni	60	25.177	ug/L	0.185	0	63	42463	2	KED
[	Ni	62	25.096	ug/L	1.321	5	15	6923	3	KED
[	Cu	63	25.123	ug/L	0.663	2	220	124002	1	KED
[	Cu	65	25.210	ug/L	0.098	0	102	61842	1	KED
[	Zn	66	82.348	ug/L	1.368	1	217	57439	0	KED
[	Zn	67	78.943	ug/L	1.709	2	33	9126	2	KED
[	As	75	25.057	ug/L	0.269	1	4	8799	1	KED
[	Se	78	82.353	ug/L	1.183	1	14	3228	2	KED
	Y	89		ug/L			787121	738022	0	Standard
	Kr	83		ug/L			329	330	14	Standard
[>	In-1	115		ug/L			30151	27444	0	KED
[	Mo	98	0.010	ug/L	0.001	8	4	21	5	KED
[	Cd	111	25.030	ug/L	0.265	1	3	10268	0	KED
[	Cd	114	25.157	ug/L	0.273	1	4	26727	1	KED
[>	In	115		ug/L			1531029	1428066	0	Standard
[	Ag	107	25.510	ug/L	0.398	1	86	436927	1	Standard
[	Sb	121	0.040	ug/L	0.000	1	67	911	0	Standard
[	Sb	123	0.041	ug/L	0.003	6	51	714	5	Standard
[	Ba	135	25.181	ug/L	0.436	1	44	188849	1	Standard
[	Ba	137	25.084	ug/L	0.103	0	73	332327	0	Standard
[>	Tb	159		ug/L			2910281	2923586	0	Standard
[	Tl	205	25.293	ug/L	0.288	1	83	2379566	0	Standard
[	Pb	208	24.160	ug/L	0.208	0	1932	2976102	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:03:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1147598	1	Standard
⌊	**Be**	**9**	**49.497**	ug/L	0.909	1	4	341408	0	Standard
	C	**13**		ug/L			30456	28067	0	Standard
	Cl	**37**		ug/L			6901546	7947131	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1448745	1	Standard
⌈	**V**	**51**	**50.331**	ug/L	0.835	1	7633	1596376	0	Standard
⌊	**V-1**	**51**	**50.375**	ug/L	0.708	1	424	1608838	0	Standard
⌈	**Cr**	**52**	**51.390**	ug/L	1.059	2	22604	1413418	1	Standard
⌊	**Cr**	**53**	**51.492**	ug/L	0.844	1	248	163701	1	Standard
⌈	**Fe**	**54**	**5187.610**	ug/L	110.430	2	109957	16091431	1	Standard
⌊	**Fe**	**57**	**5136.461**	ug/L	87.978	1	21890	5963779	1	Standard
⌊	**Mn**	**55**	**52.618**	ug/L	0.804	1	1100	2162666	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	97115	2	KED
⌈	**Co**	**59**	**51.438**	ug/L	1.138	2	8	297457	1	KED
⌊	**Ni**	**60**	**51.076**	ug/L	0.916	1	63	85525	1	KED
⌈	**Ni**	**62**	**50.069**	ug/L	2.059	4	15	13711	2	KED
⌈	**Cu**	**63**	**50.212**	ug/L	1.102	2	220	246064	0	KED
⌊	**Cu**	**65**	**51.137**	ug/L	0.638	1	102	124545	1	KED
⌈	**Zn**	**66**	**51.584**	ug/L	0.884	1	217	35833	0	KED
⌊	**Zn**	**67**	**51.180**	ug/L	0.341	0	33	5892	2	KED
⌈	**As**	**75**	**50.118**	ug/L	0.479	0	4	17484	1	KED
⌊	**Se**	**78**	**50.413**	ug/L	0.468	0	14	1969	1	KED
	Y	**89**		ug/L			787121	746700	1	Standard
	Kr	**83**		ug/L			329	318	7	Standard
⌈>	**In-1**	**115**		ug/L			30151	28235	1	KED
⌈	**Mo**	**98**	**48.090**	ug/L	0.725	1	4	89502	0	KED
⌈	**Cd**	**111**	**49.050**	ug/L	0.575	1	3	20698	0	KED
⌊	**Cd**	**114**	**49.170**	ug/L	0.235	0	4	53738	0	KED
⌈>	**In**	**115**		ug/L			1531029	1481080	1	Standard
⌈	**Ag**	**107**	**50.738**	ug/L	0.537	1	86	901159	0	Standard
⌈	**Sb**	**121**	**48.167**	ug/L	1.256	2	67	1060633	1	Standard
⌊	**Sb**	**123**	**49.424**	ug/L	0.535	1	51	832103	1	Standard
⌈	**Ba**	**135**	**49.067**	ug/L	1.217	2	44	381552	1	Standard
⌊	**Ba**	**137**	**47.954**	ug/L	1.058	2	73	658745	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2954125	0	Standard
⌈	**Tl**	**205**	**49.871**	ug/L	0.748	1	83	4741381	2	Standard
⌊	**Pb**	**208**	**48.946**	ug/L	0.413	0	1932	6090187	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:10:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1102872	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	42	4	12	24	Standard
	C	**13**		ug/L			30456	26718	1	Standard
	Cl	**37**		ug/L			6901546	7649986	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1395300	0	Standard
⌈	**V**	**51**	**0.006**	ug/L	0.000	5	7633	7173	0	Standard
⌊	**V-1**	**51**	**0.019**	ug/L	0.001	4	424	976	2	Standard
⌈	**Cr**	**52**	**0.025**	ug/L	0.007	28	22604	21317	0	Standard
⌊	**Cr**	**53**	**0.065**	ug/L	0.003	4	248	426	2	Standard
⌈	**Fe**	**54**	**1.291**	ug/L	0.689	53	109957	104414	1	Standard
⌊	**Fe**	**57**	**0.293**	ug/L	0.453	154	21890	20350	2	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	21	1100	1158	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	97155	0	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.001	71	8	4	65	KED
⌊	**Ni**	**60**	**-0.004**	ug/L	0.012	314	63	55	35	KED
⌈	**Ni**	**62**	**0.032**	ug/L	0.027	82	15	24	29	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.003	189	220	221	7	KED
⌊	**Cu**	**65**	**0.005**	ug/L	0.004	76	102	111	8	KED
⌈	**Zn**	**66**	**0.010**	ug/L	0.033	317	217	217	10	KED
⌊	**Zn**	**67**	**0.015**	ug/L	0.067	445	33	33	22	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.005	381	4	3	50	KED
⌊	**Se**	**78**	**0.032**	ug/L	0.052	160	14	15	13	KED
	Y	**89**		ug/L			787121	724831	2	Standard
	Kr	**83**		ug/L			329	299	13	Standard
⌈>	**In-1**	**115**		ug/L			30151	27966	2	KED
⌈	**Mo**	**98**	**0.007**	ug/L	0.002	33	4	18	27	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.005	269	3	4	58	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	223	4	2	78	KED
⌈>	**In**	**115**		ug/L			1531029	1405458	0	Standard
⌈	**Ag**	**107**	**0.003**	ug/L	0.001	36	86	125	13	Standard
⌈	**Sb**	**121**	**0.054**	ug/L	0.004	8	67	1194	7	Standard
⌊	**Sb**	**123**	**0.055**	ug/L	0.004	6	51	929	5	Standard
⌈	**Ba**	**135**	**0.005**	ug/L	0.001	16	44	76	7	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.002	87	73	102	29	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2848280	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	14	83	297	10	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.001	70	1932	1795	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:31:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1143894	1	Standard
	Be	9	0.001	ug/L	0.000	37	4	12	24	Standard
	C	13		ug/L			30456	38372	2	Standard
	Cl	37		ug/L			6901546	7503336	1	Standard
>	Sc	45		ug/L			1525311	1432871	0	Standard
	V	51	0.014	ug/L	0.006	42	7633	7620	2	Standard
	V-1	51	0.020	ug/L	0.001	4	424	1038	2	Standard
	Cr	52	0.132	ug/L	0.015	11	22604	24770	1	Standard
	Cr	53	0.147	ug/L	0.009	6	248	693	4	Standard
	Fe	54	-0.158	ug/L	0.613	389	109957	102809	1	Standard
	Fe	57	1.260	ug/L	0.211	16	21890	22006	1	Standard
	Mn	55	0.215	ug/L	0.003	1	1100	9753	0	Standard
>	Ge	72		ug/L			100487	94300	2	KED
	Co	59	-0.000	ug/L	0.001	207	8	6	62	KED
	Ni	60	0.017	ug/L	0.018	103	63	87	32	KED
	Ni	62	-0.001	ug/L	0.030	4894	15	14	52	KED
	Cu	63	0.025	ug/L	0.002	8	220	324	5	KED
	Cu	65	0.027	ug/L	0.013	49	102	160	16	KED
	Zn	66	-0.055	ug/L	0.048	87	217	166	16	KED
	Zn	67	-0.084	ug/L	0.078	93	33	21	39	KED
	As	75	0.000	ug/L	0.005	1360	4	4	40	KED
	Se	78	-0.004	ug/L	0.076	1893	14	13	21	KED
	Y	89		ug/L			787121	724564	0	Standard
	Kr	83		ug/L			329	325	6	Standard
>	In-1	115		ug/L			30151	28850	3	KED
	Mo	98	0.010	ug/L	0.001	9	4	24	8	KED
	Cd	111	-0.002	ug/L	0.003	174	3	2	57	KED
	Cd	114	0.000	ug/L	0.002	1529	4	4	61	KED
>	In	115		ug/L			1531029	1489920	2	Standard
	Ag	107	0.002	ug/L	0.001	30	86	123	10	Standard
	Sb	121	0.050	ug/L	0.003	5	67	1169	5	Standard
	Sb	123	0.051	ug/L	0.007	14	51	914	11	Standard
	Ba	135	0.007	ug/L	0.002	32	44	100	19	Standard
	Ba	137	0.008	ug/L	0.002	25	73	177	15	Standard
>	Tb	159		ug/L			2910281	2856920	0	Standard
	Tl	205	0.001	ug/L	0.000	37	83	133	14	Standard
	Pb	208	-0.010	ug/L	0.000	2	1932	646	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:36:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1139832	1	Standard
[	Be	9	24.894	ug/L	0.337	1	4	170590	2	Standard
	C	13		ug/L			30456	45375	0	Standard
	Cl	37		ug/L			6901546	7930668	0	Standard
[>	Sc	45		ug/L			1525311	1450085	0	Standard
[	V	51	24.308	ug/L	0.394	1	7633	775501	1	Standard
[	V-1	51	24.285	ug/L	0.256	1	424	776581	0	Standard
[	Cr	52	24.865	ug/L	0.227	0	22604	695660	0	Standard
[	Cr	53	24.772	ug/L	0.314	1	248	78955	1	Standard
[	Fe	54	5025.295	ug/L	31.820	0	109957	15607122	0	Standard
[	Fe	57	5020.824	ug/L	87.405	1	21890	5835310	1	Standard
[	Mn	55	25.732	ug/L	0.338	1	1100	1059184	0	Standard
[>	Ge	72		ug/L			100487	99331	1	KED
[	Co	59	24.591	ug/L	0.385	1	8	145472	0	KED
[	Ni	60	24.387	ug/L	0.339	1	63	41801	0	KED
[	Ni	62	24.142	ug/L	1.463	6	15	6769	4	KED
[	Cu	63	24.195	ug/L	0.559	2	220	121395	0	KED
[	Cu	65	24.327	ug/L	0.642	2	102	60646	0	KED
[	Zn	66	80.356	ug/L	1.319	1	217	56977	0	KED
[	Zn	67	77.162	ug/L	2.646	3	33	9065	1	KED
[	As	75	24.530	ug/L	0.641	2	4	8754	1	KED
[	Se	78	80.766	ug/L	2.592	3	14	3217	2	KED
	Y	89		ug/L			787121	744784	1	Standard
	Kr	83		ug/L			329	337	10	Standard
[>	In-1	115		ug/L			30151	27630	3	KED
[	Mo	98	0.010	ug/L	0.000	3	4	22	0	KED
[	Cd	111	25.266	ug/L	0.443	1	3	10432	1	KED
[	Cd	114	24.726	ug/L	0.505	2	4	26438	2	KED
[>	In	115		ug/L			1531029	1444828	2	Standard
[	Ag	107	25.190	ug/L	0.609	2	86	436428	2	Standard
[	Sb	121	0.055	ug/L	0.001	1	67	1241	3	Standard
[	Sb	123	0.052	ug/L	0.002	3	51	902	0	Standard
[	Ba	135	24.521	ug/L	0.482	1	44	186007	0	Standard
[	Ba	137	24.383	ug/L	0.398	1	73	326783	1	Standard
[>	Tb	159		ug/L			2910281	2921734	1	Standard
[	Tl	205	25.045	ug/L	0.486	1	83	2354606	1	Standard
[	Pb	208	23.737	ug/L	0.641	2	1932	2921405	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0314-03
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:41:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1330551	1	Standard
[	Be	9	0.006	ug/L	0.001	12	4	52	11	Standard
	C	13		ug/L			30456	62519	0	Standard
	Cl	37		ug/L			6901546	29355435	0	Standard
[>	Sc	45		ug/L			1525311	1744812	1	Standard
[	V	51	0.811	ug/L	0.073	8	7633	39530	5	Standard
[	V-1	51	6.163	ug/L	0.071	1	424	237469	1	Standard
[	Cr	52	0.526	ug/L	0.021	3	22604	43022	1	Standard
[	Cr	53	17.751	ug/L	0.252	1	248	68161	2	Standard
[	Fe	54	23.566	ug/L	1.363	5	109957	213216	1	Standard
[	Fe	57	299.972	ug/L	4.252	1	21890	443133	3	Standard
[	Mn	55	354.688	ug/L	4.572	1	1100	17550145	1	Standard
[>	Ge	72		ug/L			100487	97418	1	KED
[	Co	59	0.714	ug/L	0.013	1	8	4150	0	KED
[	Ni	60	8.199	ug/L	0.071	0	63	13825	1	KED
[	Ni	62	8.073	ug/L	0.283	3	15	2231	2	KED
[	Cu	63	0.685	ug/L	0.021	3	220	3579	3	KED
[	Cu	65	0.702	ug/L	0.006	0	102	1814	2	KED
[	Zn	66	1.371	ug/L	0.022	1	217	1161	1	KED
[	Zn	67	4.233	ug/L	0.198	4	33	518	4	KED
[	As	75	0.334	ug/L	0.021	6	4	121	6	KED
[	Se	78	0.159	ug/L	0.076	47	14	20	13	KED
	Y	89		ug/L			787121	774900	1	Standard
	Kr	83		ug/L			329	378	9	Standard
[>	In-1	115		ug/L			30151	27516	1	KED
[	Mo	98	0.431	ug/L	0.023	5	4	785	6	KED
[	Cd	111	0.096	ug/L	0.016	16	3	42	14	KED
[	Cd	114	0.087	ug/L	0.012	13	4	97	14	KED
[>	In	115		ug/L			1531029	1238481	1	Standard
[	Ag	107	0.005	ug/L	0.002	34	86	142	18	Standard
[	Sb	121	0.029	ug/L	0.001	4	67	586	3	Standard
[	Sb	123	0.031	ug/L	0.001	3	51	476	2	Standard
[	Ba	135	56.992	ug/L	0.851	1	44	370690	2	Standard
[	Ba	137	57.386	ug/L	0.141	0	73	659292	1	Standard
[>	Tb	159		ug/L			2910281	3001884	0	Standard
[	Tl	205	0.003	ug/L	0.000	5	83	396	4	Standard
[	Pb	208	0.019	ug/L	0.001	4	1932	4381	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-DUP2
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:50:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1320797	0	Standard
	Be	9	0.008	ug/L	0.001	8	4	70	8	Standard
	C	13		ug/L			30456	62729	0	Standard
	Cl	37		ug/L			6901546	29002595	1	Standard
>	Sc	45		ug/L			1525311	1780511	0	Standard
	V	51	0.932	ug/L	0.049	5	7633	45085	4	Standard
	V-1	51	6.358	ug/L	0.038	0	424	250022	0	Standard
	Cr	52	0.598	ug/L	0.010	1	22604	46281	0	Standard
	Cr	53	18.063	ug/L	0.223	1	248	70767	1	Standard
	Fe	54	19.928	ug/L	0.641	3	109957	203838	1	Standard
	Fe	57	286.556	ug/L	4.204	1	21890	433067	1	Standard
	Mn	55	352.383	ug/L	4.805	1	1100	17795063	1	Standard
>	Ge	72		ug/L			100487	99036	1	KED
	Co	59	0.726	ug/L	0.017	2	8	4290	1	KED
	Ni	60	8.575	ug/L	0.070	0	63	14697	0	KED
	Ni	62	8.431	ug/L	0.165	1	15	2369	3	KED
	Cu	63	0.735	ug/L	0.011	1	220	3890	1	KED
	Cu	65	0.773	ug/L	0.020	2	102	2019	1	KED
	Zn	66	2.412	ug/L	0.118	4	217	1913	3	KED
	Zn	67	5.160	ug/L	0.120	2	33	634	1	KED
	As	75	0.354	ug/L	0.025	7	4	130	7	KED
	Se	78	0.153	ug/L	0.039	25	14	20	6	KED
	Y	89		ug/L			787121	776130	2	Standard
	Kr	83		ug/L			329	373	15	Standard
>	In-1	115		ug/L			30151	28067	0	KED
	Mo	98	0.436	ug/L	0.054	12	4	811	12	KED
	Cd	111	0.099	ug/L	0.011	10	3	44	9	KED
	Cd	114	0.098	ug/L	0.016	16	4	110	15	KED
>	In	115		ug/L			1531029	1190817	1	Standard
	Ag	107	0.004	ug/L	0.002	47	86	130	22	Standard
	Sb	121	0.038	ug/L	0.001	3	67	721	5	Standard
	Sb	123	0.042	ug/L	0.002	3	51	604	5	Standard
	Ba	135	59.743	ug/L	1.546	2	44	373533	2	Standard
	Ba	137	60.187	ug/L	1.114	1	73	664725	0	Standard
>	Tb	159		ug/L			2910281	2994969	1	Standard
	Tl	205	0.003	ug/L	0.000	10	83	355	7	Standard
	Pb	208	0.071	ug/L	0.001	1	1932	10983	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-MS2
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 18:57:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6			ug/L			1107873	1303546	1	Standard
	Be	9		12.311	ug/L	0.111	0	4	96477	1	Standard
	C	13			ug/L			30456	62426	1	Standard
	Cl	37			ug/L			6901546	28953579	0	Standard
>	Sc	45			ug/L			1525311	1768762	1	Standard
	V	51		12.486	ug/L	0.131	1	7633	490226	1	Standard
	V-1	51		18.654	ug/L	0.094	0	424	727742	1	Standard
	Cr	52		11.648	ug/L	0.310	2	22604	411364	1	Standard
	Cr	53		31.517	ug/L	0.480	1	248	122440	0	Standard
	Fe	54		2441.850	ug/L	39.138	1	109957	9314851	0	Standard
	Fe	57		2712.487	ug/L	33.586	1	21890	3857131	1	Standard
	Mn	55		361.587	ug/L	7.149	1	1100	18136403	0	Standard
>	Ge	72			ug/L			100487	99383	0	KED
	Co	59		14.390	ug/L	0.178	1	8	85183	0	KED
	Ni	60		21.282	ug/L	0.305	1	63	36511	1	KED
	Ni	62		21.271	ug/L	0.297	1	15	5973	1	KED
	Cu	63		12.815	ug/L	0.030	0	220	64453	1	KED
	Cu	65		12.942	ug/L	0.254	1	102	32334	1	KED
	Zn	66		37.577	ug/L	0.619	1	217	26777	1	KED
	Zn	67		39.072	ug/L	1.181	3	33	4609	2	KED
	As	75		13.140	ug/L	0.178	1	4	4694	0	KED
	Se	78		40.124	ug/L	0.857	2	14	1606	1	KED
	Y	89			ug/L			787121	771456	1	Standard
	Kr	83			ug/L			329	400	6	Standard
>	In-1	115			ug/L			30151	28365	1	KED
	Mo	98		13.592	ug/L	0.253	1	4	25417	1	KED
	Cd	111		11.739	ug/L	0.149	1	3	4978	0	KED
	Cd	114		11.682	ug/L	0.158	1	4	12829	0	KED
>	In	115			ug/L			1531029	1169509	1	Standard
	Ag	107		13.159	ug/L	0.265	2	86	184574	1	Standard
	Sb	121		11.870	ug/L	0.346	2	67	206392	0	Standard
	Sb	123		12.018	ug/L	0.357	2	51	159744	1	Standard
	Ba	135	STL	75.942	ug/L	1.034	1	44	466294	0	Standard
	Ba	137		76.909	ug/L	1.388	1	73	834183	0	Standard
>	Tb	159			ug/L			2910281	3019096	0	Standard
	Tl	205		10.893	ug/L	0.012	0	83	1058424	0	Standard
	Pb	208		10.556	ug/L	0.074	0	1932	1343884	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-MSD2
Sample Dil Factor: 2
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:05:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6			ug/L			1107873	1235229	0	Standard
[	Be	9		13.045	ug/L	0.284	2	4	96864	1	Standard
	C	13			ug/L			30456	63075	0	Standard
	Cl	37			ug/L			6901546	28408637	0	Standard
[>	Sc	45			ug/L			1525311	1738578	1	Standard
[	V	51		12.539	ug/L	0.147	1	7633	483835	1	Standard
[	V-1	51		18.709	ug/L	0.132	0	424	717368	0	Standard
[	Cr	52		11.751	ug/L	0.446	3	22604	407670	2	Standard
[	Cr	53		31.624	ug/L	0.647	2	248	120749	0	Standard
[	Fe	54		2423.895	ug/L	64.755	2	109957	9088876	1	Standard
[	Fe	57		2675.721	ug/L	37.470	1	21890	3739990	0	Standard
[	Mn	55		361.615	ug/L	3.027	0	1100	17830690	1	Standard
[>	Ge	72			ug/L			100487	98486	1	KED
[	Co	59		14.401	ug/L	0.139	0	8	84476	1	KED
[	Ni	60		21.540	ug/L	0.158	0	63	36619	1	KED
[	Ni	62		21.378	ug/L	0.449	2	15	5948	2	KED
[	Cu	63		13.176	ug/L	0.164	1	220	65655	1	KED
[	Cu	65		13.260	ug/L	0.199	1	102	32824	0	KED
[	Zn	66		38.489	ug/L	0.244	0	217	27173	1	KED
[	Zn	67		39.525	ug/L	0.204	0	33	4621	2	KED
[	As	75		13.545	ug/L	0.112	0	4	4796	1	KED
[	Se	78		40.287	ug/L	0.287	0	14	1598	1	KED
	Y	89			ug/L			787121	749498	1	Standard
	Kr	83			ug/L			329	363	2	Standard
[>	In-1	115			ug/L			30151	27715	1	KED
[	Mo	98		13.509	ug/L	0.353	2	4	24679	1	KED
[	Cd	111		12.100	ug/L	0.181	1	3	5014	0	KED
[	Cd	114		12.074	ug/L	0.106	0	4	12957	2	KED
[>	In	115			ug/L			1531029	1141685	1	Standard
[	Ag	107		13.432	ug/L	0.242	1	86	183934	1	Standard
[	Sb	121		11.631	ug/L	0.011	0	67	197493	1	Standard
[	Sb	123		11.877	ug/L	0.300	2	51	154141	1	Standard
[	Ba	135	STL	77.748	ug/L	1.018	1	44	466032	0	Standard
[	Ba	137		78.682	ug/L	0.535	0	73	833311	2	Standard
[>	Tb	159			ug/L			2910281	2976572	1	Standard
[	Tl	205		11.128	ug/L	0.172	1	83	1065845	0	Standard
[	Pb	208		10.781	ug/L	0.126	1	1932	1353053	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0352-06
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:13:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1106013	1	Standard
[	**Be**	**9**	**0.007**	ug/L	0.002	23	4	48	22	Standard
	C	**13**		ug/L			30456	33989	1	Standard
	Cl	**37**		ug/L			6901546	7363910	1	Standard
[>	**Sc**	**45**		ug/L			1525311	1451209	0	Standard
[	**V**	**51**	**0.866**	ug/L	0.008	0	7633	34656	0	Standard
[	**V-1**	**51**	**1.615**	ug/L	0.003	0	424	52047	1	Standard
[	**Cr**	**52**	**0.261**	ug/L	0.012	4	22604	28585	1	Standard
[	**Cr**	**53**	**2.690**	ug/L	0.028	1	248	8791	1	Standard
[	**Fe**	**54**	**976.387**	ug/L	14.179	1	109957	3118821	0	Standard
[	**Fe**	**57**	**915.684**	ug/L	1.627	0	21890	1082138	0	Standard
[	**Mn**	**55**	**112.255**	ug/L	2.575	2	1100	4620312	1	Standard
[>	**Ge**	**72**		ug/L			100487	97813	2	KED
[	**Co**	**59**	**0.257**	ug/L	0.011	4	8	1506	1	KED
[	**Ni**	**60**	**0.454**	ug/L	0.020	4	63	826	3	KED
[	**Ni**	**62**	**0.491**	ug/L	0.081	16	15	150	13	KED
[	**Cu**	**63**	**0.560**	ug/L	0.010	1	220	2974	1	KED
[	**Cu**	**65**	**0.594**	ug/L	0.012	1	102	1555	3	KED
[	**Zn**	**66**	**2.039**	ug/L	0.046	2	217	1630	3	KED
[	**Zn**	**67**	**2.040**	ug/L	0.030	1	33	267	2	KED
[	**As**	**75**	**1.243**	ug/L	0.016	1	4	441	1	KED
[	**Se**	**78**	**0.153**	ug/L	0.147	96	14	20	29	KED
	Y	**89**		ug/L			787121	727902	1	Standard
	Kr	**83**		ug/L			329	293	3	Standard
[>	**In-1**	**115**		ug/L			30151	27882	1	KED
[	**Mo**	**98**	**0.933**	ug/L	0.041	4	4	1719	4	KED
[	**Cd**	**111**	**0.013**	ug/L	0.004	29	3	8	19	KED
[	**Cd**	**114**	**0.021**	ug/L	0.011	49	4	26	41	KED
[>	**In**	**115**		ug/L			1531029	1335528	0	Standard
[	**Ag**	**107**	**0.003**	ug/L	0.001	23	86	116	8	Standard
[	**Sb**	**121**	**0.052**	ug/L	0.003	6	67	1085	4	Standard
[	**Sb**	**123**	**0.053**	ug/L	0.002	4	51	845	3	Standard
[	**Ba**	**135**	**1.750**	ug/L	0.022	1	44	12311	0	Standard
[	**Ba**	**137**	**1.717**	ug/L	0.014	0	73	21334	0	Standard
[>	**Tb**	**159**		ug/L			2910281	2863805	1	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	5	83	359	3	Standard
[	**Pb**	**208**	**0.086**	ug/L	0.001	1	1932	12214	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0352-07
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:21:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1092308	0	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	35	4	23	28	Standard
	C	**13**		ug/L			30456	34346	1	Standard
	Cl	**37**		ug/L			6901546	7063876	0	Standard
[>	**Sc**	**45**		ug/L			1525311	1432258	1	Standard
[	**V**	**51**	**0.177**	ug/L	0.012	6	7633	12691	1	Standard
[	**V-1**	**51**	**0.638**	ug/L	0.016	2	424	20521	0	Standard
[	**Cr**	**52**	**0.159**	ug/L	0.019	12	22604	25483	0	Standard
[	**Cr**	**53**	**1.641**	ug/L	0.031	1	248	5383	0	Standard
[	**Fe**	**54**	**159.348**	ug/L	3.234	2	109957	588680	0	Standard
[	**Fe**	**57**	**150.301**	ug/L	4.424	2	21890	192425	0	Standard
[	**Mn**	**55**	**114.159**	ug/L	2.507	2	1100	4636810	0	Standard
[>	**Ge**	**72**		ug/L			100487	97496	0	KED
[	**Co**	**59**	**0.231**	ug/L	0.010	4	8	1351	3	KED
[	**Ni**	**60**	**0.373**	ug/L	0.034	9	63	687	8	KED
[	**Ni**	**62**	**0.422**	ug/L	0.123	29	15	131	25	KED
[	**Cu**	**63**	**0.220**	ug/L	0.011	4	220	1295	4	KED
[	**Cu**	**65**	**0.217**	ug/L	0.018	8	102	629	6	KED
[	**Zn**	**66**	**1.527**	ug/L	0.079	5	217	1269	3	KED
[	**Zn**	**67**	**1.555**	ug/L	0.147	9	33	210	8	KED
[	**As**	**75**	**0.667**	ug/L	0.052	7	4	237	7	KED
[	**Se**	**78**	**0.105**	ug/L	0.030	28	14	18	6	KED
	Y	**89**		ug/L			787121	725219	1	Standard
	Kr	**83**		ug/L			329	302	4	Standard
[>	**In-1**	**115**		ug/L			30151	27926	1	KED
[	**Mo**	**98**	**0.851**	ug/L	0.019	2	4	1570	1	KED
[	**Cd**	**111**	**0.006**	ug/L	0.006	99	3	5	44	KED
[	**Cd**	**114**	**0.008**	ug/L	0.000	2	4	13	0	KED
[>	**In**	**115**		ug/L			1531029	1318342	2	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.000	61	86	64	8	Standard
[	**Sb**	**121**	**0.037**	ug/L	0.003	6	67	773	5	Standard
[	**Sb**	**123**	**0.039**	ug/L	0.001	2	51	631	2	Standard
[	**Ba**	**135**	**0.966**	ug/L	0.027	2	44	6723	2	Standard
[	**Ba**	**137**	**0.960**	ug/L	0.023	2	73	11795	1	Standard
[>	**Tb**	**159**		ug/L			2910281	2784097	0	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	10	83	269	7	Standard
[	**Pb**	**208**	**0.006**	ug/L	0.001	9	1932	2521	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0352-08
Sample Dil Factor: 5
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:27:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1072363	2	Standard
[	**Be**	**9**	**0.004**	ug/L	0.001	24	4	31	19	Standard
	C	**13**		ug/L			30456	36024	1	Standard
	Cl	**37**		ug/L			6901546	9097216	2	Standard
[>	**Sc**	**45**		ug/L			1525311	1454592	2	Standard
[	**V**	**51**	**0.759**	ug/L	0.016	2	7633	31355	3	Standard
[	**V-1**	**51**	**2.863**	ug/L	0.031	1	424	92194	2	Standard
[	**Cr**	**52**	**0.303**	ug/L	0.024	7	22604	29786	0	Standard
[	**Cr**	**53**	**7.087**	ug/L	0.161	2	248	22822	1	Standard
[	**Fe**	**54**	**2027.472**	ug/L	30.898	1	109957	6377252	1	Standard
[	**Fe**	**57**	**1963.678**	ug/L	35.313	1	21890	2301618	1	Standard
[	**Mn**	**55**	**162.787**	ug/L	2.721	1	1100	6714369	1	Standard
[>	**Ge**	**72**		ug/L			100487	95674	0	KED
[	**Co**	**59**	**0.013**	ug/L	0.003	24	8	80	21	KED
[	**Ni**	**60**	**0.037**	ug/L	0.013	36	63	120	17	KED
[	**Ni**	**62**	**0.031**	ug/L	0.042	134	15	23	47	KED
[	**Cu**	**63**	**0.023**	ug/L	0.003	13	220	320	4	KED
[	**Cu**	**65**	**0.029**	ug/L	0.013	44	102	166	18	KED
[	**Zn**	**66**	**1.211**	ug/L	0.097	8	217	1031	5	KED
[	**Zn**	**67**	**1.303**	ug/L	0.051	3	33	178	3	KED
[	**As**	**75**	**0.215**	ug/L	0.005	2	4	78	1	KED
[	**Se**	**78**	**0.110**	ug/L	0.035	32	14	18	7	KED
	Y	**89**		ug/L			787121	712703	2	Standard
	Kr	**83**		ug/L			329	324	0	Standard
[>	**In-1**	**115**		ug/L			30151	27391	1	KED
[	**Mo**	**98**	**6.850**	ug/L	0.135	1	4	12371	1	KED
[	**Cd**	**111**	**0.002**	ug/L	0.007	448	3	3	75	KED
[	**Cd**	**114**	**-0.000**	ug/L	0.002	495	4	3	53	KED
[>	**In**	**115**		ug/L			1531029	1299603	1	Standard
[	**Ag**	**107**	**-0.000**	ug/L	0.000	163	86	68	9	Standard
[	**Sb**	**121**	**0.004**	ug/L	0.001	23	67	134	15	Standard
[	**Sb**	**123**	**0.004**	ug/L	0.000	8	51	106	6	Standard
[	**Ba**	**135**	**3.446**	ug/L	0.051	1	44	23552	0	Standard
[	**Ba**	**137**	**3.365**	ug/L	0.054	1	73	40621	0	Standard
[>	**Tb**	**159**		ug/L			2910281	2805914	0	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	21	83	119	7	Standard
[	**Pb**	**208**	**0.020**	ug/L	0.001	6	1932	4265	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:33:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1052041	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	124	4	5	21	Standard
	C	**13**		ug/L			30456	28302	1	Standard
	Cl	**37**		ug/L			6901546	6922766	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1349252	1	Standard
⌈	**V**	**51**	**0.018**	ug/L	0.005	27	7633	7276	2	Standard
⌊	**V-1**	**51**	**0.152**	ug/L	0.003	2	424	4908	0	Standard
⌈	**Cr**	**52**	**0.055**	ug/L	0.006	10	22604	21375	1	Standard
⌊	**Cr**	**53**	**0.486**	ug/L	0.017	3	248	1658	2	Standard
⌈	**Fe**	**54**	**2.145**	ug/L	0.764	35	109957	103402	0	Standard
⌊	**Fe**	**57**	**-2.816**	ug/L	0.536	19	21890	16326	2	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	31	1100	1083	3	Standard
⌈>	**Ge**	**72**		ug/L			100487	94174	1	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	41	8	3	50	KED
⌊	**Ni**	**60**	**-0.015**	ug/L	0.006	38	63	34	26	KED
⌈	**Ni**	**62**	**-0.025**	ug/L	0.018	69	15	8	58	KED
⌈	**Cu**	**63**	**-0.008**	ug/L	0.004	43	220	168	10	KED
⌊	**Cu**	**65**	**-0.003**	ug/L	0.007	248	102	89	20	KED
⌈	**Zn**	**66**	**-0.086**	ug/L	0.006	7	217	146	4	KED
⌊	**Zn**	**67**	**-0.044**	ug/L	0.022	49	33	26	11	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.001	38	4	2	16	KED
⌊	**Se**	**78**	**-0.015**	ug/L	0.039	253	14	13	10	KED
	Y	**89**		ug/L			787121	712595	2	Standard
	Kr	**83**		ug/L			329	322	11	Standard
⌈>	**In-1**	**115**		ug/L			30151	27134	0	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.001	53	4	8	26	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.002	327	3	2	33	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	611	4	4	49	KED
⌈>	**In**	**115**		ug/L			1531029	1318800	3	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	146	86	65	16	Standard
⌈	**Sb**	**121**	**0.000**	ug/L	0.001	228	67	66	28	Standard
⌊	**Sb**	**123**	**0.000**	ug/L	0.001	134	51	50	11	Standard
⌈	**Ba**	**135**	**0.008**	ug/L	0.003	35	44	91	19	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.002	31	73	135	14	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2744056	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	22	83	186	13	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.000	4	1932	1205	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:38:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1057028	2	Standard
⌊	**Be**	**9**	**51.145**	ug/L	1.153	2	4	324924	2	Standard
	C	**13**		ug/L			30456	26642	0	Standard
	Cl	**37**		ug/L			6901546	7436228	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1354695	0	Standard
⌈	**V**	**51**	**50.743**	ug/L	1.136	2	7633	1504839	1	Standard
⌊	**V-1**	**51**	**50.796**	ug/L	1.070	2	424	1516902	1	Standard
⌈	**Cr**	**52**	**51.773**	ug/L	1.121	2	22604	1331342	1	Standard
⌊	**Cr**	**53**	**51.906**	ug/L	0.914	1	248	154299	0	Standard
⌈	**Fe**	**54**	**5274.312**	ug/L	103.666	1	109957	15296555	1	Standard
⌊	**Fe**	**57**	**5082.769**	ug/L	101.727	2	21890	5518152	1	Standard
⌊	**Mn**	**55**	**52.606**	ug/L	1.670	3	1100	2021664	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	94104	0	KED
⌈	**Co**	**59**	**50.538**	ug/L	0.977	1	8	283266	1	KED
⌊	**Ni**	**60**	**50.744**	ug/L	0.627	1	63	82352	1	KED
⌈	**Ni**	**62**	**49.965**	ug/L	0.225	0	15	13266	0	KED
⌈	**Cu**	**63**	**49.697**	ug/L	0.891	1	220	236073	1	KED
⌊	**Cu**	**65**	**50.713**	ug/L	0.946	1	102	119702	1	KED
⌈	**Zn**	**66**	**51.779**	ug/L	1.837	3	217	34862	3	KED
⌊	**Zn**	**67**	**51.638**	ug/L	1.289	2	33	5759	2	KED
⌈	**As**	**75**	**50.654**	ug/L	0.480	0	4	17126	0	KED
⌊	**Se**	**78**	**51.435**	ug/L	0.442	0	14	1946	1	KED
	Y	**89**		ug/L			787121	702924	2	Standard
	Kr	**83**		ug/L			329	319	4	Standard
⌈>	**In-1**	**115**		ug/L			30151	27384	2	KED
⌈	**Mo**	**98**	**48.573**	ug/L	1.114	2	4	87649	1	KED
⌈	**Cd**	**111**	**48.843**	ug/L	0.730	1	3	19986	1	KED
⌊	**Cd**	**114**	**48.745**	ug/L	0.785	1	4	51653	1	KED
⌈>	**In**	**115**		ug/L			1531029	1318094	1	Standard
⌈	**Ag**	**107**	**51.557**	ug/L	1.601	3	86	814859	2	Standard
⌈	**Sb**	**121**	**48.532**	ug/L	0.445	0	67	951326	2	Standard
⌊	**Sb**	**123**	**49.780**	ug/L	1.150	2	51	745942	3	Standard
⌈	**Ba**	**135**	**52.244**	ug/L	1.228	2	44	361524	0	Standard
⌊	**Ba**	**137**	**51.393**	ug/L	1.525	2	73	628219	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2781307	0	Standard
⌈	**Tl**	**205**	**49.959**	ug/L	0.541	1	83	4471494	0	Standard
⌊	**Pb**	**208**	**49.074**	ug/L	0.684	1	1932	5748781	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:47:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1083958	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	134	4	10	78	Standard
	C	**13**		ug/L			30456	25699	1	Standard
	Cl	**37**		ug/L			6901546	7014993	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1361202	0	Standard
⎢	**V**	**51**	**0.018**	ug/L	0.005	28	7633	7349	2	Standard
⎢	**V-1**	**51**	**0.067**	ug/L	0.001	0	424	2393	0	Standard
⎢	**Cr**	**52**	**0.057**	ug/L	0.005	8	22604	21619	0	Standard
⎢	**Cr**	**53**	**0.213**	ug/L	0.011	5	248	858	3	Standard
⎢	**Fe**	**54**	**1.226**	ug/L	0.664	54	109957	101672	1	Standard
⎢	**Fe**	**57**	**4.266**	ug/L	0.319	7	21890	24173	1	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	17	1100	1171	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	95079	1	KED
⎢	**Co**	**59**	**-0.001**	ug/L	0.000	28	8	4	24	KED
⎢	**Ni**	**60**	**-0.005**	ug/L	0.004	90	63	52	14	KED
⎢	**Ni**	**62**	**-0.006**	ug/L	0.006	98	15	13	14	KED
⎢	**Cu**	**63**	**0.002**	ug/L	0.004	175	220	220	9	KED
⎢	**Cu**	**65**	**0.004**	ug/L	0.004	79	102	107	7	KED
⎢	**Zn**	**66**	**0.015**	ug/L	0.029	199	217	215	8	KED
⎢	**Zn**	**67**	**0.078**	ug/L	0.011	14	33	40	4	KED
⎢	**As**	**75**	**-0.003**	ug/L	0.004	152	4	3	37	KED
⌊	**Se**	**78**	**0.067**	ug/L	0.063	93	14	16	14	KED
	Y	**89**		ug/L			787121	706580	2	Standard
	Kr	**83**		ug/L			329	305	13	Standard
⌈>	**In-1**	**115**		ug/L			30151	27720	1	KED
⎢	**Mo**	**98**	**0.005**	ug/L	0.002	31	4	13	21	KED
⎢	**Cd**	**111**	**-0.000**	ug/L	0.003	4176	3	3	45	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	440	4	4	29	KED
⌈>	**In**	**115**		ug/L			1531029	1323544	1	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	134	86	78	5	Standard
⎢	**Sb**	**121**	**0.051**	ug/L	0.004	8	67	1071	9	Standard
⎢	**Sb**	**123**	**0.055**	ug/L	0.002	3	51	872	5	Standard
⎢	**Ba**	**135**	**0.008**	ug/L	0.002	25	44	94	13	Standard
⌊	**Ba**	**137**	**0.007**	ug/L	0.002	24	73	154	12	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2791665	0	Standard
⎢	**Tl**	**205**	**0.002**	ug/L	0.000	12	83	233	9	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	25	1932	1718	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0198-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 19:55:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1221161	1	Standard
	Be	9	0.000	ug/L	0.001	236	4	8	96	Standard
	C	13		ug/L			30456	80508	0	Standard
	Cl	37		ug/L			6901546	7125391	1	Standard
>	Sc	45		ug/L			1525311	1418207	0	Standard
	V	51	0.906	ug/L	0.054	5	7633	35103	3	Standard
	V-1	51	1.150	ug/L	0.019	1	424	36326	1	Standard
	Cr	52	7.031	ug/L	0.030	0	22604	207474	0	Standard
	Cr	53	7.594	ug/L	0.093	1	248	23835	1	Standard
	Fe	54	29.235	ug/L	0.235	0	109957	190445	1	Standard
	Fe	57	81.451	ug/L	0.304	0	21890	112614	1	Standard
	Mn	55	4.897	ug/L	0.067	1	1100	198004	1	Standard
>	Ge	72		ug/L			100487	86468	1	KED
	Co	59	0.049	ug/L	0.007	13	8	260	11	KED
	Ni	60	0.454	ug/L	0.007	1	63	731	3	KED
	Ni	62	0.501	ug/L	0.053	10	15	135	10	KED
	Cu	63	7.770	ug/L	0.059	0	220	34073	2	KED
	Cu	65	7.880	ug/L	0.033	0	102	17163	1	KED
	Zn	66	1.845	ug/L	0.109	5	217	1322	6	KED
	Zn	67	1.868	ug/L	0.321	17	33	218	13	KED
	As	75	0.082	ug/L	0.002	2	4	29	1	KED
	Se	78	0.252	ug/L	0.064	25	14	21	12	KED
	Y	89		ug/L			787121	688033	0	Standard
	Kr	83		ug/L			329	274	5	Standard
>	In-1	115		ug/L			30151	24877	0	KED
	Mo	98	44.806	ug/L	0.467	1	4	73479	0	KED
	Cd	111	0.014	ug/L	0.013	88	3	8	58	KED
	Cd	114	0.008	ug/L	0.010	123	4	11	84	KED
>	In	115		ug/L			1531029	1367442	0	Standard
	Ag	107	0.000	ug/L	0.000	126	86	82	7	Standard
	Sb	121	0.367	ug/L	0.006	1	67	7520	1	Standard
	Sb	123	0.377	ug/L	0.004	1	51	5904	1	Standard
	Ba	135	0.792	ug/L	0.025	3	44	5723	2	Standard
	Ba	137	0.780	ug/L	0.013	1	73	9959	1	Standard
>	Tb	159		ug/L			2910281	2770088	1	Standard
	Tl	205	0.011	ug/L	0.000	1	83	1024	0	Standard
	Pb	208	-0.007	ug/L	0.000	1	1932	1019	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0198-06
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:01:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1203993	1	Standard
[	Be	9	0.000	ug/L	0.000	2	4	7	0	Standard
	C	13		ug/L			30456	115317	1	Standard
	Cl	37		ug/L			6901546	7038851	1	Standard
[>	Sc	45		ug/L			1525311	1405750	0	Standard
[	V	51	1.095	ug/L	0.058	5	7633	40578	4	Standard
[	V-1	51	1.294	ug/L	0.018	1	424	40494	1	Standard
[	Cr	52	10.540	ug/L	0.053	0	22604	297867	0	Standard
[	Cr	53	10.843	ug/L	0.123	1	248	33632	1	Standard
[	Fe	54	31.775	ug/L	0.417	1	109957	196368	1	Standard
[	Fe	57	82.330	ug/L	0.484	0	21890	112612	1	Standard
[	Mn	55	4.945	ug/L	0.118	2	1100	198130	2	Standard
[>	Ge	72		ug/L			100487	85824	0	KED
[	Co	59	0.051	ug/L	0.007	14	8	267	13	KED
[	Ni	60	0.449	ug/L	0.024	5	63	718	5	KED
[	Ni	62	0.511	ug/L	0.106	20	15	137	19	KED
[	Cu	63	7.683	ug/L	0.130	1	220	33442	1	KED
[	Cu	65	7.914	ug/L	0.184	2	102	17109	2	KED
[	Zn	66	2.041	ug/L	0.125	6	217	1431	4	KED
[	Zn	67	1.849	ug/L	0.023	1	33	215	0	KED
[	As	75	0.091	ug/L	0.019	20	4	31	17	KED
[	Se	78	0.300	ug/L	0.093	30	14	22	13	KED
	Y	89		ug/L			787121	666569	1	Standard
	Kr	83		ug/L			329	330	7	Standard
[>	In-1	115		ug/L			30151	24694	1	KED
[	Mo	98	369.253	ug/L	5.656	1	4	601035	0	KED
[	Cd	111	0.090	ug/L	0.019	21	3	35	18	KED
[	Cd	114	0.067	ug/L	0.014	21	4	67	19	KED
[>	In	115		ug/L			1531029	1396718	1	Standard
[	Ag	107	-0.000	ug/L	0.001	829	86	76	18	Standard
[	Sb	121	0.319	ug/L	0.005	1	67	6684	1	Standard
[	Sb	123	0.318	ug/L	0.005	1	51	5101	1	Standard
[	Ba	135	0.772	ug/L	0.005	0	44	5703	1	Standard
[	Ba	137	0.764	ug/L	0.017	2	73	9966	1	Standard
[>	Tb	159		ug/L			2910281	2777197	0	Standard
[	Tl	205	0.012	ug/L	0.001	9	83	1123	8	Standard
[	Pb	208	-0.005	ug/L	0.000	2	1932	1250	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0198-07
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:07:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1189154	1	Standard
[	Be	9	0.000	ug/L	0.001	1165	4	5	78	Standard
	C	13		ug/L			30456	79811	0	Standard
	Cl	37		ug/L			6901546	6949249	0	Standard
[>	Sc	45		ug/L			1525311	1391201	0	Standard
[	V	51	1.103	ug/L	0.013	1	7633	40404	1	Standard
[	V-1	51	1.285	ug/L	0.007	0	424	39798	1	Standard
[	Cr	52	7.276	ug/L	0.025	0	22604	209878	0	Standard
[	Cr	53	7.641	ug/L	0.035	0	248	23522	0	Standard
[	Fe	54	26.719	ug/L	0.768	2	109957	179358	0	Standard
[	Fe	57	76.394	ug/L	0.806	1	21890	104853	1	Standard
[	Mn	55	4.479	ug/L	0.059	1	1100	177729	1	Standard
[>	Ge	72		ug/L			100487	87035	1	KED
[	Co	59	0.042	ug/L	0.003	7	8	226	7	KED
[	Ni	60	0.437	ug/L	0.025	5	63	711	6	KED
[	Ni	62	0.661	ug/L	0.040	6	15	175	6	KED
[	Cu	63	7.064	ug/L	0.124	1	220	31194	1	KED
[	Cu	65	7.075	ug/L	0.090	1	102	15521	0	KED
[	Zn	66	5.729	ug/L	0.120	2	217	3735	1	KED
[	Zn	67	5.498	ug/L	0.604	10	33	592	9	KED
[	As	75	0.117	ug/L	0.005	4	4	40	4	KED
[	Se	78	0.132	ug/L	0.157	118	14	17	30	KED
	Y	89		ug/L			787121	666240	1	Standard
	Kr	83		ug/L			329	337	6	Standard
[>	In-1	115		ug/L			30151	24817	0	KED
[	Mo	98	531.686	ug/L	4.167	0	4	869777	0	KED
[	Cd	111	0.130	ug/L	0.027	20	3	51	19	KED
[	Cd	114	0.105	ug/L	0.042	39	4	104	38	KED
[>	In	115		ug/L			1531029	1362705	1	Standard
[	Ag	107	-0.001	ug/L	0.001	122	86	61	30	Standard
[	Sb	121	0.254	ug/L	0.009	3	67	5206	1	Standard
[	Sb	123	0.257	ug/L	0.013	5	51	4026	3	Standard
[	Ba	135	0.774	ug/L	0.026	3	44	5578	1	Standard
[	Ba	137	0.767	ug/L	0.010	1	73	9757	0	Standard
[>	Tb	159		ug/L			2910281	2749651	1	Standard
[	Tl	205	0.012	ug/L	0.000	2	83	1168	1	Standard
[	Pb	208	-0.000	ug/L	0.001	410	1932	1806	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0114-01
Sample Dil Factor: 200
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:16:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1146949	2	Standard
[	Be	9	0.028	ug/L	0.003	12	4	200	9	Standard
	C	13		ug/L			30456	32869	2	Standard
	Cl	37		ug/L			6901546	7470889	0	Standard
[>	Sc	45		ug/L			1525311	1545503	3	Standard
[	V	51	6.674	ug/L	0.069	1	7633	232532	3	Standard
[	V-1	51	6.955	ug/L	0.160	2	424	237223	1	Standard
[	Cr	52	32.526	ug/L	0.686	2	22604	962409	1	Standard
[	Cr	53	32.503	ug/L	1.098	3	248	110252	1	Standard
[	Fe	54	5526.790	ug/L	115.846	2	109957	18273972	1	Standard
[	Fe	57	5678.865	ug/L	167.556	2	21890	7027007	0	Standard
[	Mn	55	481.963	ug/L	13.816	2	1100	21111613	1	Standard
[>	Ge	72		ug/L			100487	101869	2	KED
[	Co	59	1.157	ug/L	0.011	0	8	7026	2	KED
[	Ni	60	6.912	ug/L	0.094	1	63	12196	1	KED
[	Ni	62	7.001	ug/L	0.181	2	15	2026	3	KED
[	Cu	63	23.573	ug/L	0.361	1	220	121309	0	KED
[	Cu	65	23.755	ug/L	0.346	1	102	60749	1	KED
[	Zn	66	178.805	ug/L	0.895	0	217	129787	2	KED
[	Zn	67	167.669	ug/L	3.073	1	33	20167	2	KED
[	As	75	0.889	ug/L	0.043	4	4	329	4	KED
[	Se	78	0.078	ug/L	0.062	80	14	18	12	KED
	Y	89		ug/L			787121	787373	1	Standard
	Kr	83		ug/L			329	344	6	Standard
[>	In-1	115		ug/L			30151	28938	0	KED
[	Mo	98	0.973	ug/L	0.019	1	4	1859	1	KED
[	Cd	111	0.259	ug/L	0.015	5	3	115	5	KED
[	Cd	114	0.218	ug/L	0.015	6	4	248	7	KED
[>	In	115		ug/L			1531029	1533550	2	Standard
[	Ag	107	0.050	ug/L	0.004	7	86	1013	5	Standard
[	Sb	121	0.014	ug/L	0.002	12	67	384	9	Standard
[	Sb	123	0.015	ug/L	0.002	14	51	320	14	Standard
[	Ba	135	31.101	ug/L	0.703	2	44	250393	0	Standard
[	Ba	137	30.717	ug/L	0.745	2	73	436861	0	Standard
[>	Tb	159		ug/L			2910281	3029768	0	Standard
[	Tl	205	0.006	ug/L	0.000	2	83	710	3	Standard
[	Pb	208	15.231	ug/L	0.122	0	1932	1945088	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-03
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:21:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1116628	1	Standard
[	Be	9	0.007	ug/L	0.001	12	4	51	12	Standard
	C	13		ug/L			30456	51776	1	Standard
	Cl	37		ug/L			6901546	9021426	0	Standard
[>	Sc	45		ug/L			1525311	1643662	1	Standard
[	V	51	0.617	ug/L	0.011	1	7633	30324	2	Standard
[	V-1	51	2.397	ug/L	0.039	1	424	87303	1	Standard
[	Cr	52	0.511	ug/L	0.022	4	22604	40044	1	Standard
[	Cr	53	6.242	ug/L	0.140	2	248	22746	1	Standard
[	Fe	54	3461.177	ug/L	38.404	1	109957	12220487	0	Standard
[	Fe	57	3562.558	ug/L	28.406	0	21890	4700271	1	Standard
[	Mn	55	223.189	ug/L	2.138	0	1100	10403914	0	Standard
[>	Ge	72		ug/L			100487	96769	0	KED
[	Co	59	0.081	ug/L	0.005	6	8	476	6	KED
[	Ni	60	0.432	ug/L	0.005	1	63	782	1	KED
[	Ni	62	0.496	ug/L	0.053	10	15	150	8	KED
[	Cu	63	0.497	ug/L	0.016	3	220	2636	3	KED
[	Cu	65	0.496	ug/L	0.016	3	102	1301	2	KED
[	Zn	66	0.337	ug/L	0.046	13	217	441	6	KED
[	Zn	67	0.523	ug/L	0.018	3	33	91	2	KED
[	As	75	0.553	ug/L	0.028	5	4	196	4	KED
[	Se	78	0.130	ug/L	0.030	23	14	19	6	KED
	Y	89		ug/L			787121	733159	0	Standard
	Kr	83		ug/L			329	344	6	Standard
[>	In-1	115		ug/L			30151	27189	2	KED
[	Mo	98	22.078	ug/L	0.582	2	4	39558	0	KED
[	Cd	111	0.013	ug/L	0.008	60	3	8	35	KED
[	Cd	114	0.007	ug/L	0.007	102	4	11	69	KED
[>	In	115		ug/L			1531029	1425713	1	Standard
[	Ag	107	0.000	ug/L	0.001	770	86	81	14	Standard
[	Sb	121	0.039	ug/L	0.002	6	67	890	4	Standard
[	Sb	123	0.042	ug/L	0.002	3	51	724	4	Standard
[	Ba	135	3.584	ug/L	0.109	3	44	26857	1	Standard
[	Ba	137	3.536	ug/L	0.110	3	73	46816	2	Standard
[>	Tb	159		ug/L			2910281	2918584	0	Standard
[	Tl	205	0.002	ug/L	0.000	3	83	225	2	Standard
[	Pb	208	0.117	ug/L	0.002	1	1932	16286	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:28:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1219582	4	Standard
[	Be	9	0.039	ug/L	0.002	4	4	290	3	Standard
	C	13		ug/L			30456	49189	0	Standard
	Cl	37		ug/L			6901546	6644391	1	Standard
[>	Sc	45		ug/L			1525311	1678889	1	Standard
[	V	51	4.908	ug/L	0.106	2	7633	187964	0	Standard
[	V-1	51	4.943	ug/L	0.103	2	424	183342	0	Standard
[	Cr	52	0.833	ug/L	0.009	1	22604	51017	0	Standard
[	Cr	53	1.091	ug/L	0.003	0	248	4286	1	Standard
[	Fe	54	1558.208	ug/L	29.714	1	109957	5685542	0	Standard
[	Fe	57	1601.219	ug/L	24.040	1	21890	2170945	1	Standard
[	Mn	55	824.094	ug/L	18.745	2	1100	39230399	0	Standard
[>	Ge	72		ug/L			100487	99910	0	KED
[	Co	59	3.697	ug/L	0.063	1	8	22007	1	KED
[	Ni	60	8.572	ug/L	0.106	1	63	14822	1	KED
[	Ni	62	8.642	ug/L	0.215	2	15	2449	2	KED
[	Cu	63	5.935	ug/L	0.032	0	220	30127	0	KED
[	Cu	65	5.871	ug/L	0.135	2	102	14802	2	KED
[	Zn	66	3.758	ug/L	0.108	2	217	2887	2	KED
[	Zn	67	4.028	ug/L	0.259	6	33	507	6	KED
[	As	75	1.145	ug/L	0.019	1	4	415	1	KED
[	Se	78	0.230	ug/L	0.140	60	14	23	23	KED
	Y	89		ug/L			787121	813325	0	Standard
	Kr	83		ug/L			329	316	7	Standard
[>	In-1	115		ug/L			30151	27928	0	KED
[	Mo	98	0.775	ug/L	0.018	2	4	1431	2	KED
[	Cd	111	0.165	ug/L	0.017	10	3	72	10	KED
[	Cd	114	0.165	ug/L	0.015	8	4	182	8	KED
[>	In	115		ug/L			1531029	1443370	1	Standard
[	Ag	107	0.006	ug/L	0.001	22	86	188	14	Standard
[	Sb	121	0.089	ug/L	0.002	2	67	1981	2	Standard
[	Sb	123	0.093	ug/L	0.002	2	51	1570	1	Standard
[	Ba	135	11.302	ug/L	0.158	1	44	85685	0	Standard
[	Ba	137	11.251	ug/L	0.164	1	73	150678	0	Standard
[>	Tb	159		ug/L			2910281	2963882	0	Standard
[	Tl	205	0.082	ug/L	0.002	2	83	7915	1	Standard
[	Pb	208	1.063	ug/L	0.013	1	1932	134646	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:33:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1148438	3	Standard
[	Be	9	0.037	ug/L	0.006	17	4	257	15	Standard
	C	13		ug/L			30456	49015	2	Standard
	Cl	37		ug/L			6901546	6496442	1	Standard
[>	Sc	45		ug/L			1525311	1628575	1	Standard
[	V	51	5.119	ug/L	0.096	1	7633	189863	1	Standard
[	V-1	51	5.148	ug/L	0.088	1	424	185247	1	Standard
[	Cr	52	0.802	ug/L	0.031	3	22604	48563	2	Standard
[	Cr	53	1.050	ug/L	0.006	0	248	4011	1	Standard
[	Fe	54	1614.770	ug/L	7.557	0	109957	5712004	1	Standard
[	Fe	57	1656.340	ug/L	17.112	1	21890	2177646	1	Standard
[	Mn	55	844.564	ug/L	3.932	0	1100	39009215	1	Standard
[>	Ge	72		ug/L			100487	96711	0	KED
[	Co	59	3.782	ug/L	0.082	2	8	21789	1	KED
[	Ni	60	8.744	ug/L	0.035	0	63	14634	0	KED
[	Ni	62	8.965	ug/L	0.168	1	15	2458	0	KED
[	Cu	63	6.032	ug/L	0.208	3	220	29629	2	KED
[	Cu	65	6.010	ug/L	0.130	2	102	14663	1	KED
[	Zn	66	3.731	ug/L	0.083	2	217	2775	1	KED
[	Zn	67	4.309	ug/L	0.199	4	33	523	5	KED
[	As	75	1.190	ug/L	0.020	1	4	417	2	KED
[	Se	78	0.302	ug/L	0.094	31	14	25	13	KED
	Y	89		ug/L			787121	794191	2	Standard
	Kr	83		ug/L			329	343	4	Standard
[>	In-1	115		ug/L			30151	27030	1	KED
[	Mo	98	0.901	ug/L	0.041	4	4	1608	2	KED
[	Cd	111	0.150	ug/L	0.025	16	3	63	14	KED
[	Cd	114	0.156	ug/L	0.018	11	4	166	10	KED
[>	In	115		ug/L			1531029	1409737	0	Standard
[	Ag	107	0.007	ug/L	0.002	25	86	205	15	Standard
[	Sb	121	0.065	ug/L	0.002	2	67	1422	2	Standard
[	Sb	123	0.064	ug/L	0.001	1	51	1078	1	Standard
[	Ba	135	11.688	ug/L	0.127	1	44	86548	0	Standard
[	Ba	137	11.522	ug/L	0.220	1	73	150719	1	Standard
[>	Tb	159		ug/L			2910281	2898949	1	Standard
[	Tl	205	0.094	ug/L	0.000	0	83	8843	2	Standard
[	Pb	208	1.101	ug/L	0.019	1	1932	136332	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:38:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1130207	1	Standard
[	Be	9	25.124	ug/L	0.277	1	4	170688	0	Standard
	C	13		ug/L			30456	49108	1	Standard
	Cl	37		ug/L			6901546	6838811	0	Standard
[>	Sc	45		ug/L			1525311	1702754	2	Standard
[	V	51	26.792	ug/L	0.102	0	7633	1002817	1	Standard
[	V-1	51	26.758	ug/L	0.074	0	424	1004708	1	Standard
[	Cr	52	22.585	ug/L	0.114	0	22604	744253	1	Standard
[	Cr	53	22.626	ug/L	0.046	0	248	84705	1	Standard
[	Fe	54	6041.344	ug/L	57.228	0	109957	22006901	2	Standard
[	Fe	57	6155.943	ug/L	59.706	0	21890	8395394	1	Standard
[	Mn	55	862.057	ug/L	14.896	1	1100	41621423	1	Standard
[>	Ge	72		ug/L			100487	96813	0	KED
[	Co	59	29.661	ug/L	0.200	0	8	171045	0	KED
[	Ni	60	51.226	ug/L	0.343	0	63	85527	0	KED
[	Ni	62	50.900	ug/L	0.520	1	15	13903	0	KED
[	Cu	63	30.521	ug/L	0.395	1	220	149237	1	KED
[	Cu	65	31.339	ug/L	0.084	0	102	76141	0	KED
[	Zn	66	82.170	ug/L	0.530	0	217	56792	0	KED
[	Zn	67	79.057	ug/L	2.533	3	33	9054	2	KED
[	As	75	25.908	ug/L	0.303	1	4	9013	0	KED
[	Se	78	75.788	ug/L	1.332	1	14	2944	1	KED
	Y	89		ug/L			787121	774166	1	Standard
	Kr	83		ug/L			329	372	3	Standard
[>	In-1	115		ug/L			30151	27003	0	KED
[	Mo	98	0.935	ug/L	0.075	8	4	1668	7	KED
[	Cd	111	24.857	ug/L	0.540	2	3	10033	2	KED
[	Cd	114	24.644	ug/L	0.625	2	4	25758	2	KED
[>	In	115		ug/L			1531029	1404634	3	Standard
[	Ag	107	24.581	ug/L	0.824	3	86	413905	2	Standard
[	Sb	121	0.090	ug/L	0.004	4	67	1941	2	Standard
[	Sb	123	0.092	ug/L	0.006	6	51	1515	2	Standard
[	Ba	135	37.192	ug/L	0.987	2	44	274198	0	Standard
[	Ba	137	36.699	ug/L	1.185	3	73	477906	0	Standard
[>	Tb	159		ug/L			2910281	2943033	0	Standard
[	Tl	205	25.097	ug/L	0.190	0	83	2376955	0	Standard
[	Pb	208	24.485	ug/L	0.204	0	1932	3036296	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:44:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1160282	1	Standard
	Be	9	24.504	ug/L	0.280	1	4	170897	0	Standard
	C	13		ug/L			30456	51565	1	Standard
	Cl	37		ug/L			6901546	6859926	0	Standard
>	Sc	45		ug/L			1525311	1696568	1	Standard
	V	51	26.768	ug/L	0.011	0	7633	998306	1	Standard
	V-1	51	26.815	ug/L	0.085	0	424	1003251	1	Standard
	Cr	52	22.696	ug/L	0.213	0	22604	745071	0	Standard
	Cr	53	22.996	ug/L	0.212	0	248	85774	1	Standard
	Fe	54	6013.212	ug/L	24.575	0	109957	21826348	1	Standard
	Fe	57	6211.201	ug/L	67.949	1	21890	8440514	1	Standard
	Mn	55	842.532	ug/L	10.167	1	1100	40534754	0	Standard
>	Ge	72		ug/L			100487	96042	0	KED
	Co	59	29.613	ug/L	0.062	0	8	169408	0	KED
	Ni	60	34.291	ug/L	0.230	0	63	56818	1	KED
	Ni	62	34.218	ug/L	0.348	1	15	9277	1	KED
	Cu	63	30.840	ug/L	0.146	0	220	149593	0	KED
	Cu	65	30.878	ug/L	0.362	1	102	74427	1	KED
	Zn	66	83.886	ug/L	0.930	1	217	57511	0	KED
	Zn	67	80.129	ug/L	3.111	3	33	9105	4	KED
	As	75	26.103	ug/L	0.062	0	4	9009	0	KED
	Se	78	78.785	ug/L	0.581	0	14	3035	0	KED
	Y	89		ug/L			787121	797487	0	Standard
	Kr	83		ug/L			329	358	12	Standard
>	In-1	115		ug/L			30151	26914	0	KED
	Mo	98	0.939	ug/L	0.029	3	4	1670	3	KED
	Cd	111	24.831	ug/L	0.091	0	3	9990	0	KED
	Cd	114	25.281	ug/L	0.228	0	4	26340	1	KED
>	In	115		ug/L			1531029	1400802	2	Standard
	Ag	107	24.825	ug/L	0.592	2	86	417008	2	Standard
	Sb	121	0.099	ug/L	0.002	1	67	2125	2	Standard
	Sb	123	0.099	ug/L	0.005	5	51	1625	3	Standard
	Ba	135	37.195	ug/L	1.187	3	44	273458	0	Standard
	Ba	137	37.020	ug/L	0.908	2	73	480887	0	Standard
>	Tb	159		ug/L			2910281	2913701	0	Standard
	Tl	205	25.303	ug/L	0.198	0	83	2372640	0	Standard
	Pb	208	24.933	ug/L	0.113	0	1932	3060925	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:52:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1142047	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	286	4	5	57	Standard
	C	**13**		ug/L			30456	29023	3	Standard
	Cl	**37**		ug/L			6901546	6692731	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1447885	1	Standard
⌈	**V**	**51**	**0.012**	ug/L	0.004	28	7633	7629	0	Standard
⌊	**V-1**	**51**	**0.018**	ug/L	0.001	6	424	967	3	Standard
⌈	**Cr**	**52**	**0.045**	ug/L	0.013	28	22604	22683	0	Standard
⌊	**Cr**	**53**	**0.062**	ug/L	0.005	7	248	432	2	Standard
⌈	**Fe**	**54**	**0.679**	ug/L	0.659	97	109957	106455	1	Standard
⌊	**Fe**	**57**	**6.032**	ug/L	0.304	5	21890	27758	2	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	10	1100	1373	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	98541	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	153	8	7	25	KED
⌊	**Ni**	**60**	**-0.016**	ug/L	0.004	23	63	35	16	KED
⌈	**Ni**	**62**	**-0.001**	ug/L	0.025	2215	15	15	45	KED
⌈	**Cu**	**63**	**-0.007**	ug/L	0.001	17	220	181	1	KED
⌊	**Cu**	**65**	**-0.014**	ug/L	0.005	33	102	67	18	KED
⌈	**Zn**	**66**	**-0.082**	ug/L	0.025	30	217	156	10	KED
⌊	**Zn**	**67**	**0.005**	ug/L	0.075	1526	33	33	27	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.004	124	4	3	37	KED
⌊	**Se**	**78**	**0.001**	ug/L	0.070	6463	14	14	19	KED
	Y	**89**		ug/L			787121	717422	1	Standard
	Kr	**83**		ug/L			329	306	6	Standard
⌈>	**In-1**	**115**		ug/L			30151	27920	0	KED
⌈	**Mo**	**98**	**0.000**	ug/L	0.001	402	4	5	45	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.004	68	3	5	26	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	106	4	3	33	KED
⌈>	**In**	**115**		ug/L			1531029	1417049	2	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	2036	86	80	20	Standard
⌈	**Sb**	**121**	**0.000**	ug/L	0.001	154	67	69	18	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.000	33	51	67	11	Standard
⌈	**Ba**	**135**	**0.009**	ug/L	0.003	31	44	104	20	Standard
⌊	**Ba**	**137**	**0.008**	ug/L	0.002	27	73	173	18	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2847403	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	114	83	105	26	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.001	13	1932	1335	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 20:58:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1135216	1	Standard
	Be	**9**	**50.797**	ug/L	0.850	1	4	346611	0	Standard
	C	**13**		ug/L			30456	27703	1	Standard
	Cl	**37**		ug/L			6901546	7616982	0	Standard
>	**Sc**	**45**		ug/L			1525311	1446675	0	Standard
	V	**51**	**50.176**	ug/L	0.395	0	7633	1589283	0	Standard
	V-1	**51**	**50.263**	ug/L	0.303	0	424	1603053	0	Standard
	Cr	**52**	**50.389**	ug/L	0.760	1	22604	1384378	0	Standard
	Cr	**53**	**50.660**	ug/L	0.573	1	248	160838	1	Standard
	Fe	**54**	**5159.636**	ug/L	24.029	0	109957	15984092	1	Standard
	Fe	**57**	**5130.879**	ug/L	88.537	1	21890	5949492	2	Standard
	Mn	**55**	**51.853**	ug/L	0.288	0	1100	2128415	0	Standard
>	**Ge**	**72**		ug/L			100487	100376	1	KED
	Co	**59**	**49.262**	ug/L	1.226	2	8	294470	1	KED
	Ni	**60**	**49.516**	ug/L	0.595	1	63	85709	0	KED
	Ni	**62**	**50.093**	ug/L	1.308	2	15	14184	1	KED
	Cu	**63**	**49.689**	ug/L	0.726	1	220	251734	0	KED
	Cu	**65**	**49.740**	ug/L	1.282	2	102	125216	1	KED
	Zn	**66**	**50.549**	ug/L	1.083	2	217	36301	1	KED
	Zn	**67**	**51.534**	ug/L	0.960	1	33	6131	2	KED
	As	**75**	**49.169**	ug/L	0.870	1	4	17730	0	KED
	Se	**78**	**49.618**	ug/L	0.545	1	14	2003	0	KED
	Y	**89**		ug/L			787121	727000	0	Standard
	Kr	**83**		ug/L			329	274	6	Standard
>	**In-1**	**115**		ug/L			30151	27472	1	KED
	Mo	**98**	**48.935**	ug/L	0.939	1	4	88613	1	KED
	Cd	**111**	**50.069**	ug/L	0.596	1	3	20557	0	KED
	Cd	**114**	**49.702**	ug/L	0.410	0	4	52848	0	KED
>	**In**	**115**		ug/L			1531029	1399030	3	Standard
	Ag	**107**	**50.263**	ug/L	1.470	2	86	842791	0	Standard
	Sb	**121**	**49.258**	ug/L	0.926	1	67	1024345	1	Standard
	Sb	**123**	**50.501**	ug/L	1.222	2	51	802740	0	Standard
	Ba	**135**	**49.861**	ug/L	1.487	2	44	366061	0	Standard
	Ba	**137**	**49.964**	ug/L	1.761	3	73	647923	0	Standard
>	**Tb**	**159**		ug/L			2910281	2922873	1	Standard
	Tl	**205**	**49.912**	ug/L	1.330	2	83	4694612	2	Standard
	Pb	**208**	**48.790**	ug/L	0.660	1	1932	6007124	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:05:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1140590	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	222	4	6	62	Standard
	C	**13**		ug/L			30456	26292	0	Standard
	Cl	**37**		ug/L			6901546	7236227	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1428661	0	Standard
⎢	**V**	**51**	**0.008**	ug/L	0.007	92	7633	7391	3	Standard
⎢	**V-1**	**51**	**0.015**	ug/L	0.001	4	424	867	3	Standard
⎢	**Cr**	**52**	**0.028**	ug/L	0.015	54	22604	21911	1	Standard
⎢	**Cr**	**53**	**0.050**	ug/L	0.009	17	248	389	7	Standard
⎢	**Fe**	**54**	**0.624**	ug/L	0.362	57	109957	104886	1	Standard
⎢	**Fe**	**57**	**11.095**	ug/L	0.351	3	21890	33164	1	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	12	1100	1299	2	Standard
⌈>	**Ge**	**72**		ug/L			100487	98086	2	KED
⎢	**Co**	**59**	**-0.000**	ug/L	0.001	171	8	6	62	KED
⎢	**Ni**	**60**	**-0.008**	ug/L	0.004	44	63	48	9	KED
⎢	**Ni**	**62**	**0.008**	ug/L	0.020	247	15	17	32	KED
⎢	**Cu**	**63**	**-0.000**	ug/L	0.005	7965	220	215	11	KED
⎢	**Cu**	**65**	**0.009**	ug/L	0.010	108	102	122	17	KED
⎢	**Zn**	**66**	**0.005**	ug/L	0.016	356	217	215	6	KED
⎢	**Zn**	**67**	**-0.004**	ug/L	0.044	992	33	31	17	KED
⎢	**As**	**75**	**-0.001**	ug/L	0.001	233	4	4	13	KED
⌊	**Se**	**78**	**0.041**	ug/L	0.056	135	14	15	10	KED
	Y	**89**		ug/L			787121	713308	0	Standard
	Kr	**83**		ug/L			329	296	6	Standard
⌈>	**In-1**	**115**		ug/L			30151	27378	1	KED
⎢	**Mo**	**98**	**0.008**	ug/L	0.001	19	4	18	14	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.004	132	3	1	86	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	237	4	4	45	KED
⌈>	**In**	**115**		ug/L			1531029	1410524	0	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.000	150	86	76	5	Standard
⎢	**Sb**	**121**	**0.050**	ug/L	0.001	1	67	1120	1	Standard
⎢	**Sb**	**123**	**0.052**	ug/L	0.002	2	51	880	3	Standard
⎢	**Ba**	**135**	**0.008**	ug/L	0.002	23	44	102	13	Standard
⌊	**Ba**	**137**	**0.009**	ug/L	0.001	15	73	179	9	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2864863	0	Standard
⎢	**Tl**	**205**	**0.002**	ug/L	0.000	7	83	227	4	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	377	1932	1895	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:11:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1171448	2	Standard
[	Be	9	0.001	ug/L	0.000	25	4	8	13	Standard
	C	13		ug/L			30456	44534	0	Standard
	Cl	37		ug/L			6901546	7086489	0	Standard
[>	Sc	45		ug/L			1525311	1457900	0	Standard
[	V	51	0.040	ug/L	0.001	2	7633	8563	0	Standard
[	V-1	51	0.043	ug/L	0.000	0	424	1777	0	Standard
[	Cr	52	0.330	ug/L	0.007	2	22604	30604	0	Standard
[	Cr	53	0.329	ug/L	0.007	2	248	1287	1	Standard
[	Fe	54	12.032	ug/L	0.948	7	109957	142430	2	Standard
[	Fe	57	16.073	ug/L	0.253	1	21890	39640	1	Standard
[	Mn	55	0.055	ug/L	0.001	2	1100	3317	1	Standard
[>	Ge	72		ug/L			100487	99890	1	KED
[	Co	59	0.003	ug/L	0.001	31	8	27	21	KED
[	Ni	60	-0.012	ug/L	0.004	34	63	41	16	KED
[	Ni	62	0.016	ug/L	0.011	66	15	20	14	KED
[	Cu	63	0.010	ug/L	0.004	45	220	269	9	KED
[	Cu	65	0.009	ug/L	0.005	58	102	125	11	KED
[	Zn	66	0.564	ug/L	0.058	10	217	617	6	KED
[	Zn	67	0.493	ug/L	0.146	29	33	90	18	KED
[	As	75	0.000	ug/L	0.006	1234	4	4	46	KED
[	Se	78	-0.035	ug/L	0.074	212	14	13	22	KED
	Y	89		ug/L			787121	743005	0	Standard
	Kr	83		ug/L			329	315	4	Standard
[>	In-1	115		ug/L			30151	28785	1	KED
[	Mo	98	0.006	ug/L	0.002	28	4	16	21	KED
[	Cd	111	0.000	ug/L	0.004	866	3	3	41	KED
[	Cd	114	0.003	ug/L	0.003	99	4	7	45	KED
[>	In	115		ug/L			1531029	1489489	1	Standard
[	Ag	107	0.001	ug/L	0.001	70	86	104	13	Standard
[	Sb	121	0.019	ug/L	0.002	8	67	486	6	Standard
[	Sb	123	0.022	ug/L	0.000	2	51	425	3	Standard
[	Ba	135	0.095	ug/L	0.005	5	44	787	5	Standard
[	Ba	137	0.091	ug/L	0.007	7	73	1333	6	Standard
[>	Tb	159		ug/L			2910281	2957088	0	Standard
[	Tl	205	0.001	ug/L	0.000	26	83	179	13	Standard
[	Pb	208	0.011	ug/L	0.000	4	1932	3381	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:15:54

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1092901	9	Standard
	Be	**9**	**21.285**	ug/L	1.784	8	4	139069	2	Standard
	C	**13**		ug/L			30456	46704	2	Standard
	Cl	**37**		ug/L			6901546	7714855	1	Standard
>	**Sc**	**45**		ug/L			1525311	1410440	7	Standard
	V	**51**	**21.272**	ug/L	1.424	6	7633	658870	1	Standard
	V-1	**51**	**21.291**	ug/L	1.566	7	424	659920	1	Standard
	Cr	**52**	**21.924**	ug/L	0.940	4	22604	597893	3	Standard
	Cr	**53**	**21.962**	ug/L	1.414	6	248	67897	1	Standard
	Fe	**54**	**5465.747**	ug/L	421.725	7	109957	16440054	0	Standard
	Fe	**57**	**5430.896**	ug/L	390.028	7	21890	6116689	1	Standard
	Mn	**55**	**24.342**	ug/L	1.581	6	1100	971563	1	Standard
>	**Ge**	**72**		ug/L			100487	99362	0	KED
	Co	**59**	**21.284**	ug/L	0.462	2	8	125969	2	KED
	Ni	**60**	**20.845**	ug/L	0.347	1	63	35756	1	KED
	Ni	**62**	**20.943**	ug/L	0.461	2	15	5880	2	KED
	Cu	**63**	**20.591**	ug/L	0.147	0	220	103404	0	KED
	Cu	**65**	**20.855**	ug/L	0.123	0	102	52036	0	KED
	Zn	**66**	**65.080**	ug/L	0.469	0	217	46209	0	KED
	Zn	**67**	**61.918**	ug/L	1.496	2	33	7285	2	KED
	As	**75**	**19.994**	ug/L	0.087	0	4	7140	0	KED
	Se	**78**	**61.609**	ug/L	1.336	2	14	2459	2	KED
	Y	**89**		ug/L			787121	699848	8	Standard
	Kr	**83**		ug/L			329	296	5	Standard
>	**In-1**	**115**		ug/L			30151	28063	2	KED
	Mo	**98**	**23.566**	ug/L	0.670	2	4	43579	0	KED
	Cd	**111**	**20.034**	ug/L	0.670	3	3	8400	0	KED
	Cd	**114**	**20.128**	ug/L	0.402	1	4	21862	2	KED
>	**In**	**115**		ug/L			1531029	1387966	7	Standard
	Ag	**107**	**21.551**	ug/L	1.733	8	86	357409	1	Standard
	Sb	**121**	**23.789**	ug/L	2.054	8	67	488975	1	Standard
	Sb	**123**	**24.671**	ug/L	1.760	7	51	387961	1	Standard
	Ba	**135**	**21.465**	ug/L	1.484	6	44	155961	1	Standard
	Ba	**137**	**21.281**	ug/L	1.305	6	73	273248	1	Standard
>	**Tb**	**159**		ug/L			2910281	2842206	8	Standard
	Tl	**205**	**20.551**	ug/L	1.626	7	83	1871554	0	Standard
	Pb	**208**	**20.355**	ug/L	1.645	8	1932	2426959	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:21:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1139550	0	Standard
	Be	9	20.388	ug/L	0.401	1	4	139659	1	Standard
	C	13		ug/L			30456	47509	1	Standard
	Cl	37		ug/L			6901546	7724915	0	Standard
>	Sc	45		ug/L			1525311	1464605	0	Standard
	V	51	20.670	ug/L	0.103	0	7633	667186	1	Standard
	V-1	51	20.691	ug/L	0.110	0	424	668380	1	Standard
	Cr	52	21.002	ug/L	0.212	1	22604	596877	1	Standard
	Cr	53	21.058	ug/L	0.278	1	248	67828	2	Standard
	Fe	54	5224.651	ug/L	34.640	0	109957	16384195	0	Standard
	Fe	57	5177.643	ug/L	52.656	1	21890	6077210	0	Standard
	Mn	55	23.152	ug/L	0.204	0	1100	962742	1	Standard
>	Ge	72		ug/L			100487	98423	0	KED
	Co	59	21.125	ug/L	0.559	2	8	123830	1	KED
	Ni	60	20.914	ug/L	0.319	1	63	35533	1	KED
	Ni	62	20.516	ug/L	0.138	0	15	5706	0	KED
	Cu	63	20.399	ug/L	0.096	0	220	101473	0	KED
	Cu	65	20.616	ug/L	0.120	0	102	50953	0	KED
	Zn	66	64.776	ug/L	0.744	1	217	45557	0	KED
	Zn	67	61.562	ug/L	1.677	2	33	7176	3	KED
	As	75	20.129	ug/L	0.285	1	4	7120	0	KED
	Se	78	62.314	ug/L	0.931	1	14	2463	1	KED
	Y	89		ug/L			787121	736765	2	Standard
	Kr	83		ug/L			329	308	3	Standard
>	In-1	115		ug/L			30151	27879	2	KED
	Mo	98	23.247	ug/L	0.711	3	4	42705	1	KED
	Cd	111	20.245	ug/L	0.510	2	3	8434	1	KED
	Cd	114	20.422	ug/L	0.441	2	4	22033	1	KED
>	In	115		ug/L			1531029	1430338	2	Standard
	Ag	107	21.147	ug/L	0.102	0	86	362769	2	Standard
	Sb	121	23.510	ug/L	0.422	1	67	499940	0	Standard
	Sb	123	23.978	ug/L	0.747	3	51	389729	1	Standard
	Ba	135	20.869	ug/L	0.520	2	44	156712	0	Standard
	Ba	137	20.363	ug/L	0.531	2	73	270111	0	Standard
>	Tb	159		ug/L			2910281	2932271	1	Standard
	Tl	205	19.709	ug/L	0.120	0	83	1859936	1	Standard
	Pb	208	19.716	ug/L	0.229	1	1932	2436167	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-04RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:30:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1112460	0	Standard
[	Be	9	0.004	ug/L	0.000	10	4	32	10	Standard
	C	13		ug/L			30456	51323	0	Standard
	Cl	37		ug/L			6901546	9146948	0	Standard
[>	Sc	45		ug/L			1525311	1630159	2	Standard
[	V	51	0.449	ug/L	0.010	2	7633	24104	3	Standard
[	V-1	51	2.395	ug/L	0.044	1	424	86474	1	Standard
[	Cr	52	0.265	ug/L	0.035	13	22604	32222	1	Standard
[	Cr	53	6.531	ug/L	0.191	2	248	23586	1	Standard
[	Fe	54	2660.389	ug/L	42.516	1	109957	9342305	2	Standard
[	Fe	57	2655.799	ug/L	87.986	3	21890	3479348	1	Standard
[	Mn	55	215.086	ug/L	2.618	1	1100	9943454	2	Standard
[>	Ge	72		ug/L			100487	92690	2	KED
[	Co	59	0.065	ug/L	0.004	5	8	366	5	KED
[	Ni	60	0.381	ug/L	0.023	6	63	666	3	KED
[	Ni	62	0.362	ug/L	0.047	13	15	109	11	KED
[	Cu	63	0.441	ug/L	0.018	4	220	2266	3	KED
[	Cu	65	0.431	ug/L	0.007	1	102	1097	2	KED
[	Zn	66	0.813	ug/L	0.022	2	217	736	0	KED
[	Zn	67	0.833	ug/L	0.136	16	33	121	10	KED
[	As	75	0.502	ug/L	0.013	2	4	171	4	KED
[	Se	78	0.070	ug/L	0.037	52	14	16	7	KED
	Y	89		ug/L			787121	715349	3	Standard
	Kr	83		ug/L			329	320	0	Standard
[>	In-1	115		ug/L			30151	27204	0	KED
[	Mo	98	21.574	ug/L	0.325	1	4	38689	0	KED
[	Cd	111	0.002	ug/L	0.005	289	3	3	50	KED
[	Cd	114	0.009	ug/L	0.006	73	4	12	51	KED
[>	In	115		ug/L			1531029	1350380	2	Standard
[	Ag	107	-0.000	ug/L	0.000	1197	86	75	5	Standard
[	Sb	121	0.042	ug/L	0.002	3	67	892	4	Standard
[	Sb	123	0.044	ug/L	0.004	9	51	727	7	Standard
[	Ba	135	2.607	ug/L	0.060	2	44	18514	0	Standard
[	Ba	137	2.586	ug/L	0.058	2	73	32446	0	Standard
[>	Tb	159		ug/L			2910281	2920804	0	Standard
[	Tl	205	0.002	ug/L	0.000	12	83	251	9	Standard
[	Pb	208	0.011	ug/L	0.001	4	1932	3329	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-02RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:36:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1177152	0	Standard
[	Be	9	0.012	ug/L	0.002	13	4	92	11	Standard
	C	13		ug/L			30456	49861	1	Standard
	Cl	37		ug/L			6901546	6451004	0	Standard
[>	Sc	45		ug/L			1525311	1626926	1	Standard
[	V	51	1.168	ug/L	0.024	2	7633	49547	1	Standard
[	V-1	51	1.237	ug/L	0.019	1	424	44803	1	Standard
[	Cr	52	0.216	ug/L	0.025	11	22604	30682	1	Standard
[	Cr	53	0.473	ug/L	0.016	3	248	1949	1	Standard
[	Fe	54	75.100	ug/L	1.278	1	109957	377174	0	Standard
[	Fe	57	80.217	ug/L	2.163	2	21890	127567	1	Standard
[	Mn	55	255.343	ug/L	0.959	0	1100	11782313	1	Standard
[>	Ge	72		ug/L			100487	97887	0	KED
[	Co	59	0.176	ug/L	0.007	4	8	1036	4	KED
[	Ni	60	2.265	ug/L	0.027	1	63	3882	1	KED
[	Ni	62	2.200	ug/L	0.055	2	15	622	1	KED
[	Cu	63	2.400	ug/L	0.020	0	220	12060	0	KED
[	Cu	65	2.430	ug/L	0.085	3	102	6062	3	KED
[	Zn	66	1.228	ug/L	0.080	6	217	1067	4	KED
[	Zn	67	1.543	ug/L	0.363	23	33	210	19	KED
[	As	75	0.273	ug/L	0.021	7	4	100	7	KED
[	Se	78	0.073	ug/L	0.062	85	14	17	14	KED
	Y	89		ug/L			787121	758762	1	Standard
	Kr	83		ug/L			329	311	7	Standard
[>	In-1	115		ug/L			30151	27547	0	KED
[	Mo	98	0.523	ug/L	0.010	1	4	954	2	KED
[	Cd	111	0.044	ug/L	0.006	13	3	21	11	KED
[	Cd	114	0.033	ug/L	0.008	24	4	39	21	KED
[>	In	115		ug/L			1531029	1462916	2	Standard
[	Ag	107	0.001	ug/L	0.001	97	86	95	11	Standard
[	Sb	121	0.047	ug/L	0.002	4	67	1087	3	Standard
[	Sb	123	0.049	ug/L	0.005	9	51	857	10	Standard
[	Ba	135	4.280	ug/L	0.155	3	44	32898	1	Standard
[	Ba	137	4.203	ug/L	0.150	3	73	57068	1	Standard
[>	Tb	159		ug/L			2910281	2928228	0	Standard
[	Tl	205	0.014	ug/L	0.000	1	83	1429	1	Standard
[	Pb	208	0.027	ug/L	0.001	3	1932	5279	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:42:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1139494	2	Standard
[	Be	9	0.013	ug/L	0.003	23	4	95	23	Standard
	C	13		ug/L			30456	50485	0	Standard
	Cl	37		ug/L			6901546	6216250	1	Standard
[>	Sc	45		ug/L			1525311	1531068	2	Standard
[	V	51	1.165	ug/L	0.003	0	7633	46539	2	Standard
[	V-1	51	1.210	ug/L	0.005	0	424	41250	2	Standard
[	Cr	52	0.241	ug/L	0.014	5	22604	29572	1	Standard
[	Cr	53	0.417	ug/L	0.011	2	248	1650	1	Standard
[	Fe	54	76.106	ug/L	0.455	0	109957	358273	2	Standard
[	Fe	57	82.277	ug/L	1.662	2	21890	122596	3	Standard
[	Mn	55	253.643	ug/L	4.939	1	1100	11015320	3	Standard
[>	Ge	72		ug/L			100487	97570	1	KED
[	Co	59	0.180	ug/L	0.010	5	8	1057	5	KED
[	Ni	60	2.164	ug/L	0.058	2	63	3699	1	KED
[	Ni	62	2.174	ug/L	0.212	9	15	612	8	KED
[	Cu	63	2.322	ug/L	0.040	1	220	11640	1	KED
[	Cu	65	2.425	ug/L	0.107	4	102	6032	5	KED
[	Zn	66	1.436	ug/L	0.054	3	217	1207	3	KED
[	Zn	67	1.681	ug/L	0.112	6	33	225	5	KED
[	As	75	0.265	ug/L	0.003	1	4	97	2	KED
[	Se	78	0.099	ug/L	0.061	61	14	18	11	KED
	Y	89		ug/L			787121	742383	3	Standard
	Kr	83		ug/L			329	305	0	Standard
[>	In-1	115		ug/L			30151	27652	0	KED
[	Mo	98	0.499	ug/L	0.007	1	4	913	1	KED
[	Cd	111	0.048	ug/L	0.013	26	3	23	22	KED
[	Cd	114	0.033	ug/L	0.006	16	4	39	15	KED
[>	In	115		ug/L			1531029	1402813	3	Standard
[	Ag	107	0.001	ug/L	0.000	47	86	96	6	Standard
[	Sb	121	0.083	ug/L	0.002	2	67	1786	1	Standard
[	Sb	123	0.082	ug/L	0.003	4	51	1358	0	Standard
[	Ba	135	4.202	ug/L	0.030	0	44	30990	3	Standard
[	Ba	137	4.229	ug/L	0.071	1	73	55081	2	Standard
[>	Tb	159		ug/L			2910281	2865035	2	Standard
[	Tl	205	0.013	ug/L	0.000	2	83	1311	4	Standard
[	Pb	208	0.031	ug/L	0.002	6	1932	5669	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:48:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1150945	1	Standard
⌊	**Be**	**9**	**22.584**	ug/L	0.580	2	4	156226	1	Standard
	C	**13**		ug/L			30456	48811	0	Standard
	Cl	**37**		ug/L			6901546	6599669	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1662843	0	Standard
⌈	**V**	**51**	**21.655**	ug/L	0.190	0	7633	793215	1	Standard
⌊	**V-1**	**51**	**21.710**	ug/L	0.227	1	424	796217	1	Standard
⌈	**Cr**	**52**	**21.034**	ug/L	0.205	0	22604	678618	0	Standard
⌊	**Cr**	**53**	**21.233**	ug/L	0.147	0	248	77644	0	Standard
⌈	**Fe**	**54**	**4592.796**	ug/L	17.517	0	109957	16366892	0	Standard
⌊	**Fe**	**57**	**4651.656**	ug/L	3.795	0	21890	6201618	0	Standard
	Mn	**55**	**271.397**	ug/L	3.444	1	1100	12798808	0	Standard
⌈>	**Ge**	**72**		ug/L			100487	92086	9	KED
⌈	**Co**	**59**	**25.133**	ug/L	1.579	6	8	137301	3	KED
⌊	**Ni**	**60**	**26.937**	ug/L	2.180	8	63	42585	2	KED
⌈	**Ni**	**62**	**26.482**	ug/L	2.563	9	15	6846	2	KED
⌈	**Cu**	**63**	**26.371**	ug/L	2.178	8	220	122027	1	KED
⌊	**Cu**	**65**	**26.704**	ug/L	1.960	7	102	61444	3	KED
⌈	**Zn**	**66**	**74.695**	ug/L	5.104	6	217	48909	3	KED
⌊	**Zn**	**67**	**73.253**	ug/L	4.030	5	33	7954	4	KED
⌈	**As**	**75**	**23.847**	ug/L	1.930	8	4	7851	2	KED
⌊	**Se**	**78**	**72.679**	ug/L	3.848	5	14	2678	5	KED
	Y	**89**		ug/L			787121	759138	2	Standard
	Kr	**83**		ug/L			329	363	2	Standard
⌈>	**In-1**	**115**		ug/L			30151	27313	2	KED
⌈	**Mo**	**98**	**23.750**	ug/L	0.125	0	4	42763	1	KED
⌈	**Cd**	**111**	**23.064**	ug/L	0.296	1	3	9416	1	KED
⌊	**Cd**	**114**	**22.747**	ug/L	0.299	1	4	24049	2	KED
⌈>	**In**	**115**		ug/L			1531029	1402415	2	Standard
⌈	**Ag**	**107**	**23.532**	ug/L	0.158	0	86	395829	2	Standard
⌊	**Sb**	**121**	**23.788**	ug/L	0.042	0	67	496103	2	Standard
⌈	**Sb**	**123**	**24.161**	ug/L	0.363	1	51	385112	1	Standard
⌈	**Ba**	**135**	**28.619**	ug/L	0.750	2	44	210694	1	Standard
⌊	**Ba**	**137**	**28.252**	ug/L	0.651	2	73	367453	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2948200	0	Standard
⌈	**Tl**	**205**	**23.653**	ug/L	0.380	1	83	2244257	1	Standard
⌊	**Pb**	**208**	**22.208**	ug/L	0.213	0	1932	2758969	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0662-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 21:55:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1107873	1162040	4	Standard
⌊	Be	9	22.790	ug/L	0.761	3	4	159044	1	Standard
	C	13		ug/L			30456	47751	1	Standard
	Cl	37		ug/L			6901546	6678893	0	Standard
⌈>	Sc	45		ug/L			1525311	1670614	1	Standard
⌈	V	51	21.862	ug/L	0.151	0	7633	804359	0	Standard
⌊	V-1	51	21.948	ug/L	0.236	1	424	808623	1	Standard
⌈	Cr	52	21.061	ug/L	0.401	1	22604	682592	1	Standard
⌊	Cr	53	21.368	ug/L	0.277	1	248	78496	1	Standard
⌈	Fe	54	4627.066	ug/L	8.865	0	109957	16565162	0	Standard
⌊	Fe	57	4593.682	ug/L	23.965	0	21890	6153419	1	Standard
	Mn	55	272.667	ug/L	5.132	1	1100	12917762	0	Standard
⌈>	Ge	72		ug/L			100487	94420	0	KED
⌈	Co	59	24.869	ug/L	0.492	1	8	139861	1	KED
⌊	Ni	60	26.142	ug/L	0.293	1	63	42598	1	KED
⌈	Ni	62	26.047	ug/L	0.654	2	15	6947	3	KED
⌈	Cu	63	25.714	ug/L	0.168	0	220	122658	1	KED
⌊	Cu	65	26.510	ug/L	0.390	1	102	62831	1	KED
⌈	Zn	66	73.984	ug/L	1.383	1	217	49886	1	KED
⌊	Zn	67	71.335	ug/L	0.591	0	33	7971	1	KED
⌈	As	75	23.416	ug/L	0.098	0	4	7946	1	KED
⌊	Se	78	70.996	ug/L	0.409	0	14	2690	0	KED
	Y	89		ug/L			787121	767561	1	Standard
	Kr	83		ug/L			329	354	5	Standard
⌈>	In-1	115		ug/L			30151	27721	0	KED
⌈	Mo	98	23.888	ug/L	0.190	0	4	43653	0	KED
⌈	Cd	111	22.886	ug/L	0.277	1	3	9484	1	KED
⌊	Cd	114	22.883	ug/L	0.312	1	4	24554	0	KED
⌈>	In	115		ug/L			1531029	1442598	1	Standard
⌈	Ag	107	23.846	ug/L	0.903	3	86	412628	4	Standard
⌊	Sb	121	23.363	ug/L	0.465	1	67	501100	0	Standard
⌈	Sb	123	24.164	ug/L	0.480	1	51	396220	0	Standard
⌈	Ba	135	27.989	ug/L	0.788	2	44	211990	1	Standard
⌊	Ba	137	27.581	ug/L	0.421	1	73	369087	1	Standard
⌈>	Tb	159		ug/L			2910281	3001381	0	Standard
⌈	Tl	205	23.458	ug/L	0.344	1	83	2265783	1	Standard
⌊	Pb	208	22.093	ug/L	0.130	0	1932	2794074	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-01
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:04:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1166648	2	Standard
[	Be	9	0.002	ug/L	0.001	42	4	19	29	Standard
	C	13		ug/L			30456	48881	1	Standard
	Cl	37		ug/L			6901546	7881069	0	Standard
[>	Sc	45		ug/L			1525311	1529777	0	Standard
[	V	51	0.118	ug/L	0.008	6	7633	11590	1	Standard
[	V-1	51	0.154	ug/L	0.004	2	424	5624	2	Standard
[	Cr	52	0.161	ug/L	0.007	4	22604	27267	0	Standard
[	Cr	53	0.276	ug/L	0.008	2	248	1173	2	Standard
[	Fe	54	55.890	ug/L	0.606	1	109957	292173	0	Standard
[	Fe	57	301.395	ug/L	0.511	0	21890	390198	0	Standard
[	Mn	55	186.699	ug/L	1.217	0	1100	8100850	0	Standard
[>	Ge	72		ug/L			100487	88828	1	KED
[	Co	59	0.017	ug/L	0.001	5	8	98	6	KED
[	Ni	60	0.206	ug/L	0.031	14	63	371	11	KED
[	Ni	62	0.205	ug/L	0.025	12	15	65	10	KED
[	Cu	63	-0.004	ug/L	0.004	81	220	175	10	KED
[	Cu	65	0.046	ug/L	0.008	17	102	194	9	KED
[	Zn	66	0.144	ug/L	0.090	62	217	283	21	KED
[	Zn	67	20.982	ug/L	0.379	1	33	2226	1	KED
[	As	75	0.024	ug/L	0.003	10	4	11	8	KED
[	Se	78	0.042	ug/L	0.052	123	14	14	10	KED
	Y	89		ug/L			787121	695271	1	Standard
	Kr	83		ug/L			329	307	13	Standard
[>	In-1	115		ug/L			30151	26376	1	KED
[	Mo	98	0.030	ug/L	0.001	4	4	56	5	KED
[	Cd	111	0.006	ug/L	0.005	82	3	5	36	KED
[	Cd	114	0.002	ug/L	0.005	311	4	5	91	KED
[>	In	115		ug/L			1531029	1261177	1	Standard
[	Ag	107	0.001	ug/L	0.002	108	86	92	26	Standard
[	Sb	121	0.035	ug/L	0.001	4	67	714	3	Standard
[	Sb	123	0.036	ug/L	0.002	4	51	558	6	Standard
[	Ba	135	398.759	ug/L	11.457	2	44	2639701	1	Standard
[	Ba	137	386.102	ug/L	7.170	1	73	4515767	0	Standard
[>	Tb	159		ug/L			2910281	2873375	0	Standard
[	Tl	205	0.000	ug/L	0.000	49	83	114	13	Standard
[	Pb	208	-0.012	ug/L	0.000	1	1932	453	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:10:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1160236	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	166	4	6	45	Standard
	C	**13**		ug/L			30456	28183	1	Standard
	Cl	**37**		ug/L			6901546	8050955	1	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1409102	1	Standard
⌈	**V**	**51**	**0.024**	ug/L	0.007	28	7633	7796	1	Standard
⌊	**V-1**	**51**	**0.015**	ug/L	0.001	8	424	863	5	Standard
⌈	**Cr**	**52**	**0.072**	ug/L	0.027	37	22604	22768	1	Standard
⌊	**Cr**	**53**	**0.041**	ug/L	0.002	5	248	355	1	Standard
⌈	**Fe**	**54**	**2.047**	ug/L	0.414	20	109957	107702	0	Standard
⌊	**Fe**	**57**	**-1.521**	ug/L	0.324	21	21890	18509	2	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	24	1100	1122	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	98517	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	224	8	6	86	KED
⌊	**Ni**	**60**	**-0.016**	ug/L	0.002	12	63	34	9	KED
⌈	**Ni**	**62**	**-0.017**	ug/L	0.003	19	15	10	10	KED
⌊	**Cu**	**63**	**-0.011**	ug/L	0.004	35	220	161	10	KED
⌈	**Cu**	**65**	**-0.003**	ug/L	0.007	237	102	93	17	KED
⌊	**Zn**	**66**	**-0.061**	ug/L	0.032	51	217	170	13	KED
⌈	**Zn**	**67**	**-0.081**	ug/L	0.060	73	33	22	28	KED
⌊	**As**	**75**	**-0.001**	ug/L	0.005	801	4	4	40	KED
⌊	**Se**	**78**	**-0.024**	ug/L	0.117	489	14	13	33	KED
	Y	**89**		ug/L			787121	730609	3	Standard
	Kr	**83**		ug/L			329	311	9	Standard
⌈>	**In-1**	**115**		ug/L			30151	28241	0	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.002	883	4	4	101	KED
⌊	**Cd**	**111**	**0.002**	ug/L	0.008	390	3	4	81	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.003	137	4	1	219	KED
⌈>	**In**	**115**		ug/L			1531029	1385250	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	2271	86	78	16	Standard
⌈	**Sb**	**121**	**0.001**	ug/L	0.000	24	67	81	7	Standard
⌊	**Sb**	**123**	**0.003**	ug/L	0.001	21	51	90	11	Standard
⌈	**Ba**	**135**	**0.010**	ug/L	0.001	5	44	116	4	Standard
⌊	**Ba**	**137**	**0.011**	ug/L	0.002	17	73	205	13	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2855008	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	136	83	97	21	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.000	9	1932	1466	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:15:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1107873	1140458	2	Standard
	Be	**9**	**50.516**	ug/L	2.078	4	4	346084	1	Standard
	C	**13**		ug/L			30456	26818	0	Standard
	Cl	**37**		ug/L			6901546	7855302	1	Standard
>	**Sc**	**45**		ug/L			1525311	1440007	0	Standard
	V	**51**	**50.025**	ug/L	1.152	2	7633	1577112	1	Standard
	V-1	**51**	**50.029**	ug/L	1.011	2	424	1588143	1	Standard
	Cr	**52**	**50.408**	ug/L	1.481	2	22604	1378429	2	Standard
	Cr	**53**	**50.407**	ug/L	1.085	2	248	159290	1	Standard
	Fe	**54**	**5197.895**	ug/L	124.178	2	109957	16025825	1	Standard
	Fe	**57**	**5157.387**	ug/L	93.959	1	21890	5951648	1	Standard
	Mn	**55**	**52.270**	ug/L	1.047	2	1100	2135495	1	Standard
>	**Ge**	**72**		ug/L			100487	99742	2	KED
	Co	**59**	**49.824**	ug/L	1.305	2	8	295898	0	KED
	Ni	**60**	**49.268**	ug/L	1.241	2	63	84721	0	KED
	Ni	**62**	**49.528**	ug/L	0.443	0	15	13936	1	KED
	Cu	**63**	**48.734**	ug/L	1.464	3	220	245271	0	KED
	Cu	**65**	**49.598**	ug/L	1.151	2	102	124051	0	KED
	Zn	**66**	**50.301**	ug/L	0.853	1	217	35897	1	KED
	Zn	**67**	**50.288**	ug/L	1.272	2	33	5944	0	KED
	As	**75**	**49.004**	ug/L	0.527	1	4	17558	0	KED
	Se	**78**	**49.416**	ug/L	0.255	0	14	1982	1	KED
	Y	**89**		ug/L			787121	727246	1	Standard
	Kr	**83**		ug/L			329	283	9	Standard
>	**In-1**	**115**		ug/L			30151	28031	1	KED
	Mo	**98**	**48.573**	ug/L	0.569	1	4	89746	0	KED
	Cd	**111**	**49.287**	ug/L	1.307	2	3	20644	1	KED
	Cd	**114**	**49.214**	ug/L	1.713	3	4	53378	1	KED
>	**In**	**115**		ug/L			1531029	1427993	3	Standard
	Ag	**107**	**49.938**	ug/L	1.162	2	86	854856	1	Standard
	Sb	**121**	**49.007**	ug/L	1.440	2	67	1040058	1	Standard
	Sb	**123**	**49.307**	ug/L	1.049	2	51	800073	1	Standard
	Ba	**135**	**49.450**	ug/L	1.495	3	44	370579	0	Standard
	Ba	**137**	**49.380**	ug/L	1.616	3	73	653737	1	Standard
>	**Tb**	**159**		ug/L			2910281	2949273	1	Standard
	Tl	**205**	**49.455**	ug/L	0.654	1	83	4693598	1	Standard
	Pb	**208**	**48.615**	ug/L	1.120	2	1932	6038463	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:23:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1118510	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	271	4	5	57	Standard
	C	**13**		ug/L			30456	25455	1	Standard
	Cl	**37**		ug/L			6901546	7473725	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1402226	0	Standard
⌈	**V**	**51**	**0.007**	ug/L	0.006	84	7633	7217	1	Standard
⌊	**V-1**	**51**	**0.010**	ug/L	0.001	14	424	691	5	Standard
⌈	**Cr**	**52**	**0.017**	ug/L	0.019	115	22604	21210	1	Standard
⌊	**Cr**	**53**	**0.026**	ug/L	0.008	28	248	309	7	Standard
⌈	**Fe**	**54**	**1.285**	ug/L	0.349	27	109957	104919	1	Standard
⌊	**Fe**	**57**	**1.605**	ug/L	0.328	20	21890	21919	0	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	331	1100	1000	3	Standard
⌈>	**Ge**	**72**		ug/L			100487	91528	6	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	664	8	7	25	KED
⌊	**Ni**	**60**	**-0.015**	ug/L	0.005	31	63	34	25	KED
⌈	**Ni**	**62**	**-0.015**	ug/L	0.023	152	15	10	61	KED
⌈	**Cu**	**63**	**-0.003**	ug/L	0.003	112	220	187	15	KED
⌊	**Cu**	**65**	**0.006**	ug/L	0.005	83	102	107	13	KED
⌈	**Zn**	**66**	**-0.080**	ug/L	0.032	40	217	147	21	KED
⌊	**Zn**	**67**	**-0.043**	ug/L	0.121	277	33	25	51	KED
⌈	**As**	**75**	**0.005**	ug/L	0.002	44	4	5	8	KED
⌊	**Se**	**78**	**0.023**	ug/L	0.114	485	14	14	22	KED
	Y	**89**		ug/L			787121	715610	1	Standard
	Kr	**83**		ug/L			329	278	10	Standard
⌈>	**In-1**	**115**		ug/L			30151	27815	1	KED
⌈	**Mo**	**98**	**0.008**	ug/L	0.005	64	4	19	47	KED
⌊	**Cd**	**111**	**0.004**	ug/L	0.003	77	3	5	28	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.003	137	4	6	46	KED
⌈>	**In**	**115**		ug/L			1531029	1398346	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	48	86	72	5	Standard
⌈	**Sb**	**121**	**0.053**	ug/L	0.003	6	67	1165	5	Standard
⌊	**Sb**	**123**	**0.056**	ug/L	0.001	0	51	934	1	Standard
⌈	**Ba**	**135**	**0.006**	ug/L	0.001	22	44	81	11	Standard
⌊	**Ba**	**137**	**0.005**	ug/L	0.002	46	73	128	23	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2887669	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	20	83	213	11	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.000	1	1932	1259	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0323-01RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:29:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1145159	2	Standard
[	**Be**	**9**	**0.005**	ug/L	0.001	10	4	40	10	Standard
	C	**13**		ug/L			30456	33101	0	Standard
	Cl	**37**		ug/L			6901546	6802029	0	Standard
[>	**Sc**	**45**		ug/L			1525311	1461073	1	Standard
[	**V**	**51**	**0.557**	ug/L	0.008	1	7633	25063	1	Standard
[	**V-1**	**51**	**0.569**	ug/L	0.011	2	424	18727	1	Standard
[	**Cr**	**52**	**0.134**	ug/L	0.006	4	22604	25311	1	Standard
[	**Cr**	**53**	**0.186**	ug/L	0.014	7	248	833	4	Standard
[	**Fe**	**54**	**178.892**	ug/L	2.421	1	109957	661317	0	Standard
[	**Fe**	**57**	**174.000**	ug/L	1.677	0	21890	223998	0	Standard
[	**Mn**	**55**	**95.659**	ug/L	0.350	0	1100	3964814	1	Standard
[>	**Ge**	**72**		ug/L			100487	97049	1	KED
[	**Co**	**59**	**0.370**	ug/L	0.018	4	8	2148	4	KED
[	**Ni**	**60**	**0.944**	ug/L	0.044	4	63	1640	2	KED
[	**Ni**	**62**	**0.923**	ug/L	0.032	3	15	267	4	KED
[	**Cu**	**63**	**0.620**	ug/L	0.016	2	220	3245	1	KED
[	**Cu**	**65**	**0.609**	ug/L	0.014	2	102	1580	2	KED
[	**Zn**	**66**	**1.753**	ug/L	0.072	4	217	1419	1	KED
[	**Zn**	**67**	**1.825**	ug/L	0.065	3	33	240	2	KED
[	**As**	**75**	**0.125**	ug/L	0.012	9	4	47	7	KED
[	**Se**	**78**	**-0.022**	ug/L	0.129	590	14	13	38	KED
	Y	**89**		ug/L			787121	726334	2	Standard
	Kr	**83**		ug/L			329	335	8	Standard
[>	**In-1**	**115**		ug/L			30151	27822	1	KED
[	**Mo**	**98**	**0.084**	ug/L	0.003	3	4	158	3	KED
[	**Cd**	**111**	**0.020**	ug/L	0.012	60	3	11	44	KED
[	**Cd**	**114**	**0.020**	ug/L	0.008	37	4	25	32	KED
[>	**In**	**115**		ug/L			1531029	1442579	1	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.001	145	86	70	21	Standard
[	**Sb**	**121**	**0.026**	ug/L	0.002	8	67	629	6	Standard
[	**Sb**	**123**	**0.027**	ug/L	0.002	7	51	491	6	Standard
[	**Ba**	**135**	**1.202**	ug/L	0.048	4	44	9145	2	Standard
[	**Ba**	**137**	**1.190**	ug/L	0.038	3	73	15989	1	Standard
[>	**Tb**	**159**		ug/L			2910281	2880410	0	Standard
[	**Tl**	**205**	**0.009**	ug/L	0.000	3	83	871	2	Standard
[	**Pb**	**208**	**0.124**	ug/L	0.001	1	1932	16968	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-DUP2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:34:00

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1107873	1084251	8	Standard
[	**Be**	**9**	**0.006**	ug/L	0.001	13	4	42	14	Standard
	C	**13**		ug/L			30456	32425	1	Standard
	Cl	**37**		ug/L			6901546	6599126	1	Standard
[>	**Sc**	**45**		ug/L			1525311	1391352	9	Standard
[	**V**	**51**	**0.615**	ug/L	0.051	8	7633	25505	3	Standard
[	**V-1**	**51**	**0.617**	ug/L	0.035	5	424	19253	4	Standard
[	**Cr**	**52**	**0.158**	ug/L	0.077	48	22604	24611	1	Standard
[	**Cr**	**53**	**0.183**	ug/L	0.023	12	248	781	1	Standard
[	**Fe**	**54**	**191.157**	ug/L	16.290	8	109957	663148	2	Standard
[	**Fe**	**57**	**184.187**	ug/L	15.654	8	21890	223572	1	Standard
[	**Mn**	**55**	**102.356**	ug/L	8.376	8	1100	4019405	1	Standard
[>	**Ge**	**72**		ug/L			100487	98398	1	KED
[	**Co**	**59**	**0.379**	ug/L	0.013	3	8	2231	4	KED
[	**Ni**	**60**	**0.889**	ug/L	0.056	6	63	1569	4	KED
[	**Ni**	**62**	**0.819**	ug/L	0.088	10	15	242	9	KED
[	**Cu**	**63**	**0.603**	ug/L	0.003	0	220	3211	1	KED
[	**Cu**	**65**	**0.649**	ug/L	0.005	0	102	1701	2	KED
[	**Zn**	**66**	**1.669**	ug/L	0.073	4	217	1381	4	KED
[	**Zn**	**67**	**1.894**	ug/L	0.236	12	33	252	11	KED
[	**As**	**75**	**0.109**	ug/L	0.006	5	4	42	3	KED
[	**Se**	**78**	**-0.023**	ug/L	0.015	64	14	13	5	KED
	Y	**89**		ug/L			787121	702401	7	Standard
	Kr	**83**		ug/L			329	313	5	Standard
[>	**In-1**	**115**		ug/L			30151	26905	1	KED
[	**Mo**	**98**	**0.092**	ug/L	0.005	4	4	167	5	KED
[	**Cd**	**111**	**0.018**	ug/L	0.014	77	3	10	55	KED
[	**Cd**	**114**	**0.022**	ug/L	0.002	10	4	26	7	KED
[>	**In**	**115**		ug/L			1531029	1357151	9	Standard
[	**Ag**	**107**	**-0.000**	ug/L	0.001	285	86	69	17	Standard
[	**Sb**	**121**	**0.015**	ug/L	0.002	14	67	363	8	Standard
[	**Sb**	**123**	**0.016**	ug/L	0.002	13	51	285	11	Standard
[	**Ba**	**135**	**1.288**	ug/L	0.115	8	44	9166	1	Standard
[	**Ba**	**137**	**1.236**	ug/L	0.103	8	73	15541	1	Standard
[>	**Tb**	**159**		ug/L			2910281	2772615	8	Standard
[	**Tl**	**205**	**0.010**	ug/L	0.001	6	83	1000	3	Standard
[	**Pb**	**208**	**0.132**	ug/L	0.012	8	1932	17124	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-MS2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:38:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**			ug/L			1107873	1164254	2	Standard
[	**Be**	**9**		**2.594**	ug/L	0.065	2	4	18149	0	Standard
	C	**13**			ug/L			30456	33478	0	Standard
	Cl	**37**			ug/L			6901546	6628618	0	Standard
[>	**Sc**	**45**			ug/L			1525311	1474503	2	Standard
[	**V**	**51**		**3.071**	ug/L	0.062	2	7633	106060	0	Standard
[	**V-1**	**51**		**3.083**	ug/L	0.057	1	424	100586	1	Standard
[	**Cr**	**52**		**2.719**	ug/L	0.077	2	22604	96797	0	Standard
[	**Cr**	**53**		**2.769**	ug/L	0.064	2	248	9187	2	Standard
[	**Fe**	**54**		**729.077**	ug/L	6.929	0	109957	2393004	1	Standard
[	**Fe**	**57**		**687.117**	ug/L	9.248	1	21890	830210	1	Standard
[	**Mn**	**55**	STL	**106.112**	ug/L	2.316	2	1100	4437339	1	Standard
[>	**Ge**	**72**			ug/L			100487	100734	0	KED
[	**Co**	**59**		**2.925**	ug/L	0.088	3	8	17559	3	KED
[	**Ni**	**60**		**5.165**	ug/L	0.047	0	63	9028	0	KED
[	**Ni**	**62**		**5.093**	ug/L	0.185	3	15	1461	3	KED
[	**Cu**	**63**		**3.187**	ug/L	0.028	0	220	16413	0	KED
[	**Cu**	**65**		**3.235**	ug/L	0.044	1	102	8269	0	KED
[	**Zn**	**66**		**10.074**	ug/L	0.194	1	217	7435	1	KED
[	**Zn**	**67**		**9.577**	ug/L	0.324	3	33	1170	2	KED
[	**As**	**75**		**2.693**	ug/L	0.036	1	4	978	1	KED
[	**Se**	**78**		**8.329**	ug/L	0.183	2	14	349	3	KED
	Y	**89**			ug/L			787121	753916	1	Standard
	Kr	**83**			ug/L			329	306	11	Standard
[>	**In-1**	**115**			ug/L			30151	28447	0	KED
[	**Mo**	**98**		**0.090**	ug/L	0.006	6	4	174	7	KED
[	**Cd**	**111**		**2.535**	ug/L	0.068	2	3	1080	2	KED
[	**Cd**	**114**		**2.585**	ug/L	0.073	2	4	2850	3	KED
[>	**In**	**115**			ug/L			1531029	1489931	1	Standard
[	**Ag**	**107**		**2.578**	ug/L	0.052	2	86	46132	0	Standard
[	**Sb**	**121**		**0.013**	ug/L	0.002	13	67	354	9	Standard
[	**Sb**	**123**		**0.014**	ug/L	0.003	20	51	291	15	Standard
[	**Ba**	**135**		**3.687**	ug/L	0.044	1	44	28887	2	Standard
[	**Ba**	**137**		**3.607**	ug/L	0.040	1	73	49916	1	Standard
[>	**Tb**	**159**			ug/L			2910281	2977952	0	Standard
[	**Tl**	**205**		**2.460**	ug/L	0.026	1	83	235824	0	Standard
[	**Pb**	**208**		**2.562**	ug/L	0.023	0	1932	323275	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-MSD2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:43:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**			ug/L			1107873	1177501	0	Standard
⌊	**Be**	**9**		**2.602**	ug/L	0.067	2	4	18425	2	Standard
	C	**13**			ug/L			30456	32949	0	Standard
	Cl	**37**			ug/L			6901546	6538340	0	Standard
⌈>	**Sc**	**45**			ug/L			1525311	1462331	1	Standard
⌈	**V**	**51**		**3.137**	ug/L	0.046	1	7633	107293	0	Standard
⌊	**V-1**	**51**		**3.145**	ug/L	0.063	2	424	101765	1	Standard
⌈	**Cr**	**52**		**2.774**	ug/L	0.012	0	22604	97536	1	Standard
⌊	**Cr**	**53**		**2.814**	ug/L	0.046	1	248	9253	0	Standard
⌈	**Fe**	**54**		**745.551**	ug/L	16.062	2	109957	2424424	0	Standard
⌊	**Fe**	**57**		**699.954**	ug/L	6.312	0	21890	838449	0	Standard
⌊	**Mn**	**55**	STL	**103.960**	ug/L	1.002	0	1100	4312029	0	Standard
⌈>	**Ge**	**72**			ug/L			100487	99021	0	KED
⌈	**Co**	**59**		**3.020**	ug/L	0.043	1	8	17821	0	KED
⌈	**Ni**	**60**		**3.546**	ug/L	0.079	2	63	6112	1	KED
⌊	**Ni**	**62**		**3.486**	ug/L	0.079	2	15	988	2	KED
⌈	**Cu**	**63**		**3.270**	ug/L	0.081	2	220	16546	1	KED
⌊	**Cu**	**65**		**3.294**	ug/L	0.052	1	102	8274	0	KED
⌈	**Zn**	**66**		**10.493**	ug/L	0.166	1	217	7604	0	KED
⌊	**Zn**	**67**		**9.713**	ug/L	0.420	4	33	1166	4	KED
⌈	**As**	**75**		**2.665**	ug/L	0.050	1	4	952	2	KED
⌊	**Se**	**78**		**8.334**	ug/L	0.079	0	14	344	1	KED
	Y	**89**			ug/L			787121	746570	0	Standard
	Kr	**83**			ug/L			329	311	4	Standard
⌈>	**In-1**	**115**			ug/L			30151	28007	1	KED
⌈	**Mo**	**98**		**0.090**	ug/L	0.002	1	4	171	1	KED
⌈	**Cd**	**111**		**2.626**	ug/L	0.173	6	3	1101	4	KED
⌊	**Cd**	**114**		**2.649**	ug/L	0.077	2	4	2876	4	KED
⌈>	**In**	**115**			ug/L			1531029	1455089	2	Standard
⌈	**Ag**	**107**		**2.673**	ug/L	0.105	3	86	46712	3	Standard
⌈	**Sb**	**121**		**0.015**	ug/L	0.001	9	67	380	5	Standard
⌊	**Sb**	**123**		**0.051**	ug/L	0.063	123	51	895	117	Standard
⌈	**Ba**	**135**		**3.815**	ug/L	0.121	3	44	29171	0	Standard
⌊	**Ba**	**137**		**3.745**	ug/L	0.101	2	73	50589	0	Standard
⌈>	**Tb**	**159**			ug/L			2910281	2996904	2	Standard
⌈	**Tl**	**205**		**2.477**	ug/L	0.040	1	83	238892	1	Standard
⌊	**Pb**	**208**		**2.566**	ug/L	0.047	1	1932	325720	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0554-DUP2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Wednesday, June 23, 2021 22:54:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1152218	2	Standard
⌊	**Be**	**9**	**0.004**	ug/L	0.002	40	4	34	33	Standard
	C	**13**		ug/L			30456	28285	1	Standard
	Cl	**37**		ug/L			6901546	6553914	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1441880	0	Standard
⌈	**V**	**51**	**0.571**	ug/L	0.009	1	7633	25146	0	Standard
⌊	**V-1**	**51**	**0.579**	ug/L	0.007	1	424	18800	0	Standard
⌈	**Cr**	**52**	**0.102**	ug/L	0.008	8	22604	24120	1	Standard
⌊	**Cr**	**53**	**0.146**	ug/L	0.006	4	248	696	3	Standard
⌈	**Fe**	**54**	**181.703**	ug/L	2.254	1	109957	661328	1	Standard
⌊	**Fe**	**57**	**176.969**	ug/L	1.094	0	21890	224490	0	Standard
⌊	**Mn**	**55**	**98.233**	ug/L	1.605	1	1100	4018004	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	96762	1	KED
⌈	**Co**	**59**	**0.385**	ug/L	0.001	0	8	2228	1	KED
⌊	**Ni**	**60**	**0.848**	ug/L	0.035	4	63	1475	4	KED
⌈	**Ni**	**62**	**0.924**	ug/L	0.058	6	15	267	5	KED
⌈	**Cu**	**63**	**0.626**	ug/L	0.007	1	220	3267	1	KED
⌊	**Cu**	**65**	**0.620**	ug/L	0.014	2	102	1603	0	KED
⌈	**Zn**	**66**	**0.461**	ug/L	0.020	4	217	526	1	KED
⌊	**Zn**	**67**	**0.445**	ug/L	0.061	13	33	82	7	KED
⌈	**As**	**75**	**0.123**	ug/L	0.019	15	4	46	12	KED
⌊	**Se**	**78**	**0.021**	ug/L	0.059	275	14	15	15	KED
	Y	**89**		ug/L			787121	742315	2	Standard
	Kr	**83**		ug/L			329	309	3	Standard
⌈>	**In-1**	**115**		ug/L			30151	28541	1	KED
⌈	**Mo**	**98**	**0.083**	ug/L	0.005	6	4	161	6	KED
⌈	**Cd**	**111**	**0.020**	ug/L	0.002	11	3	11	9	KED
⌊	**Cd**	**114**	**0.021**	ug/L	0.006	27	4	27	22	KED
⌈>	**In**	**115**		ug/L			1531029	1430082	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	338	86	73	31	Standard
⌈	**Sb**	**121**	**0.010**	ug/L	0.001	6	67	284	4	Standard
⌊	**Sb**	**123**	**0.010**	ug/L	0.002	14	51	219	11	Standard
⌈	**Ba**	**135**	**1.169**	ug/L	0.008	0	44	8819	0	Standard
⌊	**Ba**	**137**	**1.161**	ug/L	0.008	0	73	15473	1	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2899362	0	Standard
⌈	**Tl**	**205**	**0.009**	ug/L	0.001	8	83	918	7	Standard
⌊	**Pb**	**208**	**0.106**	ug/L	0.001	0	1932	14874	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-03
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:00:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1107873	1171113	2	Standard
	Be	9	0.015	ug/L	0.003	16	4	109	13	Standard
	C	13		ug/L			30456	50845	1	Standard
	Cl	37		ug/L			6901546	7839423	0	Standard
>	Sc	45		ug/L			1525311	1524721	1	Standard
	V	51	0.318	ug/L	0.002	0	7633	18210	2	Standard
	V-1	51	0.340	ug/L	0.003	0	424	11850	1	Standard
	Cr	52	0.192	ug/L	0.007	3	22604	28062	1	Standard
	Cr	53	0.266	ug/L	0.008	3	248	1137	0	Standard
	Fe	54	63.747	ug/L	1.898	2	109957	316618	0	Standard
	Fe	57	317.082	ug/L	4.230	1	21890	407967	1	Standard
	Mn	55	167.723	ug/L	2.366	1	1100	7252306	0	Standard
>	Ge	72		ug/L			100487	89726	2	KED
	Co	59	0.416	ug/L	0.037	8	8	2226	6	KED
	Ni	60	0.259	ug/L	0.027	10	63	457	9	KED
	Ni	62	0.193	ug/L	0.007	3	15	62	0	KED
	Cu	63	0.015	ug/L	0.002	11	220	264	5	KED
	Cu	65	0.053	ug/L	0.008	15	102	210	5	KED
	Zn	66	-0.015	ug/L	0.031	214	217	184	8	KED
	Zn	67	21.778	ug/L	1.621	7	33	2330	5	KED
	As	75	0.018	ug/L	0.006	32	4	9	22	KED
	Se	78	0.050	ug/L	0.057	114	14	14	10	KED
	Y	89		ug/L			787121	701677	2	Standard
	Kr	83		ug/L			329	304	10	Standard
>	In-1	115		ug/L			30151	25986	1	KED
	Mo	98	0.011	ug/L	0.003	24	4	23	19	KED
	Cd	111	0.004	ug/L	0.004	104	3	4	32	KED
	Cd	114	0.002	ug/L	0.002	108	4	5	35	KED
>	In	115		ug/L			1531029	1298964	2	Standard
	Ag	107	-0.001	ug/L	0.000	12	86	62	0	Standard
	Sb	121	0.047	ug/L	0.003	5	67	955	5	Standard
	Sb	123	0.046	ug/L	0.001	1	51	728	1	Standard
	Ba	135	419.761	ug/L	12.791	3	44	2861784	0	Standard
	Ba	137	409.227	ug/L	10.916	2	73	4928919	0	Standard
>	Tb	159		ug/L			2910281	2863588	0	Standard
	Tl	205	-0.000	ug/L	0.000	121	83	67	26	Standard
	Pb	208	-0.009	ug/L	0.000	4	1932	849	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:05:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1107873	1070713	7	Standard
[	Be	9	0.017	ug/L	0.003	16	4	114	9	Standard
	C	13		ug/L			30456	51252	0	Standard
	Cl	37		ug/L			6901546	7665190	1	Standard
[>	Sc	45		ug/L			1525311	1444639	7	Standard
[	V	51	0.338	ug/L	0.026	7	7633	17820	3	Standard
[	V-1	51	0.356	ug/L	0.020	5	424	11704	2	Standard
[	Cr	52	0.226	ug/L	0.042	18	22604	27459	3	Standard
[	Cr	53	0.289	ug/L	0.023	7	248	1147	1	Standard
[	Fe	54	71.450	ug/L	7.073	9	109957	322676	0	Standard
[	Fe	57	331.292	ug/L	14.403	4	21890	402172	3	Standard
[	Mn	55	170.182	ug/L	8.755	5	1100	6956382	2	Standard
[>	Ge	72		ug/L			100487	89632	1	KED
[	Co	59	0.271	ug/L	0.012	4	8	1455	3	KED
[	Ni	60	0.224	ug/L	0.012	5	63	403	4	KED
[	Ni	62	0.210	ug/L	0.061	28	15	67	22	KED
[	Cu	63	0.026	ug/L	0.007	25	220	316	9	KED
[	Cu	65	0.076	ug/L	0.004	4	102	262	4	KED
[	Zn	66	2.645	ug/L	0.133	5	217	1881	5	KED
[	Zn	67	25.010	ug/L	0.786	3	33	2671	2	KED
[	As	75	0.021	ug/L	0.013	63	4	10	40	KED
[	Se	78	0.021	ug/L	0.069	335	14	13	18	KED
	Y	89		ug/L			787121	680517	7	Standard
	Kr	83		ug/L			329	322	2	Standard
[>	In-1	115		ug/L			30151	25873	0	KED
[	Mo	98	0.008	ug/L	0.007	86	4	17	65	KED
[	Cd	111	-0.001	ug/L	0.001	121	3	2	21	KED
[	Cd	114	0.003	ug/L	0.001	38	4	6	16	KED
[>	In	115		ug/L			1531029	1204794	6	Standard
[	Ag	107	0.000	ug/L	0.000	181	86	70	0	Standard
[	Sb	121	0.197	ug/L	0.004	2	67	3570	4	Standard
[	Sb	123	0.193	ug/L	0.008	4	51	2686	5	Standard
[	Ba	135	441.936	ug/L	21.152	4	44	2789679	2	Standard
[	Ba	137	434.332	ug/L	25.506	5	73	4841148	1	Standard
[>	Tb	159		ug/L			2910281	2749876	6	Standard
[	Tl	205	0.000	ug/L	0.000	197	83	86	17	Standard
[	Pb	208	0.003	ug/L	0.001	40	1932	2135	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:10:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1107873	1118119	3	Standard
⌊	Be	9	23.608	ug/L	0.373	1	4	158654	2	Standard
	C	13		ug/L			30456	51779	1	Standard
	Cl	37		ug/L			6901546	7673368	0	Standard
⌈>	Sc	45		ug/L			1525311	1481478	0	Standard
⌈	V	51	22.548	ug/L	0.230	1	7633	735504	1	Standard
⌈	V-1	51	22.573	ug/L	0.272	1	424	737517	1	Standard
⌈	Cr	52	22.071	ug/L	0.229	1	22604	633362	1	Standard
⌈	Cr	53	22.168	ug/L	0.346	1	248	72213	1	Standard
⌈	Fe	54	60.061	ug/L	0.961	1	109957	296094	1	Standard
⌈	Fe	57	292.548	ug/L	4.040	1	21890	367417	1	Standard
⌊	Mn	55	175.953	ug/L	2.586	1	1100	7393848	1	Standard
⌈>	Ge	72		ug/L			100487	89277	1	KED
⌈	Co	59	24.954	ug/L	0.101	0	8	132705	1	KED
⌈	Ni	60	24.366	ug/L	0.299	1	63	37545	1	KED
⌈	Ni	62	24.415	ug/L	0.218	0	15	6156	0	KED
⌈	Cu	63	22.803	ug/L	0.270	1	220	102861	0	KED
⌈	Cu	65	23.129	ug/L	0.369	1	102	51838	0	KED
⌈	Zn	66	72.087	ug/L	1.155	1	217	45967	1	KED
⌈	Zn	67	90.525	ug/L	0.622	0	33	9556	1	KED
⌈	As	75	24.481	ug/L	0.630	2	4	7853	1	KED
⌊	Se	78	78.371	ug/L	2.329	2	14	2806	1	KED
	Y	89		ug/L			787121	700250	2	Standard
	Kr	83		ug/L			329	313	7	Standard
⌈>	In-1	115		ug/L			30151	26319	0	KED
⌈	Mo	98	23.591	ug/L	0.216	0	4	40931	0	KED
⌈	Cd	111	22.882	ug/L	0.376	1	3	9002	0	KED
⌊	Cd	114	23.119	ug/L	0.266	1	4	23555	1	KED
⌈>	In	115		ug/L			1531029	1244466	0	Standard
⌈	Ag	107	22.199	ug/L	0.820	3	86	331368	3	Standard
⌈	Sb	121	22.477	ug/L	0.174	0	67	415968	0	Standard
⌈	Sb	123	22.660	ug/L	0.319	1	51	320605	1	Standard
⌈	Ba	135	420.146	ug/L	3.554	0	44	2745422	1	Standard
⌊	Ba	137	410.816	ug/L	3.995	0	73	4742266	1	Standard
⌈>	Tb	159		ug/L			2910281	2808164	1	Standard
⌈	Tl	205	21.117	ug/L	0.107	0	83	1908323	1	Standard
⌊	Pb	208	20.689	ug/L	0.125	0	1932	2448105	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:15:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1107873	1131119	2	Standard
Be	9	24.497	ug/L	0.490	2	4	166523	0	Standard
C	13		ug/L			30456	51433	1	Standard
Cl	37		ug/L			6901546	7665216	1	Standard
Sc	45		ug/L			1525311	1495281	1	Standard
V	51	23.652	ug/L	0.443	1	7633	778206	1	Standard
V-1	51	23.702	ug/L	0.472	1	424	781481	1	Standard
Cr	52	23.021	ug/L	0.247	1	22604	665800	1	Standard
Cr	53	23.205	ug/L	0.432	1	248	76282	2	Standard
Fe	54	64.196	ug/L	2.196	3	109957	311976	2	Standard
Fe	57	309.437	ug/L	1.252	0	21890	390995	1	Standard
Mn	55	182.192	ug/L	1.240	0	1100	7727240	1	Standard
Ge	72		ug/L			100487	88243	0	KED
Co	59	26.119	ug/L	0.119	0	8	137283	0	KED
Ni	60	25.111	ug/L	0.519	2	63	38240	1	KED
Ni	62	24.868	ug/L	0.589	2	15	6198	2	KED
Cu	63	23.873	ug/L	0.063	0	220	106439	0	KED
Cu	65	24.649	ug/L	0.285	1	102	54603	0	KED
Zn	66	75.329	ug/L	0.272	0	217	47471	0	KED
Zn	67	93.101	ug/L	0.390	0	33	9714	1	KED
As	75	25.500	ug/L	0.376	1	4	8086	1	KED
Se	78	79.812	ug/L	0.540	0	14	2825	0	KED
Y	89		ug/L			787121	696850	0	Standard
Kr	83		ug/L			329	323	7	Standard
In-1	115		ug/L			30151	26066	1	KED
Mo	98	23.286	ug/L	0.292	1	4	40012	0	KED
Cd	111	24.001	ug/L	0.189	0	3	9352	1	KED
Cd	114	23.658	ug/L	0.288	1	4	23872	1	KED
In	115		ug/L			1531029	1219475	4	Standard
Ag	107	23.871	ug/L	0.408	1	86	349043	3	Standard
Sb	121	22.652	ug/L	0.712	3	67	410430	1	Standard
Sb	123	23.175	ug/L	0.711	3	51	321021	1	Standard
Ba	135	455.782	ug/L	17.073	3	44	2915487	1	Standard
Ba	137	446.453	ug/L	18.991	4	73	5043947	0	Standard
Tb	159		ug/L			2910281	2840413	1	Standard
Tl	205	23.864	ug/L	0.405	1	83	2180942	0	Standard
Pb	208	21.078	ug/L	0.497	2	1932	2522187	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:23:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1125883	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	154	4	6	45	Standard
	C	**13**		ug/L			30456	28229	2	Standard
	Cl	**37**		ug/L			6901546	7899387	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1383088	1	Standard
⎢	**V**	**51**	**0.027**	ug/L	0.009	32	7633	7729	2	Standard
⎢	**V-1**	**51**	**0.015**	ug/L	0.002	11	424	846	5	Standard
⎢	**Cr**	**52**	**0.087**	ug/L	0.018	20	22604	22735	1	Standard
⎢	**Cr**	**53**	**0.047**	ug/L	0.008	16	248	367	7	Standard
⎢	**Fe**	**54**	**1.606**	ug/L	0.218	13	109957	104423	0	Standard
⎢	**Fe**	**57**	**-2.674**	ug/L	0.088	3	21890	16896	1	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.000	6	1100	892	1	Standard
⌈>	**Ge**	**72**		ug/L			100487	96031	2	KED
⎢	**Co**	**59**	**-0.000**	ug/L	0.001	181	8	5	88	KED
⎢	**Ni**	**60**	**-0.022**	ug/L	0.009	39	63	24	60	KED
⎢	**Ni**	**62**	**-0.028**	ug/L	0.008	27	15	7	25	KED
⎢	**Cu**	**63**	**-0.008**	ug/L	0.003	41	220	172	8	KED
⎢	**Cu**	**65**	**-0.001**	ug/L	0.009	1187	102	96	22	KED
⎢	**Zn**	**66**	**-0.125**	ug/L	0.002	1	217	122	3	KED
⎢	**Zn**	**67**	**-0.121**	ug/L	0.029	24	33	17	16	KED
⎢	**As**	**75**	**-0.001**	ug/L	0.005	384	4	3	45	KED
⌊	**Se**	**78**	**-0.014**	ug/L	0.122	852	14	13	36	KED
	Y	**89**		ug/L			787121	712584	2	Standard
	Kr	**83**		ug/L			329	279	18	Standard
⌈>	**In-1**	**115**		ug/L			30151	28132	1	KED
⎢	**Mo**	**98**	**0.003**	ug/L	0.003	98	4	10	56	KED
⎢	**Cd**	**111**	**0.019**	ug/L	0.004	19	3	11	13	KED
⌊	**Cd**	**114**	**0.014**	ug/L	0.009	69	4	18	52	KED
⌈>	**In**	**115**		ug/L			1531029	1342181	2	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.001	236	86	71	16	Standard
⎢	**Sb**	**121**	**0.003**	ug/L	0.001	44	67	110	18	Standard
⎢	**Sb**	**123**	**0.003**	ug/L	0.000	9	51	96	3	Standard
⎢	**Ba**	**135**	**0.004**	ug/L	0.002	40	44	68	18	Standard
⌊	**Ba**	**137**	**0.005**	ug/L	0.002	37	73	121	18	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2856260	1	Standard
⎢	**Tl**	**205**	**0.000**	ug/L	0.000	150	83	92	19	Standard
⌊	**Pb**	**208**	**-0.008**	ug/L	0.000	5	1932	910	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:28:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⎡>	**Li**	**6**		ug/L			1107873	1101033	1	Standard
⎣	**Be**	**9**	**51.084**	ug/L	0.334	0	4	338104	0	Standard
	C	**13**		ug/L			30456	24799	1	Standard
	Cl	**37**		ug/L			6901546	7697306	0	Standard
⎡>	**Sc**	**45**		ug/L			1525311	1395482	1	Standard
⎢	**V**	**51**	**49.767**	ug/L	0.758	1	7633	1520526	1	Standard
⎢	**V-1**	**51**	**49.882**	ug/L	0.739	1	424	1534476	1	Standard
⎢	**Cr**	**52**	**50.262**	ug/L	0.935	1	22604	1331910	0	Standard
⎢	**Cr**	**53**	**50.615**	ug/L	1.310	2	248	154967	0	Standard
⎢	**Fe**	**54**	**5228.347**	ug/L	74.878	1	109957	15619844	0	Standard
⎢	**Fe**	**57**	**5145.877**	ug/L	82.847	1	21890	5754269	0	Standard
⎣	**Mn**	**55**	**51.121**	ug/L	1.325	2	1100	2023922	2	Standard
⎡>	**Ge**	**72**		ug/L			100487	97056	1	KED
⎢	**Co**	**59**	**48.695**	ug/L	0.593	1	8	281478	1	KED
⎢	**Ni**	**60**	**49.642**	ug/L	0.264	0	63	83088	1	KED
⎢	**Ni**	**62**	**48.934**	ug/L	0.466	0	15	13399	0	KED
⎢	**Cu**	**63**	**47.863**	ug/L	0.889	1	220	234470	1	KED
⎢	**Cu**	**65**	**48.831**	ug/L	0.452	0	102	118872	0	KED
⎢	**Zn**	**66**	**49.201**	ug/L	1.581	3	217	34165	1	KED
⎢	**Zn**	**67**	**50.197**	ug/L	0.197	0	33	5775	1	KED
⎢	**As**	**75**	**49.617**	ug/L	1.122	2	4	17298	0	KED
⎣	**Se**	**78**	**50.473**	ug/L	0.944	1	14	1970	0	KED
	Y	**89**		ug/L			787121	715881	1	Standard
	Kr	**83**		ug/L			329	296	7	Standard
⎡>	**In-1**	**115**		ug/L			30151	27102	0	KED
⎢	**Mo**	**98**	**48.918**	ug/L	0.773	1	4	87399	1	KED
⎢	**Cd**	**111**	**48.814**	ug/L	0.140	0	3	19774	0	KED
⎣	**Cd**	**114**	**49.131**	ug/L	0.685	1	4	51542	1	KED
⎡>	**In**	**115**		ug/L			1531029	1359253	1	Standard
⎢	**Ag**	**107**	**50.658**	ug/L	0.760	1	86	825720	1	Standard
⎢	**Sb**	**121**	**48.314**	ug/L	0.050	0	67	976547	1	Standard
⎢	**Sb**	**123**	**49.530**	ug/L	0.231	0	51	765330	1	Standard
⎢	**Ba**	**135**	**51.170**	ug/L	0.694	1	44	365192	0	Standard
⎣	**Ba**	**137**	**50.384**	ug/L	0.803	1	73	635249	1	Standard
⎡>	**Tb**	**159**		ug/L			2910281	2921771	0	Standard
⎢	**Tl**	**205**	**49.258**	ug/L	0.490	0	83	4631606	1	Standard
⎣	**Pb**	**208**	**48.294**	ug/L	0.515	1	1932	5943535	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:36:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1107873	1110135	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	634	4	5	78	Standard
	C	**13**		ug/L			30456	24921	1	Standard
	Cl	**37**		ug/L			6901546	7351119	0	Standard
⌈>	**Sc**	**45**		ug/L			1525311	1351905	1	Standard
⌈	**V**	**51**	**0.012**	ug/L	0.006	54	7633	7112	2	Standard
⌊	**V-1**	**51**	**0.007**	ug/L	0.001	7	424	586	3	Standard
⌈	**Cr**	**52**	**0.030**	ug/L	0.019	64	22604	20788	2	Standard
⌊	**Cr**	**53**	**0.014**	ug/L	0.003	22	248	262	5	Standard
⌈	**Fe**	**54**	**1.155**	ug/L	0.133	11	109957	100773	1	Standard
⌊	**Fe**	**57**	**1.082**	ug/L	0.419	38	21890	20565	0	Standard
⌊	**Mn**	**55**	**-0.004**	ug/L	0.001	34	1100	818	4	Standard
⌈>	**Ge**	**72**		ug/L			100487	94161	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	200	8	6	62	KED
⌊	**Ni**	**60**	**-0.026**	ug/L	0.001	4	63	17	11	KED
⌈	**Ni**	**62**	**-0.032**	ug/L	0.011	34	15	6	45	KED
⌈	**Cu**	**63**	**-0.008**	ug/L	0.001	16	220	166	4	KED
⌊	**Cu**	**65**	**-0.012**	ug/L	0.004	36	102	69	14	KED
⌈	**Zn**	**66**	**-0.166**	ug/L	0.012	6	217	92	8	KED
⌊	**Zn**	**67**	**-0.159**	ug/L	0.017	10	33	13	14	KED
⌈	**As**	**75**	**-0.002**	ug/L	0.001	41	4	3	7	KED
⌊	**Se**	**78**	**-0.071**	ug/L	0.051	71	14	11	17	KED
	Y	**89**		ug/L			787121	716062	1	Standard
	Kr	**83**		ug/L			329	283	9	Standard
⌈>	**In-1**	**115**		ug/L			30151	27858	2	KED
⌈	**Mo**	**98**	**0.005**	ug/L	0.003	48	4	14	34	KED
⌈	**Cd**	**111**	**0.008**	ug/L	0.004	45	3	6	24	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.006	446	4	5	119	KED
⌈>	**In**	**115**		ug/L			1531029	1343155	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	226	86	71	14	Standard
⌈	**Sb**	**121**	**0.054**	ug/L	0.001	2	67	1134	3	Standard
⌊	**Sb**	**123**	**0.054**	ug/L	0.002	3	51	875	2	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.002	115	44	48	23	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	83	73	83	19	Standard
⌈>	**Tb**	**159**		ug/L			2910281	2838103	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	2	83	377	2	Standard
⌊	**Pb**	**208**	**-0.011**	ug/L	0.001	6	1932	581	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:42:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1092049	1	Standard
⌊	**Be**	**9**		ug/L				4	24	Standard
	C	**13**		ug/L				25578	2	Standard
	Cl	**37**		ug/L				7247639	1	Standard
⌈>	**Sc**	**45**		ug/L				1357002	0	Standard
⎢	**V**	**51**		ug/L				7213	1	Standard
⎢	**V-1**	**51**		ug/L				545	8	Standard
⎢	**Cr**	**52**		ug/L				21323	1	Standard
⎢	**Cr**	**53**		ug/L				277	4	Standard
⎢	**Fe**	**54**		ug/L				100521	0	Standard
⎢	**Fe**	**57**		ug/L				21143	1	Standard
⌊	**Mn**	**55**		ug/L				822	5	Standard
⌈>	**Ge**	**72**		ug/L				95506	1	KED
⎢	**Co**	**59**		ug/L				4	65	KED
⎢	**Ni**	**60**		ug/L				22	42	KED
⎢	**Ni**	**62**		ug/L				6	41	KED
⎢	**Cu**	**63**		ug/L				140	18	KED
⎢	**Cu**	**65**		ug/L				62	17	KED
⎢	**Zn**	**66**		ug/L				170	5	KED
⎢	**Zn**	**67**		ug/L				29	20	KED
⎢	**As**	**75**		ug/L				3	56	KED
⌊	**Se**	**78**		ug/L				13	26	KED
	Y	**89**		ug/L				708606	1	Standard
	Kr	**83**		ug/L				306	12	Standard
⌈>	**In-1**	**115**		ug/L				27202	2	KED
⎢	**Mo**	**98**		ug/L				11	52	KED
⎢	**Cd**	**111**		ug/L				5	84	KED
⌊	**Cd**	**114**		ug/L				7	23	KED
⌈>	**In**	**115**		ug/L				1332008	1	Standard
⎢	**Ag**	**107**		ug/L				57	11	Standard
⎢	**Sb**	**121**		ug/L				373	13	Standard
⎢	**Sb**	**123**		ug/L				306	2	Standard
⎢	**Ba**	**135**		ug/L				46	18	Standard
⌊	**Ba**	**137**		ug/L				107	17	Standard
⌈>	**Tb**	**159**		ug/L				2820494	0	Standard
⎢	**Tl**	**205**		ug/L				156	9	Standard
⌊	**Pb**	**208**		ug/L				652	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:47:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1105862	1	Standard
⌊	**Be**	**9**	**50.412**	ug/L	0.878	1	4	335094	1	Standard
	C	**13**		ug/L			25578	24473	1	Standard
	Cl	**37**		ug/L			7247639	7611521	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1385115	1	Standard
⌈	**V**	**51**	**49.821**	ug/L	0.417	0	7213	1511457	2	Standard
⌊	**V-1**	**51**	**49.949**	ug/L	0.489	0	545	1525411	1	Standard
⌈	**Cr**	**52**	**50.643**	ug/L	0.756	1	21323	1333570	3	Standard
⌊	**Cr**	**53**	**51.025**	ug/L	0.354	0	277	155155	1	Standard
⌈	**Fe**	**54**	**5230.213**	ug/L	78.000	1	100521	15511668	0	Standard
⌊	**Fe**	**57**	**5146.071**	ug/L	51.281	0	21143	5714628	2	Standard
⌊	**Mn**	**55**	**52.998**	ug/L	1.419	2	822	2083290	4	Standard
⌈>	**Ge**	**72**		ug/L			95506	94990	1	KED
⌈	**Co**	**59**	**49.049**	ug/L	0.735	1	4	277462	0	KED
⌊	**Ni**	**60**	**49.622**	ug/L	1.413	2	22	81224	1	KED
⌈	**Ni**	**62**	**48.794**	ug/L	0.587	1	6	13068	1	KED
⌈	**Cu**	**63**	**49.169**	ug/L	0.661	1	140	235661	1	KED
⌊	**Cu**	**65**	**49.459**	ug/L	1.099	2	62	117778	0	KED
⌈	**Zn**	**66**	**50.880**	ug/L	1.065	2	170	34536	0	KED
⌊	**Zn**	**67**	**50.485**	ug/L	0.789	1	29	5683	2	KED
⌈	**As**	**75**	**49.727**	ug/L	1.116	2	3	16965	0	KED
⌊	**Se**	**78**	**49.734**	ug/L	1.054	2	13	1899	1	KED
	Y	**89**		ug/L			708606	733369	2	Standard
	Kr	**83**		ug/L			306	275	1	Standard
⌈>	**In-1**	**115**		ug/L			27202	27150	0	KED
⌈	**Mo**	**98**	**48.294**	ug/L	0.809	1	11	86445	1	KED
⌈	**Cd**	**111**	**49.064**	ug/L	0.504	1	5	19911	0	KED
⌊	**Cd**	**114**	**48.531**	ug/L	0.260	0	7	51006	0	KED
⌈>	**In**	**115**		ug/L			1332008	1344230	0	Standard
⌈	**Ag**	**107**	**50.867**	ug/L	0.468	0	57	820044	1	Standard
⌈	**Sb**	**121**	**48.857**	ug/L	0.265	0	373	976924	0	Standard
⌊	**Sb**	**123**	**49.380**	ug/L	0.953	1	306	754826	1	Standard
⌈	**Ba**	**135**	**51.278**	ug/L	0.497	0	46	361969	1	Standard
⌊	**Ba**	**137**	**51.120**	ug/L	1.109	2	107	637493	2	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2937401	1	Standard
⌈	**Tl**	**205**	**49.130**	ug/L	0.683	1	156	4643853	1	Standard
⌊	**Pb**	**208**	**47.824**	ug/L	0.789	1	652	5915075	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Wednesday, June 23, 2021 23:54:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1062155	5	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	92	4	10	50	Standard
	C	**13**		ug/L			25578	25390	1	Standard
	Cl	**37**		ug/L			7247639	7075090	2	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1311009	6	Standard
⌈	**V**	**51**	**0.005**	ug/L	0.011	222	7213	7096	3	Standard
⌊	**V-1**	**51**	**0.001**	ug/L	0.001	116	545	555	2	Standard
⌈	**Cr**	**52**	**0.010**	ug/L	0.032	331	21323	20806	3	Standard
⌊	**Cr**	**53**	**-0.003**	ug/L	0.006	230	277	259	7	Standard
⌈	**Fe**	**54**	**1.824**	ug/L	4.981	273	100521	101589	6	Standard
⌊	**Fe**	**57**	**2.672**	ug/L	1.254	46	21143	23173	3	Standard
⌈	**Mn**	**55**	**0.003**	ug/L	0.003	110	822	890	5	Standard
⌈>	**Ge**	**72**		ug/L			95506	94603	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	238	4	3	91	KED
⌊	**Ni**	**60**	**0.013**	ug/L	0.001	5	22	42	2	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.012	474	6	7	43	KED
⌈	**Cu**	**63**	**0.005**	ug/L	0.002	32	140	165	5	KED
⌊	**Cu**	**65**	**0.007**	ug/L	0.005	71	62	77	15	KED
⌈	**Zn**	**66**	**0.014**	ug/L	0.026	188	170	177	9	KED
⌊	**Zn**	**67**	**0.082**	ug/L	0.102	123	29	38	30	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	283	3	3	28	KED
⌊	**Se**	**78**	**-0.022**	ug/L	0.060	273	13	12	18	KED
	Y	**89**		ug/L			708606	676454	4	Standard
	Kr	**83**		ug/L			306	310	8	Standard
⌈>	**In-1**	**115**		ug/L			27202	27426	2	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.004	1690	11	11	67	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.003	141	5	4	35	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	65	7	4	51	KED
⌈>	**In**	**115**		ug/L			1332008	1265257	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	81	57	66	11	Standard
⌈	**Sb**	**121**	**0.045**	ug/L	0.001	2	373	1210	2	Standard
⌊	**Sb**	**123**	**0.045**	ug/L	0.001	2	306	945	1	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.002	77	46	62	19	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	34	107	120	6	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2726919	2	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.001	26	156	344	11	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	5	652	940	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:00:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1090624	2	Standard
[	Be	9	0.001	ug/L	0.000	4	4	11	0	Standard
	C	13		ug/L			25578	50197	0	Standard
	Cl	37		ug/L			7247639	7631244	0	Standard
[>	Sc	45		ug/L			1357002	1454626	0	Standard
[	V	51	0.113	ug/L	0.005	4	7213	11301	1	Standard
[	V-1	51	0.132	ug/L	0.000	0	545	4811	0	Standard
[	Cr	52	0.130	ug/L	0.011	8	21323	26406	1	Standard
[	Cr	53	0.192	ug/L	0.007	3	277	908	2	Standard
[	Fe	54	53.054	ug/L	1.041	1	100521	271921	1	Standard
[	Fe	57	300.957	ug/L	3.655	1	21143	372292	0	Standard
[	Mn	55	195.143	ug/L	2.823	1	822	8050367	0	Standard
[>	Ge	72		ug/L			95506	85443	1	KED
[	Co	59	0.019	ug/L	0.006	32	4	101	30	KED
[	Ni	60	0.298	ug/L	0.014	4	22	457	2	KED
[	Ni	62	0.285	ug/L	0.008	2	6	74	2	KED
[	Cu	63	0.025	ug/L	0.004	15	140	233	5	KED
[	Cu	65	0.071	ug/L	0.006	8	62	206	7	KED
[	Zn	66	0.051	ug/L	0.021	40	170	183	8	KED
[	Zn	67	22.527	ug/L	0.472	2	29	2294	1	KED
[	As	75	0.021	ug/L	0.004	19	3	9	15	KED
[	Se	78	0.119	ug/L	0.108	90	13	16	23	KED
	Y	89		ug/L			708606	687174	1	Standard
	Kr	83		ug/L			306	335	8	Standard
[>	In-1	115		ug/L			27202	25014	1	KED
[	Mo	98	0.009	ug/L	0.006	67	11	26	40	KED
[	Cd	111	0.005	ug/L	0.009	172	5	6	51	KED
[	Cd	114	-0.002	ug/L	0.004	208	7	4	88	KED
[>	In	115		ug/L			1332008	1198054	1	Standard
[	Ag	107	0.001	ug/L	0.000	39	57	64	7	Standard
[	Sb	121	0.032	ug/L	0.002	7	373	911	4	Standard
[	Sb	123	0.035	ug/L	0.001	3	306	746	3	Standard
[	Ba	135	424.084	ug/L	12.007	2	46	2667228	1	Standard
[	Ba	137	410.787	ug/L	9.502	2	107	4564203	1	Standard
[>	Tb	159		ug/L			2820494	2793014	1	Standard
[	Tl	205	0.000	ug/L	0.000	115	156	163	6	Standard
[	Pb	208	0.010	ug/L	0.000	5	652	1795	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:04:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1089016	0	Standard
	Be	9	0.001	ug/L	0.001	41	4	13	28	Standard
	C	13		ug/L			25578	45986	0	Standard
	Cl	37		ug/L			7247639	7144372	0	Standard
>	Sc	45		ug/L			1357002	1445420	1	Standard
	V	51	0.005	ug/L	0.009	195	7213	7829	2	Standard
	V-1	51	0.125	ug/L	0.004	2	545	4568	1	Standard
	Cr	52	0.076	ug/L	0.024	31	21323	24758	0	Standard
	Cr	53	0.461	ug/L	0.006	1	277	1755	1	Standard
	Fe	54	43.190	ug/L	1.486	3	100521	239859	2	Standard
	Fe	57	47.054	ug/L	0.689	1	21143	76839	1	Standard
	Mn	55	7.938	ug/L	0.076	0	822	326243	2	Standard
>	Ge	72		ug/L			95506	90181	1	KED
	Co	59	0.002	ug/L	0.001	40	4	13	28	KED
	Ni	60	0.045	ug/L	0.009	20	22	90	14	KED
	Ni	62	0.036	ug/L	0.015	41	6	15	24	KED
	Cu	63	0.045	ug/L	0.005	10	140	336	6	KED
	Cu	65	0.061	ug/L	0.007	10	62	196	7	KED
	Zn	66	0.294	ug/L	0.011	3	170	349	1	KED
	Zn	67	2.435	ug/L	0.245	10	29	286	8	KED
	As	75	0.194	ug/L	0.010	5	3	65	5	KED
	Se	78	0.072	ug/L	0.080	110	13	15	18	KED
	Y	89		ug/L			708606	703856	2	Standard
	Kr	83		ug/L			306	298	15	Standard
>	In-1	115		ug/L			27202	25527	1	KED
	Mo	98	1.233	ug/L	0.051	4	11	2084	2	KED
	Cd	111	-0.001	ug/L	0.009	1109	5	4	75	KED
	Cd	114	0.001	ug/L	0.002	365	7	7	30	KED
>	In	115		ug/L			1332008	1290287	2	Standard
	Ag	107	-0.001	ug/L	0.000	61	57	47	10	Standard
	Sb	121	0.012	ug/L	0.002	16	373	594	8	Standard
	Sb	123	0.013	ug/L	0.002	12	306	482	7	Standard
	Ba	135	33.638	ug/L	0.879	2	46	227843	0	Standard
	Ba	137	33.821	ug/L	1.227	3	107	404642	1	Standard
>	Tb	159		ug/L			2820494	2875625	0	Standard
	Tl	205	-0.000	ug/L	0.000	18	156	113	6	Standard
	Pb	208	0.015	ug/L	0.000	1	652	2426	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:09:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1122341	0	Standard
[	Be	9	0.007	ug/L	0.000	1	4	50	2	Standard
	C	13		ug/L			25578	57709	0	Standard
	Cl	37		ug/L			7247639	7851617	0	Standard
[>	Sc	45		ug/L			1357002	1480784	0	Standard
[	V	51	0.431	ug/L	0.019	4	7213	21782	3	Standard
[	V-1	51	0.456	ug/L	0.016	3	545	15473	4	Standard
[	Cr	52	0.147	ug/L	0.011	7	21323	27329	1	Standard
[	Cr	53	0.237	ug/L	0.002	0	277	1070	1	Standard
[	Fe	54	10865.253	ug/L	80.552	0	100521	34338191	1	Standard
[	Fe	57	10964.618	ug/L	95.258	0	21143	12990987	1	Standard
[	Mn	55	544.447	ug/L	3.747	0	822	22863743	0	Standard
[>	Ge	72		ug/L			95506	90508	1	KED
[	Co	59	0.134	ug/L	0.011	7	4	726	6	KED
[	Ni	60	0.164	ug/L	0.020	12	22	276	11	KED
[	Ni	62	0.186	ug/L	0.085	45	6	53	38	KED
[	Cu	63	0.061	ug/L	0.004	6	140	410	4	KED
[	Cu	65	0.100	ug/L	0.006	5	62	286	5	KED
[	Zn	66	0.854	ug/L	0.046	5	170	711	5	KED
[	Zn	67	13.818	ug/L	0.350	2	29	1501	1	KED
[	As	75	0.885	ug/L	0.070	7	3	290	6	KED
[	Se	78	0.070	ug/L	0.122	175	13	15	27	KED
	Y	89		ug/L			708606	706664	1	Standard
	Kr	83		ug/L			306	286	5	Standard
[>	In-1	115		ug/L			27202	26307	2	KED
[	Mo	98	0.044	ug/L	0.010	21	11	88	18	KED
[	Cd	111	0.015	ug/L	0.009	60	5	10	30	KED
[	Cd	114	-0.002	ug/L	0.005	241	7	5	100	KED
[>	In	115		ug/L			1332008	1222274	1	Standard
[	Ag	107	0.003	ug/L	0.001	45	57	91	19	Standard
[	Sb	121	0.029	ug/L	0.002	6	373	869	3	Standard
[	Sb	123	0.029	ug/L	0.003	10	306	680	4	Standard
[	Ba	135	211.866	ug/L	2.086	0	46	1359588	0	Standard
[	Ba	137	227.688	ug/L	2.976	1	107	2581098	0	Standard
[>	Tb	159		ug/L			2820494	2850425	0	Standard
[	Tl	205	-0.001	ug/L	0.000	17	156	93	12	Standard
[	Pb	208	0.021	ug/L	0.001	2	652	3229	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-09
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:14:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1113154	3	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	165	4	5	33	Standard
	C	**13**		ug/L			25578	44531	1	Standard
	Cl	**37**		ug/L			7247639	7320951	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1379633	0	Standard
⌈	**V**	**51**	**0.026**	ug/L	0.004	16	7213	8104	1	Standard
⌊	**V-1**	**51**	**0.025**	ug/L	0.001	3	545	1327	1	Standard
⌈	**Cr**	**52**	**0.146**	ug/L	0.010	6	21323	25444	1	Standard
⌊	**Cr**	**53**	**0.141**	ug/L	0.004	2	277	707	2	Standard
⌈	**Fe**	**54**	**1.940**	ug/L	0.335	17	100521	107889	1	Standard
⌊	**Fe**	**57**	**-5.426**	ug/L	0.228	4	21143	15515	1	Standard
⌈	**Mn**	**55**	**0.078**	ug/L	0.002	2	822	3868	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	93712	0	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.001	81	4	12	52	KED
⌊	**Ni**	**60**	**0.009**	ug/L	0.002	27	22	35	11	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.004	56	6	8	12	KED
⌈	**Cu**	**63**	**0.059**	ug/L	0.008	12	140	414	9	KED
⌊	**Cu**	**65**	**0.062**	ug/L	0.010	15	62	206	10	KED
⌈	**Zn**	**66**	**-0.011**	ug/L	0.018	157	170	159	7	KED
⌊	**Zn**	**67**	**0.074**	ug/L	0.054	72	29	36	15	KED
⌈	**As**	**75**	**0.012**	ug/L	0.004	30	3	7	17	KED
⌊	**Se**	**78**	**0.077**	ug/L	0.030	38	13	16	7	KED
	Y	**89**		ug/L			708606	722020	1	Standard
	Kr	**83**		ug/L			306	287	11	Standard
⌈>	**In-1**	**115**		ug/L			27202	27378	0	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.002	54	11	19	22	KED
⌈	**Cd**	**111**	**0.004**	ug/L	0.007	182	5	6	42	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	77	7	4	57	KED
⌈>	**In**	**115**		ug/L			1332008	1347088	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	58	57	80	15	Standard
⌈	**Sb**	**121**	**0.047**	ug/L	0.001	1	373	1322	1	Standard
⌊	**Sb**	**123**	**0.048**	ug/L	0.004	7	306	1047	5	Standard
⌈	**Ba**	**135**	**0.279**	ug/L	0.006	2	46	2021	1	Standard
⌊	**Ba**	**137**	**0.273**	ug/L	0.009	3	107	3518	3	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2859493	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	42	156	111	18	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	12	652	455	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-10
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:18:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1099312	1	Standard
	Be	9	0.005	ug/L	0.002	35	4	37	29	Standard
	C	13		ug/L			25578	47005	1	Standard
	Cl	37		ug/L			7247639	7528242	0	Standard
>	Sc	45		ug/L			1357002	1497858	0	Standard
	V	51	0.008	ug/L	0.002	28	7213	8207	0	Standard
	V-1	51	0.107	ug/L	0.004	3	545	4119	2	Standard
	Cr	52	0.011	ug/L	0.009	84	21323	23832	0	Standard
	Cr	53	0.329	ug/L	0.015	4	277	1385	3	Standard
	Fe	54	1173.031	ug/L	8.065	0	100521	3848816	0	Standard
	Fe	57	1277.760	ug/L	15.612	1	21143	1551974	1	Standard
	Mn	55	32.472	ug/L	0.828	2	822	1380148	2	Standard
>	Ge	72		ug/L			95506	85095	0	KED
	Co	59	0.012	ug/L	0.002	21	4	63	19	KED
	Ni	60	0.492	ug/L	0.043	8	22	741	7	KED
	Ni	62	0.443	ug/L	0.107	24	6	112	22	KED
	Cu	63	0.159	ug/L	0.009	5	140	809	5	KED
	Cu	65	0.198	ug/L	0.007	3	62	476	2	KED
	Zn	66	1.206	ug/L	0.138	11	170	881	9	KED
	Zn	67	22.216	ug/L	0.674	3	29	2254	3	KED
	As	75	0.670	ug/L	0.046	6	3	207	6	KED
	Se	78	0.136	ug/L	0.143	105	13	16	28	KED
	Y	89		ug/L			708606	667813	0	Standard
	Kr	83		ug/L			306	286	12	Standard
>	In-1	115		ug/L			27202	25027	2	KED
	Mo	98	0.304	ug/L	0.016	5	11	512	3	KED
	Cd	111	0.003	ug/L	0.000	11	5	5	0	KED
	Cd	114	-0.011	ug/L	0.005	42	7	-4	110	KED
>	In	115		ug/L			1332008	1223560	1	Standard
	Ag	107	0.001	ug/L	0.000	54	57	64	9	Standard
	Sb	121	0.026	ug/L	0.003	10	373	813	8	Standard
	Sb	123	0.026	ug/L	0.001	2	306	644	3	Standard
	Ba	135	382.755	ug/L	7.304	1	46	2458489	0	Standard
	Ba	137	372.599	ug/L	4.897	1	107	4228362	1	Standard
>	Tb	159		ug/L			2820494	2790067	1	Standard
	Tl	205	-0.001	ug/L	0.000	16	156	89	11	Standard
	Pb	208	0.010	ug/L	0.000	2	652	1845	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0068-11
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:23:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1094066	4	Standard
[	Be	9	0.002	ug/L	0.000	26	4	15	18	Standard
	C	13		ug/L			25578	52000	2	Standard
	Cl	37		ug/L			7247639	7095290	1	Standard
[>	Sc	45		ug/L			1357002	1500269	1	Standard
[	V	51	0.020	ug/L	0.009	45	7213	8640	2	Standard
[	V-1	51	0.072	ug/L	0.003	3	545	2977	3	Standard
[	Cr	52	-0.051	ug/L	0.024	48	21323	22143	1	Standard
[	Cr	53	0.117	ug/L	0.004	3	277	691	3	Standard
[	Fe	54	11063.007	ug/L	176.837	1	100521	35415323	0	Standard
[	Fe	57	11872.422	ug/L	134.121	1	21143	14247847	0	Standard
[	Mn	55	519.772	ug/L	4.826	0	822	22113747	0	Standard
[>	Ge	72		ug/L			95506	86103	0	KED
[	Co	59	22.379	ug/L	0.221	0	4	114774	1	KED
[	Ni	60	7.169	ug/L	0.302	4	22	10659	4	KED
[	Ni	62	7.162	ug/L	0.309	4	6	1744	4	KED
[	Cu	63	0.100	ug/L	0.009	8	140	560	6	KED
[	Cu	65	0.114	ug/L	0.009	8	62	302	6	KED
[	Zn	66	0.875	ug/L	0.075	8	170	689	7	KED
[	Zn	67	2.048	ug/L	0.074	3	29	234	3	KED
[	As	75	1.789	ug/L	0.051	2	3	556	3	KED
[	Se	78	0.101	ug/L	0.094	92	13	15	19	KED
	Y	89		ug/L			708606	698915	1	Standard
	Kr	83		ug/L			306	301	8	Standard
[>	In-1	115		ug/L			27202	24940	0	KED
[	Mo	98	0.150	ug/L	0.008	5	11	257	5	KED
[	Cd	111	0.005	ug/L	0.004	85	5	6	22	KED
[	Cd	114	-0.003	ug/L	0.001	34	7	3	28	KED
[>	In	115		ug/L			1332008	1335600	3	Standard
[	Ag	107	0.001	ug/L	0.000	27	57	75	7	Standard
[	Sb	121	0.008	ug/L	0.001	14	373	542	7	Standard
[	Sb	123	0.009	ug/L	0.002	18	306	440	5	Standard
[	Ba	135	25.042	ug/L	0.990	3	46	175482	0	Standard
[	Ba	137	24.491	ug/L	1.178	4	107	303140	1	Standard
[>	Tb	159		ug/L			2820494	2946918	0	Standard
[	Tl	205	-0.000	ug/L	0.000	43	156	116	16	Standard
[	Pb	208	0.011	ug/L	0.000	0	652	2059	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:30:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1165630	1	Standard
[	Be	9	0.003	ug/L	0.000	12	4	29	9	Standard
	C	13		ug/L			25578	53450	1	Standard
	Cl	37		ug/L			7247639	7757681	0	Standard
[>	Sc	45		ug/L			1357002	1565601	1	Standard
[	V	51	0.236	ug/L	0.005	2	7213	16389	1	Standard
[	V-1	51	0.318	ug/L	0.003	0	545	11592	1	Standard
[	Cr	52	0.143	ug/L	0.011	7	21323	28797	0	Standard
[	Cr	53	0.408	ug/L	0.009	2	277	1720	1	Standard
[	Fe	54	404.753	ug/L	4.747	1	100521	1463977	1	Standard
[	Fe	57	519.355	ug/L	3.395	0	21143	673776	1	Standard
[	Mn	55	158.796	ug/L	2.158	1	822	7050535	0	Standard
[>	Ge	72		ug/L			95506	90699	1	KED
[	Co	59	0.016	ug/L	0.003	18	4	90	17	KED
[	Ni	60	0.214	ug/L	0.013	6	22	355	5	KED
[	Ni	62	0.210	ug/L	0.052	24	6	60	22	KED
[	Cu	63	0.063	ug/L	0.007	10	140	420	8	KED
[	Cu	65	0.112	ug/L	0.015	13	62	314	9	KED
[	Zn	66	1.007	ug/L	0.065	6	170	810	3	KED
[	Zn	67	21.259	ug/L	0.724	3	29	2300	2	KED
[	As	75	9.715	ug/L	0.121	1	3	3167	0	KED
[	Se	78	-0.007	ug/L	0.122	1688	13	12	35	KED
	Y	89		ug/L			708606	702781	2	Standard
	Kr	83		ug/L			306	317	15	Standard
[>	In-1	115		ug/L			27202	25608	0	KED
[	Mo	98	2.271	ug/L	0.067	2	11	3843	2	KED
[	Cd	111	0.003	ug/L	0.005	159	5	6	32	KED
[	Cd	114	0.008	ug/L	0.004	47	7	14	24	KED
[>	In	115		ug/L			1332008	1340173	0	Standard
[	Ag	107	-0.000	ug/L	0.000	348	57	55	13	Standard
[	Sb	121	-0.003	ug/L	0.002	60	373	318	10	Standard
[	Sb	123	-0.002	ug/L	0.001	36	306	273	4	Standard
[	Ba	135	361.808	ug/L	1.177	0	46	2546032	0	Standard
[	Ba	137	351.530	ug/L	2.324	0	107	4369899	0	Standard
[>	Tb	159		ug/L			2820494	2925176	0	Standard
[	Tl	205	-0.001	ug/L	0.000	13	156	87	12	Standard
[	Pb	208	0.009	ug/L	0.000	2	652	1768	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:35:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1092049	1107800	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	17	4	12	9	Standard
	C	**13**		ug/L			25578	47614	2	Standard
	Cl	**37**		ug/L			7247639	7070013	1	Standard
[>	**Sc**	**45**		ug/L			1357002	1561625	0	Standard
[	**V**	**51**	**-0.019**	ug/L	0.008	41	7213	7668	3	Standard
[	**V-1**	**51**	**0.061**	ug/L	0.003	4	545	2729	3	Standard
[	**Cr**	**52**	**0.042**	ug/L	0.010	23	21323	25763	1	Standard
[	**Cr**	**53**	**0.296**	ug/L	0.014	4	277	1331	2	Standard
[	**Fe**	**54**	**2190.776**	ug/L	48.282	2	100521	7393100	1	Standard
[	**Fe**	**57**	**2291.378**	ug/L	37.204	1	21143	2881975	0	Standard
[	**Mn**	**55**	**29.249**	ug/L	0.423	1	822	1296205	0	Standard
[>	**Ge**	**72**		ug/L			95506	94408	1	KED
[	**Co**	**59**	**0.005**	ug/L	0.001	16	4	34	13	KED
[	**Ni**	**60**	**0.062**	ug/L	0.015	24	22	122	20	KED
[	**Ni**	**62**	**0.055**	ug/L	0.037	66	6	21	44	KED
[	**Cu**	**63**	**0.028**	ug/L	0.006	20	140	269	9	KED
[	**Cu**	**65**	**0.041**	ug/L	0.005	11	62	158	7	KED
[	**Zn**	**66**	**0.262**	ug/L	0.055	20	170	344	10	KED
[	**Zn**	**67**	**7.563**	ug/L	0.513	6	29	870	6	KED
[	**As**	**75**	**0.018**	ug/L	0.003	16	3	9	10	KED
[	**Se**	**78**	**-0.030**	ug/L	0.018	59	13	12	6	KED
	Y	**89**		ug/L			708606	741760	0	Standard
	Kr	**83**		ug/L			306	313	11	Standard
[>	**In-1**	**115**		ug/L			27202	26914	0	KED
[	**Mo**	**98**	**0.012**	ug/L	0.003	20	11	33	13	KED
[	**Cd**	**111**	**-0.001**	ug/L	0.005	734	5	4	40	KED
[	**Cd**	**114**	**-0.002**	ug/L	0.001	47	7	4	25	KED
[>	**In**	**115**		ug/L			1332008	1422012	0	Standard
[	**Ag**	**107**	**0.004**	ug/L	0.000	10	57	126	5	Standard
[	**Sb**	**121**	**0.011**	ug/L	0.003	25	373	633	9	Standard
[	**Sb**	**123**	**0.010**	ug/L	0.002	17	306	483	5	Standard
[	**Ba**	**135**	**106.755**	ug/L	0.912	0	46	797147	1	Standard
[	**Ba**	**137**	**104.965**	ug/L	0.714	0	107	1384597	0	Standard
[>	**Tb**	**159**		ug/L			2820494	2966117	0	Standard
[	**Tl**	**205**	**-0.001**	ug/L	0.000	8	156	74	9	Standard
[	**Pb**	**208**	**0.010**	ug/L	0.001	6	652	1880	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:40:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1126921	1	Standard
	Be	9	0.009	ug/L	0.002	24	4	63	24	Standard
	C	13		ug/L			25578	51113	1	Standard
	Cl	37		ug/L			7247639	7555175	0	Standard
>	Sc	45		ug/L			1357002	1576546	1	Standard
	V	51	0.058	ug/L	0.011	19	7213	10363	4	Standard
	V-1	51	0.125	ug/L	0.003	2	545	4972	2	Standard
	Cr	52	0.630	ug/L	0.013	2	21323	43331	0	Standard
	Cr	53	0.825	ug/L	0.047	5	277	3172	4	Standard
	Fe	54	727.378	ug/L	13.332	1	100521	2556083	1	Standard
	Fe	57	752.836	ug/L	13.368	1	21143	972381	0	Standard
	Mn	55	27.564	ug/L	0.452	1	822	1233247	1	Standard
>	Ge	72		ug/L			95506	90952	1	KED
	Co	59	0.041	ug/L	0.004	10	4	227	9	KED
	Ni	60	0.532	ug/L	0.024	4	22	855	3	KED
	Ni	62	0.576	ug/L	0.027	4	6	154	4	KED
	Cu	63	0.317	ug/L	0.025	7	140	1586	6	KED
	Cu	65	0.378	ug/L	0.009	2	62	920	1	KED
	Zn	66	0.401	ug/L	0.033	8	170	421	4	KED
	Zn	67	23.963	ug/L	0.579	2	29	2597	2	KED
	As	75	3.671	ug/L	0.096	2	3	1202	1	KED
	Se	78	0.052	ug/L	0.032	61	13	14	6	KED
	Y	89		ug/L			708606	708521	1	Standard
	Kr	83		ug/L			306	278	8	Standard
>	In-1	115		ug/L			27202	25578	1	KED
	Mo	98	0.678	ug/L	0.023	3	11	1154	2	KED
	Cd	111	0.001	ug/L	0.006	766	5	5	47	KED
	Cd	114	-0.002	ug/L	0.002	83	7	4	45	KED
>	In	115		ug/L			1332008	1372990	1	Standard
	Ag	107	-0.000	ug/L	0.000	19	57	55		Standard
	Sb	121	0.053	ug/L	0.003	6	373	1462	4	Standard
	Sb	123	0.050	ug/L	0.002	4	306	1090	2	Standard
	Ba	135	387.412	ug/L	4.291	1	46	2792694	0	Standard
	Ba	137	371.712	ug/L	3.973	1	107	4733595	0	Standard
>	Tb	159		ug/L			2820494	2972792	1	Standard
	Tl	205	-0.001	ug/L	0.000	9	156	69	14	Standard
	Pb	208	0.019	ug/L	0.000	2	652	3111	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:47:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1180136	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	99	4	8	44	Standard
	C	**13**		ug/L			25578	25203	1	Standard
	Cl	**37**		ug/L			7247639	7735771	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1446453	0	Standard
⌈	**V**	**51**	**-0.010**	ug/L	0.003	27	7213	7372	1	Standard
⌊	**V-1**	**51**	**0.004**	ug/L	0.000	9	545	719	0	Standard
⌈	**Cr**	**52**	**-0.046**	ug/L	0.012	26	21323	21489	1	Standard
⌊	**Cr**	**53**	**0.002**	ug/L	0.008	452	277	300	7	Standard
⌈	**Fe**	**54**	**-1.835**	ug/L	1.006	54	100521	101494	2	Standard
⌊	**Fe**	**57**	**-4.640**	ug/L	0.284	6	21143	17178	2	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	102	822	840	4	Standard
⌈>	**Ge**	**72**		ug/L			95506	95897	0	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	227	4	3	91	KED
⌊	**Ni**	**60**	**0.003**	ug/L	0.006	241	22	26	39	KED
⌈	**Ni**	**62**	**0.009**	ug/L	0.028	305	6	9	80	KED
⌊	**Cu**	**63**	**-0.010**	ug/L	0.003	32	140	93	15	KED
⌈	**Cu**	**65**	**-0.010**	ug/L	0.003	35	62	39	20	KED
⌊	**Zn**	**66**	**-0.089**	ug/L	0.018	20	170	110	12	KED
⌈	**Zn**	**67**	**-0.069**	ug/L	0.085	123	29	21	45	KED
⌊	**As**	**75**	**-0.003**	ug/L	0.002	59	3	2	24	KED
⌊	**Se**	**78**	**-0.079**	ug/L	0.062	78	13	10	21	KED
	Y	**89**		ug/L			708606	712334	2	Standard
	Kr	**83**		ug/L			306	302	5	Standard
⌈>	**In-1**	**115**		ug/L			27202	26312	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.003	141	11	8	53	KED
⌊	**Cd**	**111**	**-0.001**	ug/L	0.005	435	5	4	44	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.003	94	7	3	91	KED
⌈>	**In**	**115**		ug/L			1332008	1371774	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	334	57	57	13	Standard
⌊	**Sb**	**121**	**-0.015**	ug/L	0.000	2	373	70	12	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.001	4	306	60	17	Standard
⌊	**Ba**	**135**	**-0.001**	ug/L	0.002	144	46	38	36	Standard
⌊	**Ba**	**137**	**-0.003**	ug/L	0.000	12	107	71	7	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2875497	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	7	156	56	12	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	25	652	606	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:52:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1092049	1142836	2	Standard
	Be	**9**	**50.038**	ug/L	1.196	2	4	343651	0	Standard
	C	**13**		ug/L			25578	25317	1	Standard
	Cl	**37**		ug/L			7247639	7911224	0	Standard
>	**Sc**	**45**		ug/L			1357002	1453683	0	Standard
	V	**51**	**49.739**	ug/L	0.670	1	7213	1583776	2	Standard
	V-1	**51**	**49.826**	ug/L	0.456	0	545	1597135	1	Standard
	Cr	**52**	**50.024**	ug/L	0.433	0	21323	1382564	1	Standard
	Cr	**53**	**50.294**	ug/L	0.828	1	277	160502	0	Standard
	Fe	**54**	**5203.883**	ug/L	19.510	0	100521	16201384	1	Standard
	Fe	**57**	**5188.701**	ug/L	49.690	0	21143	6046588	0	Standard
	Mn	**55**	**52.558**	ug/L	1.047	1	822	2167415	1	Standard
>	**Ge**	**72**		ug/L			95506	97756	0	KED
	Co	**59**	**49.223**	ug/L	0.336	0	4	286598	0	KED
	Ni	**60**	**49.315**	ug/L	0.412	0	22	83104	1	KED
	Ni	**62**	**49.744**	ug/L	1.097	2	6	13713	3	KED
	Cu	**63**	**49.201**	ug/L	0.256	0	140	242710	0	KED
	Cu	**65**	**49.253**	ug/L	0.495	1	62	120739	1	KED
	Zn	**66**	**50.273**	ug/L	0.095	0	170	35130	1	KED
	Zn	**67**	**50.274**	ug/L	0.739	1	29	5823	0	KED
	As	**75**	**49.320**	ug/L	0.317	0	3	17321	1	KED
	Se	**78**	**49.554**	ug/L	1.114	2	13	1948	1	KED
	Y	**89**		ug/L			708606	739885	0	Standard
	Kr	**83**		ug/L			306	309	9	Standard
>	**In-1**	**115**		ug/L			27202	27326	1	KED
	Mo	**98**	**48.623**	ug/L	0.911	1	11	87584	0	KED
	Cd	**111**	**48.628**	ug/L	0.437	0	5	19862	0	KED
	Cd	**114**	**48.942**	ug/L	0.607	1	7	51770	1	KED
>	**In**	**115**		ug/L			1332008	1412795	1	Standard
	Ag	**107**	**49.670**	ug/L	0.657	1	57	841511	1	Standard
	Sb	**121**	**49.401**	ug/L	0.599	1	373	1038120	1	Standard
	Sb	**123**	**50.114**	ug/L	0.726	1	306	805124	1	Standard
	Ba	**135**	**50.143**	ug/L	0.918	1	46	371972	1	Standard
	Ba	**137**	**49.371**	ug/L	0.750	1	107	647062	1	Standard
>	**Tb**	**159**		ug/L			2820494	3030773	1	Standard
	Tl	**205**	**49.367**	ug/L	0.682	1	156	4814997	1	Standard
	Pb	**208**	**47.622**	ug/L	0.798	1	652	6077300	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 00:59:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1126736	4	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	128	4	6	41	Standard
	C	**13**		ug/L			25578	26557	1	Standard
	Cl	**37**		ug/L			7247639	7447057	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1403395	0	Standard
⌈	**V**	**51**	**-0.010**	ug/L	0.005	48	7213	7150	1	Standard
⌊	**V-1**	**51**	**0.004**	ug/L	0.000	7	545	686	1	Standard
⌈	**Cr**	**52**	**-0.036**	ug/L	0.014	38	21323	21106	0	Standard
⌊	**Cr**	**53**	**0.010**	ug/L	0.003	28	277	317	3	Standard
⌈	**Fe**	**54**	**-0.884**	ug/L	0.392	44	100521	101313	0	Standard
⌊	**Fe**	**57**	**-1.929**	ug/L	0.033	1	21143	19703	0	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	42	822	988	5	Standard
⌈>	**Ge**	**72**		ug/L			95506	95849	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.000	62	4	7	25	KED
⌊	**Ni**	**60**	**0.008**	ug/L	0.005	68	22	35	26	KED
⌈	**Ni**	**62**	**0.021**	ug/L	0.009	40	6	12	17	KED
⌈	**Cu**	**63**	**0.005**	ug/L	0.003	62	140	165	7	KED
⌊	**Cu**	**65**	**0.009**	ug/L	0.001	13	62	85	2	KED
⌈	**Zn**	**66**	**0.113**	ug/L	0.043	38	170	247	10	KED
⌊	**Zn**	**67**	**0.090**	ug/L	0.074	81	29	39	19	KED
⌈	**As**	**75**	**0.005**	ug/L	0.005	112	3	4	36	KED
⌊	**Se**	**78**	**0.015**	ug/L	0.057	379	13	14	16	KED
	Y	**89**		ug/L			708606	721506	2	Standard
	Kr	**83**		ug/L			306	299	3	Standard
⌈>	**In-1**	**115**		ug/L			27202	27379	1	KED
⌈	**Mo**	**98**	**0.007**	ug/L	0.002	24	11	24	11	KED
⌈	**Cd**	**111**	**-0.008**	ug/L	0.005	59	5	1	100	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.004	203	7	5	72	KED
⌈>	**In**	**115**		ug/L			1332008	1386048	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	224	57	64	16	Standard
⌈	**Sb**	**121**	**0.038**	ug/L	0.004	9	373	1176	5	Standard
⌊	**Sb**	**123**	**0.039**	ug/L	0.002	6	306	927	5	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	28	46	78	11	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	83	107	130	10	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2864353	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	14	156	348	7	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	5	652	1116	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:04:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1080729	7	Standard
[	Be	9	0.001	ug/L	0.001	57	4	10	36	Standard
	C	13		ug/L			25578	55125	0	Standard
	Cl	37		ug/L			7247639	6855565	2	Standard
[>	Sc	45		ug/L			1357002	1569310	6	Standard
[	V	51	-0.022	ug/L	0.012	55	7213	7584	1	Standard
[	V-1	51	0.187	ug/L	0.011	5	545	7083	3	Standard
[	Cr	52	0.176	ug/L	0.045	25	21323	29785	3	Standard
[	Cr	53	0.840	ug/L	0.044	5	277	3205	5	Standard
[	Fe	54	132.863	ug/L	9.931	7	100521	558415	2	Standard
[	Fe	57	144.326	ug/L	7.761	5	21143	204923	2	Standard
[	Mn	55	41.844	ug/L	1.645	3	822	1861167	5	Standard
[>	Ge	72		ug/L			95506	93517	0	KED
[	Co	59	0.014	ug/L	0.000	2	4	83	2	KED
[	Ni	60	0.733	ug/L	0.031	4	22	1202	4	KED
[	Ni	62	0.757	ug/L	0.093	12	6	206	12	KED
[	Cu	63	0.269	ug/L	0.011	3	140	1407	3	KED
[	Cu	65	0.268	ug/L	0.025	9	62	689	8	KED
[	Zn	66	0.874	ug/L	0.019	2	170	747	1	KED
[	Zn	67	1.831	ug/L	0.254	13	29	230	12	KED
[	As	75	0.012	ug/L	0.003	25	3	6	14	KED
[	Se	78	0.035	ug/L	0.075	214	13	14	19	KED
	Y	89		ug/L			708606	691046	7	Standard
	Kr	83		ug/L			306	311	13	Standard
[>	In-1	115		ug/L			27202	26330	0	KED
[	Mo	98	0.197	ug/L	0.030	14	11	353	13	KED
[	Cd	111	-0.005	ug/L	0.006	123	5	2	88	KED
[	Cd	114	-0.004	ug/L	0.003	74	7	2	104	KED
[>	In	115		ug/L			1332008	1302223	6	Standard
[	Ag	107	-0.000	ug/L	0.000	67	57	51	7	Standard
[	Sb	121	0.010	ug/L	0.002	19	373	563	9	Standard
[	Sb	123	0.009	ug/L	0.001	16	306	430	2	Standard
[	Ba	135	17.786	ug/L	0.962	5	46	121397	2	Standard
[	Ba	137	17.539	ug/L	0.890	5	107	211546	2	Standard
[>	Tb	159		ug/L			2820494	2786205	7	Standard
[	Tl	205	0.000	ug/L	0.000	478	156	157	4	Standard
[	Pb	208	0.070	ug/L	0.005	6	652	8839	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-09
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:10:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1124337	3	Standard
[	Be	9	0.005	ug/L	0.002	39	4	37	33	Standard
	C	13		ug/L			25578	48467	2	Standard
	Cl	37		ug/L			7247639	7816744	0	Standard
[>	Sc	45		ug/L			1357002	1538366	0	Standard
[	V	51	0.449	ug/L	0.007	1	7213	23225	1	Standard
[	V-1	51	0.492	ug/L	0.007	1	545	17302	1	Standard
[	Cr	52	0.003	ug/L	0.007	274	21323	24246	0	Standard
[	Cr	53	0.158	ug/L	0.006	3	277	845	2	Standard
[	Fe	54	11846.812	ug/L	23.448	0	100521	38885708	0	Standard
[	Fe	57	12298.039	ug/L	85.537	0	21143	15133535	0	Standard
[	Mn	55	429.236	ug/L	7.694	1	822	18725946	1	Standard
[>	Ge	72		ug/L			95506	90366	1	KED
[	Co	59	0.094	ug/L	0.002	1	4	511	0	KED
[	Ni	60	0.161	ug/L	0.018	11	22	271	8	KED
[	Ni	62	0.146	ug/L	0.031	21	6	43	18	KED
[	Cu	63	0.044	ug/L	0.001	1	140	332	2	KED
[	Cu	65	0.061	ug/L	0.003	4	62	198	1	KED
[	Zn	66	0.157	ug/L	0.031	19	170	261	6	KED
[	Zn	67	3.687	ug/L	0.134	3	29	420	2	KED
[	As	75	2.185	ug/L	0.085	3	3	712	2	KED
[	Se	78	0.023	ug/L	0.066	282	13	13	16	KED
	Y	89		ug/L			708606	723268	0	Standard
	Kr	83		ug/L			306	320	2	Standard
[>	In-1	115		ug/L			27202	25814	2	KED
[	Mo	98	0.367	ug/L	0.026	7	11	635	4	KED
[	Cd	111	-0.006	ug/L	0.002	26	5	2	21	KED
[	Cd	114	-0.004	ug/L	0.003	92	7	3	103	KED
[>	In	115		ug/L			1332008	1272577	4	Standard
[	Ag	107	0.001	ug/L	0.000	13	57	74	7	Standard
[	Sb	121	0.017	ug/L	0.003	15	373	676	4	Standard
[	Sb	123	0.018	ug/L	0.005	26	306	546	12	Standard
[	Ba	135	55.609	ug/L	1.685	3	46	371303	1	Standard
[	Ba	137	55.562	ug/L	1.796	3	107	655417	1	Standard
[>	Tb	159		ug/L			2820494	2933906	0	Standard
[	Tl	205	-0.001	ug/L	0.000	1	156	61	3	Standard
[	Pb	208	0.013	ug/L	0.001	4	652	2260	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-11
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:15:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1146886	0	Standard
[	Be	9	0.001	ug/L	0.001	112	4	11	66	Standard
	C	13		ug/L			25578	53692	1	Standard
	Cl	37		ug/L			7247639	7645705	0	Standard
[>	Sc	45		ug/L			1357002	1545990	1	Standard
[	V	51	0.089	ug/L	0.003	3	7213	11218	0	Standard
[	V-1	51	0.120	ug/L	0.001	0	545	4706	1	Standard
[	Cr	52	0.032	ug/L	0.013	40	21323	25201	0	Standard
[	Cr	53	0.133	ug/L	0.004	3	277	765	0	Standard
[	Fe	54	148.410	ug/L	1.299	0	100521	602586	1	Standard
[	Fe	57	312.151	ug/L	3.031	0	21143	409473	1	Standard
[	Mn	55	187.566	ug/L	1.202	0	822	8224061	1	Standard
[>	Ge	72		ug/L			95506	89317	0	KED
[	Co	59	0.074	ug/L	0.002	2	4	395	2	KED
[	Ni	60	0.113	ug/L	0.017	14	22	194	13	KED
[	Ni	62	0.098	ug/L	0.019	19	6	31	15	KED
[	Cu	63	0.015	ug/L	0.007	43	140	198	14	KED
[	Cu	65	0.048	ug/L	0.001	2	62	166	1	KED
[	Zn	66	8.865	ug/L	0.049	0	170	5791	0	KED
[	Zn	67	22.904	ug/L	1.690	7	29	2438	7	KED
[	As	75	0.059	ug/L	0.009	15	3	21	13	KED
[	Se	78	-0.016	ug/L	0.103	637	13	12	29	KED
	Y	89		ug/L			708606	697517	0	Standard
	Kr	83		ug/L			306	329	4	Standard
[>	In-1	115		ug/L			27202	25153	1	KED
[	Mo	98	0.085	ug/L	0.006	6	11	151	5	KED
[	Cd	111	0.001	ug/L	0.012	1253	5	5	88	KED
[	Cd	114	-0.002	ug/L	0.002	100	7	4	44	KED
[>	In	115		ug/L			1332008	1243571	2	Standard
[	Ag	107	-0.000	ug/L	0.001	554	57	51	30	Standard
[	Sb	121	0.024	ug/L	0.003	13	373	799	6	Standard
[	Sb	123	0.027	ug/L	0.001	4	306	672	4	Standard
[	Ba	135	263.340	ug/L	4.316	1	46	1719100	0	Standard
[	Ba	137	282.113	ug/L	3.893	1	107	3253971	2	Standard
[>	Tb	159		ug/L			2820494	2902759	0	Standard
[	Tl	205	-0.001	ug/L	0.000	26	156	74	31	Standard
[	Pb	208	-0.001	ug/L	0.000	19	652	523	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-13
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:19:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1114957	1	Standard
	Be	9	0.001	ug/L	0.000	19	4	10	10	Standard
	C	13		ug/L			25578	47868	1	Standard
	Cl	37		ug/L			7247639	7351981	1	Standard
>	Sc	45		ug/L			1357002	1517328	1	Standard
	V	51	0.014	ug/L	0.001	6	7213	8528	1	Standard
	V-1	51	0.057	ug/L	0.001	2	545	2514	2	Standard
	Cr	52	-0.046	ug/L	0.009	20	21323	22544	0	Standard
	Cr	53	0.095	ug/L	0.010	10	277	624	5	Standard
	Fe	54	20.416	ug/L	0.902	4	100521	178274	0	Standard
	Fe	57	80.934	ug/L	0.711	0	21143	121715	1	Standard
	Mn	55	37.933	ug/L	0.151	0	822	1633227	1	Standard
>	Ge	72		ug/L			95506	87252	6	KED
	Co	59	0.110	ug/L	0.008	7	4	573	4	KED
	Ni	60	0.582	ug/L	0.016	2	22	895	4	KED
	Ni	62	0.501	ug/L	0.068	13	6	130	18	KED
	Cu	63	0.641	ug/L	0.033	5	140	2946	5	KED
	Cu	65	0.667	ug/L	0.028	4	62	1514	3	KED
	Zn	66	0.705	ug/L	0.064	9	170	594	12	KED
	Zn	67	5.247	ug/L	0.466	8	29	565	6	KED
	As	75	0.696	ug/L	0.038	5	3	220	3	KED
	Se	78	-0.030	ug/L	0.015	49	13	11	9	KED
	Y	89		ug/L			708606	712581	1	Standard
	Kr	83		ug/L			306	279	14	Standard
>	In-1	115		ug/L			27202	25588	1	KED
	Mo	98	0.655	ug/L	0.009	1	11	1115	2	KED
	Cd	111	0.004	ug/L	0.003	73	5	6	17	KED
	Cd	114	0.001	ug/L	0.002	144	7	8	24	KED
>	In	115		ug/L			1332008	1333430	3	Standard
	Ag	107	0.002	ug/L	0.000	13	57	93	3	Standard
	Sb	121	0.005	ug/L	0.003	74	373	464	13	Standard
	Sb	123	0.003	ug/L	0.001	44	306	354	6	Standard
	Ba	135	69.701	ug/L	1.937	2	46	487771	0	Standard
	Ba	137	69.224	ug/L	1.340	1	107	855944	1	Standard
>	Tb	159		ug/L			2820494	2910656	1	Standard
	Tl	205	-0.000	ug/L	0.000	129	156	153	7	Standard
	Pb	208	0.006	ug/L	0.000	6	652	1391	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-15
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:24:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1150746	3	Standard
	Be	9	0.006	ug/L	0.002	45	4	43	42	Standard
	C	13		ug/L			25578	49268	1	Standard
	Cl	37		ug/L			7247639	7686927	0	Standard
>	Sc	45		ug/L			1357002	1548334	1	Standard
	V	51	0.074	ug/L	0.005	6	7213	10710	1	Standard
	V-1	51	0.107	ug/L	0.003	2	545	4259	2	Standard
	Cr	52	-0.029	ug/L	0.016	55	21323	23478	1	Standard
	Cr	53	0.081	ug/L	0.009	10	277	589	3	Standard
	Fe	54	1264.192	ug/L	30.744	2	100521	4277998	1	Standard
	Fe	57	1378.147	ug/L	25.971	1	21143	1728297	2	Standard
	Mn	55	152.586	ug/L	1.335	0	822	6700424	0	Standard
>	Ge	72		ug/L			95506	88537	1	KED
	Co	59	0.017	ug/L	0.003	15	4	93	15	KED
	Ni	60	0.121	ug/L	0.015	12	22	204	10	KED
	Ni	62	0.109	ug/L	0.024	21	6	33	16	KED
	Cu	63	1.005	ug/L	0.029	2	140	4615	2	KED
	Cu	65	1.035	ug/L	0.028	2	62	2354	2	KED
	Zn	66	2.629	ug/L	0.094	3	170	1813	4	KED
	Zn	67	19.460	ug/L	1.377	7	29	2057	6	KED
	As	75	0.189	ug/L	0.016	8	3	62	6	KED
	Se	78	-0.016	ug/L	0.042	262	13	12	10	KED
	Y	89		ug/L			708606	697693	1	Standard
	Kr	83		ug/L			306	297	5	Standard
>	In-1	115		ug/L			27202	24536	0	KED
	Mo	98	0.327	ug/L	0.013	4	11	539	4	KED
	Cd	111	0.007	ug/L	0.011	165	5	6	56	KED
	Cd	114	-0.002	ug/L	0.003	143	7	4	62	KED
>	In	115		ug/L			1332008	1281037	1	Standard
	Ag	107	-0.000	ug/L	0.000	1924	57	55	12	Standard
	Sb	121	-0.003	ug/L	0.001	39	373	308	7	Standard
	Sb	123	-0.003	ug/L	0.001	30	306	248	4	Standard
	Ba	135	280.812	ug/L	6.949	2	46	1888357	0	Standard
	Ba	137	297.820	ug/L	8.244	2	107	3537932	1	Standard
>	Tb	159		ug/L			2820494	2860243	1	Standard
	Tl	205	-0.001	ug/L	0.000	15	156	60	26	Standard
	Pb	208	0.036	ug/L	0.002	5	652	5004	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:29:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1089972	2	Standard
	Be	9	0.003	ug/L	0.001	19	4	22	13	Standard
	C	13		ug/L			25578	52623	2	Standard
	Cl	37		ug/L			7247639	7503402	0	Standard
>	Sc	45		ug/L			1357002	1531951	1	Standard
	V	51	0.146	ug/L	0.009	6	7213	13032	3	Standard
	V-1	51	0.214	ug/L	0.000	0	545	7845	1	Standard
	Cr	52	0.110	ug/L	0.026	24	21323	27227	3	Standard
	Cr	53	0.329	ug/L	0.004	1	277	1417	1	Standard
	Fe	54	3370.953	ug/L	42.553	1	100521	11098634	0	Standard
	Fe	57	3488.897	ug/L	47.544	1	21143	4292328	0	Standard
	Mn	55	353.832	ug/L	4.624	1	822	15372851	1	Standard
>	Ge	72		ug/L			95506	88746	2	KED
	Co	59	0.921	ug/L	0.028	3	4	4869	1	KED
	Ni	60	0.316	ug/L	0.010	3	22	503	5	KED
	Ni	62	0.288	ug/L	0.067	23	6	78	23	KED
	Cu	63	0.673	ug/L	0.012	1	140	3141	1	KED
	Cu	65	0.724	ug/L	0.061	8	62	1666	6	KED
	Zn	66	5.656	ug/L	0.146	2	170	3727	1	KED
	Zn	67	16.166	ug/L	1.537	9	29	1716	7	KED
	As	75	3.145	ug/L	0.350	11	3	1003	8	KED
	Se	78	2.022	ug/L	3.367	166	13	82	140	KED
	Y	89		ug/L			708606	699134	0	Standard
	Kr	83		ug/L			306	321	4	Standard
>	In-1	115		ug/L			27202	25032	2	KED
	Mo	98	3.613	ug/L	0.136	3	11	5969	3	KED
	Cd	111	0.005	ug/L	0.003	54	5	6	14	KED
	Cd	114	0.005	ug/L	0.006	126	7	11	51	KED
>	In	115		ug/L			1332008	1300637	1	Standard
	Ag	107	0.001	ug/L	0.001	64	57	76	17	Standard
	Sb	121	0.022	ug/L	0.002	10	373	784	4	Standard
	Sb	123	0.024	ug/L	0.001	5	306	651	2	Standard
	Ba	135	161.063	ug/L	2.926	1	46	1099788	0	Standard
	Ba	137	159.083	ug/L	3.200	2	107	1918963	0	Standard
>	Tb	159		ug/L			2820494	2899174	0	Standard
	Tl	205	-0.001	ug/L	0.000	20	156	107	10	Standard
	Pb	208	0.088	ug/L	0.002	1	652	11370	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:34:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1088954	3	Standard
[	Be	9	0.002	ug/L	0.001	43	4	19	36	Standard
	C	13		ug/L			25578	51357	1	Standard
	Cl	37		ug/L			7247639	7503853	1	Standard
[>	Sc	45		ug/L			1357002	1562542	1	Standard
[	V	51	0.145	ug/L	0.003	2	7213	13247	0	Standard
[	V-1	51	0.213	ug/L	0.003	1	545	7949	0	Standard
[	Cr	52	0.033	ug/L	0.007	22	21323	25507	0	Standard
[	Cr	53	0.254	ug/L	0.010	3	277	1188	1	Standard
[	Fe	54	3425.197	ug/L	66.335	1	100521	11500598	1	Standard
[	Fe	57	3619.937	ug/L	69.554	1	21143	4541400	1	Standard
[	Mn	55	360.314	ug/L	2.366	0	822	15966617	0	Standard
[>	Ge	72		ug/L			95506	86902	3	KED
[	Co	59	0.952	ug/L	0.007	0	4	4932	2	KED
[	Ni	60	0.346	ug/L	0.007	2	22	537	3	KED
[	Ni	62	0.379	ug/L	0.037	9	6	99	8	KED
[	Cu	63	0.754	ug/L	0.038	4	140	3428	1	KED
[	Cu	65	0.760	ug/L	0.007	0	62	1712	3	KED
[	Zn	66	9.094	ug/L	0.304	3	170	5771	1	KED
[	Zn	67	19.586	ug/L	0.496	2	29	2031	1	KED
[	As	75	3.078	ug/L	0.131	4	3	962	0	KED
[	Se	78	0.025	ug/L	0.126	505	13	13	33	KED
	Y	89		ug/L			708606	708452	1	Standard
	Kr	83		ug/L			306	338	5	Standard
[>	In-1	115		ug/L			27202	23412	8	KED
[	Mo	98	3.866	ug/L	0.084	2	11	5969	6	KED
[	Cd	111	0.009	ug/L	0.011	127	5	7	45	KED
[	Cd	114	0.002	ug/L	0.005	238	7	8	48	KED
[>	In	115		ug/L			1332008	1323350	2	Standard
[	Ag	107	0.001	ug/L	0.000	23	57	76	7	Standard
[	Sb	121	0.029	ug/L	0.002	7	373	948	3	Standard
[	Sb	123	0.031	ug/L	0.001	2	306	774	3	Standard
[	Ba	135	163.568	ug/L	1.423	0	46	1136453	1	Standard
[	Ba	137	171.902	ug/L	9.005	5	107	2111722	7	Standard
[>	Tb	159		ug/L			2820494	2959578	0	Standard
[	Tl	205	-0.001	ug/L	0.000	3	156	111	2	Standard
[	Pb	208	0.100	ug/L	0.003	2	652	13139	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:39:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1080080	2	Standard
	Be	9	25.765	ug/L	0.705	2	4	167221	0	Standard
	C	13		ug/L			25578	50978	1	Standard
	Cl	37		ug/L			7247639	7549502	1	Standard
>	Sc	45		ug/L			1357002	1552899	1	Standard
	V	51	23.600	ug/L	0.227	0	7213	806993	0	Standard
	V-1	51	23.666	ug/L	0.239	1	545	810600	1	Standard
	Cr	52	23.238	ug/L	0.249	1	21323	699104	1	Standard
	Cr	53	23.461	ug/L	0.179	0	277	80152	0	Standard
	Fe	54	3488.244	ug/L	25.008	0	100521	11638387	0	Standard
	Fe	57	3619.412	ug/L	12.486	0	21143	4513187	1	Standard
	Mn	55	392.072	ug/L	2.260	0	822	17266667	0	Standard
>	Ge	72		ug/L			95506	90935	0	KED
	Co	59	26.837	ug/L	0.488	1	4	145357	1	KED
	Ni	60	25.378	ug/L	0.489	1	22	39793	2	KED
	Ni	62	25.462	ug/L	0.342	1	6	6532	1	KED
	Cu	63	25.284	ug/L	0.308	1	140	116089	0	KED
	Cu	65	25.764	ug/L	0.246	0	62	58775	0	KED
	Zn	66	85.005	ug/L	0.738	0	170	55142	0	KED
	Zn	67	90.638	ug/L	0.653	0	29	9744	0	KED
	As	75	29.015	ug/L	0.175	0	3	9480	0	KED
	Se	78	81.890	ug/L	0.531	0	13	2986	0	KED
	Y	89		ug/L			708606	716510	1	Standard
	Kr	83		ug/L			306	332	9	Standard
>	In-1	115		ug/L			27202	25701	0	KED
	Mo	98	27.653	ug/L	0.216	0	11	46859	0	KED
	Cd	111	25.346	ug/L	0.316	1	5	9739	0	KED
	Cd	114	25.213	ug/L	0.073	0	7	25088	1	KED
>	In	115		ug/L			1332008	1328898	1	Standard
	Ag	107	24.212	ug/L	0.163	0	57	385884	1	Standard
	Sb	121	23.677	ug/L	0.291	1	373	468187	0	Standard
	Sb	123	23.667	ug/L	0.255	1	306	357829	2	Standard
	Ba	135	191.427	ug/L	1.866	0	46	1335628	0	Standard
	Ba	137	205.004	ug/L	0.999	0	107	2526978	1	Standard
>	Tb	159		ug/L			2820494	2931416	0	Standard
	Tl	205	25.381	ug/L	0.356	1	156	2394391	1	Standard
	Pb	208	22.563	ug/L	0.091	0	652	2785746	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0485-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:45:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1083696	2	Standard
[	Be	9	24.741	ug/L	0.759	3	4	161103	1	Standard
	C	13		ug/L			25578	50923	2	Standard
	Cl	37		ug/L			7247639	7519123	0	Standard
[>	Sc	45		ug/L			1357002	1547543	1	Standard
[	V	51	22.581	ug/L	0.152	0	7213	769854	1	Standard
[	V-1	51	22.548	ug/L	0.204	0	545	769664	0	Standard
[	Cr	52	22.614	ug/L	0.182	0	21323	678662	1	Standard
[	Cr	53	22.506	ug/L	0.333	1	277	76628	0	Standard
[	Fe	54	3473.512	ug/L	99.273	2	100521	11546706	1	Standard
[	Fe	57	3658.634	ug/L	73.024	1	21143	4545136	0	Standard
[	Mn	55	390.401	ug/L	9.062	2	822	17130431	0	Standard
[>	Ge	72		ug/L			95506	91042	0	KED
[	Co	59	26.342	ug/L	0.526	1	4	142836	1	KED
[	Ni	60	24.837	ug/L	0.227	0	22	38990	1	KED
[	Ni	62	24.451	ug/L	0.739	3	6	6280	3	KED
[	Cu	63	24.527	ug/L	0.277	1	140	112758	1	KED
[	Cu	65	24.737	ug/L	0.392	1	62	56502	1	KED
[	Zn	66	82.993	ug/L	1.103	1	170	53905	1	KED
[	Zn	67	88.710	ug/L	1.510	1	29	9549	2	KED
[	As	75	28.280	ug/L	0.101	0	3	9251	1	KED
[	Se	78	80.839	ug/L	1.310	1	13	2952	2	KED
	Y	89		ug/L			708606	707463	1	Standard
	Kr	83		ug/L			306	293	14	Standard
[>	In-1	115		ug/L			27202	25655	2	KED
[	Mo	98	28.483	ug/L	0.580	2	11	48165	0	KED
[	Cd	111	24.927	ug/L	0.737	2	5	9557	1	KED
[	Cd	114	24.560	ug/L	0.790	3	7	24381	0	KED
[>	In	115		ug/L			1332008	1296835	2	Standard
[	Ag	107	23.802	ug/L	0.144	0	57	370237	2	Standard
[	Sb	121	24.536	ug/L	0.606	2	373	473330	1	Standard
[	Sb	123	24.752	ug/L	0.299	1	306	365118	1	Standard
[	Ba	135	193.306	ug/L	2.541	1	46	1316063	0	Standard
[	Ba	137	208.396	ug/L	2.344	1	107	2506508	1	Standard
[>	Tb	159		ug/L			2820494	2918306	1	Standard
[	Tl	205	25.005	ug/L	0.241	0	156	2348262	0	Standard
[	Pb	208	22.058	ug/L	0.315	1	652	2711010	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:53:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1127372	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	183	4	6	62	Standard
	C	**13**		ug/L			25578	24220	0	Standard
	Cl	**37**		ug/L			7247639	7679836	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1403572	1	Standard
⌈	**V**	**51**	**-0.005**	ug/L	0.005	98	7213	7292	1	Standard
⌊	**V-1**	**51**	**0.007**	ug/L	0.000	1	545	780	1	Standard
⌈	**Cr**	**52**	**-0.034**	ug/L	0.012	35	21323	21152	0	Standard
⌊	**Cr**	**53**	**0.007**	ug/L	0.007	103	277	307	7	Standard
⌈	**Fe**	**54**	**-1.822**	ug/L	0.632	34	100521	98519	1	Standard
⌊	**Fe**	**57**	**-5.588**	ug/L	0.326	5	21143	15601	0	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.002	280	822	872	5	Standard
⌈>	**Ge**	**72**		ug/L			95506	94156	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	289	4	5	66	KED
⌊	**Ni**	**60**	**0.002**	ug/L	0.003	133	22	25	18	KED
⌈	**Ni**	**62**	**-0.007**	ug/L	0.009	131	6	5	43	KED
⌊	**Cu**	**63**	**-0.012**	ug/L	0.002	16	140	79	13	KED
⌈	**Cu**	**65**	**-0.007**	ug/L	0.004	51	62	45	19	KED
⌊	**Zn**	**66**	**-0.082**	ug/L	0.014	17	170	113	8	KED
⌈	**Zn**	**67**	**-0.145**	ug/L	0.028	19	29	12	22	KED
⌊	**As**	**75**	**-0.002**	ug/L	0.001	43	3	2	10	KED
⌊	**Se**	**78**	**0.037**	ug/L	0.126	338	13	14	33	KED
	Y	**89**		ug/L			708606	731808	2	Standard
	Kr	**83**		ug/L			306	297	3	Standard
⌈>	**In-1**	**115**		ug/L			27202	27084	1	KED
⌈	**Mo**	**98**	**0.000**	ug/L	0.003	591	11	12	39	KED
⌊	**Cd**	**111**	**-0.006**	ug/L	0.005	78	5	2	78	KED
⌊	**Cd**	**114**	**-0.005**	ug/L	0.000	2	7	1	6	KED
⌈>	**In**	**115**		ug/L			1332008	1355206	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	66	57	73	12	Standard
⌊	**Sb**	**121**	**-0.013**	ug/L	0.002	13	373	120	28	Standard
⌈	**Sb**	**123**	**-0.015**	ug/L	0.001	5	306	88	13	Standard
⌊	**Ba**	**135**	**-0.000**	ug/L	0.001	154	46	44	12	Standard
⌊	**Ba**	**137**	**-0.004**	ug/L	0.000	10	107	61	7	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2940371	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	22	156	99	15	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.001	237	652	706	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 01:58:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1092049	1106683	3	Standard
	Be	**9**	**50.596**	ug/L	1.450	2	4	336365	1	Standard
	C	**13**		ug/L			25578	24610	2	Standard
	Cl	**37**		ug/L			7247639	7751133	0	Standard
>	**Sc**	**45**		ug/L			1357002	1404225	1	Standard
	V	**51**	**50.217**	ug/L	1.317	2	7213	1544171	2	Standard
	V-1	**51**	**50.328**	ug/L	1.155	2	545	1558023	1	Standard
	Cr	**52**	**50.959**	ug/L	1.324	2	21323	1359757	1	Standard
	Cr	**53**	**51.289**	ug/L	0.987	1	277	158082	0	Standard
	Fe	**54**	**5298.929**	ug/L	89.506	1	100521	15930899	0	Standard
	Fe	**57**	**5351.813**	ug/L	93.586	1	21143	6022945	0	Standard
	Mn	**55**	**52.458**	ug/L	2.435	4	822	2089232	3	Standard
>	**Ge**	**72**		ug/L			95506	95986	0	KED
	Co	**59**	**48.519**	ug/L	1.083	2	4	277374	1	KED
	Ni	**60**	**49.518**	ug/L	0.879	1	22	81930	1	KED
	Ni	**62**	**48.953**	ug/L	0.709	1	6	13249	0	KED
	Cu	**63**	**48.614**	ug/L	0.541	1	140	235473	0	KED
	Cu	**65**	**49.349**	ug/L	0.694	1	62	118775	0	KED
	Zn	**66**	**50.831**	ug/L	0.603	1	170	34872	0	KED
	Zn	**67**	**50.293**	ug/L	0.242	0	29	5720	1	KED
	As	**75**	**49.261**	ug/L	0.947	1	3	16986	1	KED
	Se	**78**	**50.268**	ug/L	1.011	2	13	1940	1	KED
	Y	**89**		ug/L			708606	722164	3	Standard
	Kr	**83**		ug/L			306	313	9	Standard
>	**In-1**	**115**		ug/L			27202	27422	1	KED
	Mo	**98**	**48.191**	ug/L	0.611	1	11	87118	0	KED
	Cd	**111**	**48.076**	ug/L	0.512	1	5	19707	1	KED
	Cd	**114**	**48.162**	ug/L	0.778	1	7	51121	0	KED
>	**In**	**115**		ug/L			1332008	1355799	2	Standard
	Ag	**107**	**51.018**	ug/L	0.278	0	57	829625	3	Standard
	Sb	**121**	**49.688**	ug/L	2.439	4	373	1001122	2	Standard
	Sb	**123**	**50.619**	ug/L	1.467	2	306	780017	0	Standard
	Ba	**135**	**51.206**	ug/L	2.123	4	46	364289	1	Standard
	Ba	**137**	**50.768**	ug/L	1.795	3	107	638128	0	Standard
>	**Tb**	**159**		ug/L			2820494	2935803	2	Standard
	Tl	**205**	**50.896**	ug/L	0.815	1	156	4807464	0	Standard
	Pb	**208**	**48.602**	ug/L	1.358	2	652	6006289	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:06:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1124798	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	2316	4	4	65	Standard
	C	**13**		ug/L			25578	25956	1	Standard
	Cl	**37**		ug/L			7247639	7558065	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1396608	3	Standard
⌈	**V**	**51**	**-0.014**	ug/L	0.007	46	7213	6988	1	Standard
⌊	**V-1**	**51**	**0.002**	ug/L	0.001	51	545	631	3	Standard
⌈	**Cr**	**52**	**-0.054**	ug/L	0.013	23	21323	20531	2	Standard
⌊	**Cr**	**53**	**0.000**	ug/L	0.007	1552	277	286	10	Standard
⌈	**Fe**	**54**	**-1.066**	ug/L	1.241	116	100521	100204	0	Standard
⌊	**Fe**	**57**	**-3.149**	ug/L	0.363	11	21143	18242	2	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.002	59	822	968	4	Standard
⌈>	**Ge**	**72**		ug/L			95506	94813	1	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	112	4	6	41	KED
⌊	**Ni**	**60**	**0.010**	ug/L	0.003	26	22	38	11	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.012	480	6	7	43	KED
⌈	**Cu**	**63**	**0.005**	ug/L	0.006	127	140	161	16	KED
⌊	**Cu**	**65**	**0.010**	ug/L	0.005	51	62	85	14	KED
⌈	**Zn**	**66**	**0.106**	ug/L	0.043	40	170	240	12	KED
⌊	**Zn**	**67**	**0.121**	ug/L	0.071	58	29	42	18	KED
⌈	**As**	**75**	**0.003**	ug/L	0.005	152	3	4	40	KED
⌊	**Se**	**78**	**0.034**	ug/L	0.111	326	13	14	28	KED
	Y	**89**		ug/L			708606	710345	1	Standard
	Kr	**83**		ug/L			306	290	9	Standard
⌈>	**In-1**	**115**		ug/L			27202	27167	1	KED
⌈	**Mo**	**98**	**0.003**	ug/L	0.002	89	11	16	26	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.006	148	5	3	68	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	87	7	4	44	KED
⌈>	**In**	**115**		ug/L			1332008	1381768	3	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	131	57	66	14	Standard
⌈	**Sb**	**121**	**0.039**	ug/L	0.004	9	373	1185	3	Standard
⌊	**Sb**	**123**	**0.039**	ug/L	0.003	8	306	937	6	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	16	46	74	2	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	85	107	130	13	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2937183	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	5	156	325	3	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.001	18	652	1103	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:10:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1121644	12	Standard
	Be	9	0.000	ug/L	0.001	140	4	6	41	Standard
	C	13		ug/L			25578	48931	1	Standard
	Cl	37		ug/L			7247639	6773757	2	Standard
>	Sc	45		ug/L			1357002	1594526	6	Standard
	V	51	0.133	ug/L	0.012	8	7213	13069	3	Standard
	V-1	51	0.252	ug/L	0.008	3	545	9475	4	Standard
	Cr	52	-0.016	ug/L	0.042	258	21323	24512	2	Standard
	Cr	53	0.372	ug/L	0.028	7	277	1620	1	Standard
	Fe	54	38.606	ug/L	5.661	14	100521	248184	0	Standard
	Fe	57	44.325	ug/L	2.590	5	21143	81138	3	Standard
	Mn	55	32.953	ug/L	1.114	3	822	1488950	4	Standard
>	Ge	72		ug/L			95506	92765	0	KED
	Co	59	0.031	ug/L	0.001	1	4	174	2	KED
	Ni	60	1.960	ug/L	0.050	2	22	3154	1	KED
	Ni	62	1.902	ug/L	0.060	3	6	504	2	KED
	Cu	63	0.071	ug/L	0.002	2	140	469	2	KED
	Cu	65	0.074	ug/L	0.007	8	62	232	5	KED
	Zn	66	0.905	ug/L	0.060	6	170	762	5	KED
	Zn	67	2.086	ug/L	0.352	16	29	256	15	KED
	As	75	0.172	ug/L	0.014	7	3	60	7	KED
	Se	78	-0.017	ug/L	0.048	285	13	12	13	KED
	Y	89		ug/L			708606	684528	8	Standard
	Kr	83		ug/L			306	307	9	Standard
>	In-1	115		ug/L			27202	26194	0	KED
	Mo	98	1.223	ug/L	0.030	2	11	2123	2	KED
	Cd	111	-0.004	ug/L	0.004	106	5	3	41	KED
	Cd	114	-0.005	ug/L	0.003	61	7	2	138	KED
>	In	115		ug/L			1332008	1305724	11	Standard
	Ag	107	0.000	ug/L	0.001	612	57	58	22	Standard
	Sb	121	0.241	ug/L	0.020	8	373	5015	4	Standard
	Sb	123	0.242	ug/L	0.021	8	306	3873	4	Standard
	Ba	135	19.748	ug/L	1.769	8	46	134515	3	Standard
	Ba	137	19.314	ug/L	1.921	9	107	232242	2	Standard
>	Tb	159		ug/L			2820494	2781105	8	Standard
	Tl	205	0.000	ug/L	0.000	440	156	158	6	Standard
	Pb	208	0.085	ug/L	0.007	8	652	10524	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:15:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1143053	1	Standard
	Be	9	0.008	ug/L	0.002	25	4	57	21	Standard
	C	13		ug/L			25578	51844	1	Standard
	Cl	37		ug/L			7247639	7091684	0	Standard
>	Sc	45		ug/L			1357002	1679613	0	Standard
	V	51	-0.002	ug/L	0.005	266	7213	8861	2	Standard
	V-1	51	0.218	ug/L	0.005	2	545	8731	2	Standard
	Cr	52	0.642	ug/L	0.023	3	21323	46552	1	Standard
	Cr	53	1.325	ug/L	0.008	0	277	5219	0	Standard
	Fe	54	808.427	ug/L	14.987	1	100521	3013155	1	Standard
	Fe	57	776.356	ug/L	12.841	1	21143	1067607	1	Standard
	Mn	55	118.710	ug/L	2.976	2	822	5655684	2	Standard
>	Ge	72		ug/L			95506	92170	1	KED
	Co	59	2.418	ug/L	0.066	2	4	13274	1	KED
	Ni	60	22.216	ug/L	0.599	2	22	35299	1	KED
	Ni	62	22.410	ug/L	0.376	1	6	5827	0	KED
	Cu	63	0.122	ug/L	0.007	6	140	704	3	KED
	Cu	65	0.128	ug/L	0.014	10	62	355	7	KED
	Zn	66	2.562	ug/L	0.172	6	170	1842	4	KED
	Zn	67	3.208	ug/L	0.458	14	29	376	12	KED
	As	75	16.347	ug/L	0.212	1	3	5414	1	KED
	Se	78	-0.007	ug/L	0.163	2223	13	12	45	KED
	Y	89		ug/L			708606	721686	0	Standard
	Kr	83		ug/L			306	302	3	Standard
>	In-1	115		ug/L			27202	26003	1	KED
	Mo	98	1.573	ug/L	0.010	0	11	2706	1	KED
	Cd	111	0.001	ug/L	0.004	273	5	5	26	KED
	Cd	114	-0.003	ug/L	0.002	84	7	4	51	KED
>	In	115		ug/L			1332008	1347037	1	Standard
	Ag	107	-0.000	ug/L	0.000	641	57	57	12	Standard
	Sb	121	0.069	ug/L	0.002	2	373	1762	0	Standard
	Sb	123	0.069	ug/L	0.003	3	306	1373	1	Standard
	Ba	135	13.295	ug/L	0.035	0	46	94078	1	Standard
	Ba	137	12.870	ug/L	0.272	2	107	160879	1	Standard
>	Tb	159		ug/L			2820494	2975372	0	Standard
	Tl	205	-0.001	ug/L	0.000	39	156	114	18	Standard
	Pb	208	0.007	ug/L	0.001	7	652	1576	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:20:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1163364	2	Standard
	Be	9	0.006	ug/L	0.001	10	4	48	9	Standard
	C	13		ug/L			25578	51299	0	Standard
	Cl	37		ug/L			7247639	6867772	0	Standard
>	Sc	45		ug/L			1357002	1719224	0	Standard
	V	51	-0.023	ug/L	0.009	40	7213	8280	4	Standard
	V-1	51	0.201	ug/L	0.002	0	545	8297	1	Standard
	Cr	52	0.706	ug/L	0.030	4	21323	49710	1	Standard
	Cr	53	1.399	ug/L	0.008	0	277	5622	0	Standard
	Fe	54	38.161	ug/L	1.035	2	100521	266925	1	Standard
	Fe	57	60.366	ug/L	1.545	2	21143	109676	2	Standard
	Mn	55	184.883	ug/L	3.157	1	822	9014764	1	Standard
>	Ge	72		ug/L			95506	92402	1	KED
	Co	59	0.024	ug/L	0.003	12	4	137	10	KED
	Ni	60	1.069	ug/L	0.017	1	22	1723	0	KED
	Ni	62	1.082	ug/L	0.116	10	6	288	9	KED
	Cu	63	0.129	ug/L	0.011	8	140	738	5	KED
	Cu	65	0.142	ug/L	0.010	6	62	388	6	KED
	Zn	66	0.171	ug/L	0.011	6	170	276	2	KED
	Zn	67	3.183	ug/L	0.293	9	29	375	9	KED
	As	75	0.070	ug/L	0.005	7	3	26	5	KED
	Se	78	-0.038	ug/L	0.038	100	13	11	11	KED
	Y	89		ug/L			708606	727781	0	Standard
	Kr	83		ug/L			306	310	7	Standard
>	In-1	115		ug/L			27202	25953	2	KED
	Mo	98	0.286	ug/L	0.031	10	11	500	12	KED
	Cd	111	-0.006	ug/L	0.006	93	5	2	86	KED
	Cd	114	-0.005	ug/L	0.003	60	7	1	206	KED
>	In	115		ug/L			1332008	1352828	0	Standard
	Ag	107	-0.000	ug/L	0.000	94	57	52	11	Standard
	Sb	121	0.000	ug/L	0.002	717	373	384	9	Standard
	Sb	123	0.000	ug/L	0.001	1041	306	312	3	Standard
	Ba	135	45.948	ug/L	0.902	1	46	326440	2	Standard
	Ba	137	44.307	ug/L	0.581	1	107	556082	1	Standard
>	Tb	159		ug/L			2820494	2971255	0	Standard
	Tl	205	-0.001	ug/L	0.000	25	156	80	27	Standard
	Pb	208	0.003	ug/L	0.000	7	652	1055	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:25:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1157959	1	Standard
[	Be	9	0.005	ug/L	0.001	29	4	38	27	Standard
	C	13		ug/L			25578	53761	0	Standard
	Cl	37		ug/L			7247639	6828512	1	Standard
[>	Sc	45		ug/L			1357002	1651494	0	Standard
[	V	51	-0.026	ug/L	0.011	41	7213	7832	5	Standard
[	V-1	51	0.197	ug/L	0.005	2	545	7819	1	Standard
[	Cr	52	0.684	ug/L	0.023	3	21323	47077	2	Standard
[	Cr	53	1.376	ug/L	0.040	2	277	5315	1	Standard
[	Fe	54	264.546	ug/L	2.321	0	100521	1051742	0	Standard
[	Fe	57	279.590	ug/L	6.095	2	21143	394481	1	Standard
[	Mn	55	42.249	ug/L	0.420	0	822	1979608	0	Standard
[>	Ge	72		ug/L			95506	95090	0	KED
[	Co	59	0.014	ug/L	0.005	33	4	86	31	KED
[	Ni	60	0.886	ug/L	0.033	3	22	1474	4	KED
[	Ni	62	0.870	ug/L	0.174	19	6	240	19	KED
[	Cu	63	0.267	ug/L	0.011	4	140	1420	4	KED
[	Cu	65	0.289	ug/L	0.012	4	62	749	4	KED
[	Zn	66	0.799	ug/L	0.056	7	170	709	5	KED
[	Zn	67	1.961	ug/L	0.098	5	29	248	4	KED
[	As	75	0.023	ug/L	0.004	18	3	11	13	KED
[	Se	78	0.005	ug/L	0.037	672	13	13	10	KED
	Y	89		ug/L			708606	736659	2	Standard
	Kr	83		ug/L			306	323	6	Standard
[>	In-1	115		ug/L			27202	26299	0	KED
[	Mo	98	0.201	ug/L	0.026	12	11	359	12	KED
[	Cd	111	-0.006	ug/L	0.003	46	5	2	43	KED
[	Cd	114	-0.004	ug/L	0.003	67	7	2	121	KED
[>	In	115		ug/L			1332008	1359326	2	Standard
[	Ag	107	-0.000	ug/L	0.000	163	57	55	9	Standard
[	Sb	121	0.019	ug/L	0.003	14	373	764	5	Standard
[	Sb	123	0.021	ug/L	0.002	11	306	631	5	Standard
[	Ba	135	17.856	ug/L	0.373	2	46	127459	0	Standard
[	Ba	137	17.314	ug/L	0.536	3	107	218329	1	Standard
[>	Tb	159		ug/L			2820494	2978260	1	Standard
[	Tl	205	-0.001	ug/L	0.000	25	156	101	16	Standard
[	Pb	208	0.142	ug/L	0.004	2	652	18507	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:30:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1184132	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	82	4	9	40	Standard
	C	**13**		ug/L			25578	48592	2	Standard
	Cl	**37**		ug/L			7247639	6604945	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1605946	0	Standard
⌈	**V**	**51**	**0.139**	ug/L	0.011	7	7213	13413	2	Standard
⌊	**V-1**	**51**	**0.266**	ug/L	0.003	1	545	10078	0	Standard
⌈	**Cr**	**52**	**-0.006**	ug/L	0.025	423	21323	25055	2	Standard
⌊	**Cr**	**53**	**0.408**	ug/L	0.024	5	277	1764	4	Standard
⌈	**Fe**	**54**	**52.446**	ug/L	1.333	2	100521	298127	1	Standard
⌊	**Fe**	**57**	**62.793**	ug/L	1.675	2	21143	105559	2	Standard
	Mn	**55**	**33.794**	ug/L	0.098	0	822	1540111	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	94274	0	KED
⌈	**Co**	**59**	**0.032**	ug/L	0.001	2	4	186	2	KED
⌊	**Ni**	**60**	**2.063**	ug/L	0.058	2	22	3373	2	KED
⌈	**Ni**	**62**	**1.979**	ug/L	0.021	1	6	532	0	KED
⌈	**Cu**	**63**	**0.198**	ug/L	0.004	2	140	1081	1	KED
⌊	**Cu**	**65**	**0.206**	ug/L	0.006	2	62	549	1	KED
⌈	**Zn**	**66**	**1.010**	ug/L	0.058	5	170	845	4	KED
⌊	**Zn**	**67**	**2.288**	ug/L	0.297	12	29	283	11	KED
⌈	**As**	**75**	**0.184**	ug/L	0.022	11	3	65	11	KED
⌊	**Se**	**78**	**0.057**	ug/L	0.131	230	13	15	32	KED
	Y	**89**		ug/L			708606	732909	2	Standard
	Kr	**83**		ug/L			306	299	2	Standard
⌈>	**In-1**	**115**		ug/L			27202	25992	1	KED
⌈	**Mo**	**98**	**1.207**	ug/L	0.015	1	11	2079	0	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.008	223	5	3	83	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	73	7	3	54	KED
⌈>	**In**	**115**		ug/L			1332008	1334643	2	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	44	57	54	5	Standard
⌈	**Sb**	**121**	**0.171**	ug/L	0.005	2	373	3766	1	Standard
⌊	**Sb**	**123**	**0.173**	ug/L	0.003	1	306	2934	1	Standard
⌈	**Ba**	**135**	**19.648**	ug/L	0.743	3	46	137646	1	Standard
⌊	**Ba**	**137**	**19.238**	ug/L	0.471	2	107	238163	0	Standard
⌈>	**Tb**	**159**		ug/L			2820494	3002056	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	21	156	102	13	Standard
⌊	**Pb**	**208**	**0.125**	ug/L	0.003	2	652	16508	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:34:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1176535	2	Standard
	Be	9	0.010	ug/L	0.002	22	4	76	23	Standard
	C	13		ug/L			25578	50541	1	Standard
	Cl	37		ug/L			7247639	6920897	0	Standard
>	Sc	45		ug/L			1357002	1686223	1	Standard
	V	51	-0.046	ug/L	0.058	126	7213	7259	28	Standard
	V-1	51	0.252	ug/L	0.010	4	545	10024	2	Standard
	Cr	52	4.598	ug/L	0.181	3	21323	171440	2	Standard
	Cr	53	5.389	ug/L	0.029	0	277	20257	0	Standard
	Fe	54	992.847	ug/L	16.514	1	100521	3686126	0	Standard
	Fe	57	943.454	ug/L	16.054	1	21143	1296715	0	Standard
	Mn	55	120.992	ug/L	2.473	2	822	5786055	0	Standard
>	Ge	72		ug/L			95506	94002	0	KED
	Co	59	2.525	ug/L	0.049	1	4	14142	1	KED
	Ni	60	23.261	ug/L	0.455	1	22	37699	1	KED
	Ni	62	22.592	ug/L	0.313	1	6	5991	0	KED
	Cu	63	0.765	ug/L	0.013	1	140	3762	0	KED
	Cu	65	0.765	ug/L	0.019	2	62	1864	2	KED
	Zn	66	3.185	ug/L	0.115	3	170	2296	2	KED
	Zn	67	3.620	ug/L	0.113	3	29	429	2	KED
	As	75	22.035	ug/L	0.210	0	3	7443	0	KED
	Se	78	-0.044	ug/L	0.126	286	13	11	40	KED
	Y	89		ug/L			708606	724076	1	Standard
	Kr	83		ug/L			306	317	5	Standard
>	In-1	115		ug/L			27202	26119	1	KED
	Mo	98	1.608	ug/L	0.034	2	11	2779	2	KED
	Cd	111	0.005	ug/L	0.003	54	5	6	14	KED
	Cd	114	0.003	ug/L	0.004	160	7	9	42	KED
>	In	115		ug/L			1332008	1358852	1	Standard
	Ag	107	0.000	ug/L	0.001	740	57	60	24	Standard
	Sb	121	0.098	ug/L	0.002	2	373	2362	0	Standard
	Sb	123	0.101	ug/L	0.005	4	306	1876	5	Standard
	Ba	135	13.228	ug/L	0.279	2	46	94414	1	Standard
	Ba	137	13.100	ug/L	0.396	3	107	165188	1	Standard
>	Tb	159		ug/L			2820494	2993372	1	Standard
	Tl	205	-0.001	ug/L	0.000	13	156	92	12	Standard
	Pb	208	0.048	ug/L	0.001	2	652	6775	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0092-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:39:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1178790	2	Standard
	Be	9	0.007	ug/L	0.002	25	4	56	20	Standard
	C	13		ug/L			25578	48287	0	Standard
	Cl	37		ug/L			7247639	6824005	0	Standard
>	Sc	45		ug/L			1357002	1680013	2	Standard
	V	51	-0.052	ug/L	0.045	86	7213	7050	25	Standard
	V-1	51	0.234	ug/L	0.004	1	545	9335	1	Standard
	Cr	52	3.169	ug/L	0.056	1	21323	125936	1	Standard
	Cr	53	3.974	ug/L	0.183	4	277	14961	2	Standard
	Fe	54	56.085	ug/L	1.400	2	100521	324855	2	Standard
	Fe	57	81.930	ug/L	2.636	3	21143	136059	1	Standard
	Mn	55	213.960	ug/L	2.981	1	822	10192828	1	Standard
>	Ge	72		ug/L			95506	92782	1	KED
	Co	59	0.069	ug/L	0.007	9	4	384	9	KED
	Ni	60	3.066	ug/L	0.022	0	22	4923	1	KED
	Ni	62	3.207	ug/L	0.145	4	6	845	3	KED
	Cu	63	0.486	ug/L	0.024	4	140	2409	3	KED
	Cu	65	0.500	ug/L	0.023	4	62	1222	4	KED
	Zn	66	0.632	ug/L	0.026	4	170	582	1	KED
	Zn	67	3.249	ug/L	0.358	11	29	383	9	KED
	As	75	0.090	ug/L	0.006	6	3	33	7	KED
	Se	78	0.024	ug/L	0.068	281	13	14	18	KED
	Y	89		ug/L			708606	712444	2	Standard
	Kr	83		ug/L			306	300	8	Standard
>	In-1	115		ug/L			27202	25892	1	KED
	Mo	98	0.308	ug/L	0.009	2	11	536	3	KED
	Cd	111	-0.003	ug/L	0.004	161	5	3	43	KED
	Cd	114	0.001	ug/L	0.005	387	7	8	63	KED
>	In	115		ug/L			1332008	1328767	1	Standard
	Ag	107	-0.000	ug/L	0.000	118	57	53	10	Standard
	Sb	121	0.053	ug/L	0.002	3	373	1421	1	Standard
	Sb	123	0.055	ug/L	0.002	4	306	1132	3	Standard
	Ba	135	44.788	ug/L	0.751	1	46	312484	0	Standard
	Ba	137	44.739	ug/L	0.940	2	107	551430	0	Standard
>	Tb	159		ug/L			2820494	2986479	0	Standard
	Tl	205	-0.001	ug/L	0.000	10	156	67	15	Standard
	Pb	208	0.042	ug/L	0.001	2	652	5987	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:45:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1165824	2	Standard
[	Be	9	0.000	ug/L	0.000	863	4	5	57	Standard
	C	13		ug/L			25578	48088	0	Standard
	Cl	37		ug/L			7247639	6723694	0	Standard
[>	Sc	45		ug/L			1357002	1660894	1	Standard
[	V	51	23.898	ug/L	0.374	1	7213	873854	0	Standard
[	V-1	51	23.949	ug/L	0.365	1	545	877308	0	Standard
[	Cr	52	2.110	ug/L	0.031	1	21323	91631	0	Standard
[	Cr	53	3.055	ug/L	0.024	0	277	11459	1	Standard
[	Fe	54	3.255	ug/L	0.591	18	100521	134550	2	Standard
[	Fe	57	27.465	ug/L	0.897	3	21143	62301	0	Standard
[	Mn	55	0.037	ug/L	0.001	2	822	2768	2	Standard
[>	Ge	72		ug/L			95506	93880	1	KED
[	Co	59	0.008	ug/L	0.002	27	4	48	25	KED
[	Ni	60	0.529	ug/L	0.022	4	22	878	3	KED
[	Ni	62	0.595	ug/L	0.085	14	6	164	14	KED
[	Cu	63	0.651	ug/L	0.007	1	140	3219	0	KED
[	Cu	65	0.640	ug/L	0.012	1	62	1567	2	KED
[	Zn	66	0.886	ug/L	0.088	9	170	758	7	KED
[	Zn	67	1.158	ug/L	0.018	1	29	156	0	KED
[	As	75	1.206	ug/L	0.056	4	3	409	4	KED
[	Se	78	0.929	ug/L	0.073	7	13	48	6	KED
	Y	89		ug/L			708606	729042	0	Standard
	Kr	83		ug/L			306	311	2	Standard
[>	In-1	115		ug/L			27202	26698	0	KED
[	Mo	98	1.245	ug/L	0.047	3	11	2203	4	KED
[	Cd	111	-0.005	ug/L	0.007	161	5	3	91	KED
[	Cd	114	0.004	ug/L	0.002	47	7	11	18	KED
[>	In	115		ug/L			1332008	1390605	1	Standard
[	Ag	107	0.001	ug/L	0.001	93	57	69	11	Standard
[	Sb	121	0.021	ug/L	0.003	11	373	824	5	Standard
[	Sb	123	0.023	ug/L	0.001	5	306	678	3	Standard
[	Ba	135	3.166	ug/L	0.037	1	46	23166	0	Standard
[	Ba	137	3.180	ug/L	0.062	1	107	41122	0	Standard
[>	Tb	159		ug/L			2820494	3027826	1	Standard
[	Tl	205	-0.000	ug/L	0.000	56	156	142	9	Standard
[	Pb	208	0.149	ug/L	0.002	1	652	19641	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 02:52:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1092049	1128707	1	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	33	4	1	86	Standard
	C	**13**		ug/L			25578	56124	1	Standard
	Cl	**37**		ug/L			7247639	6848142	0	Standard
[>	**Sc**	**45**		ug/L			1357002	1616587	1	Standard
[	**V**	**51**	**28.781**	ug/L	0.296	1	7213	1022609	0	Standard
[	**V-1**	**51**	**28.829**	ug/L	0.280	0	545	1027785	0	Standard
[	**Cr**	**52**	**3.399**	ug/L	0.048	1	21323	128131	0	Standard
[	**Cr**	**53**	**4.461**	ug/L	0.106	2	277	16134	2	Standard
[	**Fe**	**54**	**3.405**	ug/L	0.283	8	100521	131458	1	Standard
[	**Fe**	**57**	**28.073**	ug/L	0.131	0	21143	61432	1	Standard
[	**Mn**	**55**	**0.029**	ug/L	0.001	4	822	2321	2	Standard
[>	**Ge**	**72**		ug/L			95506	94514	1	KED
[	**Co**	**59**	**0.007**	ug/L	0.001	14	4	41	12	KED
[	**Ni**	**60**	**2.285**	ug/L	0.010	0	22	3744	1	KED
[	**Ni**	**62**	**2.100**	ug/L	0.077	3	6	566	3	KED
[	**Cu**	**63**	**0.518**	ug/L	0.010	2	140	2606	1	KED
[	**Cu**	**65**	**0.511**	ug/L	0.006	1	62	1272	2	KED
[	**Zn**	**66**	**0.885**	ug/L	0.056	6	170	763	3	KED
[	**Zn**	**67**	**1.461**	ug/L	0.185	12	29	191	11	KED
[	**As**	**75**	**1.549**	ug/L	0.057	3	3	528	2	KED
[	**Se**	**78**	**0.659**	ug/L	0.099	15	13	38	10	KED
	Y	**89**		ug/L			708606	720780	2	Standard
	Kr	**83**		ug/L			306	299	3	Standard
[>	**In-1**	**115**		ug/L			27202	26740	0	KED
[	**Mo**	**98**	**1.250**	ug/L	0.024	1	11	2215	1	KED
[	**Cd**	**111**	**0.002**	ug/L	0.007	395	5	5	50	KED
[	**Cd**	**114**	**-0.002**	ug/L	0.002	122	7	5	36	KED
[>	**In**	**115**		ug/L			1332008	1365545	1	Standard
[	**Ag**	**107**	**-0.000**	ug/L	0.001	183	57	53	21	Standard
[	**Sb**	**121**	**0.026**	ug/L	0.002	7	373	917	4	Standard
[	**Sb**	**123**	**0.029**	ug/L	0.001	5	306	757	4	Standard
[	**Ba**	**135**	**3.216**	ug/L	0.091	2	46	23099	1	Standard
[	**Ba**	**137**	**3.126**	ug/L	0.052	1	107	39702	0	Standard
[>	**Tb**	**159**		ug/L			2820494	2972792	1	Standard
[	**Tl**	**205**	**-0.001**	ug/L	0.000	25	156	93	18	Standard
[	**Pb**	**208**	**0.158**	ug/L	0.002	1	652	20483	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:00:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1150345	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	2	4	3	0	Standard
	C	**13**		ug/L			25578	24745	1	Standard
	Cl	**37**		ug/L			7247639	7253259	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1441581	0	Standard
⌈	**V**	**51**	**-0.000**	ug/L	0.002	772	7213	7654	1	Standard
⌊	**V-1**	**51**	**0.006**	ug/L	0.001	13	545	777	2	Standard
⌈	**Cr**	**52**	**-0.005**	ug/L	0.012	223	21323	22510	2	Standard
⌊	**Cr**	**53**	**0.016**	ug/L	0.007	43	277	344	6	Standard
⌈	**Fe**	**54**	**-2.131**	ug/L	0.068	3	100521	100249	0	Standard
⌊	**Fe**	**57**	**-1.133**	ug/L	0.092	8	21143	21156	0	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	83	822	818	5	Standard
⌈>	**Ge**	**72**		ug/L			95506	96385	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	78163	4	4	65	KED
⌊	**Ni**	**60**	**-0.003**	ug/L	0.001	35	22	17	11	KED
⌈	**Ni**	**62**	**-0.019**	ug/L	0.007	36	6	1	100	KED
⌈	**Cu**	**63**	**-0.014**	ug/L	0.004	27	140	74	23	KED
⌊	**Cu**	**65**	**-0.007**	ug/L	0.004	64	62	46	20	KED
⌈	**Zn**	**66**	**-0.104**	ug/L	0.020	18	170	100	10	KED
⌊	**Zn**	**67**	**-0.120**	ug/L	0.024	20	29	15	18	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.001	133	3	3	9	KED
⌊	**Se**	**78**	**-0.014**	ug/L	0.044	315	13	13	13	KED
	Y	**89**		ug/L			708606	732411	1	Standard
	Kr	**83**		ug/L			306	285	18	Standard
⌈>	**In-1**	**115**		ug/L			27202	27548	0	KED
⌈	**Mo**	**98**	**-0.005**	ug/L	0.002	42	11	2	200	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.004	212	5	4	32	KED
⌊	**Cd**	**114**	**-0.005**	ug/L	0.002	43	7	2	92	KED
⌈>	**In**	**115**		ug/L			1332008	1398425	2	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	17	57	48	5	Standard
⌈	**Sb**	**121**	**-0.016**	ug/L	0.000	0	373	67	4	Standard
⌊	**Sb**	**123**	**-0.017**	ug/L	0.000	2	306	50	11	Standard
⌈	**Ba**	**135**	**-0.002**	ug/L	0.000	21	46	32	10	Standard
⌊	**Ba**	**137**	**-0.005**	ug/L	0.001	19	107	52	22	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2900952	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	14	156	49	32	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	47	652	624	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:05:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1154930	2	Standard
⌊	**Be**	**9**	**49.887**	ug/L	0.357	0	4	346326	1	Standard
	C	**13**		ug/L			25578	25169	2	Standard
	Cl	**37**		ug/L			7247639	7624126	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1438993	2	Standard
⌈	**V**	**51**	**49.521**	ug/L	0.722	1	7213	1560593	1	Standard
⌊	**V-1**	**51**	**49.575**	ug/L	0.868	1	545	1572732	1	Standard
⌈	**Cr**	**52**	**49.681**	ug/L	1.210	2	21323	1358884	0	Standard
⌊	**Cr**	**53**	**49.848**	ug/L	1.156	2	277	157435	0	Standard
⌈	**Fe**	**54**	**5209.073**	ug/L	151.572	2	100521	16046134	0	Standard
⌊	**Fe**	**57**	**5241.817**	ug/L	212.020	4	21143	6043173	1	Standard
⌊	**Mn**	**55**	**53.241**	ug/L	1.981	3	822	2172562	2	Standard
⌈>	**Ge**	**72**		ug/L			95506	96090	0	KED
⌈	**Co**	**59**	**48.984**	ug/L	0.331	0	4	280357	0	KED
⌊	**Ni**	**60**	**48.997**	ug/L	0.927	1	22	81158	1	KED
⌈	**Ni**	**62**	**49.081**	ug/L	0.325	0	6	13298	0	KED
⌈	**Cu**	**63**	**48.781**	ug/L	0.246	0	140	236549	0	KED
⌊	**Cu**	**65**	**49.436**	ug/L	0.230	0	62	119122	0	KED
⌈	**Zn**	**66**	**50.102**	ug/L	0.082	0	170	34414	0	KED
⌊	**Zn**	**67**	**50.858**	ug/L	1.430	2	29	5790	2	KED
⌈	**As**	**75**	**49.579**	ug/L	0.404	0	3	17115	0	KED
⌊	**Se**	**78**	**49.748**	ug/L	0.541	1	13	1922	1	KED
	Y	**89**		ug/L			708606	733696	1	Standard
	Kr	**83**		ug/L			306	318	7	Standard
⌈>	**In-1**	**115**		ug/L			27202	27400	1	KED
⌈	**Mo**	**98**	**48.212**	ug/L	1.043	2	11	87067	0	KED
⌈	**Cd**	**111**	**48.430**	ug/L	1.561	3	5	19828	1	KED
⌊	**Cd**	**114**	**48.466**	ug/L	0.875	1	7	51397	0	KED
⌈>	**In**	**115**		ug/L			1332008	1350804	0	Standard
⌈	**Ag**	**107**	**50.672**	ug/L	1.100	2	57	820893	2	Standard
⌈	**Sb**	**121**	**49.496**	ug/L	0.863	1	373	994434	0	Standard
⌊	**Sb**	**123**	**50.677**	ug/L	0.620	1	306	778438	1	Standard
⌈	**Ba**	**135**	**51.912**	ug/L	1.000	1	46	368202	1	Standard
⌊	**Ba**	**137**	**51.609**	ug/L	0.909	1	107	646683	0	Standard
⌈>	**Tb**	**159**		ug/L			2820494	3029911	0	Standard
⌈	**Tl**	**205**	**49.899**	ug/L	0.430	0	156	4865407	0	Standard
⌊	**Pb**	**208**	**47.477**	ug/L	0.485	1	652	6058068	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:12:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1111112	3	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	44	4	6	15	Standard
	C	**13**		ug/L			25578	26182	2	Standard
	Cl	**37**		ug/L			7247639	7250516	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1411184	1	Standard
⎢	**V**	**51**	**-0.010**	ug/L	0.010	104	7213	7193	3	Standard
⎢	**V-1**	**51**	**0.001**	ug/L	0.001	66	545	595	1	Standard
⎢	**Cr**	**52**	**-0.037**	ug/L	0.030	81	21323	21202	2	Standard
⎢	**Cr**	**53**	**-0.001**	ug/L	0.006	779	277	285	7	Standard
⎢	**Fe**	**54**	**-1.933**	ug/L	0.944	48	100521	98712	1	Standard
⎢	**Fe**	**57**	**3.294**	ug/L	0.393	11	21143	25695	0	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.000	7	822	976	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	94010	2	KED
⎢	**Co**	**59**	**0.000**	ug/L	0.000	112	4	6	34	KED
⎢	**Ni**	**60**	**0.007**	ug/L	0.005	76	22	33	27	KED
⎢	**Ni**	**62**	**0.022**	ug/L	0.017	78	6	12	37	KED
⎢	**Cu**	**63**	**0.002**	ug/L	0.003	161	140	145	6	KED
⎢	**Cu**	**65**	**0.009**	ug/L	0.001	11	62	82	3	KED
⎢	**Zn**	**66**	**0.117**	ug/L	0.010	8	170	245	1	KED
⎢	**Zn**	**67**	**0.062**	ug/L	0.058	94	29	35	17	KED
⎢	**As**	**75**	**0.005**	ug/L	0.003	63	3	4	20	KED
⌊	**Se**	**78**	**0.038**	ug/L	0.095	251	13	14	25	KED
	Y	**89**		ug/L			708606	722533	1	Standard
	Kr	**83**		ug/L			306	276	10	Standard
⌈>	**In-1**	**115**		ug/L			27202	26505	0	KED
⎢	**Mo**	**98**	**0.006**	ug/L	0.002	43	11	21	20	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.000	1	5	2	0	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.002	50	7	2	73	KED
⌈>	**In**	**115**		ug/L			1332008	1367311	2	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	356	57	60	11	Standard
⎢	**Sb**	**121**	**0.034**	ug/L	0.000	1	373	1071	2	Standard
⎢	**Sb**	**123**	**0.038**	ug/L	0.001	2	306	906	3	Standard
⎢	**Ba**	**135**	**0.004**	ug/L	0.002	56	46	74	17	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	65	107	130	9	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2898784	2	Standard
⎢	**Tl**	**205**	**0.001**	ug/L	0.000	30	156	278	12	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	14	652	1086	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:17:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1145431	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	66	4	12	39	Standard
	C	**13**		ug/L			25578	50512	0	Standard
	Cl	**37**		ug/L			7247639	6832170	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1581852	0	Standard
⌈	**V**	**51**	**0.003**	ug/L	0.020	683	7213	8514	8	Standard
⌊	**V-1**	**51**	**0.297**	ug/L	0.002	0	545	10977	1	Standard
⌈	**Cr**	**52**	**1.322**	ug/L	0.035	2	21323	63976	2	Standard
⌊	**Cr**	**53**	**2.220**	ug/L	0.027	1	277	8017	0	Standard
⌈	**Fe**	**54**	**20.894**	ug/L	0.677	3	100521	187494	1	Standard
⌊	**Fe**	**57**	**36.606**	ug/L	0.363	0	21143	70894	0	Standard
⌊	**Mn**	**55**	**30.141**	ug/L	0.247	0	822	1353032	0	Standard
⌈>	**Ge**	**72**		ug/L			95506	93985	1	KED
⌈	**Co**	**59**	**0.035**	ug/L	0.003	7	4	199	6	KED
⌊	**Ni**	**60**	**5.274**	ug/L	0.087	1	22	8563	1	KED
⌈	**Ni**	**62**	**5.105**	ug/L	0.220	4	6	1359	4	KED
⌈	**Cu**	**63**	**0.114**	ug/L	0.004	3	140	679	3	KED
⌊	**Cu**	**65**	**0.125**	ug/L	0.002	1	62	356	1	KED
⌈	**Zn**	**66**	**0.405**	ug/L	0.014	3	170	438	1	KED
⌊	**Zn**	**67**	**2.720**	ug/L	0.238	8	29	330	8	KED
⌈	**As**	**75**	**0.350**	ug/L	0.022	6	3	121	6	KED
⌊	**Se**	**78**	**-0.006**	ug/L	0.055	992	13	13	16	KED
	Y	**89**		ug/L			708606	734994	1	Standard
	Kr	**83**		ug/L			306	272	1	Standard
⌈>	**In-1**	**115**		ug/L			27202	26798	0	KED
⌈	**Mo**	**98**	**1.448**	ug/L	0.041	2	11	2569	2	KED
⌈	**Cd**	**111**	**0.006**	ug/L	0.004	61	5	7	19	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.001	23	7	2	35	KED
⌈>	**In**	**115**		ug/L			1332008	1386344	2	Standard
⌈	**Ag**	**107**	**0.221**	ug/L	0.007	3	57	3731	5	Standard
⌈	**Sb**	**121**	**0.023**	ug/L	0.002	7	373	857	4	Standard
⌊	**Sb**	**123**	**0.023**	ug/L	0.002	8	306	687	1	Standard
⌈	**Ba**	**135**	**33.439**	ug/L	0.943	2	46	243351	0	Standard
⌊	**Ba**	**137**	**33.068**	ug/L	0.978	2	107	425143	0	Standard
⌈>	**Tb**	**159**		ug/L			2820494	3010726	1	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	79	156	149	10	Standard
⌊	**Pb**	**208**	**0.065**	ug/L	0.001	0	652	8914	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:22:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1141940	2	Standard
	Be	9	-0.000	ug/L	0.000	51	4	2	43	Standard
	C	13		ug/L			25578	48236	1	Standard
	Cl	37		ug/L			7247639	6747234	0	Standard
>	Sc	45		ug/L			1357002	1544500	1	Standard
	V	51	27.745	ug/L	0.281	1	7213	942132	1	Standard
	V-1	51	27.706	ug/L	0.264	0	545	943759	1	Standard
	Cr	52	2.082	ug/L	0.035	1	21323	84398	1	Standard
	Cr	53	2.878	ug/L	0.018	0	277	10057	2	Standard
	Fe	54	5.818	ug/L	0.609	10	100521	133505	0	Standard
	Fe	57	6.281	ug/L	0.555	8	21143	31804	0	Standard
	Mn	55	0.040	ug/L	0.001	1	822	2687	1	Standard
>	Ge	72		ug/L			95506	93647	0	KED
	Co	59	0.006	ug/L	0.001	18	4	39	15	KED
	Ni	60	0.198	ug/L	0.038	19	22	340	17	KED
	Ni	62	0.212	ug/L	0.026	12	6	62	10	KED
	Cu	63	0.239	ug/L	0.005	2	140	1266	2	KED
	Cu	65	0.245	ug/L	0.007	2	62	635	2	KED
	Zn	66	0.182	ug/L	0.058	31	170	287	12	KED
	Zn	67	0.575	ug/L	0.163	28	29	92	18	KED
	As	75	1.981	ug/L	0.034	1	3	669	1	KED
	Se	78	0.636	ug/L	0.089	13	13	37	8	KED
	Y	89		ug/L			708606	736708	2	Standard
	Kr	83		ug/L			306	313	13	Standard
>	In-1	115		ug/L			27202	26351	2	KED
	Mo	98	0.833	ug/L	0.019	2	11	1459	4	KED
	Cd	111	0.000	ug/L	0.007	2369	5	5	60	KED
	Cd	114	-0.001	ug/L	0.002	210	7	6	35	KED
>	In	115		ug/L			1332008	1400400	1	Standard
	Ag	107	-0.001	ug/L	0.001	146	57	50	26	Standard
	Sb	121	0.204	ug/L	0.007	3	373	4642	3	Standard
	Sb	123	0.207	ug/L	0.005	2	306	3620	1	Standard
	Ba	135	5.240	ug/L	0.095	1	46	38571	1	Standard
	Ba	137	5.031	ug/L	0.095	1	107	65447	0	Standard
>	Tb	159		ug/L			2820494	2982482	1	Standard
	Tl	205	0.001	ug/L	0.000	15	156	240	3	Standard
	Pb	208	0.058	ug/L	0.002	3	652	8004	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:27:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1145315	4	Standard
[	Be	9	0.001	ug/L	0.000	67	4	8	26	Standard
	C	13		ug/L			25578	46500	0	Standard
	Cl	37		ug/L			7247639	6804680	0	Standard
[>	Sc	45		ug/L			1357002	1649287	0	Standard
[	V	51	23.749	ug/L	0.171	0	7213	862486	1	Standard
[	V-1	51	23.803	ug/L	0.152	0	545	865969	0	Standard
[	Cr	52	1.986	ug/L	0.024	1	21323	87159	1	Standard
[	Cr	53	2.940	ug/L	0.039	1	277	10962	0	Standard
[	Fe	54	-2.744	ug/L	0.377	13	100521	112544	0	Standard
[	Fe	57	26.424	ug/L	0.399	1	21143	60504	0	Standard
[	Mn	55	1.105	ug/L	0.008	0	822	52700	0	Standard
[>	Ge	72		ug/L			95506	93868	0	KED
[	Co	59	0.008	ug/L	0.001	10	4	49	10	KED
[	Ni	60	0.062	ug/L	0.003	5	22	121	4	KED
[	Ni	62	0.058	ug/L	0.058	100	6	22	69	KED
[	Cu	63	0.192	ug/L	0.013	6	140	1048	5	KED
[	Cu	65	0.199	ug/L	0.010	4	62	528	4	KED
[	Zn	66	0.660	ug/L	0.091	13	170	608	10	KED
[	Zn	67	1.107	ug/L	0.136	12	29	151	9	KED
[	As	75	1.200	ug/L	0.035	2	3	407	2	KED
[	Se	78	0.980	ug/L	0.067	6	13	50	5	KED
	Y	89		ug/L			708606	729837	0	Standard
	Kr	83		ug/L			306	284	5	Standard
[>	In-1	115		ug/L			27202	26326	0	KED
[	Mo	98	1.226	ug/L	0.010	0	11	2138	1	KED
[	Cd	111	0.005	ug/L	0.007	133	5	6	39	KED
[	Cd	114	-0.002	ug/L	0.004	184	7	5	76	KED
[>	In	115		ug/L			1332008	1363845	2	Standard
[	Ag	107	-0.001	ug/L	0.000	56	57	46	14	Standard
[	Sb	121	0.066	ug/L	0.002	3	373	1726	1	Standard
[	Sb	123	0.067	ug/L	0.005	6	306	1347	4	Standard
[	Ba	135	3.270	ug/L	0.075	2	46	23452	0	Standard
[	Ba	137	3.225	ug/L	0.072	2	107	40893	0	Standard
[>	Tb	159		ug/L			2820494	2998021	0	Standard
[	Tl	205	0.000	ug/L	0.000	153	156	178	9	Standard
[	Pb	208	0.086	ug/L	0.002	2	652	11565	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:31:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1142031	0	Standard
	Be	9	-0.000	ug/L	0.000	524	4	4	24	Standard
	C	13		ug/L			25578	52117	0	Standard
	Cl	37		ug/L			7247639	6859979	1	Standard
>	Sc	45		ug/L			1357002	1614642	1	Standard
	V	51	28.145	ug/L	0.334	1	7213	999017	1	Standard
	V-1	51	28.182	ug/L	0.325	1	545	1003583	1	Standard
	Cr	52	3.882	ug/L	0.012	0	21323	142593	1	Standard
	Cr	53	4.873	ug/L	0.030	0	277	17573	1	Standard
	Fe	54	2.086	ug/L	0.232	11	100521	126778	2	Standard
	Fe	57	30.453	ug/L	0.545	1	21143	64426	1	Standard
	Mn	55	0.201	ug/L	0.003	1	822	10181	1	Standard
>	Ge	72		ug/L			95506	93942	0	KED
	Co	59	0.008	ug/L	0.000	5	4	48	4	KED
	Ni	60	2.127	ug/L	0.047	2	22	3465	2	KED
	Ni	62	2.138	ug/L	0.207	9	6	572	9	KED
	Cu	63	0.539	ug/L	0.018	3	140	2691	2	KED
	Cu	65	0.569	ug/L	0.020	3	62	1400	3	KED
	Zn	66	0.970	ug/L	0.133	13	170	815	10	KED
	Zn	67	1.312	ug/L	0.177	13	29	173	10	KED
	As	75	1.543	ug/L	0.008	0	3	523	0	KED
	Se	78	0.706	ug/L	0.185	26	13	40	17	KED
	Y	89		ug/L			708606	731420	1	Standard
	Kr	83		ug/L			306	314	10	Standard
>	In-1	115		ug/L			27202	26288	0	KED
	Mo	98	1.231	ug/L	0.036	2	11	2144	2	KED
	Cd	111	-0.004	ug/L	0.004	102	5	3	41	KED
	Cd	114	-0.004	ug/L	0.004	109	7	3	111	KED
>	In	115		ug/L			1332008	1413001	3	Standard
	Ag	107	0.001	ug/L	0.001	79	57	73	10	Standard
	Sb	121	0.051	ug/L	0.004	7	373	1477	5	Standard
	Sb	123	0.050	ug/L	0.000	0	306	1128	3	Standard
	Ba	135	2.964	ug/L	0.068	2	46	22032	0	Standard
	Ba	137	2.928	ug/L	0.057	1	107	38477	1	Standard
>	Tb	159		ug/L			2820494	3020161	0	Standard
	Tl	205	-0.001	ug/L	0.000	12	156	93	10	Standard
	Pb	208	0.083	ug/L	0.001	1	652	11230	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:36:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1092049	1161209	2	Standard
[	**Be**	**9**	**0.004**	ug/L	0.001	33	4	29	26	Standard
	C	**13**		ug/L			25578	50452	1	Standard
	Cl	**37**		ug/L			7247639	6910612	0	Standard
[>	**Sc**	**45**		ug/L			1357002	1592311	2	Standard
[	**V**	**51**	**0.031**	ug/L	0.035	110	7213	9539	11	Standard
[	**V-1**	**51**	**0.351**	ug/L	0.007	1	545	12960	0	Standard
[	**Cr**	**52**	**5.836**	ug/L	0.138	2	21323	198727	0	Standard
[	**Cr**	**53**	**6.657**	ug/L	0.091	1	277	23550	1	Standard
[	**Fe**	**54**	**190.095**	ug/L	3.008	1	100521	761844	1	Standard
[	**Fe**	**57**	**205.729**	ug/L	1.292	0	21143	286462	2	Standard
[	**Mn**	**55**	**33.339**	ug/L	0.236	0	822	1506325	1	Standard
[>	**Ge**	**72**		ug/L			95506	94257	0	KED
[	**Co**	**59**	**0.080**	ug/L	0.004	5	4	455	5	KED
[	**Ni**	**60**	**8.520**	ug/L	0.135	1	22	13861	1	KED
[	**Ni**	**62**	**8.601**	ug/L	0.205	2	6	2291	2	KED
[	**Cu**	**63**	**0.403**	ug/L	0.019	4	140	2055	4	KED
[	**Cu**	**65**	**0.421**	ug/L	0.003	0	62	1056	0	KED
[	**Zn**	**66**	**0.496**	ug/L	0.050	10	170	500	6	KED
[	**Zn**	**67**	**2.718**	ug/L	0.292	10	29	330	9	KED
[	**As**	**75**	**0.347**	ug/L	0.030	8	3	120	8	KED
[	**Se**	**78**	**0.013**	ug/L	0.020	153	13	14	5	KED
	Y	**89**		ug/L			708606	744225	0	Standard
	Kr	**83**		ug/L			306	297	4	Standard
[>	**In-1**	**115**		ug/L			27202	26295	1	KED
[	**Mo**	**98**	**1.403**	ug/L	0.025	1	11	2443	2	KED
[	**Cd**	**111**	**-0.004**	ug/L	0.004	84	5	3	45	KED
[	**Cd**	**114**	**-0.002**	ug/L	0.002	101	7	5	38	KED
[>	**In**	**115**		ug/L			1332008	1422204	1	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.000	35	57	52	5	Standard
[	**Sb**	**121**	**0.024**	ug/L	0.001	2	373	909	0	Standard
[	**Sb**	**123**	**0.023**	ug/L	0.002	10	306	693	6	Standard
[	**Ba**	**135**	**31.987**	ug/L	0.585	1	46	238883	0	Standard
[	**Ba**	**137**	**31.359**	ug/L	0.670	2	107	413742	1	Standard
[>	**Tb**	**159**		ug/L			2820494	3026221	0	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	2955	156	168	11	Standard
[	**Pb**	**208**	**0.159**	ug/L	0.003	1	652	21001	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0108-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:43:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1092049	1191140	3	Standard
[	Be	9	0.003	ug/L	0.001	38	4	29	30	Standard
	C	13		ug/L			25578	53807	1	Standard
	Cl	37		ug/L			7247639	8398242	0	Standard
[>	Sc	45		ug/L			1357002	1535509	0	Standard
[	V	51	0.155	ug/L	0.038	24	7213	13349	8	Standard
[	V-1	51	1.026	ug/L	0.016	1	545	35330	2	Standard
[	Cr	52	1.733	ug/L	0.126	7	21323	73879	4	Standard
[	Cr	53	4.477	ug/L	0.051	1	277	15377	1	Standard
[	Fe	54	35.654	ug/L	0.723	2	100521	230206	0	Standard
[	Fe	57	38.999	ug/L	0.999	2	21143	71745	1	Standard
[	Mn	55	5.283	ug/L	0.170	3	822	230946	2	Standard
[>	Ge	72		ug/L			95506	96140	1	KED
[	Co	59	0.028	ug/L	0.002	8	4	162	8	KED
[	Ni	60	1.471	ug/L	0.028	1	22	2459	2	KED
[	Ni	62	1.478	ug/L	0.018	1	6	407	2	KED
[	Cu	63	3.561	ug/L	0.075	2	140	17405	1	KED
[	Cu	65	3.644	ug/L	0.045	1	62	8843	0	KED
[	Zn	66	32.987	ug/L	0.385	1	170	22727	1	KED
[	Zn	67	30.795	ug/L	0.963	3	29	3519	3	KED
[	As	75	0.470	ug/L	0.016	3	3	165	4	KED
[	Se	78	0.250	ug/L	0.069	27	13	23	12	KED
	Y	89		ug/L			708606	763161	0	Standard
	Kr	83		ug/L			306	309	9	Standard
[>	In-1	115		ug/L			27202	23261	25	KED
[	Mo	98	16.668	ug/L	4.641	27	11	24356	2	KED
[	Cd	111	0.022	ug/L	0.004	18	5	12	32	KED
[	Cd	114	0.009	ug/L	0.009	96	7	13	30	KED
[>	In	115		ug/L			1332008	1417524	2	Standard
[	Ag	107	0.008	ug/L	0.000	2	57	198	2	Standard
[	Sb	121	0.189	ug/L	0.005	2	373	4379	1	Standard
[	Sb	123	0.192	ug/L	0.003	1	306	3414	0	Standard
[	Ba	135	10.692	ug/L	0.428	4	46	79579	1	Standard
[	Ba	137	10.554	ug/L	0.193	1	107	138837	0	Standard
[>	Tb	159		ug/L			2820494	3040643	0	Standard
[	Tl	205	-0.000	ug/L	0.000	147	156	154	13	Standard
[	Pb	208	0.961	ug/L	0.017	1	652	123707	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:47:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1202593	1	Standard
	Be	9	0.004	ug/L	0.001	31	4	33	26	Standard
	C	13		ug/L			25578	54725	0	Standard
	Cl	37		ug/L			7247639	8485975	1	Standard
>	Sc	45		ug/L			1357002	1520457	1	Standard
	V	51	0.145	ug/L	0.006	4	7213	12894	1	Standard
	V-1	51	1.042	ug/L	0.008	0	545	35533	0	Standard
	Cr	52	1.722	ug/L	0.112	6	21323	72852	4	Standard
	Cr	53	4.551	ug/L	0.096	2	277	15472	2	Standard
	Fe	54	35.919	ug/L	0.391	1	100521	228807	0	Standard
	Fe	57	40.214	ug/L	0.662	1	21143	72517	0	Standard
	Mn	55	5.369	ug/L	0.065	1	822	232442	2	Standard
>	Ge	72		ug/L			95506	96964	0	KED
	Co	59	0.027	ug/L	0.002	8	4	161	8	KED
	Ni	60	1.432	ug/L	0.045	3	22	2415	3	KED
	Ni	62	1.414	ug/L	0.209	14	6	393	14	KED
	Cu	63	3.550	ug/L	0.027	0	140	17501	0	KED
	Cu	65	3.497	ug/L	0.008	0	62	8561	0	KED
	Zn	66	31.819	ug/L	0.549	1	170	22116	1	KED
	Zn	67	31.412	ug/L	0.603	1	29	3620	1	KED
	As	75	0.508	ug/L	0.039	7	3	180	7	KED
	Se	78	0.080	ug/L	0.036	45	13	17	7	KED
	Y	89		ug/L			708606	745353	1	Standard
	Kr	83		ug/L			306	295	4	Standard
>	In-1	115		ug/L			27202	26601	1	KED
	Mo	98	13.941	ug/L	0.272	1	11	24454	1	KED
	Cd	111	0.009	ug/L	0.007	75	5	8	33	KED
	Cd	114	0.016	ug/L	0.010	63	7	23	45	KED
>	In	115		ug/L			1332008	1408107	1	Standard
	Ag	107	0.009	ug/L	0.001	7	57	205	6	Standard
	Sb	121	0.173	ug/L	0.003	1	373	4018	2	Standard
	Sb	123	0.177	ug/L	0.004	2	306	3163	1	Standard
	Ba	135	10.751	ug/L	0.226	2	46	79520	0	Standard
	Ba	137	10.614	ug/L	0.223	2	107	138718	1	Standard
>	Tb	159		ug/L			2820494	3055387	0	Standard
	Tl	205	-0.000	ug/L	0.000	36	156	152	5	Standard
	Pb	208	0.951	ug/L	0.020	2	652	123061	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:52:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1096374	1	Standard
	Be	9	24.915	ug/L	0.077	0	4	164208	0	Standard
	C	13		ug/L			25578	52743	0	Standard
	Cl	37		ug/L			7247639	8571203	2	Standard
>	Sc	45		ug/L			1357002	1444474	2	Standard
	V	51	24.733	ug/L	0.533	2	7213	786117	0	Standard
	V-1	51	25.302	ug/L	0.488	1	545	805916	0	Standard
	Cr	52	26.631	ug/L	0.266	0	21323	741908	1	Standard
	Cr	53	28.392	ug/L	0.139	0	277	90167	2	Standard
	Fe	54	5379.274	ug/L	43.280	0	100521	16637004	2	Standard
	Fe	57	5423.730	ug/L	92.592	1	21143	6279086	2	Standard
	Mn	55	30.501	ug/L	0.189	0	822	1250265	1	Standard
>	Ge	72		ug/L			95506	95835	1	KED
	Co	59	24.986	ug/L	0.509	2	4	142606	1	KED
	Ni	60	25.550	ug/L	0.137	0	22	42220	1	KED
	Ni	62	25.416	ug/L	0.256	1	6	6872	2	KED
	Cu	63	27.251	ug/L	0.396	1	140	131842	0	KED
	Cu	65	27.710	ug/L	0.294	1	62	66622	1	KED
	Zn	66	108.598	ug/L	0.953	0	170	74194	0	KED
	Zn	67	103.190	ug/L	2.508	2	29	11687	2	KED
	As	75	24.737	ug/L	0.139	0	3	8518	0	KED
	Se	78	78.106	ug/L	0.871	1	13	3002	0	KED
	Y	89		ug/L			708606	723214	1	Standard
	Kr	83		ug/L			306	311	8	Standard
>	In-1	115		ug/L			27202	26540	1	KED
	Mo	98	13.534	ug/L	0.249	1	11	23687	1	KED
	Cd	111	24.817	ug/L	0.462	1	5	9846	0	KED
	Cd	114	24.635	ug/L	0.280	1	7	25316	2	KED
>	In	115		ug/L			1332008	1389356	0	Standard
	Ag	107	24.076	ug/L	0.538	2	57	401161	1	Standard
	Sb	121	0.203	ug/L	0.006	3	373	4585	2	Standard
	Sb	123	0.210	ug/L	0.003	1	306	3630	1	Standard
	Ba	135	35.821	ug/L	0.448	1	46	261365	1	Standard
	Ba	137	35.420	ug/L	1.002	2	107	456531	2	Standard
>	Tb	159		ug/L			2820494	2999371	2	Standard
	Tl	205	25.051	ug/L	0.111	0	156	2418045	2	Standard
	Pb	208	23.706	ug/L	0.217	0	652	2994298	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0553-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 03:58:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1092049	1104625	0	Standard
	Be	9	24.893	ug/L	0.387	1	4	165309	2	Standard
	C	13		ug/L			25578	50684	0	Standard
	Cl	37		ug/L			7247639	8459518	0	Standard
>	Sc	45		ug/L			1357002	1464516	0	Standard
	V	51	24.705	ug/L	0.348	1	7213	796365	1	Standard
	V-1	51	25.175	ug/L	0.264	1	545	813257	1	Standard
	Cr	52	26.514	ug/L	0.285	1	21323	749048	0	Standard
	Cr	53	27.964	ug/L	0.452	1	277	90044	1	Standard
	Fe	54	5366.612	ug/L	70.340	1	100521	16828898	1	Standard
	Fe	57	5374.352	ug/L	83.677	1	21143	6308826	1	Standard
	Mn	55	30.883	ug/L	0.532	1	822	1283489	1	Standard
>	Ge	72		ug/L			95506	93942	0	KED
	Co	59	25.565	ug/L	0.371	1	4	143037	0	KED
	Ni	60	26.531	ug/L	0.050	0	22	42974	1	KED
	Ni	62	26.129	ug/L	0.123	0	6	6924	0	KED
	Cu	63	27.979	ug/L	0.565	2	140	132687	1	KED
	Cu	65	28.302	ug/L	0.426	1	62	66692	1	KED
	Zn	66	110.667	ug/L	1.639	1	170	74106	0	KED
	Zn	67	103.675	ug/L	1.803	1	29	11509	0	KED
	As	75	25.519	ug/L	0.416	1	3	8613	0	KED
	Se	78	78.885	ug/L	0.690	0	13	2972	1	KED
	Y	89		ug/L			708606	736129	1	Standard
	Kr	83		ug/L			306	325	5	Standard
>	In-1	115		ug/L			27202	26344	0	KED
	Mo	98	13.814	ug/L	0.325	2	11	23998	1	KED
	Cd	111	24.759	ug/L	0.064	0	5	9752	0	KED
	Cd	114	24.824	ug/L	0.651	2	7	25316	1	KED
>	In	115		ug/L			1332008	1392769	1	Standard
	Ag	107	23.862	ug/L	0.697	2	57	398570	3	Standard
	Sb	121	0.235	ug/L	0.007	2	373	5260	1	Standard
	Sb	123	0.243	ug/L	0.002	0	306	4170	0	Standard
	Ba	135	36.165	ug/L	0.572	1	46	264475	0	Standard
	Ba	137	35.606	ug/L	0.749	2	107	459995	0	Standard
>	Tb	159		ug/L			2820494	3077512	0	Standard
	Tl	205	25.093	ug/L	0.121	0	156	2485217	0	Standard
	Pb	208	23.344	ug/L	0.107	0	652	3025792	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:07:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1082182	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	148	4	9	80	Standard
	C	**13**		ug/L			25578	24495	1	Standard
	Cl	**37**		ug/L			7247639	7416664	1	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1407651	1	Standard
⌈	**V**	**51**	**-0.014**	ug/L	0.006	41	7213	7043	1	Standard
⌊	**V-1**	**51**	**0.014**	ug/L	0.001	8	545	986	2	Standard
⌈	**Cr**	**52**	**-0.057**	ug/L	0.018	31	21323	20621	1	Standard
⌊	**Cr**	**53**	**0.034**	ug/L	0.003	9	277	393	2	Standard
⌈	**Fe**	**54**	**-2.404**	ug/L	0.496	20	100521	97063	0	Standard
⌊	**Fe**	**57**	**-3.126**	ug/L	0.391	12	21143	18416	2	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	54	822	797	2	Standard
⌈>	**Ge**	**72**		ug/L			95506	93586	1	KED
⌈	**Co**	**59**	**-0.001**	ug/L	0.000	29	4	0	173	KED
⌊	**Ni**	**60**	**0.001**	ug/L	0.004	264	22	24	25	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.009	110	6	8	24	KED
⌈	**Cu**	**63**	**-0.012**	ug/L	0.002	14	140	80	9	KED
⌊	**Cu**	**65**	**-0.012**	ug/L	0.006	46	62	33	40	KED
⌈	**Zn**	**66**	**-0.089**	ug/L	0.017	19	170	107	10	KED
⌊	**Zn**	**67**	**-0.167**	ug/L	0.009	5	29	10	10	KED
⌈	**As**	**75**	**-0.005**	ug/L	0.003	55	3	1	66	KED
⌊	**Se**	**78**	**-0.010**	ug/L	0.045	465	13	13	12	KED
	Y	**89**		ug/L			708606	722734	1	Standard
	Kr	**83**		ug/L			306	289	6	Standard
⌈>	**In-1**	**115**		ug/L			27202	26853	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	95	11	7	40	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	235	5	4	48	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	73	7	4	53	KED
⌈>	**In**	**115**		ug/L			1332008	1420042	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	134	57	55	13	Standard
⌈	**Sb**	**121**	**-0.016**	ug/L	0.000	1	373	70	8	Standard
⌊	**Sb**	**123**	**-0.017**	ug/L	0.001	4	306	60	21	Standard
⌈	**Ba**	**135**	**-0.004**	ug/L	0.000	9	46	19	14	Standard
⌊	**Ba**	**137**	**-0.004**	ug/L	0.000	10	107	59	9	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2964467	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	14	156	110	6	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	33	652	711	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:12:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1105342	0	Standard
⌊	**Be**	**9**	**51.106**	ug/L	0.319	0	4	339590	1	Standard
	C	**13**		ug/L			25578	25166	0	Standard
	Cl	**37**		ug/L			7247639	7726148	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1443887	0	Standard
⌈	**V**	**51**	**49.843**	ug/L	0.408	0	7213	1576313	1	Standard
⌊	**V-1**	**51**	**50.050**	ug/L	0.708	1	545	1593514	1	Standard
⌈	**Cr**	**52**	**49.767**	ug/L	0.432	0	21323	1366282	0	Standard
⌊	**Cr**	**53**	**50.435**	ug/L	1.148	2	277	159890	2	Standard
⌈	**Fe**	**54**	**5260.211**	ug/L	68.183	1	100521	16265508	1	Standard
⌊	**Fe**	**57**	**5314.576**	ug/L	115.581	2	21143	6151640	2	Standard
⌊	**Mn**	**55**	**53.777**	ug/L	0.405	0	822	2202963	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	96023	0	KED
⌈	**Co**	**59**	**48.712**	ug/L	0.495	1	4	278595	0	KED
⌊	**Ni**	**60**	**48.893**	ug/L	0.282	0	22	80932	0	KED
⌈	**Ni**	**62**	**48.512**	ug/L	0.593	1	6	13135	1	KED
⌈	**Cu**	**63**	**48.273**	ug/L	0.464	0	140	233917	0	KED
⌊	**Cu**	**65**	**49.023**	ug/L	0.190	0	62	118041	0	KED
⌈	**Zn**	**66**	**50.161**	ug/L	0.188	0	170	34431	0	KED
⌊	**Zn**	**67**	**49.393**	ug/L	0.144	0	29	5620	0	KED
⌈	**As**	**75**	**49.093**	ug/L	0.596	1	3	16935	0	KED
⌊	**Se**	**78**	**49.458**	ug/L	1.124	2	13	1910	2	KED
	Y	**89**		ug/L			708606	721878	1	Standard
	Kr	**83**		ug/L			306	335	4	Standard
⌈>	**In-1**	**115**		ug/L			27202	26937	2	KED
⌈	**Mo**	**98**	**48.009**	ug/L	0.663	1	11	85244	0	KED
⌈	**Cd**	**111**	**48.790**	ug/L	0.801	1	5	19641	0	KED
⌊	**Cd**	**114**	**48.872**	ug/L	0.762	1	7	50950	0	KED
⌈>	**In**	**115**		ug/L			1332008	1387698	2	Standard
⌈	**Ag**	**107**	**49.379**	ug/L	1.786	3	57	821220	1	Standard
⌈	**Sb**	**121**	**49.300**	ug/L	1.113	2	373	1017252	1	Standard
⌊	**Sb**	**123**	**51.604**	ug/L	1.247	2	306	813974	0	Standard
⌈	**Ba**	**135**	**50.541**	ug/L	2.186	4	46	368002	1	Standard
⌊	**Ba**	**137**	**49.805**	ug/L	2.172	4	107	640658	1	Standard
⌈>	**Tb**	**159**		ug/L			2820494	3013141	0	Standard
⌈	**Tl**	**205**	**49.983**	ug/L	0.190	0	156	4846816	0	Standard
⌊	**Pb**	**208**	**48.233**	ug/L	0.286	0	652	6120306	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:19:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1092049	1101021	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	102	4	7	43	Standard
	C	**13**		ug/L			25578	26076	3	Standard
	Cl	**37**		ug/L			7247639	7280524	0	Standard
⌈>	**Sc**	**45**		ug/L			1357002	1406608	0	Standard
⌈	**V**	**51**	**-0.021**	ug/L	0.004	18	7213	6847	1	Standard
⌊	**V-1**	**51**	**0.002**	ug/L	0.000	9	545	639	0	Standard
⌈	**Cr**	**52**	**-0.074**	ug/L	0.008	10	21323	20156	1	Standard
⌊	**Cr**	**53**	**0.002**	ug/L	0.005	336	277	292	5	Standard
⌈	**Fe**	**54**	**-1.989**	ug/L	0.887	44	100521	98233	1	Standard
⌊	**Fe**	**57**	**0.334**	ug/L	0.339	101	21143	22290	1	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.000	16	822	956	1	Standard
⌈>	**Ge**	**72**		ug/L			95506	91458	5	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.002	503	4	5	145	KED
⌊	**Ni**	**60**	**0.014**	ug/L	0.001	10	22	43	5	KED
⌈	**Ni**	**62**	**0.016**	ug/L	0.012	72	6	10	26	KED
⌊	**Cu**	**63**	**0.007**	ug/L	0.003	38	140	165	4	KED
⌈	**Cu**	**65**	**0.011**	ug/L	0.007	63	62	84	18	KED
⌊	**Zn**	**66**	**0.082**	ug/L	0.028	34	170	216	11	KED
⌈	**Zn**	**67**	**0.193**	ug/L	0.099	51	29	48	24	KED
⌊	**As**	**75**	**0.003**	ug/L	0.003	81	3	4	17	KED
⌊	**Se**	**78**	**-0.029**	ug/L	0.078	271	13	12	18	KED
	Y	**89**		ug/L			708606	709286	3	Standard
	Kr	**83**		ug/L			306	292	7	Standard
⌈>	**In-1**	**115**		ug/L			27202	26837	1	KED
⌈	**Mo**	**98**	**0.010**	ug/L	0.002	18	11	28	11	KED
⌊	**Cd**	**111**	**-0.004**	ug/L	0.004	98	5	3	41	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.000	2	7	3	1	KED
⌈>	**In**	**115**		ug/L			1332008	1401716	4	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	84059	57	60	24	Standard
⌊	**Sb**	**121**	**0.038**	ug/L	0.002	4	373	1180	3	Standard
⌈	**Sb**	**123**	**0.040**	ug/L	0.004	8	306	957	2	Standard
⌊	**Ba**	**135**	**0.005**	ug/L	0.002	37	46	84	14	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	45	107	140	6	Standard
⌈>	**Tb**	**159**		ug/L			2820494	2981372	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	12	156	278	4	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	5	652	1144	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:24:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L				1113853	2	Standard
	Be	**9**		ug/L				4	24	Standard
	C	**13**		ug/L				26149	1	Standard
	Cl	**37**		ug/L				7203780	1	Standard
>	**Sc**	**45**		ug/L				1411304	1	Standard
	V	**51**		ug/L				6817	0	Standard
	V-1	**51**		ug/L				591	1	Standard
	Cr	**52**		ug/L				20282	0	Standard
	Cr	**53**		ug/L				300	3	Standard
	Fe	**54**		ug/L				99061	1	Standard
	Fe	**57**		ug/L				23749	1	Standard
	Mn	**55**		ug/L				924	5	Standard
>	**Ge**	**72**		ug/L				92215	0	KED
	Co	**59**		ug/L				5	57	KED
	Ni	**60**		ug/L				37	21	KED
	Ni	**62**		ug/L				6	69	KED
	Cu	**63**		ug/L				150	8	KED
	Cu	**65**		ug/L				82	17	KED
	Zn	**66**		ug/L				218	5	KED
	Zn	**67**		ug/L				32	15	KED
	As	**75**		ug/L				3	48	KED
	Se	**78**		ug/L				14	11	KED
	Y	**89**		ug/L				716574	2	Standard
	Kr	**83**		ug/L				281	3	Standard
>	**In-1**	**115**		ug/L				26143	1	KED
	Mo	**98**		ug/L				7	56	KED
	Cd	**111**		ug/L				4	49	KED
	Cd	**114**		ug/L				4	92	KED
>	**In**	**115**		ug/L				1390988	2	Standard
	Ag	**107**		ug/L				42	12	Standard
	Sb	**121**		ug/L				401	4	Standard
	Sb	**123**		ug/L				306	6	Standard
	Ba	**135**		ug/L				72	19	Standard
	Ba	**137**		ug/L				142	2	Standard
>	**Tb**	**159**		ug/L				2935826	0	Standard
	Tl	**205**		ug/L				144	9	Standard
	Pb	**208**		ug/L				1069	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:29:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1112767	1	Standard
	Be	**9**	**50.401**	ug/L	0.664	1	4	337136	1	Standard
	C	**13**		ug/L			26149	24878	1	Standard
	Cl	**37**		ug/L			7203780	7592819	0	Standard
>	**Sc**	**45**		ug/L			1411304	1426817	0	Standard
	V	**51**	**49.959**	ug/L	0.446	0	6817	1560501	0	Standard
	V-1	**51**	**50.184**	ug/L	0.335	0	591	1578796	0	Standard
	Cr	**52**	**50.300**	ug/L	0.170	0	20282	1362498	1	Standard
	Cr	**53**	**51.012**	ug/L	0.534	1	300	159812	1	Standard
	Fe	**54**	**5303.390**	ug/L	45.471	0	99061	16197924	1	Standard
	Fe	**57**	**5330.033**	ug/L	113.522	2	23749	6098697	3	Standard
	Mn	**55**	**54.313**	ug/L	0.344	0	924	2198697	1	Standard
>	**Ge**	**72**		ug/L			92215	93698	1	KED
	Co	**59**	**48.569**	ug/L	0.757	1	5	271073	2	KED
	Ni	**60**	**49.207**	ug/L	0.120	0	37	79493	1	KED
	Ni	**62**	**49.109**	ug/L	1.035	2	6	12972	0	KED
	Cu	**63**	**48.425**	ug/L	0.727	1	150	228957	0	KED
	Cu	**65**	**49.186**	ug/L	0.545	1	82	115598	2	KED
	Zn	**66**	**49.797**	ug/L	0.403	0	218	33407	0	KED
	Zn	**67**	**50.379**	ug/L	2.982	5	32	5594	4	KED
	As	**75**	**49.644**	ug/L	0.685	1	3	16709	0	KED
	Se	**78**	**50.286**	ug/L	0.861	1	14	1896	0	KED
	Y	**89**		ug/L			716574	727959	2	Standard
	Kr	**83**		ug/L			281	322	8	Standard
>	**In-1**	**115**		ug/L			26143	26129	1	KED
	Mo	**98**	**48.786**	ug/L	1.304	2	7	84016	1	KED
	Cd	**111**	**49.350**	ug/L	1.398	2	4	19270	1	KED
	Cd	**114**	**49.211**	ug/L	0.939	1	4	49765	0	KED
>	**In**	**115**		ug/L			1390988	1388837	1	Standard
	Ag	**107**	**49.102**	ug/L	1.181	2	42	817719	2	Standard
	Sb	**121**	**49.353**	ug/L	0.587	1	401	1019463	0	Standard
	Sb	**123**	**50.806**	ug/L	0.303	0	306	802372	1	Standard
	Ba	**135**	**49.617**	ug/L	0.501	1	72	361874	1	Standard
	Ba	**137**	**49.727**	ug/L	0.208	0	142	640718	1	Standard
>	**Tb**	**159**		ug/L			2935826	3006361	0	Standard
	Tl	**205**	**50.496**	ug/L	0.298	0	144	4885420	0	Standard
	Pb	**208**	**48.421**	ug/L	0.323	0	1069	6130863	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:36:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1124475	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	288	4	3	50	Standard
	C	**13**		ug/L			26149	25893	1	Standard
	Cl	**37**		ug/L			7203780	7409559	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1407543	1	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.002	218	6817	6831	0	Standard
⌊	**V-1**	**51**	**-0.002**	ug/L	0.001	49	591	512	6	Standard
⌈	**Cr**	**52**	**-0.000**	ug/L	0.005	2069	20282	20223	1	Standard
⌊	**Cr**	**53**	**-0.012**	ug/L	0.007	57	300	264	8	Standard
⌈	**Fe**	**54**	**0.026**	ug/L	0.141	554	99061	98871	0	Standard
⌊	**Fe**	**57**	**-0.492**	ug/L	0.094	19	23749	23131	0	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	44	924	978	1	Standard
⌈>	**Ge**	**72**		ug/L			92215	93515	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.001	127	5	8	48	KED
⌊	**Ni**	**60**	**0.004**	ug/L	0.005	106	37	45	17	KED
⌈	**Ni**	**62**	**0.012**	ug/L	0.014	122	6	9	40	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.003	218	150	159	10	KED
⌊	**Cu**	**65**	**0.001**	ug/L	0.003	263	82	86	8	KED
⌈	**Zn**	**66**	**-0.002**	ug/L	0.041	2286	218	220	12	KED
⌊	**Zn**	**67**	**0.042**	ug/L	0.095	225	32	37	28	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.006	986	3	2	72	KED
⌊	**Se**	**78**	**0.045**	ug/L	0.014	31	14	16	3	KED
	Y	**89**		ug/L			716574	712725	0	Standard
	Kr	**83**		ug/L			281	283	9	Standard
⌈>	**In-1**	**115**		ug/L			26143	26017	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.001	32	7	14	13	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.008	234	4	3	96	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	494	4	4	60	KED
⌈>	**In**	**115**		ug/L			1390988	1382726	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	54	42	57	14	Standard
⌈	**Sb**	**121**	**0.043**	ug/L	0.001	1	401	1292	2	Standard
⌊	**Sb**	**123**	**0.047**	ug/L	0.002	4	306	1050	4	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.003	156	72	85	22	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	57	142	125	5	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2966845	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	16	144	297	9	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	247	1069	1090	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0093-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:41:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1136655	2	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	73	4	1	100	Standard
	C	**13**		ug/L			26149	45551	1	Standard
	Cl	**37**		ug/L			7203780	6717888	0	Standard
[>	**Sc**	**45**		ug/L			1411304	1525810	0	Standard
[	**V**	**51**	**26.951**	ug/L	0.278	1	6817	903635	0	Standard
[	**V-1**	**51**	**26.867**	ug/L	0.293	1	591	904184	0	Standard
[	**Cr**	**52**	**2.103**	ug/L	0.039	1	20282	81934	1	Standard
[	**Cr**	**53**	**2.724**	ug/L	0.029	1	300	9433	0	Standard
[	**Fe**	**54**	**3.054**	ug/L	0.489	16	99061	117006	0	Standard
[	**Fe**	**57**	**6.849**	ug/L	0.433	6	23749	34021	1	Standard
[	**Mn**	**55**	**0.274**	ug/L	0.002	0	924	12868	0	Standard
[>	**Ge**	**72**		ug/L			92215	93486	1	KED
[	**Co**	**59**	**0.007**	ug/L	0.002	32	5	42	27	KED
[	**Ni**	**60**	**0.065**	ug/L	0.015	22	37	142	15	KED
[	**Ni**	**62**	**0.067**	ug/L	0.019	28	6	24	19	KED
[	**Cu**	**63**	**0.080**	ug/L	0.001	0	150	531	0	KED
[	**Cu**	**65**	**0.082**	ug/L	0.010	12	82	275	7	KED
[	**Zn**	**66**	**-0.119**	ug/L	0.027	23	218	142	11	KED
[	**Zn**	**67**	**0.468**	ug/L	0.077	16	32	84	11	KED
[	**As**	**75**	**1.927**	ug/L	0.088	4	3	650	3	KED
[	**Se**	**78**	**0.525**	ug/L	0.039	7	14	34	3	KED
	Y	**89**		ug/L			716574	727729	2	Standard
	Kr	**83**		ug/L			281	295	17	Standard
[>	**In-1**	**115**		ug/L			26143	25966	1	KED
[	**Mo**	**98**	**0.809**	ug/L	0.040	4	7	1391	4	KED
[	**Cd**	**111**	**0.004**	ug/L	0.005	124	4	6	32	KED
[	**Cd**	**114**	**-0.001**	ug/L	0.002	248	4	3	54	KED
[>	**In**	**115**		ug/L			1390988	1419313	0	Standard
[	**Ag**	**107**	**0.001**	ug/L	0.000	2	42	57	0	Standard
[	**Sb**	**121**	**0.215**	ug/L	0.004	2	401	4958	2	Standard
[	**Sb**	**123**	**0.228**	ug/L	0.012	5	306	3997	4	Standard
[	**Ba**	**135**	**4.825**	ug/L	0.059	1	72	36030	0	Standard
[	**Ba**	**137**	**4.702**	ug/L	0.055	1	142	62041	0	Standard
[>	**Tb**	**159**		ug/L			2935826	3014851	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	11	144	280	4	Standard
[	**Pb**	**208**	**0.029**	ug/L	0.001	3	1069	4766	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0151-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:47:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1148411	0	Standard
[	Be	9	0.003	ug/L	0.002	61	4	22	48	Standard
	C	13		ug/L			26149	52923	0	Standard
	Cl	37		ug/L			7203780	9551455	0	Standard
[>	Sc	45		ug/L			1411304	1714101	2	Standard
[	V	51	2.774	ug/L	0.059	2	6817	111906	1	Standard
[	V-1	51	5.075	ug/L	0.082	1	591	192434	0	Standard
[	Cr	52	0.266	ug/L	0.025	9	20282	33156	0	Standard
[	Cr	53	7.758	ug/L	0.159	2	300	29498	1	Standard
[	Fe	54	7.476	ug/L	0.484	6	99061	147553	0	Standard
[	Fe	57	53.525	ug/L	0.869	1	23749	102116	2	Standard
[	Mn	55	1.086	ug/L	0.010	0	924	53893	1	Standard
[>	Ge	72		ug/L			92215	89765	2	KED
[	Co	59	0.116	ug/L	0.005	3	5	627	5	KED
[	Ni	60	0.778	ug/L	0.023	2	37	1238	0	KED
[	Ni	62	0.783	ug/L	0.023	2	6	204	4	KED
[	Cu	63	1.880	ug/L	0.030	1	150	8659	2	KED
[	Cu	65	1.858	ug/L	0.047	2	82	4259	2	KED
[	Zn	66	28.291	ug/L	0.095	0	218	18275	2	KED
[	Zn	67	27.365	ug/L	0.616	2	32	2926	1	KED
[	As	75	1.414	ug/L	0.051	3	3	459	5	KED
[	Se	78	0.194	ug/L	0.074	38	14	21	11	KED
	Y	89		ug/L			716574	718650	0	Standard
	Kr	83		ug/L			281	279	2	Standard
[>	In-1	115		ug/L			26143	25358	0	KED
[	Mo	98	0.710	ug/L	0.026	3	7	1194	3	KED
[	Cd	111	0.023	ug/L	0.009	38	4	13	25	KED
[	Cd	114	0.017	ug/L	0.007	38	4	21	31	KED
[>	In	115		ug/L			1390988	1344846	1	Standard
[	Ag	107	0.001	ug/L	0.000	38	42	50	5	Standard
[	Sb	121	0.246	ug/L	0.004	1	401	5305	2	Standard
[	Sb	123	0.242	ug/L	0.005	2	306	4001	1	Standard
[	Ba	135	27.431	ug/L	0.549	2	72	193756	1	Standard
[	Ba	137	27.170	ug/L	0.482	1	142	339028	1	Standard
[>	Tb	159		ug/L			2935826	3004284	0	Standard
[	Tl	205	0.002	ug/L	0.000	5	144	365	3	Standard
[	Pb	208	0.089	ug/L	0.001	1	1069	12353	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:53:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1162200	3	Standard
[	**Be**	**9**	**0.022**	ug/L	0.003	14	4	154	9	Standard
	C	**13**		ug/L			26149	50168	0	Standard
	Cl	**37**		ug/L			7203780	8115611	1	Standard
[>	**Sc**	**45**		ug/L			1411304	1706713	1	Standard
[	**V**	**51**	**2.193**	ug/L	0.007	0	6817	89826	2	Standard
[	**V-1**	**51**	**3.493**	ug/L	0.011	0	591	132098	1	Standard
[	**Cr**	**52**	**0.075**	ug/L	0.018	23	20282	26926	0	Standard
[	**Cr**	**53**	**4.331**	ug/L	0.074	1	300	16561	0	Standard
[	**Fe**	**54**	**13.281**	ug/L	0.269	2	99061	168030	2	Standard
[	**Fe**	**57**	**54.242**	ug/L	0.703	1	23749	102659	2	Standard
[	**Mn**	**55**	**343.198**	ug/L	7.900	2	924	16608261	1	Standard
[>	**Ge**	**72**		ug/L			92215	92419	0	KED
[	**Co**	**59**	**0.443**	ug/L	0.020	4	5	2444	5	KED
[	**Ni**	**60**	**1.353**	ug/L	0.054	3	37	2192	3	KED
[	**Ni**	**62**	**1.343**	ug/L	0.020	1	6	356	1	KED
[	**Cu**	**63**	**2.845**	ug/L	0.024	0	150	13410	0	KED
[	**Cu**	**65**	**2.881**	ug/L	0.017	0	82	6755	0	KED
[	**Zn**	**66**	**11.035**	ug/L	0.101	0	218	7473	1	KED
[	**Zn**	**67**	**11.560**	ug/L	0.687	5	32	1292	6	KED
[	**As**	**75**	**0.318**	ug/L	0.016	5	3	108	4	KED
[	**Se**	**78**	**0.708**	ug/L	0.056	7	14	40	4	KED
	Y	**89**		ug/L			716574	741331	2	Standard
	Kr	**83**		ug/L			281	338	2	Standard
[>	**In-1**	**115**		ug/L			26143	26139	0	KED
[	**Mo**	**98**	**0.982**	ug/L	0.037	3	7	1700	3	KED
[	**Cd**	**111**	**5.054**	ug/L	0.028	0	4	1978	0	KED
[	**Cd**	**114**	**4.923**	ug/L	0.078	1	4	4985	1	KED
[>	**In**	**115**		ug/L			1390988	1424732	0	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.001	128	42	51	19	Standard
[	**Sb**	**121**	**0.104**	ug/L	0.004	3	401	2604	2	Standard
[	**Sb**	**123**	**0.101**	ug/L	0.007	7	306	1946	5	Standard
[	**Ba**	**135**	**14.914**	ug/L	0.342	2	72	111631	1	Standard
[	**Ba**	**137**	**14.574**	ug/L	0.336	2	142	192731	1	Standard
[>	**Tb**	**159**		ug/L			2935826	3073657	1	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.000	4	144	628	4	Standard
[	**Pb**	**208**	**0.003**	ug/L	0.001	19	1069	1561	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 04:58:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	1138567	0	Standard
	Be	9	0.017	ug/L	0.018	107	4	118	102	Standard
	C	13		ug/L			26149	132188	108	Standard
	Cl	37		ug/L			7203780	8925236	17	Standard
>	Sc	45		ug/L			1411304	1669878	2	Standard
	V	51	-0.962	ug/L	5.516	573	6817	-23716	831	Standard
	V-1	51	3.554	ug/L	0.063	1	591	131451	1	Standard
	Cr	52	0.111	ug/L	0.025	22	20282	27446	0	Standard
	Cr	53	14.596	ug/L	17.758	121	300	52723	119	Standard
	Fe	54	14.222	ug/L	0.945	6	99061	167675	0	Standard
	Fe	57	55.085	ug/L	1.501	2	23749	101532	0	Standard
	Mn	55	356.071	ug/L	7.918	2	924	16859641	2	Standard
>	Ge	72		ug/L			92215	94166	0	KED
	Co	59	0.458	ug/L	0.013	2	5	2573	3	KED
	Ni	60	1.349	ug/L	0.036	2	37	2228	2	KED
	Ni	62	1.342	ug/L	0.083	6	6	362	5	KED
	Cu	63	2.730	ug/L	0.045	1	150	13119	1	KED
	Cu	65	2.763	ug/L	0.027	0	82	6605	1	KED
	Zn	66	0.375	ug/L	0.053	14	218	474	7	KED
	Zn	67	1.356	ug/L	0.191	14	32	183	11	KED
	As	75	0.333	ug/L	0.022	6	3	115	7	KED
	Se	78	0.504	ug/L	0.183	36	14	33	20	KED
	Y	89		ug/L			716574	714829	1	Standard
	Kr	83		ug/L			281	377	20	Standard
>	In-1	115		ug/L			26143	26047	1	KED
	Mo	98	1.050	ug/L	0.045	4	7	1810	3	KED
	Cd	111	5.245	ug/L	0.102	1	4	2045	1	KED
	Cd	114	5.151	ug/L	0.180	3	4	5195	2	KED
>	In	115		ug/L			1390988	1372702	1	Standard
	Ag	107	0.004	ug/L	0.007	172	42	111	107	Standard
	Sb	121	0.086	ug/L	0.004	4	401	2151	4	Standard
	Sb	123	0.096	ug/L	0.007	6	306	1795	6	Standard
	Ba	135	15.415	ug/L	0.363	2	72	111168	2	Standard
	Ba	137	15.128	ug/L	0.396	2	142	192725	1	Standard
>	Tb	159		ug/L			2935826	2976520	2	Standard
	Tl	205	0.006	ug/L	0.001	20	144	733	13	Standard
	Pb	208	0.001	ug/L	0.003	220	1069	1226	23	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:02:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1116194	3	Standard
[	**Be**	**9**	**0.014**	ug/L	0.004	27	4	96	24	Standard
	C	**13**		ug/L			26149	56525	1	Standard
	Cl	**37**		ug/L			7203780	7177694	0	Standard
[>	**Sc**	**45**		ug/L			1411304	1705431	1	Standard
[	**V**	**51**	**4.632**	ug/L	0.127	2	6817	180382	1	Standard
[	**V-1**	**51**	**5.032**	ug/L	0.127	2	591	189827	0	Standard
[	**Cr**	**52**	**1.813**	ug/L	0.096	5	20282	82295	2	Standard
[	**Cr**	**53**	**3.200**	ug/L	0.091	2	300	12319	1	Standard
[	**Fe**	**54**	**166.846**	ug/L	5.517	3	99061	724845	1	Standard
[	**Fe**	**57**	**216.220**	ug/L	5.912	2	23749	323144	1	Standard
[	**Mn**	**55**	**234.304**	ug/L	6.484	2	924	11330238	1	Standard
[>	**Ge**	**72**		ug/L			92215	90778	0	KED
[	**Co**	**59**	**2.417**	ug/L	0.024	1	5	13072	0	KED
[	**Ni**	**60**	**9.131**	ug/L	0.173	1	37	14320	1	KED
[	**Ni**	**62**	**8.756**	ug/L	0.580	6	6	2245	5	KED
[	**Cu**	**63**	**14.911**	ug/L	0.217	1	150	68411	0	KED
[	**Cu**	**65**	**15.185**	ug/L	0.535	3	82	34624	2	KED
[	**Zn**	**66**	**2.502**	ug/L	0.090	3	218	1830	2	KED
[	**Zn**	**67**	**3.475**	ug/L	0.235	6	32	403	6	KED
[	**As**	**75**	**0.570**	ug/L	0.044	7	3	188	7	KED
[	**Se**	**78**	**0.721**	ug/L	0.162	22	14	40	13	KED
	Y	**89**		ug/L			716574	750384	2	Standard
	Kr	**83**		ug/L			281	299	8	Standard
[>	**In-1**	**115**		ug/L			26143	25139	0	KED
[	**Mo**	**98**	**3.403**	ug/L	0.077	2	7	5646	1	KED
[	**Cd**	**111**	**8.604**	ug/L	0.026	0	4	3236	0	KED
[	**Cd**	**114**	**8.377**	ug/L	0.101	1	4	8155	1	KED
[>	**In**	**115**		ug/L			1390988	1429045	1	Standard
[	**Ag**	**107**	**0.003**	ug/L	0.001	29	42	102	16	Standard
[	**Sb**	**121**	**0.206**	ug/L	0.008	4	401	4795	3	Standard
[	**Sb**	**123**	**0.212**	ug/L	0.006	2	306	3757	0	Standard
[	**Ba**	**135**	**15.090**	ug/L	0.731	4	72	113241	3	Standard
[	**Ba**	**137**	**14.692**	ug/L	0.555	3	142	194817	2	Standard
[>	**Tb**	**159**		ug/L			2935826	3006001	3	Standard
[	**Tl**	**205**	**0.013**	ug/L	0.000	2	144	1358	5	Standard
[	**Pb**	**208**	**0.025**	ug/L	0.001	4	1069	4282	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:07:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1141283	1	Standard
[	Be	9	0.015	ug/L	0.002	13	4	106	13	Standard
	C	13		ug/L			26149	50591	0	Standard
	Cl	37		ug/L			7203780	7263797	0	Standard
[>	Sc	45		ug/L			1411304	1673446	2	Standard
[	V	51	8.936	ug/L	0.168	1	6817	333918	0	Standard
[	V-1	51	9.470	ug/L	0.180	1	591	349906	0	Standard
[	Cr	52	0.823	ug/L	0.029	3	20282	49785	1	Standard
[	Cr	53	2.832	ug/L	0.084	2	300	10738	2	Standard
[	Fe	54	24.996	ug/L	0.845	3	99061	206407	0	Standard
[	Fe	57	46.883	ug/L	1.635	3	23749	90790	0	Standard
[	Mn	55	414.961	ug/L	12.316	2	924	19685845	0	Standard
[>	Ge	72		ug/L			92215	93432	0	KED
[	Co	59	2.197	ug/L	0.072	3	5	12229	2	KED
[	Ni	60	16.620	ug/L	0.087	0	37	26799	0	KED
[	Ni	62	16.242	ug/L	0.442	2	6	4282	1	KED
[	Cu	63	85.250	ug/L	1.856	2	150	401823	1	KED
[	Cu	65	86.410	ug/L	2.066	2	82	202400	1	KED
[	Zn	66	1.042	ug/L	0.059	5	218	913	3	KED
[	Zn	67	1.553	ug/L	0.153	9	32	203	7	KED
[	As	75	0.839	ug/L	0.016	1	3	284	2	KED
[	Se	78	0.291	ug/L	0.098	33	14	25	14	KED
	Y	89		ug/L			716574	754080	2	Standard
	Kr	83		ug/L			281	321	7	Standard
[>	In-1	115		ug/L			26143	25197	2	KED
[	Mo	98	1.618	ug/L	0.037	2	7	2693	0	KED
[	Cd	111	18.009	ug/L	0.392	2	4	6783	1	KED
[	Cd	114	18.141	ug/L	0.521	2	4	17688	0	KED
[>	In	115		ug/L			1390988	1413875	0	Standard
[	Ag	107	0.002	ug/L	0.000	20	42	79	9	Standard
[	Sb	121	0.276	ug/L	0.007	2	401	6208	2	Standard
[	Sb	123	0.278	ug/L	0.008	3	306	4773	2	Standard
[	Ba	135	6.679	ug/L	0.097	1	72	49654	0	Standard
[	Ba	137	6.581	ug/L	0.121	1	142	86439	1	Standard
[>	Tb	159		ug/L			2935826	3015811	0	Standard
[	Tl	205	0.006	ug/L	0.000	3	144	713	2	Standard
[	Pb	208	-0.002	ug/L	0.000	12	1069	896	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:12:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1105550	8	Standard
[	Be	9	0.016	ug/L	0.004	26	4	107	16	Standard
	C	13		ug/L			26149	53707	0	Standard
	Cl	37		ug/L			7203780	7077966	3	Standard
[>	Sc	45		ug/L			1411304	1605059	8	Standard
[	V	51	9.700	ug/L	0.597	6	6817	345919	2	Standard
[	V-1	51	10.248	ug/L	0.622	6	591	361982	2	Standard
[	Cr	52	0.879	ug/L	0.104	11	20282	49269	2	Standard
[	Cr	53	2.957	ug/L	0.201	6	300	10704	2	Standard
[	Fe	54	29.876	ug/L	5.967	19	99061	213528	1	Standard
[	Fe	57	51.537	ug/L	4.888	9	23749	92720	2	Standard
[	Mn	55	455.952	ug/L	26.112	5	924	20688569	3	Standard
[>	Ge	72		ug/L			92215	93404	0	KED
[	Co	59	2.259	ug/L	0.003	0	5	12569	0	KED
[	Ni	60	17.458	ug/L	0.135	0	37	28140	0	KED
[	Ni	62	17.303	ug/L	0.306	1	6	4561	1	KED
[	Cu	63	88.979	ug/L	0.709	0	150	419310	0	KED
[	Cu	65	90.084	ug/L	1.087	1	82	210965	1	KED
[	Zn	66	1.162	ug/L	0.052	4	218	993	3	KED
[	Zn	67	1.783	ug/L	0.167	9	32	229	8	KED
[	As	75	0.855	ug/L	0.033	3	3	290	3	KED
[	Se	78	0.341	ug/L	0.109	32	14	27	14	KED
	Y	89		ug/L			716574	714407	10	Standard
	Kr	83		ug/L			281	310	5	Standard
[>	In-1	115		ug/L			26143	25922	1	KED
[	Mo	98	1.636	ug/L	0.012	0	7	2803	2	KED
[	Cd	111	18.440	ug/L	0.341	1	4	7147	1	KED
[	Cd	114	18.555	ug/L	0.158	0	4	18620	1	KED
[>	In	115		ug/L			1390988	1357249	10	Standard
[	Ag	107	0.002	ug/L	0.001	44	42	76	13	Standard
[	Sb	121	0.290	ug/L	0.025	8	401	6214	4	Standard
[	Sb	123	0.297	ug/L	0.032	10	306	4845	0	Standard
[	Ba	135	7.380	ug/L	0.694	9	72	52330	1	Standard
[	Ba	137	7.231	ug/L	0.658	9	142	90613	1	Standard
[>	Tb	159		ug/L			2935826	2854363	8	Standard
[	Tl	205	0.007	ug/L	0.001	12	144	807	2	Standard
[	Pb	208	0.001	ug/L	0.001	94	1069	1135	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:17:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	1127955	1	Standard
	Be	9	24.662	ug/L	0.454	1	4	167227	2	Standard
	C	13		ug/L			26149	51059	1	Standard
	Cl	37		ug/L			7203780	7209917	1	Standard
>	Sc	45		ug/L			1411304	1708831	1	Standard
	V	51	30.618	ug/L	0.298	0	6817	1148572	0	Standard
	V-1	51	30.965	ug/L	0.221	0	591	1166954	0	Standard
	Cr	52	22.561	ug/L	0.107	0	20282	745411	1	Standard
	Cr	53	23.963	ug/L	0.323	1	300	90110	2	Standard
	Fe	54	4541.054	ug/L	31.087	0	99061	16628722	1	Standard
	Fe	57	4763.367	ug/L	28.656	0	23749	6529539	0	Standard
	Mn	55	435.115	ug/L	3.255	0	924	21087475	1	Standard
>	Ge	72		ug/L			92215	93570	0	KED
	Co	59	27.752	ug/L	0.365	1	5	154660	0	KED
	Ni	60	41.492	ug/L	0.800	1	37	66943	1	KED
	Ni	62	40.816	ug/L	0.549	1	6	10769	1	KED
	Cu	63	108.366	ug/L	1.991	1	150	511483	0	KED
	Cu	65	110.185	ug/L	0.821	0	82	258470	0	KED
	Zn	66	78.934	ug/L	1.198	1	218	52751	1	KED
	Zn	67	75.258	ug/L	1.325	1	32	8333	1	KED
	As	75	25.912	ug/L	0.245	0	3	8712	1	KED
	Se	78	77.696	ug/L	2.068	2	14	2918	2	KED
	Y	89		ug/L			716574	749342	3	Standard
	Kr	83		ug/L			281	343	6	Standard
>	In-1	115		ug/L			26143	26291	1	KED
	Mo	98	1.510	ug/L	0.058	3	7	2622	2	KED
	Cd	111	42.170	ug/L	0.575	1	4	16571	0	KED
	Cd	114	41.623	ug/L	0.740	1	4	42352	0	KED
>	In	115		ug/L			1390988	1454820	1	Standard
	Ag	107	23.452	ug/L	0.657	2	42	409107	1	Standard
	Sb	121	0.276	ug/L	0.004	1	401	6386	2	Standard
	Sb	123	0.285	ug/L	0.012	4	306	5030	2	Standard
	Ba	135	31.263	ug/L	0.297	0	72	238897	1	Standard
	Ba	137	30.466	ug/L	0.302	0	142	411250	1	Standard
>	Tb	159		ug/L			2935826	3041738	1	Standard
	Tl	205	25.456	ug/L	0.130	0	144	2491936	1	Standard
	Pb	208	22.500	ug/L	0.133	0	1069	2882794	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:23:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1097714	1	Standard
[	Be	9	24.952	ug/L	0.353	1	4	164639	1	Standard
	C	13		ug/L			26149	51118	1	Standard
	Cl	37		ug/L			7203780	7242669	1	Standard
[>	Sc	45		ug/L			1411304	1693273	2	Standard
[	V	51	30.838	ug/L	0.564	1	6817	1146004	0	Standard
[	V-1	51	31.178	ug/L	0.558	1	591	1164089	1	Standard
[	Cr	52	22.660	ug/L	0.544	2	20282	741552	0	Standard
[	Cr	53	24.049	ug/L	0.442	1	300	89578	1	Standard
[	Fe	54	4584.121	ug/L	76.861	1	99061	16628291	0	Standard
[	Fe	57	4735.691	ug/L	88.880	1	23749	6431287	0	Standard
[	Mn	55	429.392	ug/L	7.291	1	924	20617373	1	Standard
[>	Ge	72		ug/L			92215	94199	0	KED
[	Co	59	27.444	ug/L	0.204	0	5	153990	1	KED
[	Ni	60	40.506	ug/L	0.200	0	37	65793	0	KED
[	Ni	62	41.511	ug/L	0.481	1	6	11026	0	KED
[	Cu	63	108.346	ug/L	0.455	0	150	514886	0	KED
[	Cu	65	110.101	ug/L	1.149	1	82	260036	1	KED
[	Zn	66	78.086	ug/L	0.377	0	218	52543	1	KED
[	Zn	67	74.338	ug/L	1.706	2	32	8288	2	KED
[	As	75	25.685	ug/L	0.220	0	3	8694	1	KED
[	Se	78	76.909	ug/L	1.334	1	14	2908	2	KED
	Y	89		ug/L			716574	756365	2	Standard
	Kr	83		ug/L			281	338	4	Standard
[>	In-1	115		ug/L			26143	26258	1	KED
[	Mo	98	1.503	ug/L	0.034	2	7	2608	1	KED
[	Cd	111	42.228	ug/L	0.659	1	4	16574	1	KED
[	Cd	114	42.037	ug/L	0.602	1	4	42725	1	KED
[>	In	115		ug/L			1390988	1439719	1	Standard
[	Ag	107	24.159	ug/L	0.237	0	42	417134	1	Standard
[	Sb	121	0.299	ug/L	0.002	0	401	6818	1	Standard
[	Sb	123	0.311	ug/L	0.014	4	306	5408	4	Standard
[	Ba	135	31.137	ug/L	0.467	1	72	235430	0	Standard
[	Ba	137	30.603	ug/L	0.342	1	142	408827	1	Standard
[>	Tb	159		ug/L			2935826	3041130	0	Standard
[	Tl	205	24.994	ug/L	0.286	1	144	2446065	0	Standard
[	Pb	208	22.339	ug/L	0.233	1	1069	2861686	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:31:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1179121	4	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	44	4	2	43	Standard
	C	**13**		ug/L			26149	25381	3	Standard
	Cl	**37**		ug/L			7203780	6543681	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1501899	0	Standard
⌈	**V**	**51**	**0.009**	ug/L	0.001	15	6817	7555	0	Standard
⌊	**V-1**	**51**	**0.011**	ug/L	0.001	6	591	1004	2	Standard
⌈	**Cr**	**52**	**0.023**	ug/L	0.011	49	20282	22234	1	Standard
⌊	**Cr**	**53**	**0.030**	ug/L	0.006	21	300	417	5	Standard
⌈	**Fe**	**54**	**-1.446**	ug/L	0.459	31	99061	100800	1	Standard
⌊	**Fe**	**57**	**0.441**	ug/L	0.298	67	23749	25802	1	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	68	924	943	3	Standard
⌈>	**Ge**	**72**		ug/L			92215	94489	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	39	5	2	43	KED
⌊	**Ni**	**60**	**-0.006**	ug/L	0.008	124	37	28	43	KED
⌈	**Ni**	**62**	**0.007**	ug/L	0.011	168	6	8	35	KED
⌊	**Cu**	**63**	**-0.016**	ug/L	0.003	15	150	76	15	KED
⌈	**Cu**	**65**	**-0.019**	ug/L	0.002	12	82	40	14	KED
⌊	**Zn**	**66**	**-0.166**	ug/L	0.006	3	218	112	4	KED
⌈	**Zn**	**67**	**-0.127**	ug/L	0.035	27	32	19	20	KED
⌊	**As**	**75**	**-0.000**	ug/L	0.002	1040	3	3	24	KED
⌊	**Se**	**78**	**-0.052**	ug/L	0.120	229	14	13	34	KED
	Y	**89**		ug/L			716574	728553	1	Standard
	Kr	**83**		ug/L			281	293	7	Standard
⌈>	**In-1**	**115**		ug/L			26143	26856	0	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.001	29	7	4	25	KED
⌊	**Cd**	**111**	**-0.005**	ug/L	0.001	26	4	2	21	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	70	4	1	205	KED
⌈>	**In**	**115**		ug/L			1390988	1433723	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	42	42	70	16	Standard
⌊	**Sb**	**121**	**-0.016**	ug/L	0.000	2	401	73	11	Standard
⌈	**Sb**	**123**	**-0.015**	ug/L	0.000	2	306	69	9	Standard
⌊	**Ba**	**135**	**-0.005**	ug/L	0.001	18	72	36	18	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.000	4	142	61	6	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2973842	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	27	144	126	3	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	8	1069	694	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:36:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1117668	0	Standard
⌊	**Be**	**9**	**50.975**	ug/L	0.890	1	4	342485	1	Standard
	C	**13**		ug/L			26149	25384	1	Standard
	Cl	**37**		ug/L			7203780	7465839	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1471855	0	Standard
⌈	**V**	**51**	**49.396**	ug/L	1.104	2	6817	1591719	2	Standard
⌊	**V-1**	**51**	**49.304**	ug/L	1.183	2	591	1600070	2	Standard
⌈	**Cr**	**52**	**50.063**	ug/L	0.965	1	20282	1398929	1	Standard
⌊	**Cr**	**53**	**49.742**	ug/L	1.255	2	300	160749	2	Standard
⌈	**Fe**	**54**	**5229.213**	ug/L	85.382	1	99061	16477351	1	Standard
⌊	**Fe**	**57**	**5398.827**	ug/L	130.915	2	23749	6371135	2	Standard
⌊	**Mn**	**55**	**53.547**	ug/L	1.276	2	924	2236082	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	96641	0	KED
⌈	**Co**	**59**	**49.235**	ug/L	0.334	0	5	283404	0	KED
⌊	**Ni**	**60**	**49.513**	ug/L	0.549	1	37	82498	0	KED
⌈	**Ni**	**62**	**49.683**	ug/L	0.283	0	6	13538	0	KED
⌈	**Cu**	**63**	**49.393**	ug/L	0.400	0	150	240907	1	KED
⌊	**Cu**	**65**	**50.130**	ug/L	0.594	1	82	121511	1	KED
⌈	**Zn**	**66**	**51.205**	ug/L	0.224	0	218	35426	0	KED
⌊	**Zn**	**67**	**50.319**	ug/L	0.945	1	32	5766	2	KED
⌈	**As**	**75**	**49.510**	ug/L	0.663	1	3	17189	0	KED
⌊	**Se**	**78**	**49.493**	ug/L	0.514	1	14	1925	1	KED
	Y	**89**		ug/L			716574	732532	2	Standard
	Kr	**83**		ug/L			281	299	5	Standard
⌈>	**In-1**	**115**		ug/L			26143	26557	0	KED
⌈	**Mo**	**98**	**48.936**	ug/L	0.111	0	7	85678	0	KED
⌈	**Cd**	**111**	**49.339**	ug/L	0.395	0	4	19586	0	KED
⌊	**Cd**	**114**	**49.756**	ug/L	0.875	1	4	51145	1	KED
⌈>	**In**	**115**		ug/L			1390988	1442491	1	Standard
⌈	**Ag**	**107**	**49.051**	ug/L	0.797	1	42	848373	0	Standard
⌈	**Sb**	**121**	**49.862**	ug/L	0.661	1	401	1070066	3	Standard
⌊	**Sb**	**123**	**51.012**	ug/L	0.622	1	306	836891	2	Standard
⌈	**Ba**	**135**	**48.420**	ug/L	0.482	0	72	366822	2	Standard
⌊	**Ba**	**137**	**47.182**	ug/L	0.682	1	142	631451	2	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3026776	1	Standard
⌈	**Tl**	**205**	**50.745**	ug/L	0.321	0	144	4942582	1	Standard
⌊	**Pb**	**208**	**49.167**	ug/L	0.888	1	1069	6266250	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:43:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1155580	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	58	4	6	17	Standard
	C	**13**		ug/L			26149	26300	1	Standard
	Cl	**37**		ug/L			7203780	7015496	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1471833	1	Standard
⌈	**V**	**51**	**0.006**	ug/L	0.005	79	6817	7310	1	Standard
⌊	**V-1**	**51**	**0.005**	ug/L	0.001	15	591	767	1	Standard
⌈	**Cr**	**52**	**0.014**	ug/L	0.011	81	20282	21535	1	Standard
⌊	**Cr**	**53**	**0.008**	ug/L	0.003	41	300	340	4	Standard
⌈	**Fe**	**54**	**-0.317**	ug/L	0.973	306	99061	102286	1	Standard
⌊	**Fe**	**57**	**4.666**	ug/L	0.426	9	23749	30252	2	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	77	924	1015	4	Standard
⌈>	**Ge**	**72**		ug/L			92215	94867	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	112	5	3	69	KED
⌊	**Ni**	**60**	**0.001**	ug/L	0.007	550	37	40	28	KED
⌈	**Ni**	**62**	**0.004**	ug/L	0.015	347	6	7	50	KED
⌈	**Cu**	**63**	**0.004**	ug/L	0.002	51	150	173	7	KED
⌊	**Cu**	**65**	**-0.003**	ug/L	0.006	172	82	76	16	KED
⌈	**Zn**	**66**	**0.004**	ug/L	0.033	741	218	227	11	KED
⌊	**Zn**	**67**	**0.048**	ug/L	0.022	44	32	38	7	KED
⌈	**As**	**75**	**0.004**	ug/L	0.005	101	3	4	31	KED
⌊	**Se**	**78**	**-0.016**	ug/L	0.003	21	14	14	1	KED
	Y	**89**		ug/L			716574	722944	1	Standard
	Kr	**83**		ug/L			281	309	9	Standard
⌈>	**In-1**	**115**		ug/L			26143	26658	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.004	83	7	15	42	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.004	173	4	5	26	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.005	202	4	6	72	KED
⌈>	**In**	**115**		ug/L			1390988	1433183	2	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	63	42	69	22	Standard
⌈	**Sb**	**121**	**0.039**	ug/L	0.002	5	401	1248	6	Standard
⌊	**Sb**	**123**	**0.039**	ug/L	0.001	3	306	952	4	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.002	199	72	81	18	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	297	142	149	7	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3012324	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	34	144	242	12	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	13	1069	1210	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0137-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:48:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1109251	2	Standard
⌊	**Be**	**9**	**0.003**	ug/L	0.001	39	4	22	30	Standard
	C	**13**		ug/L			26149	54889	1	Standard
	Cl	**37**		ug/L			7203780	7398531	1	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1524051	0	Standard
⌈	**V**	**51**	**0.850**	ug/L	0.014	1	6817	35589	1	Standard
⌊	**V-1**	**51**	**0.933**	ug/L	0.013	1	591	31975	1	Standard
⌈	**Cr**	**52**	**0.539**	ug/L	0.008	1	20282	37259	0	Standard
⌊	**Cr**	**53**	**0.817**	ug/L	0.008	0	300	3054	0	Standard
⌈	**Fe**	**54**	**1423.990**	ug/L	10.669	0	99061	4724031	1	Standard
⌊	**Fe**	**57**	**1404.595**	ug/L	11.416	0	23749	1735355	0	Standard
	Mn	**55**	**431.378**	ug/L	6.514	1	924	18646282	1	Standard
⌈>	**Ge**	**72**		ug/L			92215	93309	1	KED
⌈	**Co**	**59**	**0.498**	ug/L	0.019	3	5	2772	2	KED
⌊	**Ni**	**60**	**0.961**	ug/L	0.016	1	37	1583	0	KED
⌈	**Ni**	**62**	**0.925**	ug/L	0.105	11	6	249	10	KED
⌈	**Cu**	**63**	**5.631**	ug/L	0.019	0	150	26652	0	KED
⌊	**Cu**	**65**	**5.702**	ug/L	0.038	0	82	13417	0	KED
⌈	**Zn**	**66**	**32.463**	ug/L	0.549	1	218	21763	1	KED
⌊	**Zn**	**67**	**32.099**	ug/L	0.148	0	32	3563	0	KED
⌈	**As**	**75**	**1.562**	ug/L	0.032	2	3	526	1	KED
⌊	**Se**	**78**	**0.163**	ug/L	0.086	52	14	20	14	KED
	Y	**89**		ug/L			716574	727160	0	Standard
	Kr	**83**		ug/L			281	308	4	Standard
⌈>	**In-1**	**115**		ug/L			26143	25814	1	KED
⌈	**Mo**	**98**	**0.802**	ug/L	0.024	3	7	1372	1	KED
⌈	**Cd**	**111**	**0.172**	ug/L	0.014	8	4	70	7	KED
⌊	**Cd**	**114**	**0.166**	ug/L	0.013	7	4	169	6	KED
⌈>	**In**	**115**		ug/L			1390988	1418653	1	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.001	38	42	105	23	Standard
⌈	**Sb**	**121**	**1.875**	ug/L	0.048	2	401	39960	1	Standard
⌊	**Sb**	**123**	**1.922**	ug/L	0.028	1	306	31310	0	Standard
⌈	**Ba**	**135**	**26.209**	ug/L	0.176	0	72	195300	1	Standard
⌊	**Ba**	**137**	**25.695**	ug/L	0.453	1	142	338236	1	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2989952	2	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	24	144	332	12	Standard
⌊	**Pb**	**208**	**0.105**	ug/L	0.002	2	1069	14341	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0137-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:53:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1125871	1	Standard
[	**Be**	**9**	**0.003**	ug/L	0.002	63	4	27	52	Standard
	C	**13**		ug/L			26149	53174	1	Standard
	Cl	**37**		ug/L			7203780	7377814	0	Standard
[>	**Sc**	**45**		ug/L			1411304	1524947	0	Standard
[	**V**	**51**	**0.813**	ug/L	0.028	3	6817	34368	1	Standard
[	**V-1**	**51**	**0.895**	ug/L	0.015	1	591	30705	1	Standard
[	**Cr**	**52**	**0.561**	ug/L	0.030	5	20282	37914	1	Standard
[	**Cr**	**53**	**0.834**	ug/L	0.025	2	300	3113	3	Standard
[	**Fe**	**54**	**1346.169**	ug/L	21.398	1	99061	4474325	1	Standard
[	**Fe**	**57**	**1309.736**	ug/L	14.485	1	23749	1620756	0	Standard
[	**Mn**	**55**	**421.857**	ug/L	3.251	0	924	18244776	1	Standard
[>	**Ge**	**72**		ug/L			92215	92531	1	KED
[	**Co**	**59**	**0.503**	ug/L	0.009	1	5	2776	2	KED
[	**Ni**	**60**	**0.940**	ug/L	0.016	1	37	1536	2	KED
[	**Ni**	**62**	**0.948**	ug/L	0.074	7	6	253	6	KED
[	**Cu**	**63**	**5.395**	ug/L	0.050	0	150	25329	2	KED
[	**Cu**	**65**	**5.465**	ug/L	0.028	0	82	12758	1	KED
[	**Zn**	**66**	**31.526**	ug/L	0.471	1	218	20965	0	KED
[	**Zn**	**67**	**31.617**	ug/L	0.923	2	32	3482	4	KED
[	**As**	**75**	**1.482**	ug/L	0.023	1	3	495	2	KED
[	**Se**	**78**	**0.051**	ug/L	0.082	160	14	16	18	KED
	Y	**89**		ug/L			716574	739999	2	Standard
	Kr	**83**		ug/L			281	321	6	Standard
[>	**In-1**	**115**		ug/L			26143	25577	0	KED
[	**Mo**	**98**	**0.823**	ug/L	0.023	2	7	1395	3	KED
[	**Cd**	**111**	**0.161**	ug/L	0.013	7	4	66	7	KED
[	**Cd**	**114**	**0.162**	ug/L	0.018	11	4	165	11	KED
[>	**In**	**115**		ug/L			1390988	1450752	2	Standard
[	**Ag**	**107**	**0.003**	ug/L	0.001	26	42	102	13	Standard
[	**Sb**	**121**	**1.809**	ug/L	0.051	2	401	39430	1	Standard
[	**Sb**	**123**	**1.828**	ug/L	0.014	0	306	30464	1	Standard
[	**Ba**	**135**	**24.963**	ug/L	0.484	1	72	190188	2	Standard
[	**Ba**	**137**	**24.555**	ug/L	0.384	1	142	330498	1	Standard
[>	**Tb**	**159**		ug/L			2935826	3042375	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	21	144	294	10	Standard
[	**Pb**	**208**	**0.086**	ug/L	0.002	2	1069	12087	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0137-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 05:58:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1127686	3	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	64	4	20	53	Standard
	C	**13**		ug/L			26149	58205	0	Standard
	Cl	**37**		ug/L			7203780	7461040	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1519500	1	Standard
⌈	**V**	**51**	**0.505**	ug/L	0.008	1	6817	24057	2	Standard
⌊	**V-1**	**51**	**0.581**	ug/L	0.006	1	591	20080	0	Standard
⌈	**Cr**	**52**	**0.422**	ug/L	0.030	7	20282	33820	3	Standard
⌊	**Cr**	**53**	**0.669**	ug/L	0.016	2	300	2549	0	Standard
⌈	**Fe**	**54**	**968.085**	ug/L	17.578	1	99061	3235716	1	Standard
⌊	**Fe**	**57**	**947.825**	ug/L	7.131	0	23749	1175782	1	Standard
	Mn	**55**	**390.048**	ug/L	6.696	1	924	16806341	0	Standard
⌈>	**Ge**	**72**		ug/L			92215	93041	1	KED
⌈	**Co**	**59**	**0.508**	ug/L	0.014	2	5	2819	3	KED
⌊	**Ni**	**60**	**0.900**	ug/L	0.016	1	37	1480	2	KED
⌈	**Ni**	**62**	**0.850**	ug/L	0.040	4	6	229	3	KED
⌈	**Cu**	**63**	**4.515**	ug/L	0.013	0	150	21341	1	KED
⌊	**Cu**	**65**	**4.626**	ug/L	0.083	1	82	10869	1	KED
⌈	**Zn**	**66**	**19.991**	ug/L	0.062	0	218	13450	1	KED
⌊	**Zn**	**67**	**19.862**	ug/L	0.809	4	32	2210	3	KED
⌈	**As**	**75**	**1.052**	ug/L	0.054	5	3	354	5	KED
⌊	**Se**	**78**	**0.111**	ug/L	0.061	54	14	18	11	KED
	Y	**89**		ug/L			716574	730145	0	Standard
	Kr	**83**		ug/L			281	339	7	Standard
⌈>	**In-1**	**115**		ug/L			26143	25011	6	KED
⌈	**Mo**	**98**	**0.512**	ug/L	0.026	5	7	849	3	KED
⌈	**Cd**	**111**	**0.122**	ug/L	0.010	8	4	49	1	KED
⌊	**Cd**	**114**	**0.151**	ug/L	0.025	16	4	149	8	KED
⌈>	**In**	**115**		ug/L			1390988	1464986	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	31	42	80	13	Standard
⌈	**Sb**	**121**	**1.372**	ug/L	0.041	3	401	30317	2	Standard
⌊	**Sb**	**123**	**1.394**	ug/L	0.032	2	306	23540	2	Standard
⌈	**Ba**	**135**	**17.708**	ug/L	0.265	1	72	136290	1	Standard
⌊	**Ba**	**137**	**17.365**	ug/L	0.357	2	142	236121	2	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3059400	2	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	9	144	419	5	Standard
⌊	**Pb**	**208**	**0.060**	ug/L	0.002	3	1069	8844	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0137-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:03:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1166931	1	Standard
	Be	**9**	**0.003**	ug/L	0.001	21	4	26	18	Standard
	C	**13**		ug/L			26149	56999	1	Standard
	Cl	**37**		ug/L			7203780	7593627	0	Standard
>	**Sc**	**45**		ug/L			1411304	1559996	0	Standard
	V	**51**	**0.827**	ug/L	0.012	1	6817	35650	0	Standard
	V-1	**51**	**0.894**	ug/L	0.011	1	591	31381	0	Standard
	Cr	**52**	**0.520**	ug/L	0.014	2	20282	37587	0	Standard
	Cr	**53**	**0.746**	ug/L	0.014	1	300	2882	1	Standard
	Fe	**54**	**1413.065**	ug/L	1.520	0	99061	4799121	0	Standard
	Fe	**57**	**1392.743**	ug/L	4.819	0	23749	1761482	0	Standard
	Mn	**55**	**427.016**	ug/L	2.618	0	924	18892399	0	Standard
>	**Ge**	**72**		ug/L			92215	93374	0	KED
	Co	**59**	**0.495**	ug/L	0.013	2	5	2758	2	KED
	Ni	**60**	**0.942**	ug/L	0.029	3	37	1553	3	KED
	Ni	**62**	**1.001**	ug/L	0.097	9	6	269	8	KED
	Cu	**63**	**5.665**	ug/L	0.062	1	150	26830	0	KED
	Cu	**65**	**5.718**	ug/L	0.103	1	82	13462	1	KED
	Zn	**66**	**31.862**	ug/L	0.523	1	218	21382	1	KED
	Zn	**67**	**31.343**	ug/L	1.091	3	32	3482	3	KED
	As	**75**	**1.479**	ug/L	0.065	4	3	499	4	KED
	Se	**78**	**0.069**	ug/L	0.050	73	14	17	10	KED
	Y	**89**		ug/L			716574	740993	1	Standard
	Kr	**83**		ug/L			281	313	12	Standard
>	**In-1**	**115**		ug/L			26143	25970	0	KED
	Mo	**98**	**0.824**	ug/L	0.013	1	7	1417	2	KED
	Cd	**111**	**0.160**	ug/L	0.017	10	4	66	9	KED
	Cd	**114**	**0.165**	ug/L	0.013	7	4	170	8	KED
>	**In**	**115**		ug/L			1390988	1493327	3	Standard
	Ag	**107**	**0.003**	ug/L	0.000	8	42	100	4	Standard
	Sb	**121**	**1.811**	ug/L	0.032	1	401	40633	1	Standard
	Sb	**123**	**1.869**	ug/L	0.060	3	306	32037	0	Standard
	Ba	**135**	**24.879**	ug/L	0.799	3	72	195031	1	Standard
	Ba	**137**	**24.122**	ug/L	0.583	2	142	334120	1	Standard
>	**Tb**	**159**		ug/L			2935826	3069532	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	13	144	325	8	Standard
	Pb	**208**	**0.099**	ug/L	0.001	1	1069	13907	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0267-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:09:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1113853	979264	4	Standard
⌊	Be	9	0.000	ug/L	0.001	126	4	6	45	Standard
	C	13		ug/L			26149	550412	1	Standard
	Cl	37		ug/L			7203780	7038096	0	Standard
⌈>	Sc	45		ug/L			1411304	1309173	1	Standard
⌈	V	51	0.532	ug/L	0.022	4	6817	21512	2	Standard
⌊	V-1	51	0.321	ug/L	0.004	1	591	9803	0	Standard
⌈	Cr	52	8.001	ug/L	0.115	1	20282	214659	1	Standard
⌊	Cr	53	7.053	ug/L	0.167	2	300	20511	2	Standard
⌈	Fe	54	1087.300	ug/L	6.548	0	99061	3120019	0	Standard
⌊	Fe	57	1514.429	ug/L	28.506	1	23749	1605258	0	Standard
	Mn	55	28.162	ug/L	0.474	1	924	1046284	0	Standard
⌈>	Ge	72		ug/L			92215	78781	1	KED
⌈	Co	59	0.454	ug/L	0.011	2	5	2136	1	KED
⌊	Ni	60	14.709	ug/L	0.360	2	37	19998	1	KED
⌈	Ni	62	13.993	ug/L	0.280	1	6	3112	3	KED
⌊	Cu	63	4.456	ug/L	0.019	0	150	17833	0	KED
⌈	Cu	65	4.537	ug/L	0.069	1	82	9027	0	KED
⌊	Zn	66	11.120	ug/L	0.273	2	218	6416	1	KED
⌈	Zn	67	13.323	ug/L	0.505	3	32	1264	2	KED
⌊	As	75	0.224	ug/L	0.017	7	3	66	7	KED
	Se	78	0.123	ug/L	0.065	53	14	16	13	KED
	Y	89		ug/L			716574	641457	0	Standard
	Kr	83		ug/L			281	280	3	Standard
⌈>	In-1	115		ug/L			26143	22604	1	KED
⌈	Mo	98	2.492	ug/L	0.070	2	7	3719	1	KED
⌊	Cd	111	0.246	ug/L	0.007	2	4	86	3	KED
	Cd	114	0.223	ug/L	0.003	1	4	199	1	KED
⌈>	In	115		ug/L			1390988	1388877	2	Standard
⌈	Ag	107	0.003	ug/L	0.001	19	42	92	11	Standard
⌊	Sb	121	0.614	ug/L	0.010	1	401	13072	1	Standard
⌈	Sb	123	0.628	ug/L	0.007	1	306	10218	2	Standard
⌊	Ba	135	52.988	ug/L	1.274	2	72	386366	1	Standard
	Ba	137	51.849	ug/L	1.002	1	142	667922	0	Standard
⌈>	Tb	159		ug/L			2935826	2800949	0	Standard
⌈	Tl	205	-0.000	ug/L	0.000	71	144	106	21	Standard
⌊	Pb	208	0.067	ug/L	0.002	2	1069	8914	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:15:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1046533	1	Standard
[	Be	9	0.002	ug/L	0.001	50	4	17	40	Standard
	C	13		ug/L			26149	42305	1	Standard
	Cl	37		ug/L			7203780	6880060	1	Standard
[>	Sc	45		ug/L			1411304	1466388	1	Standard
[	V	51	0.381	ug/L	0.002	0	6817	19269	1	Standard
[	V-1	51	0.424	ug/L	0.004	0	591	14332	0	Standard
[	Cr	52	0.104	ug/L	0.007	7	20282	23930	1	Standard
[	Cr	53	0.253	ug/L	0.024	9	300	1125	5	Standard
[	Fe	54	10.584	ug/L	0.368	3	99061	135935	1	Standard
[	Fe	57	111.221	ug/L	1.840	1	23749	154946	2	Standard
[	Mn	55	38.105	ug/L	0.789	2	924	1585727	3	Standard
[>	Ge	72		ug/L			92215	83499	0	KED
[	Co	59	0.219	ug/L	0.005	2	5	1093	2	KED
[	Ni	60	0.118	ug/L	0.004	3	37	203	3	KED
[	Ni	62	0.113	ug/L	0.022	19	6	32	15	KED
[	Cu	63	0.205	ug/L	0.017	8	150	997	7	KED
[	Cu	65	0.208	ug/L	0.016	7	82	509	5	KED
[	Zn	66	0.499	ug/L	0.064	12	218	493	8	KED
[	Zn	67	1.418	ug/L	0.106	7	32	168	5	KED
[	As	75	0.068	ug/L	0.014	21	3	23	18	KED
[	Se	78	0.072	ug/L	0.058	80	14	15	12	KED
	Y	89		ug/L			716574	691026	0	Standard
	Kr	83		ug/L			281	252	14	Standard
[>	In-1	115		ug/L			26143	22711	1	KED
[	Mo	98	0.735	ug/L	0.021	2	7	1106	1	KED
[	Cd	111	0.094	ug/L	0.002	1	4	35	3	KED
[	Cd	114	0.097	ug/L	0.009	9	4	88	7	KED
[>	In	115		ug/L			1390988	1462390	2	Standard
[	Ag	107	0.002	ug/L	0.001	35	42	81	14	Standard
[	Sb	121	0.047	ug/L	0.004	8	401	1443	5	Standard
[	Sb	123	0.050	ug/L	0.003	5	306	1150	3	Standard
[	Ba	135	18.289	ug/L	0.282	1	72	140492	2	Standard
[	Ba	137	17.647	ug/L	0.208	1	142	239486	1	Standard
[>	Tb	159		ug/L			2935826	2851708	1	Standard
[	Tl	205	-0.000	ug/L	0.000	164	144	133	7	Standard
[	Pb	208	-0.002	ug/L	0.001	30	1069	815	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:20:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	997180	2	Standard
[	Be	9	0.003	ug/L	0.000	15	4	20	15	Standard
	C	13		ug/L			26149	39613	1	Standard
	Cl	37		ug/L			7203780	6778343	1	Standard
[>	Sc	45		ug/L			1411304	1412011	2	Standard
[	V	51	0.405	ug/L	0.013	3	6817	19289	0	Standard
[	V-1	51	0.442	ug/L	0.012	2	591	14355	0	Standard
[	Cr	52	0.258	ug/L	0.012	4	20282	27086	1	Standard
[	Cr	53	0.382	ug/L	0.009	2	300	1482	0	Standard
[	Fe	54	13.128	ug/L	1.800	13	99061	138448	1	Standard
[	Fe	57	118.780	ug/L	3.980	3	23749	157633	0	Standard
[	Mn	55	40.899	ug/L	0.921	2	924	1638170	1	Standard
[>	Ge	72		ug/L			92215	82467	1	KED
[	Co	59	0.230	ug/L	0.014	6	5	1134	5	KED
[	Ni	60	0.117	ug/L	0.012	9	37	200	9	KED
[	Ni	62	0.117	ug/L	0.054	45	6	33	39	KED
[	Cu	63	0.210	ug/L	0.013	6	150	1008	5	KED
[	Cu	65	0.214	ug/L	0.007	3	82	515	2	KED
[	Zn	66	0.580	ug/L	0.016	2	218	535	3	KED
[	Zn	67	1.447	ug/L	0.209	14	32	169	10	KED
[	As	75	0.075	ug/L	0.015	20	3	24	19	KED
[	Se	78	0.028	ug/L	0.046	163	14	14	11	KED
	Y	89		ug/L			716574	667804	1	Standard
	Kr	83		ug/L			281	281	3	Standard
[>	In-1	115		ug/L			26143	22786	1	KED
[	Mo	98	0.750	ug/L	0.062	8	7	1133	8	KED
[	Cd	111	0.089	ug/L	0.008	9	4	34	7	KED
[	Cd	114	0.094	ug/L	0.022	23	4	86	22	KED
[>	In	115		ug/L			1390988	1474467	0	Standard
[	Ag	107	0.002	ug/L	0.001	25	42	86	12	Standard
[	Sb	121	0.025	ug/L	0.002	7	401	963	3	Standard
[	Sb	123	0.023	ug/L	0.001	3	306	717	2	Standard
[	Ba	135	17.752	ug/L	0.128	0	72	137507	0	Standard
[	Ba	137	17.312	ug/L	0.087	0	142	236914	0	Standard
[>	Tb	159		ug/L			2935826	2851010	0	Standard
[	Tl	205	0.000	ug/L	0.000	22	144	166	3	Standard
[	Pb	208	-0.001	ug/L	0.000	15	1069	920	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:25:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	954077	1	Standard
	Be	9	23.864	ug/L	0.077	0	4	136876	1	Standard
	C	13		ug/L			26149	41156	1	Standard
	Cl	37		ug/L			7203780	6503467	0	Standard
>	Sc	45		ug/L			1411304	1361633	2	Standard
	V	51	23.417	ug/L	0.267	1	6817	701577	2	Standard
	V-1	51	23.448	ug/L	0.195	0	591	704297	2	Standard
	Cr	52	23.196	ug/L	0.200	0	20282	610213	2	Standard
	Cr	53	23.307	ug/L	0.279	1	300	69824	0	Standard
	Fe	54	4889.323	ug/L	24.271	0	99061	14257940	1	Standard
	Fe	57	5405.031	ug/L	45.106	0	23749	5900746	2	Standard
	Mn	55	70.168	ug/L	0.392	0	924	2710521	2	Standard
>	Ge	72		ug/L			92215	81433	0	KED
	Co	59	25.975	ug/L	0.151	0	5	125988	0	KED
	Ni	60	25.622	ug/L	0.477	1	37	35989	1	KED
	Ni	62	25.232	ug/L	0.810	3	6	5796	3	KED
	Cu	63	24.249	ug/L	0.278	1	150	99719	0	KED
	Cu	65	24.507	ug/L	0.342	1	82	50090	1	KED
	Zn	66	77.732	ug/L	0.672	0	218	45216	0	KED
	Zn	67	73.451	ug/L	1.053	1	32	7079	1	KED
	As	75	24.954	ug/L	0.474	1	3	7301	1	KED
	Se	78	76.460	ug/L	1.560	2	14	2499	1	KED
	Y	89		ug/L			716574	651035	0	Standard
	Kr	83		ug/L			281	302	6	Standard
>	In-1	115		ug/L			26143	22744	1	KED
	Mo	98	0.768	ug/L	0.049	6	7	1157	5	KED
	Cd	111	24.687	ug/L	0.342	1	4	8395	2	KED
	Cd	114	25.063	ug/L	0.406	1	4	22067	1	KED
>	In	115		ug/L			1390988	1419554	1	Standard
	Ag	107	26.293	ug/L	0.485	1	42	447583	1	Standard
	Sb	121	0.047	ug/L	0.003	7	401	1398	5	Standard
	Sb	123	0.048	ug/L	0.003	5	306	1085	4	Standard
	Ba	135	39.920	ug/L	0.473	1	72	297583	0	Standard
	Ba	137	38.655	ug/L	0.770	1	142	509011	0	Standard
>	Tb	159		ug/L			2935826	2776470	1	Standard
	Tl	205	26.343	ug/L	0.349	1	144	2353833	1	Standard
	Pb	208	23.168	ug/L	0.069	0	1069	2709571	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:31:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	978024	5	Standard
[	Be	9	24.010	ug/L	1.085	4	4	140965	2	Standard
	C	13		ug/L			26149	41141	0	Standard
	Cl	37		ug/L			7203780	6401140	0	Standard
[>	Sc	45		ug/L			1411304	1400018	0	Standard
[	V	51	23.517	ug/L	0.299	1	6817	724380	1	Standard
[	V-1	51	23.487	ug/L	0.302	1	591	725364	1	Standard
[	Cr	52	23.384	ug/L	0.311	1	20282	632234	0	Standard
[	Cr	53	23.293	ug/L	0.300	1	300	71756	0	Standard
[	Fe	54	4928.098	ug/L	60.171	1	99061	14775197	0	Standard
[	Fe	57	5437.238	ug/L	142.224	2	23749	6102443	1	Standard
[	Mn	55	69.992	ug/L	0.773	1	924	2779906	1	Standard
[>	Ge	72		ug/L			92215	81209	1	KED
[	Co	59	26.220	ug/L	0.152	0	5	126827	1	KED
[	Ni	60	25.628	ug/L	0.354	1	37	35893	0	KED
[	Ni	62	25.667	ug/L	0.093	0	6	5879	1	KED
[	Cu	63	24.637	ug/L	0.453	1	150	101014	0	KED
[	Cu	65	24.912	ug/L	0.320	1	82	50770	1	KED
[	Zn	66	78.965	ug/L	2.080	2	218	45790	1	KED
[	Zn	67	76.256	ug/L	0.700	0	32	7328	1	KED
[	As	75	25.393	ug/L	0.280	1	3	7409	1	KED
[	Se	78	77.924	ug/L	1.080	1	14	2539	1	KED
	Y	89		ug/L			716574	662639	1	Standard
	Kr	83		ug/L			281	316	11	Standard
[>	In-1	115		ug/L			26143	22562	1	KED
[	Mo	98	0.761	ug/L	0.035	4	7	1138	4	KED
[	Cd	111	24.813	ug/L	0.433	1	4	8369	0	KED
[	Cd	114	25.133	ug/L	0.193	0	4	21951	0	KED
[>	In	115		ug/L			1390988	1423784	1	Standard
[	Ag	107	26.941	ug/L	0.542	2	42	459976	1	Standard
[	Sb	121	0.048	ug/L	0.004	7	401	1422	6	Standard
[	Sb	123	0.056	ug/L	0.002	4	306	1215	2	Standard
[	Ba	135	41.426	ug/L	0.137	0	72	309763	0	Standard
[	Ba	137	40.313	ug/L	0.866	2	142	532471	1	Standard
[>	Tb	159		ug/L			2935826	2830228	1	Standard
[	Tl	205	26.409	ug/L	0.376	1	144	2405091	0	Standard
[	Pb	208	23.177	ug/L	0.663	2	1069	2762263	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLF
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:39:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1095889	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.001	681	4	3	100	Standard
	C	**13**		ug/L			26149	23792	1	Standard
	Cl	**37**		ug/L			7203780	7532139	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1383232	2	Standard
⎢	**V**	**51**	**-0.013**	ug/L	0.005	38	6817	6280	2	Standard
⎢	**V-1**	**51**	**-0.005**	ug/L	0.001	12	591	438	5	Standard
⎢	**Cr**	**52**	**-0.054**	ug/L	0.021	38	20282	18480	2	Standard
⎢	**Cr**	**53**	**-0.025**	ug/L	0.002	9	300	220	1	Standard
⎢	**Fe**	**54**	**-2.221**	ug/L	0.407	18	99061	90539	1	Standard
⎢	**Fe**	**57**	**-3.635**	ug/L	0.321	8	23749	19257	1	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.001	33	924	794	3	Standard
⌈>	**Ge**	**72**		ug/L			92215	86709	2	KED
⎢	**Co**	**59**	**-0.000**	ug/L	0.001	379	5	3	86	KED
⎢	**Ni**	**60**	**-0.008**	ug/L	0.008	101	37	22	52	KED
⎢	**Ni**	**62**	**-0.001**	ug/L	0.015	1155	6	5	66	KED
⎢	**Cu**	**63**	**-0.017**	ug/L	0.003	15	150	68	14	KED
⎢	**Cu**	**65**	**-0.015**	ug/L	0.002	16	82	45	12	KED
⎢	**Zn**	**66**	**-0.173**	ug/L	0.037	21	218	99	25	KED
⎢	**Zn**	**67**	**-0.085**	ug/L	0.109	128	32	21	48	KED
⎢	**As**	**75**	**-0.002**	ug/L	0.002	87	3	2	24	KED
⌊	**Se**	**78**	**-0.100**	ug/L	0.050	49	14	10	15	KED
	Y	**89**		ug/L			716574	674505	2	Standard
	Kr	**83**		ug/L			281	300	8	Standard
⌈>	**In-1**	**115**		ug/L			26143	24727	1	KED
⎢	**Mo**	**98**	**-0.002**	ug/L	0.003	147	7	4	108	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.004	76	4	2	65	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.003	183	4	2	126	KED
⌈>	**In**	**115**		ug/L			1390988	1464083	2	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.000	38	42	64	13	Standard
⎢	**Sb**	**121**	**-0.016**	ug/L	0.000	1	401	73	10	Standard
⎢	**Sb**	**123**	**-0.015**	ug/L	0.000	2	306	66	13	Standard
⎢	**Ba**	**135**	**-0.005**	ug/L	0.001	20	72	38	18	Standard
⌊	**Ba**	**137**	**-0.007**	ug/L	0.001	11	142	56	15	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2783865	1	Standard
⎢	**Tl**	**205**	**-0.000**	ug/L	0.000	33	144	118	4	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	14	1069	690	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:44:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1081102	2	Standard
	Be	**9**	**49.064**	ug/L	1.308	2	4	318831	2	Standard
	C	**13**		ug/L			26149	24619	1	Standard
	Cl	**37**		ug/L			7203780	7595046	0	Standard
>	**Sc**	**45**		ug/L			1411304	1398202	0	Standard
	V	**51**	**48.942**	ug/L	0.676	1	6817	1498343	1	Standard
	V-1	**51**	**49.099**	ug/L	0.593	1	591	1513803	1	Standard
	Cr	**52**	**49.257**	ug/L	0.052	0	20282	1307880	0	Standard
	Cr	**53**	**49.752**	ug/L	0.620	1	300	152734	0	Standard
	Fe	**54**	**5270.137**	ug/L	7.696	0	99061	15774432	0	Standard
	Fe	**57**	**5489.970**	ug/L	62.447	1	23749	6154269	1	Standard
	Mn	**55**	**54.384**	ug/L	0.452	0	924	2157317	0	Standard
>	**Ge**	**72**		ug/L			92215	91185	0	KED
	Co	**59**	**49.638**	ug/L	0.255	0	5	269590	0	KED
	Ni	**60**	**49.680**	ug/L	0.312	0	37	78103	0	KED
	Ni	**62**	**48.835**	ug/L	0.348	0	6	12555	0	KED
	Cu	**63**	**49.339**	ug/L	0.200	0	150	227049	0	KED
	Cu	**65**	**49.787**	ug/L	0.562	1	82	113858	0	KED
	Zn	**66**	**51.280**	ug/L	0.600	1	218	33474	1	KED
	Zn	**67**	**50.419**	ug/L	0.854	1	32	5451	1	KED
	As	**75**	**48.547**	ug/L	0.333	0	3	15904	1	KED
	Se	**78**	**47.999**	ug/L	0.599	1	14	1762	1	KED
	Y	**89**		ug/L			716574	697636	1	Standard
	Kr	**83**		ug/L			281	327	7	Standard
>	**In-1**	**115**		ug/L			26143	24560	0	KED
	Mo	**98**	**49.531**	ug/L	0.478	0	7	80198	1	KED
	Cd	**111**	**50.418**	ug/L	0.919	1	4	18509	1	KED
	Cd	**114**	**50.070**	ug/L	0.777	1	4	47601	1	KED
>	**In**	**115**		ug/L			1390988	1450668	2	Standard
	Ag	**107**	**50.857**	ug/L	0.796	1	42	884629	2	Standard
	Sb	**121**	**51.063**	ug/L	0.893	1	401	1101535	0	Standard
	Sb	**123**	**51.644**	ug/L	1.004	1	306	851878	2	Standard
	Ba	**135**	**45.197**	ug/L	0.935	2	72	344219	0	Standard
	Ba	**137**	**44.672**	ug/L	1.186	2	142	601004	1	Standard
>	**Tb**	**159**		ug/L			2935826	2961152	0	Standard
	Tl	**205**	**51.348**	ug/L	0.443	0	144	4893402	1	Standard
	Pb	**208**	**48.998**	ug/L	0.227	0	1069	6110445	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:51:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1064041	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	1249	4	4	65	Standard
	C	**13**		ug/L			26149	24826	2	Standard
	Cl	**37**		ug/L			7203780	7484780	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1361108	0	Standard
⌈	**V**	**51**	**-0.021**	ug/L	0.004	20	6817	5937	2	Standard
⌊	**V-1**	**51**	**-0.006**	ug/L	0.000	2	591	402	0	Standard
⌈	**Cr**	**52**	**-0.079**	ug/L	0.011	14	20282	17553	1	Standard
⌊	**Cr**	**53**	**-0.026**	ug/L	0.003	12	300	213	4	Standard
⌈	**Fe**	**54**	**-1.084**	ug/L	0.663	61	99061	92396	1	Standard
⌊	**Fe**	**57**	**-3.933**	ug/L	0.241	6	23749	18628	1	Standard
	Mn	**55**	**0.002**	ug/L	0.000	24	924	959	1	Standard
⌈>	**Ge**	**72**		ug/L			92215	89417	0	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.000	52	5	6	15	KED
⌊	**Ni**	**60**	**-0.004**	ug/L	0.001	33	37	30	6	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.012	350	6	6	41	KED
⌈	**Cu**	**63**	**-0.002**	ug/L	0.005	243	150	136	17	KED
⌊	**Cu**	**65**	**-0.002**	ug/L	0.005	267	82	75	16	KED
⌈	**Zn**	**66**	**0.013**	ug/L	0.028	213	218	220	8	KED
⌊	**Zn**	**67**	**0.003**	ug/L	0.084	2439	32	31	27	KED
⌈	**As**	**75**	**0.004**	ug/L	0.004	91	3	4	29	KED
⌊	**Se**	**78**	**-0.059**	ug/L	0.074	125	14	12	22	KED
	Y	**89**		ug/L			716574	693103	1	Standard
	Kr	**83**		ug/L			281	276	5	Standard
⌈>	**In-1**	**115**		ug/L			26143	24432	1	KED
⌈	**Mo**	**98**	**0.006**	ug/L	0.002	41	7	16	24	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.003	73	4	2	33	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	108	4	3	35	KED
⌈>	**In**	**115**		ug/L			1390988	1418302	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.000	16	42	69	5	Standard
⌈	**Sb**	**121**	**0.041**	ug/L	0.002	5	401	1270	3	Standard
⌊	**Sb**	**123**	**0.044**	ug/L	0.003	7	306	1013	4	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.000	34	72	84	5	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.002	326	142	152	15	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2881992	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	16	144	233	7	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	14	1069	646	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0298-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 06:56:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1188049	2	Standard
[	Be	9	0.000	ug/L	0.001	171	4	7	66	Standard
	C	13		ug/L			26149	81474	1	Standard
	Cl	37		ug/L			7203780	6798980	0	Standard
[>	Sc	45		ug/L			1411304	1298929	0	Standard
[	V	51	1.041	ug/L	0.039	3	6817	35751	3	Standard
[	V-1	51	1.302	ug/L	0.007	0	591	37826	0	Standard
[	Cr	52	15.274	ug/L	0.407	2	20282	389640	2	Standard
[	Cr	53	15.604	ug/L	0.342	2	300	44692	2	Standard
[	Fe	54	59.398	ug/L	0.911	1	99061	255305	0	Standard
[	Fe	57	104.349	ug/L	1.074	1	23749	130111	0	Standard
[	Mn	55	8.394	ug/L	0.037	0	924	310064	0	Standard
[>	Ge	72		ug/L			92215	75379	0	KED
[	Co	59	0.533	ug/L	0.016	2	5	2398	2	KED
[	Ni	60	1.241	ug/L	0.033	2	37	1643	2	KED
[	Ni	62	1.299	ug/L	0.036	2	6	281	3	KED
[	Cu	63	31.047	ug/L	0.424	1	150	118150	1	KED
[	Cu	65	31.636	ug/L	0.277	0	82	59834	0	KED
[	Zn	66	11.213	ug/L	0.257	2	218	6189	1	KED
[	Zn	67	10.019	ug/L	0.176	1	32	916	2	KED
[	As	75	0.103	ug/L	0.017	16	3	30	15	KED
[	Se	78	0.068	ug/L	0.060	87	14	14	13	KED
	Y	89		ug/L			716574	630175	1	Standard
	Kr	83		ug/L			281	277	6	Standard
[>	In-1	115		ug/L			26143	21075	0	KED
[	Mo	98	29.270	ug/L	0.181	0	7	40669	0	KED
[	Cd	111	0.231	ug/L	0.026	11	4	76	10	KED
[	Cd	114	0.292	ug/L	0.009	3	4	241	3	KED
[>	In	115		ug/L			1390988	1314871	0	Standard
[	Ag	107	0.006	ug/L	0.001	10	42	138	8	Standard
[	Sb	121	0.563	ug/L	0.007	1	401	11396	1	Standard
[	Sb	123	0.572	ug/L	0.005	0	306	8833	0	Standard
[	Ba	135	0.815	ug/L	0.010	1	72	5694	0	Standard
[	Ba	137	0.790	ug/L	0.006	0	142	9769	0	Standard
[>	Tb	159		ug/L			2935826	2701922	0	Standard
[	Tl	205	0.012	ug/L	0.001	7	144	1145	6	Standard
[	Pb	208	0.021	ug/L	0.000	1	1069	3393	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0298-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:01:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	1204408	2	Standard
	Be	9	0.000	ug/L	0.000	1176	4	5	57	Standard
	C	13		ug/L			26149	77806	0	Standard
	Cl	37		ug/L			7203780	6598052	1	Standard
>	Sc	45		ug/L			1411304	1275762	1	Standard
	V	51	1.217	ug/L	0.019	1	6817	40017	3	Standard
	V-1	51	1.410	ug/L	0.002	0	591	40195	1	Standard
	Cr	52	9.812	ug/L	0.084	0	20282	252391	1	Standard
	Cr	53	10.126	ug/L	0.110	1	300	28577	0	Standard
	Fe	54	31.951	ug/L	0.965	3	99061	176235	0	Standard
	Fe	57	77.078	ug/L	1.887	2	23749	99983	0	Standard
	Mn	55	8.000	ug/L	0.121	1	924	290268	2	Standard
>	Ge	72		ug/L			92215	75565	0	KED
	Co	59	0.932	ug/L	0.015	1	5	4201	2	KED
	Ni	60	1.035	ug/L	0.014	1	37	1378	1	KED
	Ni	62	1.037	ug/L	0.082	7	6	226	6	KED
	Cu	63	24.696	ug/L	0.202	0	150	94241	1	KED
	Cu	65	24.996	ug/L	0.000	0	82	47407	0	KED
	Zn	66	8.494	ug/L	0.120	1	218	4744	1	KED
	Zn	67	8.147	ug/L	0.295	3	32	752	3	KED
	As	75	0.083	ug/L	0.007	8	3	24	7	KED
	Se	78	0.131	ug/L	0.095	72	14	15	18	KED
	Y	89		ug/L			716574	625152	2	Standard
	Kr	83		ug/L			281	292	11	Standard
>	In-1	115		ug/L			26143	20747	1	KED
	Mo	98	21.798	ug/L	0.167	0	7	29816	0	KED
	Cd	111	0.219	ug/L	0.004	1	4	71	1	KED
	Cd	114	0.236	ug/L	0.042	17	4	192	16	KED
>	In	115		ug/L			1390988	1345732	0	Standard
	Ag	107	0.004	ug/L	0.001	17	42	101	10	Standard
	Sb	121	0.376	ug/L	0.004	0	401	7915	0	Standard
	Sb	123	0.383	ug/L	0.009	2	306	6156	2	Standard
	Ba	135	0.687	ug/L	0.010	1	72	4925	0	Standard
	Ba	137	0.673	ug/L	0.004	0	142	8540	1	Standard
>	Tb	159		ug/L			2935826	2692240	0	Standard
	Tl	205	0.007	ug/L	0.001	10	144	748	9	Standard
	Pb	208	0.012	ug/L	0.000	3	1069	2356	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0298-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:06:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1267399	2	Standard
[	Be	9	0.001	ug/L	0.000	71	4	9	34	Standard
	C	13		ug/L			26149	49264	0	Standard
	Cl	37		ug/L			7203780	6565114	1	Standard
[>	Sc	45		ug/L			1411304	1279380	0	Standard
[	V	51	0.877	ug/L	0.041	4	6817	30629	4	Standard
[	V-1	51	1.124	ug/L	0.018	1	591	32236	1	Standard
[	Cr	52	15.909	ug/L	0.192	1	20282	398965	1	Standard
[	Cr	53	16.167	ug/L	0.206	1	300	45597	0	Standard
[	Fe	54	36.055	ug/L	0.626	1	99061	187927	0	Standard
[	Fe	57	90.038	ug/L	0.264	0	23749	113529	0	Standard
[	Mn	55	5.635	ug/L	0.057	1	924	205284	0	Standard
[>	Ge	72		ug/L			92215	75374	0	KED
[	Co	59	0.977	ug/L	0.025	2	5	4391	2	KED
[	Ni	60	0.753	ug/L	0.030	4	37	1008	3	KED
[	Ni	62	0.818	ug/L	0.104	12	6	179	12	KED
[	Cu	63	8.379	ug/L	0.122	1	150	31975	0	KED
[	Cu	65	8.481	ug/L	0.055	0	82	16088	0	KED
[	Zn	66	7.033	ug/L	0.057	0	218	3949	0	KED
[	Zn	67	6.941	ug/L	0.218	3	32	643	2	KED
[	As	75	0.062	ug/L	0.009	15	3	19	12	KED
[	Se	78	0.060	ug/L	0.108	181	14	13	23	KED
	Y	89		ug/L			716574	628926	0	Standard
	Kr	83		ug/L			281	290	1	Standard
[>	In-1	115		ug/L			26143	20646	0	KED
[	Mo	98	18.296	ug/L	0.167	0	7	24906	0	KED
[	Cd	111	0.025	ug/L	0.009	35	4	11	24	KED
[	Cd	114	0.021	ug/L	0.004	19	4	20	16	KED
[>	In	115		ug/L			1390988	1323434	1	Standard
[	Ag	107	0.002	ug/L	0.001	43	42	72	17	Standard
[	Sb	121	0.312	ug/L	0.001	0	401	6514	1	Standard
[	Sb	123	0.312	ug/L	0.006	1	306	4979	1	Standard
[	Ba	135	0.843	ug/L	0.017	1	72	5928	0	Standard
[	Ba	137	0.831	ug/L	0.002	0	142	10333	1	Standard
[>	Tb	159		ug/L			2935826	2698645	0	Standard
[	Tl	205	0.010	ug/L	0.000	2	144	1033	1	Standard
[	Pb	208	0.008	ug/L	0.000	5	1069	1913	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0233-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:12:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1152100	2	Standard
[	Be	9	0.000	ug/L	0.000	167	4	6	45	Standard
	C	13		ug/L			26149	58301	0	Standard
	Cl	37		ug/L			7203780	6643436	0	Standard
[>	Sc	45		ug/L			1411304	1270687	1	Standard
[	V	51	1.071	ug/L	0.014	1	6817	35805	2	Standard
[	V-1	51	1.298	ug/L	0.025	1	591	36890	1	Standard
[	Cr	52	18.187	ug/L	0.306	1	20282	450310	0	Standard
[	Cr	53	18.304	ug/L	0.371	2	300	51232	0	Standard
[	Fe	54	40.030	ug/L	1.217	3	99061	197368	0	Standard
[	Fe	57	91.988	ug/L	2.032	2	23749	114717	0	Standard
[	Mn	55	5.012	ug/L	0.122	2	924	181401	1	Standard
[>	Ge	72		ug/L			92215	75165	0	KED
[	Co	59	0.052	ug/L	0.002	3	5	236	4	KED
[	Ni	60	0.481	ug/L	0.027	5	37	653	5	KED
[	Ni	62	0.569	ug/L	0.060	10	6	125	10	KED
[	Cu	63	7.661	ug/L	0.157	2	150	29168	2	KED
[	Cu	65	7.945	ug/L	0.110	1	82	15035	1	KED
[	Zn	66	2.799	ug/L	0.085	3	218	1674	2	KED
[	Zn	67	2.510	ug/L	0.201	8	32	248	7	KED
[	As	75	0.091	ug/L	0.009	10	3	26	8	KED
[	Se	78	0.166	ug/L	0.112	67	14	16	20	KED
	Y	89		ug/L			716574	626065	1	Standard
	Kr	83		ug/L			281	302	4	Standard
[>	In-1	115		ug/L			26143	21237	3	KED
[	Mo	98	277.167	ug/L	5.739	2	7	387830	1	KED
[	Cd	111	0.069	ug/L	0.024	35	4	25	31	KED
[	Cd	114	0.044	ug/L	0.017	38	4	38	31	KED
[>	In	115		ug/L			1390988	1314174	2	Standard
[	Ag	107	0.003	ug/L	0.001	47	42	84	24	Standard
[	Sb	121	0.262	ug/L	0.003	1	401	5507	2	Standard
[	Sb	123	0.259	ug/L	0.010	3	306	4160	4	Standard
[	Ba	135	0.737	ug/L	0.018	2	72	5152	1	Standard
[	Ba	137	0.708	ug/L	0.006	0	142	8769	1	Standard
[>	Tb	159		ug/L			2935826	2697122	0	Standard
[	Tl	205	0.011	ug/L	0.000	3	144	1048	3	Standard
[	Pb	208	0.007	ug/L	0.000	5	1069	1730	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0233-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:17:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1190916	2	Standard
[	Be	9	-0.000	ug/L	0.000	67	4	1	100	Standard
	C	13		ug/L			26149	59554	3	Standard
	Cl	37		ug/L			7203780	6508874	0	Standard
[>	Sc	45		ug/L			1411304	1274763	0	Standard
[	V	51	0.957	ug/L	0.044	4	6817	32731	3	Standard
[	V-1	51	1.171	ug/L	0.023	1	591	33442	1	Standard
[	Cr	52	8.372	ug/L	0.077	0	20282	217870	0	Standard
[	Cr	53	8.797	ug/L	0.061	0	300	24846	0	Standard
[	Fe	54	37.553	ug/L	1.646	4	99061	191295	1	Standard
[	Fe	57	90.268	ug/L	1.782	1	23749	113344	0	Standard
[	Mn	55	6.205	ug/L	0.044	0	924	225167	0	Standard
[>	Ge	72		ug/L			92215	75342	0	KED
[	Co	59	0.153	ug/L	0.002	1	5	692	1	KED
[	Ni	60	0.755	ug/L	0.017	2	37	1010	1	KED
[	Ni	62	0.875	ug/L	0.097	11	6	191	10	KED
[	Cu	63	13.833	ug/L	0.125	0	150	52684	1	KED
[	Cu	65	13.843	ug/L	0.183	1	82	26206	1	KED
[	Zn	66	5.538	ug/L	0.170	3	218	3146	3	KED
[	Zn	67	5.614	ug/L	0.126	2	32	525	2	KED
[	As	75	0.077	ug/L	0.012	15	3	23	13	KED
[	Se	78	0.103	ug/L	0.054	52	14	15	10	KED
	Y	89		ug/L			716574	625113	0	Standard
	Kr	83		ug/L			281	296	6	Standard
[>	In-1	115		ug/L			26143	21133	2	KED
[	Mo	98	139.083	ug/L	2.286	1	7	193716	0	KED
[	Cd	111	0.027	ug/L	0.017	65	4	12	47	KED
[	Cd	114	0.023	ug/L	0.010	42	4	22	33	KED
[>	In	115		ug/L			1390988	1330900	0	Standard
[	Ag	107	0.001	ug/L	0.001	80	42	57	23	Standard
[	Sb	121	0.294	ug/L	0.004	1	401	6211	1	Standard
[	Sb	123	0.298	ug/L	0.007	2	306	4807	1	Standard
[	Ba	135	0.723	ug/L	0.019	2	72	5122	2	Standard
[	Ba	137	0.703	ug/L	0.020	2	142	8813	2	Standard
[>	Tb	159		ug/L			2935826	2682955	0	Standard
[	Tl	205	0.011	ug/L	0.000	1	144	1079	2	Standard
[	Pb	208	0.005	ug/L	0.000	5	1069	1596	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0233-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:21:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1228809	2	Standard
[	Be	9	0.000	ug/L	0.000	229	4	5	33	Standard
	C	13		ug/L			26149	55542	1	Standard
	Cl	37		ug/L			7203780	6586242	1	Standard
[>	Sc	45		ug/L			1411304	1275379	1	Standard
[	V	51	0.917	ug/L	0.028	3	6817	31649	1	Standard
[	V-1	51	1.101	ug/L	0.013	1	591	31497	2	Standard
[	Cr	52	9.055	ug/L	0.129	1	20282	234247	0	Standard
[	Cr	53	9.356	ug/L	0.189	2	300	26421	2	Standard
[	Fe	54	36.399	ug/L	1.211	3	99061	188262	1	Standard
[	Fe	57	90.435	ug/L	1.782	1	23749	113573	1	Standard
[	Mn	55	7.635	ug/L	0.123	1	924	276977	1	Standard
[>	Ge	72		ug/L			92215	77219	0	KED
[	Co	59	0.250	ug/L	0.003	1	5	1151	1	KED
[	Ni	60	1.027	ug/L	0.055	5	37	1398	5	KED
[	Ni	62	1.084	ug/L	0.062	5	6	241	5	KED
[	Cu	63	19.018	ug/L	0.130	0	150	74190	0	KED
[	Cu	65	19.214	ug/L	0.243	1	82	37254	0	KED
[	Zn	66	10.341	ug/L	0.138	1	218	5862	1	KED
[	Zn	67	10.116	ug/L	0.297	2	32	947	2	KED
[	As	75	0.069	ug/L	0.015	21	3	21	19	KED
[	Se	78	0.129	ug/L	0.131	101	14	16	24	KED
	Y	89		ug/L			716574	613648	2	Standard
	Kr	83		ug/L			281	295	13	Standard
[>	In-1	115		ug/L			26143	21151	0	KED
[	Mo	98	71.845	ug/L	0.788	1	7	100170	0	KED
[	Cd	111	0.035	ug/L	0.008	24	4	14	18	KED
[	Cd	114	0.018	ug/L	0.008	45	4	18	37	KED
[>	In	115		ug/L			1390988	1323722	1	Standard
[	Ag	107	0.001	ug/L	0.001	98	42	60	33	Standard
[	Sb	121	0.339	ug/L	0.006	1	401	7058	2	Standard
[	Sb	123	0.345	ug/L	0.005	1	306	5482	1	Standard
[	Ba	135	0.735	ug/L	0.011	1	72	5177	1	Standard
[	Ba	137	0.724	ug/L	0.001	0	142	9025	1	Standard
[>	Tb	159		ug/L			2935826	2666253	1	Standard
[	Tl	205	0.012	ug/L	0.000	1	144	1179	1	Standard
[	Pb	208	0.009	ug/L	0.000	4	1069	1993	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0233-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:26:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1226172	4	Standard
[	Be	9	-0.000	ug/L	0.000	291	4	3	86	Standard
	C	13		ug/L			26149	50710	1	Standard
	Cl	37		ug/L			7203780	6582809	0	Standard
[>	Sc	45		ug/L			1411304	1303385	2	Standard
[	V	51	0.801	ug/L	0.026	3	6817	29049	2	Standard
[	V-1	51	0.941	ug/L	0.008	0	591	27577	1	Standard
[	Cr	52	6.595	ug/L	0.073	1	20282	179428	1	Standard
[	Cr	53	6.837	ug/L	0.090	1	300	19804	1	Standard
[	Fe	54	25.330	ug/L	1.328	5	99061	161676	0	Standard
[	Fe	57	78.322	ug/L	1.207	1	23749	103448	0	Standard
[	Mn	55	5.473	ug/L	0.115	2	924	203096	0	Standard
[>	Ge	72		ug/L			92215	78428	0	KED
[	Co	59	0.169	ug/L	0.002	1	5	795	0	KED
[	Ni	60	0.830	ug/L	0.010	1	37	1153	0	KED
[	Ni	62	0.866	ug/L	0.019	2	6	196	2	KED
[	Cu	63	13.648	ug/L	0.173	1	150	54109	1	KED
[	Cu	65	13.665	ug/L	0.135	0	82	26930	0	KED
[	Zn	66	8.200	ug/L	0.095	1	218	4760	1	KED
[	Zn	67	7.186	ug/L	0.409	5	32	692	6	KED
[	As	75	0.064	ug/L	0.014	21	3	20	18	KED
[	Se	78	0.103	ug/L	0.091	88	14	15	18	KED
	Y	89		ug/L			716574	629828	0	Standard
	Kr	83		ug/L			281	303	1	Standard
[>	In-1	115		ug/L			26143	21769	0	KED
[	Mo	98	39.099	ug/L	0.539	1	7	56112	1	KED
[	Cd	111	0.017	ug/L	0.010	60	4	9	36	KED
[	Cd	114	0.012	ug/L	0.001	10	4	13	7	KED
[>	In	115		ug/L			1390988	1310838	2	Standard
[	Ag	107	0.001	ug/L	0.000	50	42	53	10	Standard
[	Sb	121	0.479	ug/L	0.015	3	401	9707	0	Standard
[	Sb	123	0.479	ug/L	0.022	4	306	7418	1	Standard
[	Ba	135	0.689	ug/L	0.024	3	72	4805	2	Standard
[	Ba	137	0.693	ug/L	0.029	4	142	8556	1	Standard
[>	Tb	159		ug/L			2935826	2732296	2	Standard
[	Tl	205	0.010	ug/L	0.000	3	144	1033	1	Standard
[	Pb	208	0.004	ug/L	0.000	3	1069	1434	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0131-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:32:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	989155	1	Standard
[	Be	9	0.064	ug/L	0.006	9	4	383	11	Standard
	C	13		ug/L			26149	187016	1	Standard
	Cl	37		ug/L			7203780	6273272	0	Standard
[>	Sc	45		ug/L			1411304	1469443	1	Standard
[	V	51	0.854	ug/L	0.016	1	6817	34449	0	Standard
[	V-1	51	0.884	ug/L	0.010	1	591	29240	0	Standard
[	Cr	52	2.274	ug/L	0.044	1	20282	83587	0	Standard
[	Cr	53	2.319	ug/L	0.012	0	300	7779	0	Standard
[	Fe	54	140.570	ug/L	2.204	1	99061	542529	0	Standard
[	Fe	57	164.510	ug/L	2.703	1	23749	217778	0	Standard
[	Mn	55	10.263	ug/L	0.204	1	924	428653	2	Standard
[>	Ge	72		ug/L			92215	77006	12	KED
[	Co	59	0.065	ug/L	0.004	5	5	301	7	KED
[	Ni	60	1.836	ug/L	0.268	14	37	2437	1	KED
[	Ni	62	1.898	ug/L	0.250	13	6	412	2	KED
[	Cu	63	16.686	ug/L	1.903	11	150	64292	2	KED
[	Cu	65	16.711	ug/L	1.696	10	82	32039	3	KED
[	Zn	66	16.564	ug/L	2.115	12	218	9155	2	KED
[	Zn	67	38.397	ug/L	5.530	14	32	3469	1	KED
[	As	75	0.751	ug/L	0.137	18	3	207	4	KED
[	Se	78	0.040	ug/L	0.114	287	14	13	18	KED
	Y	89		ug/L			716574	657095	1	Standard
	Kr	83		ug/L			281	306	4	Standard
[>	In-1	115		ug/L			26143	22747	0	KED
[	Mo	98	0.711	ug/L	0.021	2	7	1072	2	KED
[	Cd	111	0.362	ug/L	0.007	2	4	126	2	KED
[	Cd	114	0.010	ug/L	0.004	39	4	12	27	KED
[>	In	115		ug/L			1390988	1341925	0	Standard
[	Ag	107	20.667	ug/L	0.163	0	42	332613	0	Standard
[	Sb	121	1.996	ug/L	0.035	1	401	40223	2	Standard
[	Sb	123	2.040	ug/L	0.039	1	306	31417	2	Standard
[	Ba	135	387.482	ug/L	5.311	1	72	2730206	1	Standard
[	Ba	137	368.309	ug/L	3.314	0	142	4584532	0	Standard
[>	Tb	159		ug/L			2935826	2902789	0	Standard
[	Tl	205	0.006	ug/L	0.000	1	144	713	1	Standard
[	Pb	208	2.692	ug/L	0.025	0	1069	330125	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0135-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:39:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1087614	1	Standard
[	Be	9	0.000	ug/L	0.000	295	4	5	43	Standard
	C	13		ug/L			26149	470161	1	Standard
	Cl	37		ug/L			7203780	7155015	0	Standard
[>	Sc	45		ug/L			1411304	1232278	2	Standard
[	V	51	0.303	ug/L	0.037	12	6817	14117	9	Standard
[	V-1	51	0.200	ug/L	0.004	1	591	5959	1	Standard
[	Cr	52	6.212	ug/L	0.051	0	20282	160843	2	Standard
[	Cr	53	5.670	ug/L	0.137	2	300	15566	0	Standard
[	Fe	54	1555.503	ug/L	43.549	2	99061	4162154	0	Standard
[	Fe	57	2394.605	ug/L	48.912	2	23749	2376604	1	Standard
[	Mn	55	61.103	ug/L	1.951	3	924	2137202	5	Standard
[>	Ge	72		ug/L			92215	74614	1	KED
[	Co	59	0.817	ug/L	0.024	2	5	3634	3	KED
[	Ni	60	13.819	ug/L	0.278	2	37	17800	2	KED
[	Ni	62	14.055	ug/L	0.179	1	6	2960	2	KED
[	Cu	63	1.013	ug/L	0.003	0	150	3933	1	KED
[	Cu	65	1.021	ug/L	0.018	1	82	1976	0	KED
[	Zn	66	12.866	ug/L	0.305	2	218	7006	3	KED
[	Zn	67	13.357	ug/L	0.689	5	32	1201	5	KED
[	As	75	0.398	ug/L	0.019	4	3	109	3	KED
[	Se	78	0.099	ug/L	0.048	48	14	14	9	KED
	Y	89		ug/L			716574	613581	1	Standard
	Kr	83		ug/L			281	260	7	Standard
[>	In-1	115		ug/L			26143	21064	1	KED
[	Mo	98	5.408	ug/L	0.120	2	7	7515	1	KED
[	Cd	111	0.055	ug/L	0.020	36	4	20	29	KED
[	Cd	114	0.059	ug/L	0.007	12	4	51	12	KED
[>	In	115		ug/L			1390988	1284712	0	Standard
[	Ag	107	0.005	ug/L	0.001	13	42	122	8	Standard
[	Sb	121	0.199	ug/L	0.010	4	401	4172	5	Standard
[	Sb	123	0.206	ug/L	0.005	2	306	3294	1	Standard
[	Ba	135	16.623	ug/L	0.250	1	72	112191	1	Standard
[	Ba	137	16.188	ug/L	0.311	1	142	193021	1	Standard
[>	Tb	159		ug/L			2935826	2704614	0	Standard
[	Tl	205	-0.001	ug/L	0.000	24	144	80	15	Standard
[	Pb	208	0.017	ug/L	0.001	3	1069	2933	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLG
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:47:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1119521	3	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	238	4	3	91	Standard
	C	**13**		ug/L			26149	29512	1	Standard
	Cl	**37**		ug/L			7203780	8021649	1	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1382004	0	Standard
⌈	**V**	**51**	**-0.006**	ug/L	0.004	61	6817	6499	1	Standard
⌈	**V-1**	**51**	**-0.006**	ug/L	0.001	10	591	401	4	Standard
⌈	**Cr**	**52**	**-0.020**	ug/L	0.012	59	20282	19339	1	Standard
⌈	**Cr**	**53**	**-0.020**	ug/L	0.005	27	300	235	6	Standard
⌈	**Fe**	**54**	**-1.528**	ug/L	0.202	13	99061	92513	0	Standard
⌈	**Fe**	**57**	**-2.380**	ug/L	0.076	3	23749	20629	0	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.000	22	924	985	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	86731	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	798	5	4	65	KED
⌈	**Ni**	**60**	**-0.003**	ug/L	0.007	215	37	30	32	KED
⌈	**Ni**	**62**	**0.017**	ug/L	0.008	49	6	10	21	KED
⌈	**Cu**	**63**	**-0.013**	ug/L	0.005	40	150	83	26	KED
⌈	**Cu**	**65**	**-0.018**	ug/L	0.005	29	82	39	29	KED
⌈	**Zn**	**66**	**-0.168**	ug/L	0.018	10	218	101	10	KED
⌈	**Zn**	**67**	**-0.148**	ug/L	0.066	44	32	15	43	KED
⌈	**As**	**75**	**0.002**	ug/L	0.002	95	3	3	14	KED
⌊	**Se**	**78**	**-0.098**	ug/L	0.081	82	14	10	27	KED
	Y	**89**		ug/L			716574	667428	1	Standard
	Kr	**83**		ug/L			281	255	3	Standard
⌈>	**In-1**	**115**		ug/L			26143	23361	0	KED
⌈	**Mo**	**98**	**-0.001**	ug/L	0.002	149	7	4	67	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.006	281	4	3	69	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	83	4	2	49	KED
⌈>	**In**	**115**		ug/L			1390988	1400353	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	283	42	38	29	Standard
⌈	**Sb**	**121**	**-0.016**	ug/L	0.000	1	401	63	7	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.000	2	306	50	11	Standard
⌈	**Ba**	**135**	**-0.003**	ug/L	0.001	20	72	48	9	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.000	4	142	59	6	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2744963	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	10	144	51	19	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	12	1069	633	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVH
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:52:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1107522	2	Standard
[	**Be**	**9**	**48.753**	ug/L	1.380	2	4	324437	0	Standard
	C	**13**		ug/L			26149	25692	2	Standard
	Cl	**37**		ug/L			7203780	7476323	0	Standard
[>	**Sc**	**45**		ug/L			1411304	1390643	1	Standard
[	**V**	**51**	**49.611**	ug/L	0.649	1	6817	1510490	1	Standard
[	**V-1**	**51**	**49.804**	ug/L	0.460	0	591	1527206	1	Standard
[	**Cr**	**52**	**49.665**	ug/L	0.851	1	20282	1311552	2	Standard
[	**Cr**	**53**	**50.283**	ug/L	0.880	1	300	153551	2	Standard
[	**Fe**	**54**	**5265.526**	ug/L	59.213	1	99061	15676381	1	Standard
[	**Fe**	**57**	**5480.255**	ug/L	111.415	2	23749	6110681	2	Standard
[	**Mn**	**55**	**53.667**	ug/L	3.135	5	924	2118256	6	Standard
[>	**Ge**	**72**		ug/L			92215	89099	1	KED
[	**Co**	**59**	**50.206**	ug/L	0.560	1	5	266411	0	KED
[	**Ni**	**60**	**50.109**	ug/L	0.916	1	37	76963	0	KED
[	**Ni**	**62**	**50.042**	ug/L	0.714	1	6	12570	0	KED
[	**Cu**	**63**	**50.501**	ug/L	0.630	1	150	227049	0	KED
[	**Cu**	**65**	**50.496**	ug/L	0.501	0	82	112832	0	KED
[	**Zn**	**66**	**51.500**	ug/L	1.505	2	218	32838	1	KED
[	**Zn**	**67**	**50.826**	ug/L	0.146	0	32	5369	1	KED
[	**As**	**75**	**49.600**	ug/L	0.937	1	3	15873	0	KED
[	**Se**	**78**	**49.513**	ug/L	0.478	0	14	1775	2	KED
	Y	**89**		ug/L			716574	690267	1	Standard
	Kr	**83**		ug/L			281	293	7	Standard
[>	**In-1**	**115**		ug/L			26143	24421	0	KED
[	**Mo**	**98**	**49.478**	ug/L	0.368	0	7	79660	1	KED
[	**Cd**	**111**	**49.723**	ug/L	0.216	0	4	18151	1	KED
[	**Cd**	**114**	**50.084**	ug/L	0.491	0	4	47342	0	KED
[>	**In**	**115**		ug/L			1390988	1439535	2	Standard
[	**Ag**	**107**	**50.622**	ug/L	1.542	3	42	873810	3	Standard
[	**Sb**	**121**	**50.454**	ug/L	0.717	1	401	1080215	1	Standard
[	**Sb**	**123**	**51.112**	ug/L	0.575	1	306	836690	2	Standard
[	**Ba**	**135**	**45.894**	ug/L	0.312	0	72	346935	1	Standard
[	**Ba**	**137**	**44.480**	ug/L	0.522	1	142	593989	1	Standard
[>	**Tb**	**159**		ug/L			2935826	2907874	0	Standard
[	**Tl**	**205**	**51.244**	ug/L	0.170	0	144	4795433	0	Standard
[	**Pb**	**208**	**49.138**	ug/L	0.020	0	1069	6017661	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBH
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 07:59:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1052267	9	Standard
	Be	**9**	**0.000**	ug/L	0.000	402	4	4	24	Standard
	C	**13**		ug/L			26149	25500	3	Standard
	Cl	**37**		ug/L			7203780	7532099	2	Standard
>	**Sc**	**45**		ug/L			1411304	1373138	8	Standard
	V	**51**	**-0.017**	ug/L	0.014	86	6817	6107	1	Standard
	V-1	**51**	**-0.007**	ug/L	0.001	9	591	366	3	Standard
	Cr	**52**	**-0.063**	ug/L	0.050	78	20282	18051	2	Standard
	Cr	**53**	**-0.029**	ug/L	0.005	15	300	203	5	Standard
	Fe	**54**	**-0.557**	ug/L	3.814	684	99061	94127	3	Standard
	Fe	**57**	**-4.052**	ug/L	0.861	21	23749	18609	3	Standard
	Mn	**55**	**0.007**	ug/L	0.004	51	924	1174	3	Standard
>	**Ge**	**72**		ug/L			92215	88850	1	KED
	Co	**59**	**-0.000**	ug/L	0.001	736	5	4	65	KED
	Ni	**60**	**0.003**	ug/L	0.009	284	37	40	31	KED
	Ni	**62**	**0.021**	ug/L	0.013	60	6	11	28	KED
	Cu	**63**	**-0.002**	ug/L	0.003	143	150	133	9	KED
	Cu	**65**	**-0.008**	ug/L	0.008	101	82	62	29	KED
	Zn	**66**	**0.029**	ug/L	0.052	182	218	228	14	KED
	Zn	**67**	**0.034**	ug/L	0.126	373	32	34	39	KED
	As	**75**	**0.001**	ug/L	0.003	222	3	3	28	KED
	Se	**78**	**-0.084**	ug/L	0.069	82	14	11	21	KED
	Y	**89**		ug/L			716574	670961	7	Standard
	Kr	**83**		ug/L			281	290	10	Standard
>	**In-1**	**115**		ug/L			26143	25017	1	KED
	Mo	**98**	**0.004**	ug/L	0.001	19	7	13	8	KED
	Cd	**111**	**-0.008**	ug/L	0.003	37	4	1	86	KED
	Cd	**114**	**0.002**	ug/L	0.005	335	4	5	89	KED
>	**In**	**115**		ug/L			1390988	1390963	8	Standard
	Ag	**107**	**0.001**	ug/L	0.001	105	42	63	36	Standard
	Sb	**121**	**0.040**	ug/L	0.008	20	401	1229	5	Standard
	Sb	**123**	**0.039**	ug/L	0.003	7	306	917	4	Standard
	Ba	**135**	**0.003**	ug/L	0.001	49	72	92	11	Standard
	Ba	**137**	**0.001**	ug/L	0.002	223	142	151	11	Standard
>	**Tb**	**159**		ug/L			2935826	2795129	6	Standard
	Tl	**205**	**0.000**	ug/L	0.000	78	144	173	16	Standard
	Pb	**208**	**-0.004**	ug/L	0.001	14	1069	573	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0120-01
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:04:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1136240	3	Standard
[	Be	9	0.002	ug/L	0.000	18	4	15	12	Standard
	C	13		ug/L			26149	202354	0	Standard
	Cl	37		ug/L			7203780	7756939	0	Standard
[>	Sc	45		ug/L			1411304	1437475	0	Standard
[	V	51	2.263	ug/L	0.961	42	6817	77903	38	Standard
[	V-1	51	0.115	ug/L	0.002	1	591	4249	1	Standard
[	Cr	52	256.069	ug/L	2.588	1	20282	6903526	1	Standard
[	Cr	53	240.068	ug/L	0.596	0	300	756544	0	Standard
[	Fe	54	3788.711	ug/L	52.034	1	99061	11687477	1	Standard
[	Fe	57	3922.918	ug/L	43.195	1	23749	4527905	0	Standard
[	Mn	55	88.665	ug/L	0.614	0	924	3615425	0	Standard
[>	Ge	72		ug/L			92215	90244	0	KED
[	Co	59	0.279	ug/L	0.007	2	5	1504	3	KED
[	Ni	60	2.911	ug/L	0.071	2	37	4563	1	KED
[	Ni	62	2.935	ug/L	0.216	7	6	753	7	KED
[	Cu	63	2.650	ug/L	0.040	1	150	12210	2	KED
[	Cu	65	2.718	ug/L	0.010	0	82	6228	0	KED
[	Zn	66	213.774	ug/L	0.380	0	218	137433	0	KED
[	Zn	67	200.441	ug/L	2.948	1	32	21356	1	KED
[	As	75	0.288	ug/L	0.021	7	3	96	6	KED
[	Se	78	0.036	ug/L	0.071	200	14	15	16	KED
	Y	89		ug/L			716574	706141	1	Standard
	Kr	83		ug/L			281	307	5	Standard
[>	In-1	115		ug/L			26143	24810	0	KED
[	Mo	98	0.473	ug/L	0.029	6	7	780	6	KED
[	Cd	111	0.832	ug/L	0.059	7	4	312	7	KED
[	Cd	114	0.820	ug/L	0.044	5	4	791	4	KED
[>	In	115		ug/L			1390988	1408657	2	Standard
[	Ag	107	0.164	ug/L	0.002	1	42	2811	1	Standard
[	Sb	121	0.119	ug/L	0.003	2	401	2890	0	Standard
[	Sb	123	0.127	ug/L	0.007	5	306	2347	2	Standard
[	Ba	135	7.671	ug/L	0.169	2	72	56792	0	Standard
[	Ba	137	7.515	ug/L	0.142	1	142	98309	0	Standard
[>	Tb	159		ug/L			2935826	2961137	0	Standard
[	Tl	205	-0.000	ug/L	0.000	76	144	128	9	Standard
[	Pb	208	0.218	ug/L	0.003	1	1069	28240	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0121-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:09:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1217132	2	Standard
[	Be	9	0.001	ug/L	0.001	83	4	9	40	Standard
	C	13		ug/L			26149	464851	0	Standard
	Cl	37		ug/L			7203780	7145711	0	Standard
[>	Sc	45		ug/L			1411304	1379399	1	Standard
[	V	51	-0.171	ug/L	0.086	50	6817	1491	173	Standard
[	V-1	51	0.126	ug/L	0.002	1	591	4412	2	Standard
[	Cr	52	53.277	ug/L	0.497	0	20282	1393860	0	Standard
[	Cr	53	52.319	ug/L	0.200	0	300	158440	1	Standard
[	Fe	54	4343.315	ug/L	53.229	1	99061	12841113	0	Standard
[	Fe	57	4924.188	ug/L	39.592	0	23749	5447930	1	Standard
[	Mn	55	214.770	ug/L	2.348	1	924	8401618	0	Standard
[>	Ge	72		ug/L			92215	81956	1	KED
[	Co	59	1.031	ug/L	0.024	2	5	5036	1	KED
[	Ni	60	17.269	ug/L	0.353	2	37	24421	1	KED
[	Ni	62	16.879	ug/L	0.267	1	6	3904	0	KED
[	Cu	63	3.011	ug/L	0.059	1	150	12578	1	KED
[	Cu	65	3.048	ug/L	0.090	2	82	6333	1	KED
[	Zn	66	59.457	ug/L	0.788	1	218	34851	1	KED
[	Zn	67	57.102	ug/L	1.068	1	32	5546	2	KED
[	As	75	0.310	ug/L	0.018	5	3	93	5	KED
[	Se	78	0.019	ug/L	0.093	483	14	13	23	KED
	Y	89		ug/L			716574	656558	2	Standard
	Kr	83		ug/L			281	328	7	Standard
[>	In-1	115		ug/L			26143	22491	1	KED
[	Mo	98	4.763	ug/L	0.035	0	7	7068	2	KED
[	Cd	111	0.440	ug/L	0.041	9	4	151	10	KED
[	Cd	114	0.466	ug/L	0.047	10	4	408	8	KED
[>	In	115		ug/L			1390988	1322008	3	Standard
[	Ag	107	0.057	ug/L	0.006	10	42	941	7	Standard
[	Sb	121	0.280	ug/L	0.011	3	401	5886	0	Standard
[	Sb	123	0.288	ug/L	0.004	1	306	4614	2	Standard
[	Ba	135	22.307	ug/L	0.518	2	72	154830	1	Standard
[	Ba	137	21.713	ug/L	0.522	2	142	266244	1	Standard
[>	Tb	159		ug/L			2935826	2833446	0	Standard
[	Tl	205	-0.001	ug/L	0.000	14	144	86	7	Standard
[	Pb	208	0.159	ug/L	0.002	1	1069	20018	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0184-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:15:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1160877	1	Standard
[	Be	9	0.004	ug/L	0.001	24	4	31	21	Standard
	C	13		ug/L			26149	2522762	1	Standard
	Cl	37		ug/L			7203780	7097623	0	Standard
[>	Sc	45		ug/L			1411304	1653912	0	Standard
[	V	51	7.603	ug/L	0.138	1	6817	282040	1	Standard
[	V-1	51	6.749	ug/L	0.147	2	591	246701	1	Standard
[	Cr	52	5.878	ug/L	0.092	1	20282	205552	1	Standard
[	Cr	53	3.193	ug/L	0.050	1	300	11926	1	Standard
[	Fe	54	395.137	ug/L	6.426	1	99061	1506346	1	Standard
[	Fe	57	412.708	ug/L	8.924	2	23749	572968	1	Standard
[	Mn	55	11.867	ug/L	0.175	1	924	557697	1	Standard
[>	Ge	72		ug/L			92215	86241	0	KED
[	Co	59	0.182	ug/L	0.011	5	5	939	6	KED
[	Ni	60	2.367	ug/L	0.083	3	37	3553	4	KED
[	Ni	62	2.543	ug/L	0.154	6	6	624	6	KED
[	Cu	63	8.802	ug/L	0.053	0	150	38427	1	KED
[	Cu	65	8.884	ug/L	0.251	2	82	19277	2	KED
[	Zn	66	54.803	ug/L	0.441	0	218	33822	1	KED
[	Zn	67	51.682	ug/L	0.768	1	32	5284	1	KED
[	As	75	0.848	ug/L	0.008	0	3	265	0	KED
[	Se	78	-0.007	ug/L	0.033	475	14	13	8	KED
	Y	89		ug/L			716574	707525	1	Standard
	Kr	83		ug/L			281	311	2	Standard
[>	In-1	115		ug/L			26143	23899	0	KED
[	Mo	98	0.614	ug/L	0.039	6	7	974	6	KED
[	Cd	111	0.022	ug/L	0.005	25	4	11	16	KED
[	Cd	114	0.035	ug/L	0.012	35	4	35	30	KED
[>	In	115		ug/L			1390988	1399593	1	Standard
[	Ag	107	0.006	ug/L	0.001	22	42	144	16	Standard
[	Sb	121	0.147	ug/L	0.003	1	401	3453	1	Standard
[	Sb	123	0.148	ug/L	0.006	3	306	2664	4	Standard
[	Ba	135	8.601	ug/L	0.167	1	72	63271	0	Standard
[	Ba	137	8.328	ug/L	0.091	1	142	108243	0	Standard
[>	Tb	159		ug/L			2935826	2905264	0	Standard
[	Tl	205	0.004	ug/L	0.000	13	144	471	9	Standard
[	Pb	208	1.415	ug/L	0.005	0	1069	174212	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0147-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:21:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1212668	1	Standard
[	Be	9	0.002	ug/L	0.001	47	4	21	36	Standard
	C	13		ug/L			26149	69176	3	Standard
	Cl	37		ug/L			7203780	7939271	0	Standard
[>	Sc	45		ug/L			1411304	1620220	0	Standard
[	V	51	2.477	ug/L	0.029	1	6817	95312	1	Standard
[	V-1	51	2.781	ug/L	0.022	0	591	99993	1	Standard
[	Cr	52	1.087	ug/L	0.029	2	20282	56214	2	Standard
[	Cr	53	2.113	ug/L	0.013	0	300	7849	1	Standard
[	Fe	54	616.669	ug/L	5.556	0	99061	2239325	1	Standard
[	Fe	57	748.231	ug/L	9.458	1	23749	995529	1	Standard
[	Mn	55	247.059	ug/L	4.625	1	924	11352302	1	Standard
[>	Ge	72		ug/L			92215	76787	1	KED
[	Co	59	5.148	ug/L	0.081	1	5	23544	0	KED
[	Ni	60	16.536	ug/L	0.074	0	37	21913	0	KED
[	Ni	62	16.373	ug/L	0.386	2	6	3548	2	KED
[	Cu	63	0.264	ug/L	0.021	8	150	1147	5	KED
[	Cu	65	0.265	ug/L	0.006	2	82	579	0	KED
[	Zn	66	2.019	ug/L	0.043	2	218	1284	1	KED
[	Zn	67	7.315	ug/L	0.500	6	32	688	5	KED
[	As	75	0.721	ug/L	0.076	10	3	201	9	KED
[	Se	78	181.194	ug/L	1.916	1	14	5567	0	KED
	Y	89		ug/L			716574	655220	0	Standard
	Kr	83		ug/L			281	304	7	Standard
[>	In-1	115		ug/L			26143	21824	0	KED
[	Mo	98	0.852	ug/L	0.032	3	7	1232	3	KED
[	Cd	111	0.029	ug/L	0.006	21	4	13	15	KED
[	Cd	114	0.018	ug/L	0.008	44	4	18	35	KED
[>	In	115		ug/L			1390988	1281974	1	Standard
[	Ag	107	0.001	ug/L	0.001	56	42	55	17	Standard
[	Sb	121	0.048	ug/L	0.002	4	401	1294	4	Standard
[	Sb	123	0.048	ug/L	0.001	2	306	975	1	Standard
[	Ba	135	109.535	ug/L	1.975	1	72	737271	1	Standard
[	Ba	137	107.786	ug/L	2.435	2	142	1281629	1	Standard
[>	Tb	159		ug/L			2935826	2763413	0	Standard
[	Tl	205	0.004	ug/L	0.000	9	144	500	6	Standard
[	Pb	208	0.024	ug/L	0.001	4	1069	3745	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0147-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:26:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1113853	1052318	2	Standard
⌊	Be	9	0.000	ug/L	0.000	99	4	6	34	Standard
	C	13		ug/L			26149	52392	1	Standard
	Cl	37		ug/L			7203780	8634573	0	Standard
⌈>	Sc	45		ug/L			1411304	1545777	1	Standard
|	V	51	1.222	ug/L	0.029	2	6817	48627	1	Standard
|	V-1	51	1.766	ug/L	0.033	1	591	60805	1	Standard
|	Cr	52	0.133	ug/L	0.016	12	20282	26046	0	Standard
|	Cr	53	1.921	ug/L	0.040	2	300	6837	1	Standard
|	Fe	54	53.245	ug/L	1.540	2	99061	283586	1	Standard
|	Fe	57	281.079	ug/L	4.123	1	23749	372989	0	Standard
⌊	Mn	55	0.601	ug/L	0.008	1	924	27346	0	Standard
⌈>	Ge	72		ug/L			92215	76142	0	KED
|	Co	59	0.077	ug/L	0.006	7	5	354	7	KED
|	Ni	60	2.791	ug/L	0.087	3	37	3692	2	KED
|	Ni	62	2.759	ug/L	0.153	5	6	597	5	KED
|	Cu	63	0.485	ug/L	0.013	2	150	1985	2	KED
|	Cu	65	0.497	ug/L	0.017	3	82	1017	2	KED
|	Zn	66	0.563	ug/L	0.037	6	218	485	4	KED
|	Zn	67	4.435	ug/L	0.375	8	32	424	7	KED
|	As	75	0.127	ug/L	0.012	9	3	37	8	KED
⌊	Se	78	18.310	ug/L	0.186	1	14	568	0	KED
	Y	89		ug/L			716574	637561	0	Standard
	Kr	83		ug/L			281	271	11	Standard
⌈>	In-1	115		ug/L			26143	21351	0	KED
|	Mo	98	2.046	ug/L	0.021	1	7	2885	1	KED
|	Cd	111	0.002	ug/L	0.010	614	4	4	74	KED
⌊	Cd	114	0.008	ug/L	0.005	64	4	10	42	KED
⌈>	In	115		ug/L			1390988	1274883	0	Standard
|	Ag	107	0.003	ug/L	0.001	25	42	80	12	Standard
|	Sb	121	0.066	ug/L	0.006	8	401	1624	6	Standard
|	Sb	123	0.063	ug/L	0.002	3	306	1199	2	Standard
|	Ba	135	82.824	ug/L	1.323	1	72	554434	0	Standard
⌊	Ba	137	80.971	ug/L	2.272	2	142	957490	1	Standard
⌈>	Tb	159		ug/L			2935826	2717694	0	Standard
|	Tl	205	0.021	ug/L	0.001	2	144	2000	2	Standard
⌊	Pb	208	0.162	ug/L	0.000	0	1069	19483	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0147-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:31:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1062128	3	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	59	4	8	26	Standard
	C	**13**		ug/L			26149	49533	2	Standard
	Cl	**37**		ug/L			7203780	8268133	1	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1495186	0	Standard
⌈	**V**	**51**	**5.114**	ug/L	0.077	1	6817	173888	1	Standard
⌊	**V-1**	**51**	**5.582**	ug/L	0.079	1	591	184570	1	Standard
⌈	**Cr**	**52**	**0.219**	ug/L	0.007	3	20282	27607	0	Standard
⌊	**Cr**	**53**	**1.897**	ug/L	0.026	1	300	6535	1	Standard
⌈	**Fe**	**54**	**8.847**	ug/L	0.499	5	99061	133093	1	Standard
⌊	**Fe**	**57**	**192.770**	ug/L	3.097	1	23749	255361	1	Standard
⌊	**Mn**	**55**	**0.319**	ug/L	0.009	2	924	14489	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	78240	0	KED
⌈	**Co**	**59**	**0.039**	ug/L	0.005	13	5	184	13	KED
⌊	**Ni**	**60**	**0.635**	ug/L	0.025	3	37	887	4	KED
⌈	**Ni**	**62**	**0.592**	ug/L	0.098	16	6	135	16	KED
⌊	**Cu**	**63**	**2.401**	ug/L	0.038	1	150	9601	2	KED
⌈	**Cu**	**65**	**2.402**	ug/L	0.087	3	82	4779	3	KED
⌊	**Zn**	**66**	**1.331**	ug/L	0.026	1	218	925	1	KED
⌈	**Zn**	**67**	**4.533**	ug/L	0.433	9	32	445	9	KED
⌊	**As**	**75**	**0.680**	ug/L	0.018	2	3	193	3	KED
⌈	**Se**	**78**	**12.835**	ug/L	0.427	3	14	413	3	KED
	Y	**89**		ug/L			716574	635086	0	Standard
	Kr	**83**		ug/L			281	260	2	Standard
⌈>	**In-1**	**115**		ug/L			26143	21710	1	KED
⌈	**Mo**	**98**	**64.047**	ug/L	0.527	0	7	91662	0	KED
⌊	**Cd**	**111**	**0.025**	ug/L	0.007	28	4	11	20	KED
⌊	**Cd**	**114**	**0.018**	ug/L	0.010	55	4	19	45	KED
⌈>	**In**	**115**		ug/L			1390988	1292296	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.000	12	42	74	5	Standard
⌈	**Sb**	**121**	**0.046**	ug/L	0.005	10	401	1264	8	Standard
⌊	**Sb**	**123**	**0.051**	ug/L	0.003	5	306	1038	4	Standard
⌈	**Ba**	**135**	**63.086**	ug/L	0.518	0	72	428105	0	Standard
⌊	**Ba**	**137**	**60.945**	ug/L	0.754	1	142	730606	0	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2738168	0	Standard
⌈	**Tl**	**205**	**0.016**	ug/L	0.001	4	144	1588	4	Standard
⌊	**Pb**	**208**	**0.071**	ug/L	0.000	0	1069	9165	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0147-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:36:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1055722	2	Standard
[	Be	9	0.002	ug/L	0.001	26	4	17	19	Standard
	C	13		ug/L			26149	48037	2	Standard
	Cl	37		ug/L			7203780	8757007	0	Standard
[>	Sc	45		ug/L			1411304	1518514	1	Standard
[	V	51	1.483	ug/L	0.017	1	6817	56423	0	Standard
[	V-1	51	2.156	ug/L	0.021	0	591	72803	1	Standard
[	Cr	52	0.238	ug/L	0.017	7	20282	28591	1	Standard
[	Cr	53	2.447	ug/L	0.059	2	300	8469	3	Standard
[	Fe	54	9.050	ug/L	0.274	3	99061	135825	1	Standard
[	Fe	57	253.881	ug/L	1.397	0	23749	333470	1	Standard
[	Mn	55	8.208	ug/L	0.140	1	924	354484	2	Standard
[>	Ge	72		ug/L			92215	74374	0	KED
[	Co	59	0.123	ug/L	0.009	7	5	551	8	KED
[	Ni	60	1.844	ug/L	0.072	3	37	2393	3	KED
[	Ni	62	1.835	ug/L	0.111	6	6	389	6	KED
[	Cu	63	0.564	ug/L	0.007	1	150	2236	0	KED
[	Cu	65	0.576	ug/L	0.014	2	82	1140	1	KED
[	Zn	66	1.536	ug/L	0.106	6	218	988	4	KED
[	Zn	67	4.490	ug/L	0.281	6	32	419	5	KED
[	As	75	0.262	ug/L	0.016	5	3	72	4	KED
[	Se	78	45.576	ug/L	1.226	2	14	1365	2	KED
	Y	89		ug/L			716574	630128	1	Standard
	Kr	83		ug/L			281	279	5	Standard
[>	In-1	115		ug/L			26143	20901	0	KED
[	Mo	98	3.082	ug/L	0.077	2	7	4252	1	KED
[	Cd	111	0.011	ug/L	0.009	79	4	6	39	KED
[	Cd	114	0.010	ug/L	0.003	26	4	11	19	KED
[>	In	115		ug/L			1390988	1280972	0	Standard
[	Ag	107	0.003	ug/L	0.001	40	42	83	20	Standard
[	Sb	121	0.058	ug/L	0.004	7	401	1479	4	Standard
[	Sb	123	0.060	ug/L	0.006	9	306	1161	7	Standard
[	Ba	135	72.801	ug/L	0.915	1	72	489696	0	Standard
[	Ba	137	70.770	ug/L	0.236	0	142	841016	1	Standard
[>	Tb	159		ug/L			2935826	2702319	0	Standard
[	Tl	205	0.007	ug/L	0.000	1	144	761	0	Standard
[	Pb	208	2.190	ug/L	0.029	1	1069	250169	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:41:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1113853	1072197	2	Standard
	Be	9	0.002	ug/L	0.001	47	4	19	36	Standard
	C	13		ug/L			26149	46650	2	Standard
	Cl	37		ug/L			7203780	8777274	0	Standard
>	Sc	45		ug/L			1411304	1507057	0	Standard
	V	51	1.521	ug/L	0.011	0	6817	57258	1	Standard
	V-1	51	2.201	ug/L	0.017	0	591	73748	0	Standard
	Cr	52	0.294	ug/L	0.018	6	20282	29954	1	Standard
	Cr	53	2.525	ug/L	0.055	2	300	8658	1	Standard
	Fe	54	12.958	ug/L	0.717	5	99061	147316	0	Standard
	Fe	57	267.396	ug/L	3.660	1	23749	347213	1	Standard
	Mn	55	8.426	ug/L	0.113	1	924	361076	0	Standard
>	Ge	72		ug/L			92215	75057	0	KED
	Co	59	0.120	ug/L	0.012	9	5	538	9	KED
	Ni	60	1.906	ug/L	0.078	4	37	2496	3	KED
	Ni	62	2.059	ug/L	0.234	11	6	440	10	KED
	Cu	63	0.592	ug/L	0.022	3	150	2364	3	KED
	Cu	65	0.594	ug/L	0.023	3	82	1185	3	KED
	Zn	66	1.716	ug/L	0.081	4	218	1094	3	KED
	Zn	67	5.271	ug/L	0.297	5	32	492	5	KED
	As	75	0.268	ug/L	0.023	8	3	74	7	KED
	Se	78	46.888	ug/L	1.763	3	14	1417	4	KED
	Y	89		ug/L			716574	625510	0	Standard
	Kr	83		ug/L			281	268	12	Standard
>	In-1	115		ug/L			26143	21089	0	KED
	Mo	98	3.067	ug/L	0.047	1	7	4269	1	KED
	Cd	111	0.016	ug/L	0.008	50	4	8	29	KED
	Cd	114	0.008	ug/L	0.007	89	4	9	58	KED
>	In	115		ug/L			1390988	1277271	1	Standard
	Ag	107	0.003	ug/L	0.001	16	42	86	10	Standard
	Sb	121	0.062	ug/L	0.002	3	401	1549	3	Standard
	Sb	123	0.066	ug/L	0.003	4	306	1244	3	Standard
	Ba	135	73.357	ug/L	0.424	0	72	492045	1	Standard
	Ba	137	71.817	ug/L	0.406	0	142	850936	0	Standard
>	Tb	159		ug/L			2935826	2731074	0	Standard
	Tl	205	0.008	ug/L	0.000	1	144	800	1	Standard
	Pb	208	2.187	ug/L	0.016	0	1069	252473	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:47:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1113853	1023181	2	Standard
[	Be	9	21.975	ug/L	0.457	2	4	135128	1	Standard
	C	13		ug/L			26149	45399	1	Standard
	Cl	37		ug/L			7203780	8473489	0	Standard
[>	Sc	45		ug/L			1411304	1484462	0	Standard
[	V	51	22.176	ug/L	0.403	1	6817	724648	1	Standard
[	V-1	51	23.035	ug/L	0.357	1	591	754296	1	Standard
[	Cr	52	20.511	ug/L	0.513	2	20282	590579	1	Standard
[	Cr	53	23.333	ug/L	0.280	1	300	76216	0	Standard
[	Fe	54	4351.459	ug/L	12.540	0	99061	13846228	0	Standard
[	Fe	57	4928.195	ug/L	11.777	0	23749	5867847	0	Standard
[	Mn	55	28.704	ug/L	0.384	1	924	1209349	1	Standard
[>	Ge	72		ug/L			92215	75551	1	KED
[	Co	59	25.582	ug/L	0.355	1	5	115105	0	KED
[	Ni	60	25.822	ug/L	0.295	1	37	33649	1	KED
[	Ni	62	25.335	ug/L	0.622	2	6	5398	1	KED
[	Cu	63	23.317	ug/L	0.379	1	150	88956	0	KED
[	Cu	65	23.396	ug/L	0.132	0	82	44366	1	KED
[	Zn	66	70.237	ug/L	0.390	0	218	37920	0	KED
[	Zn	67	69.238	ug/L	1.123	1	32	6192	0	KED
[	As	75	24.180	ug/L	0.286	1	3	6563	0	KED
[	Se	78	118.450	ug/L	0.855	0	14	3585	1	KED
	Y	89		ug/L			716574	620807	2	Standard
	Kr	83		ug/L			281	281	18	Standard
[>	In-1	115		ug/L			26143	21213	1	KED
[	Mo	98	28.000	ug/L	0.488	1	7	39160	1	KED
[	Cd	111	23.036	ug/L	0.029	0	4	7306	1	KED
[	Cd	114	23.017	ug/L	0.169	0	4	18903	1	KED
[>	In	115		ug/L			1390988	1265294	1	Standard
[	Ag	107	22.800	ug/L	0.295	1	42	345955	1	Standard
[	Sb	121	23.865	ug/L	0.606	2	401	449268	1	Standard
[	Sb	123	24.332	ug/L	1.016	4	306	350121	2	Standard
[	Ba	135	93.836	ug/L	1.340	1	72	623404	0	Standard
[	Ba	137	92.003	ug/L	1.887	2	142	1079790	1	Standard
[>	Tb	159		ug/L			2935826	2705672	0	Standard
[	Tl	205	21.147	ug/L	0.071	0	144	1841412	0	Standard
[	Pb	208	22.867	ug/L	0.103	0	1069	2606179	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLH
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 08:55:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1113853	1182978	3	Standard
	Be	**9**	**-0.000**	ug/L	0.000	398	4	4	24	Standard
	C	**13**		ug/L			26149	25991	0	Standard
	Cl	**37**		ug/L			7203780	7944970	0	Standard
>	**Sc**	**45**		ug/L			1411304	1418894	1	Standard
	V	**51**	**-0.010**	ug/L	0.001	11	6817	6551	1	Standard
	V-1	**51**	**0.065**	ug/L	0.002	2	591	2627	1	Standard
	Cr	**52**	**-0.034**	ug/L	0.004	12	20282	19498	1	Standard
	Cr	**53**	**0.208**	ug/L	0.005	2	300	948	1	Standard
	Fe	**54**	**-2.501**	ug/L	0.372	14	99061	92037	1	Standard
	Fe	**57**	**-2.347**	ug/L	0.417	17	23749	21214	1	Standard
	Mn	**55**	**-0.003**	ug/L	0.000	8	924	791	0	Standard
>	**Ge**	**72**		ug/L			92215	87032	2	KED
	Co	**59**	**-0.000**	ug/L	0.000	100	5	2	86	KED
	Ni	**60**	**-0.009**	ug/L	0.006	65	37	22	38	KED
	Ni	**62**	**0.015**	ug/L	0.008	58	6	9	20	KED
	Cu	**63**	**-0.016**	ug/L	0.002	11	150	72	9	KED
	Cu	**65**	**-0.018**	ug/L	0.006	31	82	38	35	KED
	Zn	**66**	**-0.188**	ug/L	0.010	5	218	89	7	KED
	Zn	**67**	**-0.180**	ug/L	0.012	6	32	12	9	KED
	As	**75**	**-0.003**	ug/L	0.005	157	3	1	75	KED
	Se	**78**	**-0.112**	ug/L	0.076	67	14	9	25	KED
	Y	**89**		ug/L			716574	681397	1	Standard
	Kr	**83**		ug/L			281	261	13	Standard
>	**In-1**	**115**		ug/L			26143	23593	1	KED
	Mo	**98**	**0.000**	ug/L	0.002	401	7	7	39	KED
	Cd	**111**	**-0.001**	ug/L	0.006	1045	4	3	50	KED
	Cd	**114**	**0.000**	ug/L	0.001	349	4	4	25	KED
>	**In**	**115**		ug/L			1390988	1346748	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	63	42	63	23	Standard
	Sb	**121**	**-0.014**	ug/L	0.001	5	401	102	15	Standard
	Sb	**123**	**-0.014**	ug/L	0.001	4	306	76	12	Standard
	Ba	**135**	**-0.005**	ug/L	0.001	12	72	38	10	Standard
	Ba	**137**	**-0.005**	ug/L	0.001	11	142	71	11	Standard
>	**Tb**	**159**		ug/L			2935826	2755545	0	Standard
	Tl	**205**	**-0.001**	ug/L	0.000	28	144	80	18	Standard
	Pb	**208**	**-0.003**	ug/L	0.000	3	1069	682	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:00:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1113853	1135012	2	Standard
[	**Be**	**9**	**48.860**	ug/L	0.954	1	4	333439	3	Standard
	C	**13**		ug/L			26149	26383	0	Standard
	Cl	**37**		ug/L			7203780	7685469	2	Standard
[>	**Sc**	**45**		ug/L			1411304	1393394	3	Standard
[	**V**	**51**	**49.826**	ug/L	1.622	3	6817	1519055	2	Standard
[	**V-1**	**51**	**49.922**	ug/L	1.487	2	591	1532911	2	Standard
[	**Cr**	**52**	**49.544**	ug/L	1.563	3	20282	1310180	3	Standard
[	**Cr**	**53**	**49.865**	ug/L	1.151	2	300	152481	2	Standard
[	**Fe**	**54**	**5240.676**	ug/L	128.885	2	99061	15624110	2	Standard
[	**Fe**	**57**	**5517.076**	ug/L	165.798	3	23749	6158456	0	Standard
[	**Mn**	**55**	**53.423**	ug/L	2.931	5	924	2112589	7	Standard
[>	**Ge**	**72**		ug/L			92215	88287	0	KED
[	**Co**	**59**	**50.397**	ug/L	0.662	1	5	265026	1	KED
[	**Ni**	**60**	**50.441**	ug/L	0.419	0	37	76783	1	KED
[	**Ni**	**62**	**49.728**	ug/L	0.271	0	6	12379	0	KED
[	**Cu**	**63**	**49.560**	ug/L	0.299	0	150	220822	0	KED
[	**Cu**	**65**	**50.226**	ug/L	0.649	1	82	111219	1	KED
[	**Zn**	**66**	**51.671**	ug/L	0.636	1	218	32656	1	KED
[	**Zn**	**67**	**51.354**	ug/L	2.172	4	32	5375	3	KED
[	**As**	**75**	**49.004**	ug/L	0.418	0	3	15543	0	KED
[	**Se**	**78**	**49.578**	ug/L	0.536	1	14	1761	1	KED
	Y	**89**		ug/L			716574	696129	1	Standard
	Kr	**83**		ug/L			281	313	4	Standard
[>	**In-1**	**115**		ug/L			26143	23822	1	KED
[	**Mo**	**98**	**49.647**	ug/L	0.364	0	7	77966	0	KED
[	**Cd**	**111**	**50.515**	ug/L	0.317	0	4	17987	0	KED
[	**Cd**	**114**	**50.266**	ug/L	1.006	2	4	46344	0	KED
[>	**In**	**115**		ug/L			1390988	1354688	2	Standard
[	**Ag**	**107**	**49.218**	ug/L	1.431	2	42	799592	4	Standard
[	**Sb**	**121**	**50.236**	ug/L	1.426	2	401	1012000	2	Standard
[	**Sb**	**123**	**51.075**	ug/L	1.030	2	306	786890	3	Standard
[	**Ba**	**135**	**47.205**	ug/L	0.589	1	72	335783	2	Standard
[	**Ba**	**137**	**46.493**	ug/L	0.696	1	142	584178	1	Standard
[>	**Tb**	**159**		ug/L			2935826	2884557	1	Standard
[	**Tl**	**205**	**51.677**	ug/L	1.040	2	144	4796614	2	Standard
[	**Pb**	**208**	**48.691**	ug/L	0.353	0	1069	5915715	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:08:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1147457	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	164	4	6	56	Standard
	C	**13**		ug/L			26149	25732	1	Standard
	Cl	**37**		ug/L			7203780	7565965	1	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1428553	1	Standard
⎢	**V**	**51**	**-0.019**	ug/L	0.004	18	6817	6322	0	Standard
⎢	**V-1**	**51**	**0.029**	ug/L	0.002	6	591	1516	2	Standard
⎢	**Cr**	**52**	**-0.069**	ug/L	0.013	19	20282	18676	2	Standard
⎢	**Cr**	**53**	**0.086**	ug/L	0.007	8	300	573	4	Standard
⎢	**Fe**	**54**	**-2.626**	ug/L	0.726	27	99061	92277	1	Standard
⎢	**Fe**	**57**	**-5.101**	ug/L	0.235	4	23749	18218	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	51	924	968	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	87558	1	KED
⎢	**Co**	**59**	**0.000**	ug/L	0.001	335	5	6	103	KED
⎢	**Ni**	**60**	**-0.000**	ug/L	0.008	2139	37	34	31	KED
⎢	**Ni**	**62**	**0.017**	ug/L	0.020	118	6	10	47	KED
⎢	**Cu**	**63**	**-0.002**	ug/L	0.002	64	150	132	3	KED
⎢	**Cu**	**65**	**-0.002**	ug/L	0.004	203	82	74	11	KED
⎢	**Zn**	**66**	**0.007**	ug/L	0.016	211	218	212	5	KED
⎢	**Zn**	**67**	**0.052**	ug/L	0.083	158	32	36	24	KED
⎢	**As**	**75**	**0.003**	ug/L	0.001	47	3	3	12	KED
⌊	**Se**	**78**	**-0.101**	ug/L	0.120	119	14	10	39	KED
	Y	**89**		ug/L			716574	708698	1	Standard
	Kr	**83**		ug/L			281	280	3	Standard
⌈>	**In-1**	**115**		ug/L			26143	24728	1	KED
⎢	**Mo**	**98**	**0.007**	ug/L	0.001	19	7	18	12	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.003	63	4	2	43	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.006	165	4	7	75	KED
⌈>	**In**	**115**		ug/L			1390988	1369749	1	Standard
⎢	**Ag**	**107**	**0.002**	ug/L	0.001	81	42	68	30	Standard
⎢	**Sb**	**121**	**0.040**	ug/L	0.001	2	401	1201	3	Standard
⎢	**Sb**	**123**	**0.043**	ug/L	0.001	2	306	965	2	Standard
⎢	**Ba**	**135**	**0.004**	ug/L	0.001	22	72	98	7	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.000	5	142	180	2	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2867517	0	Standard
⎢	**Tl**	**205**	**0.001**	ug/L	0.000	44	144	207	13	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	7	1069	635	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:12:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1294823	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	41	4	10	20	Standard
	C	**13**		ug/L			26149	37460	1	Standard
	Cl	**37**		ug/L			7203780	7658072	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1593196	0	Standard
⌈	**V**	**51**	**-0.009**	ug/L	0.003	32	6817	7373	0	Standard
⌊	**V-1**	**51**	**0.018**	ug/L	0.002	10	591	1297	4	Standard
⌈	**Cr**	**52**	**-0.028**	ug/L	0.010	35	20282	22062	0	Standard
⌊	**Cr**	**53**	**0.060**	ug/L	0.008	12	300	550	4	Standard
⌈	**Fe**	**54**	**68.732**	ug/L	2.644	3	99061	344786	2	Standard
⌊	**Fe**	**57**	**-6.381**	ug/L	0.203	3	23749	18689	0	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.002	9	924	1890	3	Standard
⌈>	**Ge**	**72**		ug/L			92215	92062	0	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	435	5	6	86	KED
⌊	**Ni**	**60**	**-0.009**	ug/L	0.003	33	37	23	20	KED
⌈	**Ni**	**62**	**0.015**	ug/L	0.004	27	6	10	10	KED
⌈	**Cu**	**63**	**0.026**	ug/L	0.000	0	150	272	0	KED
⌊	**Cu**	**65**	**0.022**	ug/L	0.004	18	82	132	7	KED
⌈	**Zn**	**66**	**0.080**	ug/L	0.038	47	218	270	9	KED
⌊	**Zn**	**67**	**0.053**	ug/L	0.031	58	32	38	8	KED
⌈	**As**	**75**	**0.003**	ug/L	0.001	27	3	3	6	KED
⌊	**Se**	**78**	**-0.052**	ug/L	0.048	92	14	12	13	KED
	Y	**89**		ug/L			716574	776982	1	Standard
	Kr	**83**		ug/L			281	323	1	Standard
⌈>	**In-1**	**115**		ug/L			26143	26210	0	KED
⌈	**Mo**	**98**	**-0.001**	ug/L	0.001	105	7	6	16	KED
⌈	**Cd**	**111**	**-0.005**	ug/L	0.003	57	4	2	43	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	54	4	2	47	KED
⌈>	**In**	**115**		ug/L			1390988	1521742	1	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.001	27	42	128	16	Standard
⌈	**Sb**	**121**	**0.009**	ug/L	0.001	14	401	644	6	Standard
⌊	**Sb**	**123**	**0.013**	ug/L	0.002	13	306	553	4	Standard
⌈	**Ba**	**135**	**-0.003**	ug/L	0.001	40	72	53	21	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.000	6	142	71	9	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3056655	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	17	144	85	13	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.000	3	1069	537	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:17:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1262620	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	78	4	8	32	Standard
	C	**13**		ug/L			26149	37843	0	Standard
	Cl	**37**		ug/L			7203780	7669378	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1574573	0	Standard
⌈	**V**	**51**	**-0.012**	ug/L	0.003	22	6817	7200	1	Standard
⌊	**V-1**	**51**	**0.014**	ug/L	0.001	6	591	1134	1	Standard
⌈	**Cr**	**52**	**-0.036**	ug/L	0.008	22	20282	21579	1	Standard
⌊	**Cr**	**53**	**0.047**	ug/L	0.001	1	300	498	0	Standard
⌈	**Fe**	**54**	**70.284**	ug/L	0.843	1	99061	345973	1	Standard
⌊	**Fe**	**57**	**-6.438**	ug/L	0.140	2	23749	18401	1	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.002	8	924	1898	4	Standard
⌈>	**Ge**	**72**		ug/L			92215	90875	0	KED
⌈	**Co**	**59**	**0.002**	ug/L	0.001	32	5	13	20	KED
⌊	**Ni**	**60**	**-0.005**	ug/L	0.005	98	37	29	26	KED
⌈	**Ni**	**62**	**-0.007**	ug/L	0.004	60	6	4	24	KED
⌈	**Cu**	**63**	**0.020**	ug/L	0.004	18	150	241	6	KED
⌊	**Cu**	**65**	**0.025**	ug/L	0.002	9	82	137	3	KED
⌈	**Zn**	**66**	**0.037**	ug/L	0.027	71	218	239	7	KED
⌊	**Zn**	**67**	**0.046**	ug/L	0.084	182	32	36	24	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.003	358	3	2	36	KED
⌊	**Se**	**78**	**0.012**	ug/L	0.030	259	14	14	7	KED
	Y	**89**		ug/L			716574	768576	1	Standard
	Kr	**83**		ug/L			281	315	5	Standard
⌈>	**In-1**	**115**		ug/L			26143	25780	0	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.003	1837	7	7	73	KED
⌊	**Cd**	**111**	**0.000**	ug/L	0.001	876	4	4	12	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.004	333	4	3	130	KED
⌈>	**In**	**115**		ug/L			1390988	1499802	0	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.000	13	42	111	8	Standard
⌈	**Sb**	**121**	**-0.007**	ug/L	0.002	26	401	287	13	Standard
⌊	**Sb**	**123**	**-0.006**	ug/L	0.001	9	306	223	4	Standard
⌈	**Ba**	**135**	**-0.004**	ug/L	0.002	38	72	45	28	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.001	10	142	76	11	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3090749	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	4	144	70	5	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.000	7	1069	509	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:22:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1277890	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	134	4	10	71	Standard
	C	**13**		ug/L			26149	37641	2	Standard
	Cl	**37**		ug/L			7203780	7730164	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1555036	2	Standard
⌈	**V**	**51**	**-0.010**	ug/L	0.002	19	6817	7165	1	Standard
⌊	**V-1**	**51**	**0.011**	ug/L	0.001	12	591	1026	2	Standard
⌈	**Cr**	**52**	**-0.019**	ug/L	0.006	33	20282	21804	1	Standard
⌊	**Cr**	**53**	**0.050**	ug/L	0.005	9	300	500	1	Standard
⌈	**Fe**	**54**	**70.073**	ug/L	1.046	1	99061	340961	2	Standard
⌊	**Fe**	**57**	**-6.704**	ug/L	0.186	2	23749	17839	1	Standard
⌈	**Mn**	**55**	**0.020**	ug/L	0.002	8	924	1882	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	90226	1	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	285	5	6	83	KED
⌊	**Ni**	**60**	**-0.006**	ug/L	0.004	71	37	27	26	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.009	293	6	6	31	KED
⌈	**Cu**	**63**	**0.022**	ug/L	0.004	19	150	246	8	KED
⌊	**Cu**	**65**	**0.019**	ug/L	0.005	28	82	124	10	KED
⌈	**Zn**	**66**	**-0.001**	ug/L	0.019	3736	218	213	5	KED
⌊	**Zn**	**67**	**0.037**	ug/L	0.033	90	32	35	8	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.002	144	3	2	21	KED
⌊	**Se**	**78**	**-0.116**	ug/L	0.021	18	14	10	9	KED
	Y	**89**		ug/L			716574	771365	1	Standard
	Kr	**83**		ug/L			281	311	6	Standard
⌈>	**In-1**	**115**		ug/L			26143	26006	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.001	45	7	3	54	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.008	250	4	3	96	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.003	143	4	2	129	KED
⌈>	**In**	**115**		ug/L			1390988	1508754	3	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.001	28	42	110	19	Standard
⌈	**Sb**	**121**	**-0.011**	ug/L	0.000	3	401	190	2	Standard
⌊	**Sb**	**123**	**-0.010**	ug/L	0.001	6	306	163	7	Standard
⌈	**Ba**	**135**	**-0.004**	ug/L	0.001	35	72	48	21	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.001	9	142	75	10	Standard
⌈>	**Tb**	**159**		ug/L			2935826	3089287	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	22	144	71	26	Standard
⌊	**Pb**	**208**	**-0.005**	ug/L	0.000	3	1069	504	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:26:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1067860	3	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	100	4	3	34	Standard
	C	**13**		ug/L			26149	26243	1	Standard
	Cl	**37**		ug/L			7203780	7464884	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1312968	1	Standard
⌈	**V**	**51**	**-0.015**	ug/L	0.004	29	6817	5915	3	Standard
⌊	**V-1**	**51**	**0.016**	ug/L	0.001	4	591	1007	2	Standard
⌈	**Cr**	**52**	**-0.057**	ug/L	0.008	13	20282	17461	2	Standard
⌊	**Cr**	**53**	**0.043**	ug/L	0.008	18	300	403	4	Standard
⌈	**Fe**	**54**	**-19.851**	ug/L	0.195	0	99061	36707	0	Standard
⌊	**Fe**	**57**	**-6.053**	ug/L	0.458	7	23749	15742	1	Standard
⌈	**Mn**	**55**	**-0.009**	ug/L	0.001	7	924	515	4	Standard
⌈>	**Ge**	**72**		ug/L			92215	85583	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	71	5	3	34	KED
⌊	**Ni**	**60**	**-0.010**	ug/L	0.011	114	37	20	80	KED
⌈	**Ni**	**62**	**-0.006**	ug/L	0.005	81	6	4	24	KED
⌈	**Cu**	**63**	**-0.020**	ug/L	0.003	13	150	54	23	KED
⌊	**Cu**	**65**	**-0.022**	ug/L	0.004	18	82	29	32	KED
⌈	**Zn**	**66**	**-0.145**	ug/L	0.011	7	218	114	4	KED
⌊	**Zn**	**67**	**-0.083**	ug/L	0.097	116	32	21	44	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.003	355	3	2	39	KED
⌊	**Se**	**78**	**-0.051**	ug/L	0.094	186	14	11	26	KED
	Y	**89**		ug/L			716574	652188	2	Standard
	Kr	**83**		ug/L			281	283	4	Standard
⌈>	**In-1**	**115**		ug/L			26143	23517	1	KED
⌈	**Mo**	**98**	**-0.003**	ug/L	0.001	29	7	2	37	KED
⌈	**Cd**	**111**	**-0.005**	ug/L	0.002	32	4	2	24	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.005	315	4	2	182	KED
⌈>	**In**	**115**		ug/L			1390988	1256418	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	21	42	54	7	Standard
⌈	**Sb**	**121**	**-0.014**	ug/L	0.000	3	401	103	10	Standard
⌊	**Sb**	**123**	**-0.013**	ug/L	0.001	4	306	87	7	Standard
⌈	**Ba**	**135**	**-0.007**	ug/L	0.001	16	72	20	32	Standard
⌊	**Ba**	**137**	**-0.008**	ug/L	0.001	9	142	40	18	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2707967	0	Standard
⌈	**Tl**	**205**	**0.007**	ug/L	0.000	7	144	706	5	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	4	1069	276	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:31:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1085786	5	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	35	4	1	86	Standard
	C	**13**		ug/L			26149	26095	1	Standard
	Cl	**37**		ug/L			7203780	7501825	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1334279	1	Standard
⌈	**V**	**51**	**-0.013**	ug/L	0.008	64	6817	6071	3	Standard
⌊	**V-1**	**51**	**0.013**	ug/L	0.002	17	591	927	6	Standard
⌈	**Cr**	**52**	**-0.054**	ug/L	0.023	41	20282	17826	2	Standard
⌊	**Cr**	**53**	**0.029**	ug/L	0.005	16	300	369	4	Standard
⌈	**Fe**	**54**	**-20.173**	ug/L	0.170	0	99061	36388	1	Standard
⌊	**Fe**	**57**	**-6.017**	ug/L	0.102	1	23749	16039	0	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.005	66	924	618	29	Standard
⌈>	**Ge**	**72**		ug/L			92215	87581	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	177	5	3	91	KED
⌊	**Ni**	**60**	**-0.016**	ug/L	0.005	28	37	10	66	KED
⌈	**Ni**	**62**	**-0.002**	ug/L	0.020	1322	6	5	88	KED
⌈	**Cu**	**63**	**-0.021**	ug/L	0.002	11	150	50	22	KED
⌊	**Cu**	**65**	**-0.022**	ug/L	0.001	5	82	29	7	KED
⌈	**Zn**	**66**	**-0.175**	ug/L	0.020	11	218	98	14	KED
⌊	**Zn**	**67**	**-0.131**	ug/L	0.034	25	32	17	19	KED
⌈	**As**	**75**	**0.001**	ug/L	0.001	89	3	3	14	KED
⌊	**Se**	**78**	**0.016**	ug/L	0.021	133	14	14	3	KED
	Y	**89**		ug/L			716574	666295	1	Standard
	Kr	**83**		ug/L			281	293	8	Standard
⌈>	**In-1**	**115**		ug/L			26143	23123	2	KED
⌈	**Mo**	**98**	**-0.001**	ug/L	0.002	158	7	4	69	KED
⌊	**Cd**	**111**	**-0.003**	ug/L	0.003	83	4	2	33	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.002	2535	4	3	52	KED
⌈>	**In**	**115**		ug/L			1390988	1266017	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	20	42	33	3	Standard
⌈	**Sb**	**121**	**-0.014**	ug/L	0.000	2	401	97	7	Standard
⌊	**Sb**	**123**	**-0.015**	ug/L	0.001	5	306	63	17	Standard
⌈	**Ba**	**135**	**-0.007**	ug/L	0.001	16	72	20	37	Standard
⌊	**Ba**	**137**	**-0.007**	ug/L	0.001	20	142	43	39	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2720881	0	Standard
⌈	**Tl**	**205**	**0.004**	ug/L	0.001	20	144	456	13	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	4	1069	234	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 09:36:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062321.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1113853	1087454	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	81	4	1	100	Standard
	C	**13**		ug/L			26149	25570	1	Standard
	Cl	**37**		ug/L			7203780	7537825	0	Standard
⌈>	**Sc**	**45**		ug/L			1411304	1302627	0	Standard
⌈	**V**	**51**	**-0.013**	ug/L	0.005	34	6817	5921	2	Standard
⌊	**V-1**	**51**	**0.011**	ug/L	0.000	4	591	861	1	Standard
⌈	**Cr**	**52**	**-0.050**	ug/L	0.017	33	20282	17505	2	Standard
⌊	**Cr**	**53**	**0.029**	ug/L	0.004	14	300	360	3	Standard
⌈	**Fe**	**54**	**-20.001**	ug/L	0.099	0	99061	36006	0	Standard
⌊	**Fe**	**57**	**-6.066**	ug/L	0.171	2	23749	15609	0	Standard
⌊	**Mn**	**55**	**-0.009**	ug/L	0.000	3	924	504	2	Standard
⌈>	**Ge**	**72**		ug/L			92215	86877	0	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.000	378	5	5	21	KED
⌊	**Ni**	**60**	**-0.018**	ug/L	0.006	34	37	8	101	KED
⌈	**Ni**	**62**	**-0.009**	ug/L	0.008	87	6	3	50	KED
⌊	**Cu**	**63**	**-0.020**	ug/L	0.001	7	150	55	10	KED
⌈	**Cu**	**65**	**-0.023**	ug/L	0.005	21	82	27	37	KED
⌊	**Zn**	**66**	**0.005**	ug/L	0.071	1328	218	208	20	KED
⌈	**Zn**	**67**	**0.056**	ug/L	0.150	267	32	36	41	KED
⌊	**As**	**75**	**0.006**	ug/L	0.007	122	3	4	46	KED
⌊	**Se**	**78**	**0.021**	ug/L	0.116	565	14	14	28	KED
	Y	**89**		ug/L			716574	643777	1	Standard
	Kr	**83**		ug/L			281	283	12	Standard
⌈>	**In-1**	**115**		ug/L			26143	23086	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.001	54	7	3	47	KED
⌊	**Cd**	**111**	**-0.004**	ug/L	0.004	101	4	2	57	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	441	4	3	95	KED
⌈>	**In**	**115**		ug/L			1390988	1279747	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	106	42	34	11	Standard
⌊	**Sb**	**121**	**-0.016**	ug/L	0.001	7	401	66	34	Standard
⌈	**Sb**	**123**	**-0.015**	ug/L	0.000	1	306	62	7	Standard
⌊	**Ba**	**135**	**-0.006**	ug/L	0.000	5	72	26	7	Standard
⌊	**Ba**	**137**	**-0.008**	ug/L	0.001	16	142	40	34	Standard
⌈>	**Tb**	**159**		ug/L			2935826	2701082	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	9	144	298	4	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	1	1069	194	4	Standard

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EF00073
Instrument: ICPMS1
Calibration Date: 06/24/2021 13:47

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cadmium-111	0	0	0.1	490	10	479	20	472.05	50	444	100	448.81
Cadmium-114	0	0	0.1	1180	10	1250.8	20	1223.8	50	1146.52	100	1161.9
Copper-63	0	0	0.5	7078	10	5743.1	20	5682	50	5377.56	100	5406.01
Copper-65	0	0	0.5	3570	10	2832.9	20	2823.75	50	2606.7	100	2662.8
Zinc-66	0	0	6	1437.833	10	1097.2	20	917.4	50	790.7	100	808.72
Zinc-67	0	0	6	205.1667	10	177.3	20	148.15	50	133.72	100	132.18
Cadmium-111, Dissolved	0	0	0.1	490	10	479	20	472.05	50	444	100	448.81
Cadmium-114, Dissolved	0	0	0.1	1180	10	1250.8	20	1223.8	50	1146.52	100	1161.9
Copper-63, Dissolved	0	0	0.5	7078	10	5743.1	20	5682	50	5377.56	100	5406.01
Copper-65, Dissolved	0	0	0.5	3570	10	2832.9	20	2823.75	50	2606.7	100	2662.8
Zinc-66, Dissolved	0	0	6	1437.833	10	1097.2	20	917.4	50	790.7	100	808.72
Zinc-67, Dissolved	0	0	6	205.1667	10	177.3	20	148.15	50	133.72	100	132.18

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00073	Instrument:	ICPMS1
Calibration Date:	06/24/2021 13:47		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Cadmium-111	388.9767	49.2	0.9998		0.998	
Cadmium-114	993.8367	49.1	0.9998		0.998	
Copper-63	4881.112	50.6	0.9999		0.998	
Copper-65	2416.025	51.0	0.9997		0.998	
Zinc-66	841.9756	56.7	0.9973		0.998	*
Zinc-67	132.7528	53.4	0.9988		0.998	
Cadmium-111, Dissolved	388.9767	49.2	0.9998		0.998	
Cadmium-114, Dissolved	993.8367	49.1	0.9998		0.998	
Copper-63, Dissolved	4881.112	50.6	0.9999		0.998	
Copper-65, Dissolved	2416.025	51.0	0.9997		0.998	
Zinc-66, Dissolved	841.9756	56.7	0.9973		0.998	*
Zinc-67, Dissolved	132.7528	53.4	0.9988		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** 55FΦ364 **Cal:** EFΦΦΦ73

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	SEQ-CAL1			
		-CAL2			
		-CAL3			
		-CAL4			
		-CAL5			
		-CAL6			Ag, Sb^{121} int. ↑
		-IBL1			
		-ICV1			In^{-1} noisy / multiple almost ↓
		-ICV1			Ag ↓
		SEQ-CAL1	56715		
		-CAL2	56285		
		-CAL3	56286		
		-CAL4	56287		
		-CAL5	56716		
		-CAL6	56288		
		-IBL1	—		
		-ICV1	56292		
		-ICB1	56715		
		-CCV1	56716		
		-CCB1	56715		
		-CRL1	56285		
		-IFA1	55760		V-1, C^{53} ↑
		-IFB1	55761		↓
		-HCV1	56678		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-HCV2	JG294		
		↓ -IBL2&3	—		
		-CCV2			
		↓ -CCB2			
		21FD095-Φ1	REN		As, Se only
		21FΦ131-Φ1	↓	2	Cu, Ni, Zn / Cd NR only
		21FΦ160-Φ1			
		21FΦ163-Φ1			
		21FΦ185-Φ1			
		↓ -Φ3			Sc↑ V NR
		21FΦ192-Φ1			
		21FΦ193-Φ1	↓		
		SEQ-IBL4			
	✓	BTFΦ57Φ-BLK2	REN		(Cr^{53} ½ RL)
		SEQ-CCV3			
		-CCB3			
	✓	-CAL1			
		-CCV4			
		↓ -CCB4			
		BTFΦ57Φ-BLK2	REN		Cr only
	✓	21EΦ314-Φ3	↓	2	Sc↑
		SEQ-IBL5			
		21FΦ185-Φ3REI	REN	2	V only
		21FΦ131-Φ1REI	↓	5	Cd only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21EΦ314-Φ3	REN	5	Al only
5x Dil.		BJFΦ279-DUPG	↓	↓	↓
↓		↓ -MSG			
		↓ -MSDG	↓	↓	
		SEQ-IBL6			
		↓ -CCV5			
		↓ -CCB5			
	✓	21FΦ2Φ7-Φ1	REN	2	Int. STDs ↓
		SEQ-IBL7			
		21FΦ2Φ9-Φ1	REN		Sc, Ge, In ↓ Pb only/As NR
		SEQ-IBL8			
		21FΦ229-Φ1	REN		
		21FΦ222-Φ1	↓	50	
		21FΦ2Φ9-Φ7	↓	2	
		↓ -24	↓	↓	Ge, In; In ↓ / Pb only / As NR
		SEQ-IBL9			
		↓ -CCV6			
		↓ -CCB6			
		21FΦ2Φ9-ΦIREI	REN	2	As only
		↓ -24REI	↓	10	↓
		-Φ3		5	
	✓	-Φ5		↓	Re-Run @ 1x
	✓	-1Φ			↓
	✓	↓ -12	↓	↓	↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	21FΦ2Φ9-14	REN	5	Re-Run @ 1x
	✓	-16	↓	↓	↓
	✓	-2Φ	↓	↓	↓
		SEQ-IBLA			
		-CCV7			
		-CCB7			
	✓	21FΦ2Φ9-22	REN	5	Re-Run @ 1x
	✓	-18	↓	↓	↓
	✓	BJFΦ6Φ1-DUP1	↓	↓	↓
	✓	-MS1	↓	↓	↓
	✓	-MSD1	↓	↓	↓
	✓	21FΦ2Φ7-Φ3	↓	↓	↓
		-Φ1	↓	10	
		-Φ3	↓		
		SEQ-IBLB			
		-CCV8			
		-CCB8			
	✓	-CAL1			
		-CCV9			
		-CCB9			
		BJFΦ654-BLK1	REN		
		-BS1	↓		
		BJFΦ655-BLK1	↓		Mn↑ (0.622) - Re-run 6/25 - Mn OK / Mn NR
		-BS1	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ13Φ-4Φ	REN		(CdNO-NR + Reprep @ 5x) Cd NR
		21FΦ123-2Φ	↓		↓ ↓
		-36	↓		↓ ↓
		-41	↓		↓ ↓
		-42	↓		↓ ↓
		SEQ-IBLC			
		-CCVA			
		-CCBA			
		21FΦ13Φ-Φ8	REN		(CdNO) Cd NR
		-12	↓		↓ ↓
		-23	↓		↓ ↓
		-25	↓		↓ ↓
		-27	↓		↓ ↓
		-Φ5	↓		Mn↑ No Mn
		BJFΦ52Φ-DUP2	↓		↓ ↓
		-MS2	↓		↓ ↓
		-MSD2	↓		↓ ↓
		SEQ-IBLD			
		-CCVB			
		-CCBB			
		21FΦ13Φ-31	REN		(CdND) Cd NR
		-37	↓		↓ ↓
	✓	-43	↓		Int. STDs ↓/Mn+Zn↑
		-54	↓		(Cd ND) Cd NR

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 6/24/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLE			
130→123		21EFΦ123-18	REN		Mn, Zn↑ / No Mn, Zn
		BJFΦ654-DUP1	↓		↓ / ↓
		-MS1			
		-MSD1	↓		↓ / ↓
		SEQ-IBLF			
		-CCVC			Ba↓ - Not Needed
		-CCBC			
		21FΦ123-19	REN		(Cd NO) / Cd NR
		-22	↓		↓ / ↓
		-23			Mn, Zn↑ / No Mn, Zn
		-24			Mn↑ / No Mn
		-25			
		-26			Mn↑ / No Mn
		-27			↓ / ↓
		-28			
		-29	↓		(Cd NO) / Cd NR
		SEQ-IBLG			
		-CCVD			Ba↓ - Not Needed
		-CCBD			
		21FΦ123-3Φ	REN		(Cd NO) / Cd NR
		-31	↓		↓ / ↓
		-32			
		-33	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-34	REN		Mn↑ No Mn
		-35			(Cd ND) Cd NR
		-37			
		-38			
		-39			
		SEQ-IBL4			
		-CCVE			Ba↓ - Not Needed
		-CCBE			
		21FΦ123-4Φ	REN		(Cd ND) Cd NR
		-Φ2			Mn, Zn, Cd↑ No Mn, Zn
		-Φ3			(Cd ND) Cd NR
		-Φ4			
		-Φ6			
		-Φ1			
		BJFΦ655-DUP1			
		-MS1			
		-MSD1			
		SEQ-IBL5			
		-CCVF			V, Cr52, Ba↓ - Not Needed
		-CCBF			
		21FΦ123-Φ7	REN		
		-Φ8			
		-Φ9			
		-1Φ			(Cd ND) Cd NR

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/24/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-11	REN		Mn+Zn↑ No Mn, Zn
		-12	↑		Mn↑ No Mn
		-13			(Cd ND) Cd NR
		-14			Mn↑ No Mn
		-15	↓		Mn+Zn↑ No Mn, Zn
		SEQ-IBLJ			
		-CCVG			V^{51}, Cr^{52}, Ba↓ - Not Needed
		-CCBG			
		21FΦ123-16	REN		Mn↑/(Cd ND) No Mn/Cd NR
		-17	↓		Ge, In↓/Mn+Zn↑/Al, Pb only
		-21	↓		Zn↑ No Zn
		SEQ-IBLK			
		-CCVH			V, Cr^{52}, Ba↓ - Not Needed
		-CCBH			
		Rinse/DI			
			MB 6/24/21		

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, June 24, 2021 11:10:41
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11047
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9970.9	9966.501	90.141	0.9	Standard
	In	114.9	125678.4	-1265310.075	1775.824	0.1	Standard
	U	238.1	179589.7	179589.663	2297.840	1.3	Standard
⌈	CeO	155.9	3130.9	0.021	0.000	1.7	Standard
| >	Ce	139.9	152511.7	152511.655	796.657	0.5	Standard
⌊	Ce++	70.0	1988.3	0.013	0.000	1.0	Standard
	Bkgd	220.0	0.6	0.600	0.384	63.9	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/24/2021 11:10:29 AM
End Time: 6/24/2021 11:21:10 AM

STD Performance Check - [Passed] Optimum value(s): N/A
- Obtained Intensity (Be 9): 9970.95
- Obtained Intensity (In 115): 125678.36
- Obtained Intensity (U 238): 179589.66
- Obtained Intensity (Bkgd 220): 0.60
- Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1988.34 / 152511.65)
- Obtained Formula (CeO 156 / Ce 140): 0.021 (=3130.88 / 152511.65)
- Obtained RSD (Be 9): 0.0090
- Obtained RSD (In 115): 0.0014
- Obtained RSD (U 238): 0.0128

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.89 mm	-0.65 mm	136192.11

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.96
- Obtained Intensity (In 115): 136433.40
- Obtained Formula (CeO 156 / Ce 140): 0.0196 (=3186.36 / 162212.76)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
- Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.711)
- Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.718)
- Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.704)
- Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.707)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.959; Intercept = -14.21

KED Mode QID - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.46

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/24/2021 11:10:29 AM

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 5
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025
                RSD Criterion: Be 9.0122 < 0.05
                RSD Criterion: In 114.904 < 0.05
                RSD Criterion: U 238.05 < 0.05

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 9970.95
                Obtained Intensity (In 115): 125678.36
                Obtained Intensity (U 238): 179589.66
                Obtained Intensity (Bkgd 220): 0.60
                Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1988.34 / 152511.65)
                Obtained Formula (CeO 156 / Ce 140): 0.021 (=3130.88 / 152511.65)
                Obtained RSD (Be 9): 0.0090
                Obtained RSD (In 115): 0.0014
                Obtained RSD (U 238): 0.0128

[Passed]  Optimum value(s): N/A

Torch Alignment
        Optimization Settings:
                Method: Torch Alignment.mth.
                Intensity Criterion: In 115 Maximum

        Optimization Results:
                Vertical      Horizontal      Intensity
[Passed]        2.89 mm     -0.65 mm       136192.11

Nebulizer Gas Flow STD/KED [NEB]
        Optimization Settings:
                Method: Optimize.mth.
                        Initial Try - Start/End/Step: 0.95/0.99/0.005.
                Intensity Criterion: In 115 Maximum
                Formula Criterion: CeO 156 / Ce 140 <= 0.023

        Optimization Results:
        Initial Try

                Obtained Intensity (In 115): 136433.40
                Obtained Formula (CeO 156 / Ce 140): 0.0196 (=3186.36 / 162212.76)
[Passed]  Optimum value(s): 0.96
```

Mass Calibration and Resolution
Optimization Settings:
Method: Tuning.mth.
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Iterations: 6
Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
Peak height (%) for Res. Opt.: 10

Optimization Results:
Initial Try
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.711)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.718)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.704)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.707)
[Passed] Optimum value(s): N/A

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.959; Intercept = -14.21

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	35492
Mg	24	41	-14	61010
In	115	41	-11.5	137474
Ce	140	41	-12	162005
Pb	208	41	-10.5	100049
U	238	41	-10.5	188678

KED Mode QID
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.46

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	26011.7
Mg	24	41	-13.5	62898.2
In	115	41	-11.5	140253
Ce	140	41	-11	128253
Pb	208	41	-10	68608.4
U	238	41	-10	141926

End Time: 6/24/2021 11:21:10 AM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/24/2021 11:25:29 AM
End Time: 6/24/2021 11:26:35 AM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -13.55

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/24/2021 11:25:29 AM

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.999; Intercept = -13.55

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	34698.1
Mg	24	41	-13.5	62006.3
In	115	41	-12.5	137244
Ce	140	41	-12	157249
Pb	208	41	-10.5	97415
U	238	41	-11	187373

End Time: 6/24/2021 11:26:35 AM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, June 24, 2021 11:26:42
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11057
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9679.5	9679.479	140.387	1.5	Standard
	In	114.9	125684.4	125684.405	1704.414	1.4	Standard
	U	238.1	182262.4	182262.395	1702.594	0.9	Standard
⌈	CeO	155.9	3002.9	0.019	0.000	1.5	Standard
| >	Ce	139.9	154862.6	154862.622	1022.876	0.7	Standard
⌊	Ce++	70.0	1843.9	0.012	0.000	2.4	Standard
	Bkgd	220.0	2.3	2.300	2.422	105.3	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/24/2021 11:26:42 AM
End Time: 6/24/2021 11:28:47 AM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 9679.48
Obtained Intensity (In 115): 125684.41
Obtained Intensity (U 238): 182262.39
Obtained Intensity (Bkgd 220): 2.30
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=1843.85 / 154862.62)
Obtained Formula (CeO 156 / Ce 140): 0.019 (=3002.92 / 154862.62)
Obtained RSD (Be 9): 0.0145
Obtained RSD (In 115): 0.0136
Obtained RSD (U 238): 0.0093

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/24/2021 11:26:42 AM

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9679.48
Obtained Intensity (In 115): 125684.41
Obtained Intensity (U 238): 182262.39
Obtained Intensity (Bkgd 220): 2.30
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=1843.85 / 154862.62)
Obtained Formula (CeO 156 / Ce 140): 0.019 (=3002.92 / 154862.62)
Obtained RSD (Be 9): 0.0145
Obtained RSD (In 115): 0.0136
Obtained RSD (U 238): 0.0093

[Passed] Optimum value(s): N/A

End Time: 6/24/2021 11:28:47 AM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 12:46:06

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L				1251892	2	Standard
	Be	**9**		ug/L				3	34	Standard
	C	**13**		ug/L				23905	2	Standard
	Cl	**37**		ug/L				7742796	1	Standard
>	**Sc**	**45**		ug/L				1465367	0	Standard
	Al	**27**		ug/L				7353	1	Standard
	V	**51**		ug/L				6580	0	Standard
	V-1	**51**		ug/L				368	8	Standard
	Cr	**52**		ug/L				19512	0	Standard
	Cr	**53**		ug/L				218	3	Standard
	Mn	**55**		ug/L				938	1	Standard
>	**Ge**	**72**		ug/L				104477	4	KED
	Ni	**60**		ug/L				40	53	KED
	Ni	**62**		ug/L				9	52	KED
	Cu	**63**		ug/L				105	9	KED
	Cu	**65**		ug/L				52	16	KED
	Zn	**66**		ug/L				232	7	KED
	Zn	**67**		ug/L				38	13	KED
	As	**75**		ug/L				3	48	KED
	Se	**78**		ug/L				12	27	KED
	Y	**89**		ug/L				824047	0	Standard
	Kr	**83**		ug/L				320	10	Standard
>	**In-1**	**115**		ug/L				31855	1	KED
	Mo	**98**		ug/L				2	87	KED
	Cd	**111**		ug/L				2	88	KED
	Cd	**114**		ug/L				3	91	KED
>	**In**	**115**		ug/L				1542729	1	Standard
	Ag	**107**		ug/L				90	10	Standard
	Sb	**121**		ug/L				66	7	Standard
	Sb	**123**		ug/L				67	7	Standard
	Ba	**135**		ug/L				100	3	Standard
	Ba	**137**		ug/L				154	6	Standard
>	**Tb**	**159**		ug/L				3062842	0	Standard
	Tl	**205**		ug/L				62	10	Standard
	Pb	**208**		ug/L				1954	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 12:50:39

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1249359	0	Standard
	Be	**9**	**0.200**	ug/L	0.010	5	3	1534	5	Standard
	C	**13**		ug/L			23905	32354	2	Standard
	Cl	**37**		ug/L			7742796	7735625	0	Standard
>	**Sc**	**45**		ug/L			1465367	1506806	0	Standard
	Al	**27**	**20.000**	ug/L	0.191	0	7353	752284	1	Standard
	V	**51**	**0.200**	ug/L	0.009	4	6580	13697	1	Standard
	V-1	**51**	**0.200**	ug/L	0.003	1	368	7412	2	Standard
	Cr	**52**	**0.500**	ug/L	0.025	4	19512	35939	1	Standard
	Cr	**53**	**0.500**	ug/L	0.007	1	218	2051	1	Standard
	Mn	**55**	**0.500**	ug/L	0.010	2	938	27416	1	Standard
>	**Ge**	**72**		ug/L			104477	109849	0	KED
	Ni	**60**	**0.500**	ug/L	0.024	4	40	1073	4	KED
	Ni	**62**	**0.500**	ug/L	0.027	5	9	185	5	KED
	Cu	**63**	**0.500**	ug/L	0.016	3	105	3785	3	KED
	Cu	**65**	**0.500**	ug/L	0.021	4	52	1918	3	KED
	Zn	**66**	**6.000**	ug/L	0.022	0	232	8769	0	KED
	Zn	**67**	**6.000**	ug/L	0.101	1	38	1358	1	KED
	As	**75**	**0.200**	ug/L	0.019	9	3	86	9	KED
	Se	**78**	**0.500**	ug/L	0.146	29	12	37	19	KED
	Y	**89**		ug/L			824047	838348	1	Standard
	Kr	**83**		ug/L			320	324	6	Standard
>	**In-1**	**115**		ug/L			31855	30519	0	KED
	Mo	**98**	**0.200**	ug/L	0.010	4	2	423	3	KED
	Cd	**111**	**0.100**	ug/L	0.030	30	2	61	28	KED
	Cd	**114**	**0.100**	ug/L	0.006	5	3	126	5	KED
>	**In**	**115**		ug/L			1542729	1544630	0	Standard
	Ag	**107**	**0.200**	ug/L	0.006	2	90	4877	2	Standard
	Sb	**121**	**0.200**	ug/L	0.004	1	66	4910	1	Standard
	Sb	**123**	**0.200**	ug/L	0.004	2	67	3782	2	Standard
	Ba	**135**	**0.500**	ug/L	0.008	1	100	4871	1	Standard
	Ba	**137**	**0.500**	ug/L	0.003	0	154	8398	0	Standard
>	**Tb**	**159**		ug/L			3062842	3122818	0	Standard
	Tl	**205**	**0.200**	ug/L	0.001	0	62	21768	1	Standard
	Pb	**208**	**0.100**	ug/L	0.001	1	1954	21434	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, June 24, 2021 12:55:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1236956	1	Standard
	Be	**9**	**10.000**	ug/L	0.135	1	3	80317	1	Standard
	C	**13**		ug/L			23905	59927	2	Standard
	Cl	**37**		ug/L			7742796	7758503	1	Standard
>	**Sc**	**45**		ug/L			1465367	1527354	0	Standard
	Al	**27**	**999.912**	ug/L	14.531	1	7353	30930535	0	Standard
	V	**51**	**10.000**	ug/L	0.081	0	6580	362921	0	Standard
	V-1	**51**	**10.000**	ug/L	0.099	0	368	359926	0	Standard
	Cr	**52**	**9.999**	ug/L	0.081	0	19512	333810	0	Standard
	Cr	**53**	**10.000**	ug/L	0.134	1	218	36762	0	Standard
	Mn	**55**	**9.998**	ug/L	0.174	1	938	493102	1	Standard
>	**Ge**	**72**		ug/L			104477	109931	0	KED
	Ni	**60**	**9.999**	ug/L	0.027	0	40	20047	0	KED
	Ni	**62**	**9.998**	ug/L	0.238	2	9	3215	2	KED
	Cu	**63**	**9.994**	ug/L	0.155	1	105	59275	1	KED
	Cu	**65**	**9.994**	ug/L	0.108	1	52	29650	1	KED
	Zn	**66**	**9.347**	ug/L	0.185	1	232	11492	1	KED
	Zn	**67**	**9.503**	ug/L	0.139	1	38	1876	2	KED
	As	**75**	**10.000**	ug/L	0.208	2	3	4134	2	KED
	Se	**78**	**9.999**	ug/L	0.213	2	12	481	2	KED
	Y	**89**		ug/L			824047	853676	0	Standard
	Kr	**83**		ug/L			320	330	2	Standard
>	**In-1**	**115**		ug/L			31855	30382	1	KED
	Mo	**98**	**10.000**	ug/L	0.260	2	2	20172	2	KED
	Cd	**111**	**10.000**	ug/L	0.094	0	2	4812	2	KED
	Cd	**114**	**10.000**	ug/L	0.182	1	3	12441	1	KED
>	**In**	**115**		ug/L			1542729	1566983	0	Standard
	Ag	**107**	**10.000**	ug/L	0.146	1	90	218350	0	Standard
	Sb	**121**	**10.000**	ug/L	0.211	2	66	245102	1	Standard
	Sb	**123**	**10.000**	ug/L	0.264	2	67	189603	1	Standard
	Ba	**135**	**9.998**	ug/L	0.056	0	100	89584	0	Standard
	Ba	**137**	**9.998**	ug/L	0.093	0	154	157563	0	Standard
>	**Tb**	**159**		ug/L			3062842	3178279	0	Standard
	Tl	**205**	**10.000**	ug/L	0.094	0	62	1103994	0	Standard
	Pb	**208**	**10.000**	ug/L	0.071	0	1954	1461700	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:00:00

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1245619	1	Standard
	Be	**9**	**20.017**	ug/L	0.163	0	3	162478	1	Standard
	C	**13**		ug/L			23905	54873	0	Standard
	Cl	**37**		ug/L			7742796	7723033	0	Standard
>	**Sc**	**45**		ug/L			1465367	1524684	1	Standard
	Al	**27**	**1999.698**	ug/L	13.253	0	7353	61706929	1	Standard
	V	**51**	**20.031**	ug/L	0.068	0	6580	723316	1	Standard
	V-1	**51**	**20.035**	ug/L	0.085	0	368	724604	1	Standard
	Cr	**52**	**19.999**	ug/L	0.067	0	19512	646103	1	Standard
	Cr	**53**	**20.014**	ug/L	0.191	0	218	73421	0	Standard
	Mn	**55**	**19.966**	ug/L	0.229	1	938	975520	0	Standard
>	**Ge**	**72**		ug/L			104477	109113	1	KED
	Ni	**60**	**19.942**	ug/L	0.327	1	40	39185	1	KED
	Ni	**62**	**20.102**	ug/L	0.077	0	9	6539	0	KED
	Cu	**63**	**19.939**	ug/L	0.173	0	105	115862	0	KED
	Cu	**65**	**19.900**	ug/L	0.107	0	52	57407	0	KED
	Zn	**66**	**18.651**	ug/L	0.140	0	232	18834	0	KED
	Zn	**67**	**18.827**	ug/L	0.383	2	38	3119	1	KED
	As	**75**	**20.027**	ug/L	0.123	0	3	8259	0	KED
	Se	**78**	**20.050**	ug/L	0.171	0	12	955	1	KED
	Y	**89**		ug/L			824047	848216	0	Standard
	Kr	**83**		ug/L			320	327	8	Standard
>	**In-1**	**115**		ug/L			31855	30325	1	KED
	Mo	**98**	**20.053**	ug/L	0.301	1	2	40805	0	KED
	Cd	**111**	**19.919**	ug/L	0.130	0	2	9413	0	KED
	Cd	**114**	**19.985**	ug/L	0.400	2	3	24743	1	KED
>	**In**	**115**		ug/L			1542729	1543169	0	Standard
	Ag	**107**	**20.104**	ug/L	0.356	1	90	441456	1	Standard
	Sb	**121**	**20.055**	ug/L	0.267	1	66	489449	1	Standard
	Sb	**123**	**20.045**	ug/L	0.247	1	67	377677	1	Standard
	Ba	**135**	**20.106**	ug/L	0.277	1	100	181160	1	Standard
	Ba	**137**	**20.077**	ug/L	0.261	1	154	316266	1	Standard
>	**Tb**	**159**		ug/L			3062842	3157445	1	Standard
	Tl	**205**	**20.289**	ug/L	0.156	0	62	2361382	0	Standard
	Pb	**208**	**20.002**	ug/L	0.222	1	1954	2903542	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:04:57

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1221259	1	Standard
	Be	**9**	**49.792**	ug/L	0.151	0	3	388152	1	Standard
	C	**13**		ug/L			23905	26472	2	Standard
	Cl	**37**		ug/L			7742796	7653088	0	Standard
>	**Sc**	**45**		ug/L			1465367	1500815	0	Standard
	Al	**27**	**4980.983**	ug/L	89.368	1	7353	148452736	0	Standard
	V	**51**	**49.744**	ug/L	0.288	0	6580	1714496	1	Standard
	V-1	**51**	**49.749**	ug/L	0.205	0	368	1727302	1	Standard
	Cr	**52**	**49.801**	ug/L	0.396	0	19512	1523924	0	Standard
	Cr	**53**	**49.815**	ug/L	0.413	0	218	176298	0	Standard
	Mn	**55**	**50.137**	ug/L	0.790	1	938	2443202	0	Standard
>	**Ge**	**72**		ug/L			104477	107024	1	KED
	Ni	**60**	**49.769**	ug/L	0.439	0	40	93697	0	KED
	Ni	**62**	**49.664**	ug/L	0.581	1	9	15319	1	KED
	Cu	**63**	**49.672**	ug/L	0.672	1	105	273960	0	KED
	Cu	**65**	**49.578**	ug/L	1.080	2	52	134503	0	KED
	Zn	**66**	**48.220**	ug/L	0.313	0	232	40667	0	KED
	Zn	**67**	**48.257**	ug/L	1.033	2	38	6699	1	KED
	As	**75**	**49.753**	ug/L	0.323	0	3	19634	1	KED
	Se	**78**	**49.770**	ug/L	0.591	1	12	2255	2	KED
	Y	**89**		ug/L			824047	832923	2	Standard
	Kr	**83**		ug/L			320	328	12	Standard
>	**In-1**	**115**		ug/L			31855	30261	0	KED
	Mo	**98**	**49.770**	ug/L	0.611	1	2	98792	0	KED
	Cd	**111**	**49.727**	ug/L	0.356	0	2	22822	0	KED
	Cd	**114**	**49.670**	ug/L	0.503	1	3	59409	1	KED
>	**In**	**115**		ug/L			1542729	1536292	1	Standard
	Ag	**107**	**49.331**	ug/L	0.848	1	90	1010477	0	Standard
	Sb	**121**	**49.409**	ug/L	0.546	1	66	1133188	0	Standard
	Sb	**123**	**49.475**	ug/L	1.013	2	67	881403	1	Standard
	Ba	**135**	**49.691**	ug/L	0.233	0	100	432183	1	Standard
	Ba	**137**	**49.664**	ug/L	0.576	1	154	753250	0	Standard
>	**Tb**	**159**		ug/L			3062842	3150417	0	Standard
	Tl	**205**	**49.567**	ug/L	0.598	1	62	5517159	0	Standard
	Pb	**208**	**49.802**	ug/L	0.442	0	1954	7070876	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, June 24, 2021 13:11:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1251892	1187851	1	Standard
	Be	9	100.878	ug/L	1.324	1	3	787821	0	Standard
	C	13		ug/L			23905	42967	0	Standard
	Cl	37		ug/L			7742796	7616134	0	Standard
>	Sc	45		ug/L			1465367	1463725	0	Standard
	Al	27	10033.003	ug/L	67.765	0	7353	294896965	1	Standard
	V	51	101.830	ug/L	1.461	1	6580	3637215	0	Standard
	V-1	51	101.589	ug/L	1.484	1	368	3631596	0	Standard
	Cr	52	101.290	ug/L	1.177	1	19512	3136767	0	Standard
	Cr	53	100.508	ug/L	1.125	1	218	352657	0	Standard
	Mn	55	100.249	ug/L	1.518	1	938	4803477	0	Standard
>	Ge	72		ug/L			104477	105105	1	KED
	Ni	60	100.368	ug/L	0.724	0	40	187830	1	KED
	Ni	62	100.307	ug/L	1.294	1	9	30686	0	KED
	Cu	63	100.298	ug/L	1.327	1	105	548586	0	KED
	Cu	65	100.244	ug/L	0.786	0	52	269245	0	KED
	Zn	66	99.649	ug/L	1.222	1	232	81340	0	KED
	Zn	67	99.796	ug/L	1.815	1	38	13473	0	KED
	As	75	100.571	ug/L	1.921	1	3	39722	0	KED
	Se	78	100.344	ug/L	0.716	0	12	4505	1	KED
	Y	89		ug/L			824047	820093	0	Standard
	Kr	83		ug/L			320	380	5	Standard
>	In-1	115		ug/L			31855	29090	1	KED
	Mo	98	101.243	ug/L	2.305	2	2	201514	1	KED
	Cd	111	100.814	ug/L	1.996	1	2	45710	0	KED
	Cd	114	100.682	ug/L	1.063	1	3	118436	0	KED
>	In	115		ug/L			1542729	1463426	3	Standard
	Ag	107	102.385	ug/L	2.949	2	90	2169283	0	Standard
	Sb	121	102.236	ug/L	4.176	4	66	2411616	0	Standard
	Sb	123	100.796	ug/L	2.839	2	67	1756869	2	Standard
	Ba	135	101.255	ug/L	2.556	2	100	875029	1	Standard
	Ba	137	101.277	ug/L	3.133	3	154	1527329	1	Standard
>	Tb	159		ug/L			3062842	3104639	0	Standard
	Tl	205	100.128	ug/L	0.701	0	62	11030287	0	Standard
	Pb	208	101.017	ug/L	0.979	0	1954	14627351	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:18:52

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1211152	1	Standard
	Be	**9**	**0.001**	ug/L	0.001	124	3	7	75	Standard
	C	**13**		ug/L			23905	24637	0	Standard
	Cl	**37**		ug/L			7742796	7287298	0	Standard
>	**Sc**	**45**		ug/L			1465367	1481494	1	Standard
	Al	**27**	**-0.063**	ug/L	0.001	1	7353	5571	1	Standard
	V	**51**	**0.000**	ug/L	0.002	790	6580	6661	0	Standard
	V-1	**51**	**-0.001**	ug/L	0.001	54	368	322	7	Standard
	Cr	**52**	**-0.006**	ug/L	0.002	39	19512	19547	0	Standard
	Cr	**53**	**-0.011**	ug/L	0.003	24	218	181	6	Standard
	Mn	**55**	**-0.005**	ug/L	0.001	18	938	693	5	Standard
>	**Ge**	**72**		ug/L			104477	105682	0	KED
	Ni	**60**	**-0.009**	ug/L	0.003	29	40	22	22	KED
	Ni	**62**	**-0.015**	ug/L	0.013	85	9	5	78	KED
	Cu	**63**	**0.003**	ug/L	0.004	159	105	120	17	KED
	Cu	**65**	**-0.002**	ug/L	0.001	41	52	47	4	KED
	Zn	**66**	**-0.144**	ug/L	0.014	9	232	117	9	KED
	Zn	**67**	**-0.149**	ug/L	0.034	23	38	18	26	KED
	As	**75**	**0.001**	ug/L	0.005	447	3	4	43	KED
	Se	**78**	**0.077**	ug/L	0.021	27	12	15	6	KED
	Y	**89**		ug/L			824047	811783	0	Standard
	Kr	**83**		ug/L			320	325	2	Standard
>	**In-1**	**115**		ug/L			31855	29595	0	KED
	Mo	**98**	**0.011**	ug/L	0.004	37	2	25	34	KED
	Cd	**111**	**0.000**	ug/L	0.004	815	2	2	57	KED
	Cd	**114**	**0.000**	ug/L	0.004	1382	3	3	134	KED
>	**In**	**115**		ug/L			1542729	1496488	1	Standard
	Ag	**107**	**0.001**	ug/L	0.001	38	90	118	8	Standard
	Sb	**121**	**0.049**	ug/L	0.001	2	66	1254	1	Standard
	Sb	**123**	**0.051**	ug/L	0.004	7	67	977	6	Standard
	Ba	**135**	**-0.007**	ug/L	0.002	26	100	36	42	Standard
	Ba	**137**	**-0.005**	ug/L	0.001	14	154	76	14	Standard
>	**Tb**	**159**		ug/L			3062842	3006999	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	12	62	322	10	Standard
	Pb	**208**	**-0.009**	ug/L	0.000	0	1954	619	0	Standard

Sample Information

Sample Date/Time: Thursday, June 24, 2021 13:11:34
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

Calibration

Analyte	Mass	r Corr Coef	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**0.9999**	0.007	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
Al	27	**1.0000**	0.020	20.00	1000	2000	5000	10000
V	51	**0.9994**	0.024	0.20	10	20	50	100
V-1	51	**0.9996**	0.024	0.20	10	20	50	100
Cr	52	**0.9997**	0.021	0.50	10	20	50	100
Cr	53	**0.9999**	0.002	0.50	10	20	50	100
Mn	55	**1.0000**	0.033	0.50	10	20	50	100
Ge	72							
Ni	60	**1.0000**	0.018	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.052	0.50	10	20	50	100
Cu	65	**0.9999**	0.026	0.50	10	20	50	100
Zn	66	**0.9988**	0.008	6.00	10	20	50	100
Zn	67	**0.9990**	0.001	6.00	10	20	50	100
As	75	**0.9999**	0.004	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**0.9997**	0.068	0.20	10	20	50	100
Cd	111	**0.9999**	0.016	0.10	10	20	50	100
Cd	114	**0.9999**	0.040	0.10	10	20	50	100
In	115							
Ag	107	**0.9990**	0.014	0.20	10	20	50	100
Sb	121	**0.9991**	0.016	0.20	10	20	50	100
Sb	123	**0.9998**	0.012	0.20	10	20	50	100
Ba	135	**0.9997**	0.006	0.50	10	20	50	100
Ba	137	**0.9997**	0.010	0.50	10	20	50	100
Tb	159							
Tl	205	**0.9999**	0.035	0.20	10	20	50	100
Pb	208	**0.9998**	0.047	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:30:43

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1227237	1	Standard
	Be	**9**	**45.664**	ug/L	0.618	1	3	368461	0	Standard
	C	**13**		ug/L			23905	29862	1	Standard
	Cl	**37**		ug/L			7742796	7548866	0	Standard
>	**Sc**	**45**		ug/L			1465367	1525747	2	Standard
	Al	**27**	**4665.291**	ug/L	13.281	0	7353	142936136	2	Standard
	V	**51**	**45.964**	ug/L	0.785	1	6580	1714825	0	Standard
	V-1	**51**	**46.258**	ug/L	0.781	1	368	1723658	0	Standard
	Cr	**52**	**46.344**	ug/L	0.702	1	19512	1506757	0	Standard
	Cr	**53**	**47.299**	ug/L	0.660	1	218	173088	0	Standard
	Mn	**55**	**47.975**	ug/L	1.073	2	938	2396092	0	Standard
>	**Ge**	**72**		ug/L			104477	104135	2	KED
	Ni	**60**	**50.095**	ug/L	0.492	0	40	92901	2	KED
	Ni	**62**	**49.824**	ug/L	0.460	0	9	15107	2	KED
	Cu	**63**	**49.510**	ug/L	0.793	1	105	268359	2	KED
	Cu	**65**	**49.484**	ug/L	0.686	1	52	131693	1	KED
	Zn	**66**	**48.157**	ug/L	0.482	1	232	39066	1	KED
	Zn	**67**	**47.700**	ug/L	0.424	0	38	6402	3	KED
	As	**75**	**48.675**	ug/L	0.202	0	3	19052	2	KED
	Se	**78**	**74.755**	ug/L	0.716	0	12	3329	3	KED
	Y	**89**		ug/L			824047	831619	1	Standard
	Kr	**83**		ug/L			320	323	4	Standard
>	**In-1**	**115**		ug/L			31855	28896	9	KED
	Mo	**98**	**48.612**	ug/L	2.412	4	2	95841	4	KED
	Cd	**111**	**47.764**	ug/L	2.020	4	2	21464	5	KED
	Cd	**114**	**48.482**	ug/L	1.592	3	3	56550	6	KED
>	**In**	**115**		ug/L			1542729	1500056	1	Standard
	Ag	**107**	**45.283**	ug/L	0.598	1	90	984021	1	Standard
	Sb	**121**	**46.074**	ug/L	0.935	2	66	1114836	0	Standard
	Sb	**123**	**48.654**	ug/L	1.347	2	67	869431	1	Standard
	Ba	**135**	**47.141**	ug/L	0.819	1	100	417830	2	Standard
	Ba	**137**	**47.306**	ug/L	0.585	1	154	731762	1	Standard
>	**Tb**	**159**		ug/L			3062842	3130445	1	Standard
	Tl	**205**	**48.306**	ug/L	0.260	0	62	5365654	0	Standard
	Pb	**208**	**47.497**	ug/L	0.132	0	1954	6935920	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:36:51

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1251892	1221539	1	Standard
	Be	**9**	**46.653**	ug/L	0.546	1	3	374701	0	Standard
	C	**13**		ug/L			23905	28246	0	Standard
	Cl	**37**		ug/L			7742796	7664235	0	Standard
>	**Sc**	**45**		ug/L			1465367	1507306	1	Standard
	Al	**27**	**4749.836**	ug/L	39.379	0	7353	143758224	0	Standard
	V	**51**	**45.763**	ug/L	0.247	0	6580	1687034	1	Standard
	V-1	**51**	**46.288**	ug/L	0.228	0	368	1704228	1	Standard
	Cr	**52**	**45.550**	ug/L	0.739	1	19512	1463535	1	Standard
	Cr	**53**	**47.262**	ug/L	0.751	1	218	170877	1	Standard
	Mn	**55**	**47.997**	ug/L	0.299	0	938	2368804	1	Standard
>	**Ge**	**72**		ug/L			104477	105796	1	KED
	Ni	**60**	**47.723**	ug/L	0.704	1	40	89909	0	KED
	Ni	**62**	**48.893**	ug/L	1.320	2	9	15058	0	KED
	Cu	**63**	**47.886**	ug/L	0.400	0	105	263707	0	KED
	Cu	**65**	**48.505**	ug/L	0.712	1	52	131154	0	KED
	Zn	**66**	**46.375**	ug/L	1.200	2	232	38230	2	KED
	Zn	**67**	**47.146**	ug/L	0.205	0	38	6428	1	KED
	As	**75**	**47.265**	ug/L	0.730	1	3	18794	1	KED
	Se	**78**	**74.493**	ug/L	0.622	0	12	3369	1	KED
	Y	**89**		ug/L			824047	838229	1	Standard
	Kr	**83**		ug/L			320	351	2	Standard
>	**In-1**	**115**		ug/L			31855	29658	0	KED
	Mo	**98**	**47.133**	ug/L	0.517	1	2	95655	0	KED
	Cd	**111**	**47.903**	ug/L	0.842	1	2	22146	0	KED
	Cd	**114**	**47.598**	ug/L	1.059	2	3	57083	1	KED
>	**In**	**115**		ug/L			1542729	1533301	0	Standard
	Ag	**107**	**44.734**	ug/L	0.724	1	90	993689	1	Standard
	Sb	**121**	**45.102**	ug/L	0.192	0	66	1115705	0	Standard
	Sb	**123**	**47.306**	ug/L	0.957	2	67	864259	2	Standard
	Ba	**135**	**45.579**	ug/L	0.322	0	100	412960	1	Standard
	Ba	**137**	**46.137**	ug/L	0.412	0	154	729511	0	Standard
>	**Tb**	**159**		ug/L			3062842	3118881	1	Standard
	Tl	**205**	**47.924**	ug/L	0.199	0	62	5303761	1	Standard
	Pb	**208**	**47.518**	ug/L	0.142	0	1954	6913201	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:47:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1215570	2	Standard
⌊	**Be**	**9**		ug/L				10	26	Standard
	C	**13**		ug/L				24710	0	Standard
	Cl	**37**		ug/L				7217379	0	Standard
⌈>	**Sc**	**45**		ug/L				1464999	1	Standard
⌈	**Al**	**27**		ug/L				5326	2	Standard
⌈	**V**	**51**		ug/L				6586	1	Standard
⌈	**V-1**	**51**		ug/L				310	0	Standard
⌈	**Cr**	**52**		ug/L				19577	1	Standard
⌈	**Cr**	**53**		ug/L				205	2	Standard
⌊	**Mn**	**55**		ug/L				687	2	Standard
⌈>	**Ge**	**72**		ug/L				104412	2	KED
⌈	**Ni**	**60**		ug/L				19	22	KED
⌈	**Ni**	**62**		ug/L				6	68	KED
⌈	**Cu**	**63**		ug/L				97	12	KED
⌈	**Cu**	**65**		ug/L				48	22	KED
⌈	**Zn**	**66**		ug/L				109	10	KED
⌈	**Zn**	**67**		ug/L				17	40	KED
⌈	**As**	**75**		ug/L				5	13	KED
⌊	**Se**	**78**		ug/L				12	17	KED
	Y	**89**		ug/L				812004	3	Standard
	Kr	**83**		ug/L				307	12	Standard
⌈>	**In-1**	**115**		ug/L				30583	1	KED
⌈	**Mo**	**98**		ug/L				12	38	KED
⌈	**Cd**	**111**		ug/L				2	65	KED
⌊	**Cd**	**114**		ug/L				1	116	KED
⌈>	**In**	**115**		ug/L				1489880	0	Standard
⌈	**Ag**	**107**		ug/L				86	12	Standard
⌈	**Sb**	**121**		ug/L				418	4	Standard
⌈	**Sb**	**123**		ug/L				364	10	Standard
⌈	**Ba**	**135**		ug/L				53	16	Standard
⌊	**Ba**	**137**		ug/L				71	10	Standard
⌈>	**Tb**	**159**		ug/L				3005476	1	Standard
⌈	**Tl**	**205**		ug/L				266	5	Standard
⌊	**Pb**	**208**		ug/L				533	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:52:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1265391	1	Standard
⌊	**Be**	**9**	**0.200**	ug/L	0.000	0	10	1551	0	Standard
	C	**13**		ug/L			24710	31770	0	Standard
	Cl	**37**		ug/L			7217379	7244498	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1487439	2	Standard
⌈	**Al**	**27**	**20.000**	ug/L	0.297	1	5326	755351	1	Standard
⌊	**V**	**51**	**0.200**	ug/L	0.002	0	6586	13645	2	Standard
⌈	**V-1**	**51**	**0.200**	ug/L	0.004	1	310	7401	0	Standard
⌊	**Cr**	**52**	**0.500**	ug/L	0.022	4	19577	35806	0	Standard
⌈	**Cr**	**53**	**0.500**	ug/L	0.029	5	205	2049	2	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.013	2	687	27293	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	105943	0	KED
⌈	**Ni**	**60**	**0.500**	ug/L	0.046	9	19	1063	9	KED
⌊	**Ni**	**62**	**0.500**	ug/L	0.025	4	6	181	4	KED
⌈	**Cu**	**63**	**0.500**	ug/L	0.012	2	97	3539	2	KED
⌊	**Cu**	**65**	**0.500**	ug/L	0.024	4	48	1785	3	KED
⌈	**Zn**	**66**	**6.000**	ug/L	0.060	1	109	8627	1	KED
⌊	**Zn**	**67**	**6.000**	ug/L	0.282	4	17	1231	3	KED
⌈	**As**	**75**	**0.200**	ug/L	0.006	3	5	83	3	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.048	9	12	33	5	KED
	Y	**89**		ug/L			812004	813785	1	Standard
	Kr	**83**		ug/L			307	348	1	Standard
⌈>	**In-1**	**115**		ug/L			30583	29745	1	KED
⌈	**Mo**	**98**	**0.200**	ug/L	0.009	4	12	402	2	KED
⌊	**Cd**	**111**	**0.100**	ug/L	0.010	9	2	49	10	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.018	17	1	118	16	KED
⌈>	**In**	**115**		ug/L			1489880	1494424	2	Standard
⌈	**Ag**	**107**	**0.200**	ug/L	0.003	1	86	4628	1	Standard
⌊	**Sb**	**121**	**0.200**	ug/L	0.010	5	418	4978	2	Standard
⌈	**Sb**	**123**	**0.200**	ug/L	0.008	4	364	3824	3	Standard
⌊	**Ba**	**135**	**0.500**	ug/L	0.015	2	53	4774	1	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.012	2	71	8569	1	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3032633	1	Standard
⌈	**Tl**	**205**	**0.200**	ug/L	0.004	2	266	21211	1	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.003	2	533	20854	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 13:56:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1256698	1	Standard
⌊	**Be**	**9**	**10.000**	ug/L	0.029	0	10	81864	0	Standard
	C	**13**		ug/L			24710	58675	0	Standard
	Cl	**37**		ug/L			7217379	7533557	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1499909	0	Standard
⌈	**Al**	**27**	**999.917**	ug/L	13.209	1	5326	31302688	1	Standard
⌈	**V**	**51**	**10.000**	ug/L	0.126	1	6586	360007	1	Standard
⌈	**V-1**	**51**	**10.000**	ug/L	0.101	1	310	356080	0	Standard
⌈	**Cr**	**52**	**10.000**	ug/L	0.097	0	19577	336769	1	Standard
⌈	**Cr**	**53**	**10.000**	ug/L	0.116	1	205	36799	1	Standard
⌊	**Mn**	**55**	**9.998**	ug/L	0.123	1	687	498949	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	107193	0	KED
⌈	**Ni**	**60**	**9.998**	ug/L	0.317	3	19	19502	2	KED
⌈	**Ni**	**62**	**9.997**	ug/L	0.268	2	6	3114	2	KED
⌈	**Cu**	**63**	**9.995**	ug/L	0.356	3	97	57431	3	KED
⌈	**Cu**	**65**	**9.994**	ug/L	0.261	2	48	28329	2	KED
⌈	**Zn**	**66**	**9.214**	ug/L	0.362	3	109	10972	3	KED
⌈	**Zn**	**67**	**9.578**	ug/L	0.442	4	17	1773	4	KED
⌈	**As**	**75**	**10.000**	ug/L	0.312	3	5	4040	3	KED
⌊	**Se**	**78**	**10.002**	ug/L	0.156	1	12	468	1	KED
	Y	**89**		ug/L			812004	829511	0	Standard
	Kr	**83**		ug/L			307	314	7	Standard
⌈>	**In-1**	**115**		ug/L			30583	29779	2	KED
⌈	**Mo**	**98**	**10.000**	ug/L	0.266	2	12	20466	1	KED
⌈	**Cd**	**111**	**10.000**	ug/L	0.062	0	2	4790	2	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.325	3	1	12508	0	KED
⌈>	**In**	**115**		ug/L			1489880	1480472	1	Standard
⌈	**Ag**	**107**	**10.000**	ug/L	0.244	2	86	214213	2	Standard
⌈	**Sb**	**121**	**10.000**	ug/L	0.220	2	418	238542	0	Standard
⌈	**Sb**	**123**	**10.000**	ug/L	0.275	2	364	185797	1	Standard
⌈	**Ba**	**135**	**9.999**	ug/L	0.285	2	53	88764	1	Standard
⌊	**Ba**	**137**	**9.998**	ug/L	0.209	2	71	156710	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3077639	1	Standard
⌈	**Tl**	**205**	**10.000**	ug/L	0.236	2	266	1080245	2	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.104	1	533	1423234	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:01:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1248763	1	Standard
⌊	**Be**	**9**	**19.996**	ug/L	0.134	0	10	162536	1	Standard
	C	**13**		ug/L			24710	52762	0	Standard
	Cl	**37**		ug/L			7217379	7554844	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1509885	1	Standard
⌈	**Al**	**27**	**1997.285**	ug/L	65.944	3	5326	62577099	2	Standard
⌈	**V**	**51**	**19.991**	ug/L	0.198	0	6586	716388	0	Standard
⌈	**V-1**	**51**	**20.001**	ug/L	0.157	0	310	716713	0	Standard
⌈	**Cr**	**52**	**19.899**	ug/L	0.263	1	19577	641950	0	Standard
⌈	**Cr**	**53**	**19.932**	ug/L	0.125	0	205	72644	1	Standard
⌊	**Mn**	**55**	**19.866**	ug/L	0.113	0	687	971296	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	105646	0	KED
⌈	**Ni**	**60**	**20.035**	ug/L	0.338	1	19	38764	0	KED
⌈	**Ni**	**62**	**20.215**	ug/L	0.089	0	6	6477	1	KED
⌈	**Cu**	**63**	**20.017**	ug/L	0.262	1	97	113640	0	KED
⌈	**Cu**	**65**	**20.046**	ug/L	0.050	0	48	56475	0	KED
⌈	**Zn**	**66**	**18.701**	ug/L	0.206	1	109	18348	0	KED
⌈	**Zn**	**67**	**18.912**	ug/L	0.070	0	17	2963	0	KED
⌈	**As**	**75**	**20.054**	ug/L	0.058	0	5	8068	0	KED
⌊	**Se**	**78**	**20.094**	ug/L	0.148	0	12	932	0	KED
	Y	**89**		ug/L			812004	822572	0	Standard
	Kr	**83**		ug/L			307	314	5	Standard
⌈>	**In-1**	**115**		ug/L			30583	29870	0	KED
⌈	**Mo**	**98**	**19.941**	ug/L	0.488	2	12	40458	1	KED
⌈	**Cd**	**111**	**19.929**	ug/L	0.121	0	2	9441	1	KED
⌊	**Cd**	**114**	**19.898**	ug/L	0.435	2	1	24476	1	KED
⌈>	**In**	**115**		ug/L			1489880	1532416	2	Standard
⌈	**Ag**	**107**	**19.873**	ug/L	0.360	1	86	429638	0	Standard
⌈	**Sb**	**121**	**19.806**	ug/L	0.643	3	418	470389	2	Standard
⌈	**Sb**	**123**	**19.828**	ug/L	0.381	1	364	368264	0	Standard
⌈	**Ba**	**135**	**19.878**	ug/L	0.287	1	53	178304	1	Standard
⌊	**Ba**	**137**	**19.812**	ug/L	0.249	1	71	309734	1	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3115348	1	Standard
⌈	**Tl**	**205**	**20.291**	ug/L	0.259	1	266	2355512	0	Standard
⌊	**Pb**	**208**	**19.942**	ug/L	0.349	1	533	2839408	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:06:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1228964	0	Standard
⌊	**Be**	**9**	**49.718**	ug/L	0.348	0	10	386783	0	Standard
	C	**13**		ug/L			24710	26492	0	Standard
	Cl	**37**		ug/L			7217379	7668437	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1473639	0	Standard
⌈	**Al**	**27**	**4959.824**	ug/L	34.443	0	5326	145837844	0	Standard
⌈	**V**	**51**	**49.719**	ug/L	0.286	0	6586	1682052	0	Standard
⌈	**V-1**	**51**	**49.739**	ug/L	0.363	0	310	1694888	0	Standard
⌈	**Cr**	**52**	**49.695**	ug/L	0.290	0	19577	1490598	1	Standard
⌈	**Cr**	**53**	**49.759**	ug/L	0.302	0	205	172542	0	Standard
⌊	**Mn**	**55**	**49.979**	ug/L	0.544	1	687	2378969	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	104553	0	KED
⌈	**Ni**	**60**	**49.566**	ug/L	0.459	0	19	90943	0	KED
⌈	**Ni**	**62**	**49.548**	ug/L	0.225	0	6	15023	0	KED
⌈	**Cu**	**63**	**49.633**	ug/L	0.451	0	97	268878	0	KED
⌈	**Cu**	**65**	**49.431**	ug/L	0.229	0	48	130335	0	KED
⌈	**Zn**	**66**	**48.097**	ug/L	0.066	0	109	39535	0	KED
⌈	**Zn**	**67**	**48.662**	ug/L	1.135	2	17	6686	1	KED
⌈	**As**	**75**	**49.691**	ug/L	0.638	1	5	19183	0	KED
⌊	**Se**	**78**	**49.633**	ug/L	1.305	2	12	2179	2	KED
	Y	**89**		ug/L			812004	822469	0	Standard
	Kr	**83**		ug/L			307	358	9	Standard
⌈>	**In-1**	**115**		ug/L			30583	29065	1	KED
⌈	**Mo**	**98**	**49.896**	ug/L	0.372	0	12	97487	1	KED
⌈	**Cd**	**111**	**49.686**	ug/L	0.684	1	2	22200	0	KED
⌊	**Cd**	**114**	**49.636**	ug/L	0.212	0	1	57326	1	KED
⌈>	**In**	**115**		ug/L			1489880	1484957	2	Standard
⌈	**Ag**	**107**	**49.822**	ug/L	0.447	0	86	1025521	2	Standard
⌈	**Sb**	**121**	**49.735**	ug/L	0.946	1	418	1114466	0	Standard
⌈	**Sb**	**123**	**49.766**	ug/L	0.114	0	364	874969	2	Standard
⌈	**Ba**	**135**	**49.837**	ug/L	0.412	0	53	426193	1	Standard
⌊	**Ba**	**137**	**49.884**	ug/L	0.594	1	71	746968	1	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3121491	0	Standard
⌈	**Tl**	**205**	**49.430**	ug/L	0.521	1	266	5439353	1	Standard
⌊	**Pb**	**208**	**49.735**	ug/L	0.316	0	533	6911933	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:12:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1215570	1192886	0	Standard
	Be	9	100.822	ug/L	1.988	1	10	782789	2	Standard
	C	13		ug/L			24710	41439	1	Standard
	Cl	37		ug/L			7217379	7650132	0	Standard
>	Sc	45		ug/L			1464999	1445644	1	Standard
	Al	27	10065.152	ug/L	285.451	2	5326	296722211	1	Standard
	V	51	101.745	ug/L	0.429	0	6586	3577830	1	Standard
	V-1	51	101.567	ug/L	0.450	0	310	3581965	1	Standard
	Cr	52	101.342	ug/L	0.575	0	19577	3099709	1	Standard
	Cr	53	100.770	ug/L	0.637	0	205	351589	0	Standard
	Mn	55	100.485	ug/L	1.769	1	687	4767578	0	Standard
>	Ge	72		ug/L			104412	104403	1	KED
	Ni	60	100.410	ug/L	0.428	0	19	186495	1	KED
	Ni	62	100.344	ug/L	1.532	1	6	30723	1	KED
	Cu	63	99.990	ug/L	1.139	1	97	540601	1	KED
	Cu	65	100.265	ug/L	1.786	1	48	266280	1	KED
	Zn	66	99.689	ug/L	1.142	1	109	80872	0	KED
	Zn	67	99.157	ug/L	3.259	3	17	13218	2	KED
	As	75	100.348	ug/L	1.246	1	5	39131	0	KED
	Se	78	100.238	ug/L	0.339	0	12	4417	1	KED
	Y	89		ug/L			812004	813308	0	Standard
	Kr	83		ug/L			307	339	9	Standard
>	In-1	115		ug/L			30583	28791	0	KED
	Mo	98	100.474	ug/L	1.199	1	12	197564	1	KED
	Cd	111	100.319	ug/L	0.918	0	2	44881	0	KED
	Cd	114	100.355	ug/L	0.700	0	1	116190	0	KED
>	In	115		ug/L			1489880	1463179	2	Standard
	Ag	107	100.980	ug/L	6.728	6	86	2115610	5	Standard
	Sb	121	101.577	ug/L	1.964	1	418	2366615	0	Standard
	Sb	123	100.242	ug/L	1.744	1	364	1749793	1	Standard
	Ba	135	100.716	ug/L	1.761	1	53	869197	1	Standard
	Ba	137	100.558	ug/L	1.486	1	71	1511613	1	Standard
>	Tb	159		ug/L			3005476	3088567	0	Standard
	Tl	205	99.913	ug/L	0.661	0	266	10846463	0	Standard
	Pb	208	100.994	ug/L	0.967	0	533	14362608	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:20:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1213678	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	94	10	15	30	Standard
	C	**13**		ug/L			24710	24918	1	Standard
	Cl	**37**		ug/L			7217379	7308982	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1461281	1	Standard
⌈	**Al**	**27**	**0.022**	ug/L	0.003	12	5326	5983	1	Standard
⌈	**V**	**51**	**-0.001**	ug/L	0.002	182	6586	6537	1	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	36	310	290	3	Standard
⌈	**Cr**	**52**	**-0.011**	ug/L	0.009	79	19577	19193	0	Standard
⌈	**Cr**	**53**	**-0.009**	ug/L	0.007	77	205	171	14	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	127	687	661	4	Standard
⌈>	**Ge**	**72**		ug/L			104412	104399	1	KED
⌈	**Ni**	**60**	**0.005**	ug/L	0.002	41	19	29	13	KED
⌈	**Ni**	**62**	**-0.008**	ug/L	0.009	113	6	4	65	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.002	67	97	109	8	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.002	89	48	55	9	KED
⌈	**Zn**	**66**	**0.001**	ug/L	0.009	1039	109	110	5	KED
⌈	**Zn**	**67**	**0.023**	ug/L	0.056	240	17	20	37	KED
⌈	**As**	**75**	**-0.002**	ug/L	0.002	96	5	4	15	KED
⌊	**Se**	**78**	**0.059**	ug/L	0.090	154	12	15	25	KED
	Y	**89**		ug/L			812004	799623	0	Standard
	Kr	**83**		ug/L			307	338	6	Standard
⌈>	**In-1**	**115**		ug/L			30583	29135	1	KED
⌈	**Mo**	**98**	**0.010**	ug/L	0.003	30	12	30	18	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.002	77	2	3	31	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	77	1	4	61	KED
⌈>	**In**	**115**		ug/L			1489880	1464242	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	43	86	108	9	Standard
⌈	**Sb**	**121**	**0.039**	ug/L	0.003	7	418	1327	4	Standard
⌈	**Sb**	**123**	**0.038**	ug/L	0.002	4	364	1019	2	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	266	53	48	22	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	103	71	82	15	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2971997	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	21	266	391	7	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	29	533	640	5	Standard

Sample Information

Sample Date/Time: Thursday, June 24, 2021 14:12:59
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

Calibration

Analyte	Mass	r Corr Coef	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**0.9999**	0.007	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
Al	27	**0.9999**	0.020	20.00	1000	2000	5000	10000
V	51	**0.9995**	0.024	0.20	10	20	50	100
V-1	51	**0.9996**	0.024	0.20	10	20	50	100
Cr	52	**0.9997**	0.021	0.50	10	20	50	100
Cr	53	**0.9999**	0.002	0.50	10	20	50	100
Mn	55	**1.0000**	0.033	0.50	10	20	50	100
Ge	72							
Ni	60	**0.9999**	0.018	0.50	10	20	50	100
Ni	62	**0.9999**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.052	0.50	10	20	50	100
Cu	65	**0.9999**	0.025	0.50	10	20	50	100
Zn	66	**0.9986**	0.008	6.00	10	20	50	100
Zn	67	**0.9992**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.004	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**1.0000**	0.068	0.20	10	20	50	100
Cd	111	**1.0000**	0.016	0.10	10	20	50	100
Cd	114	**0.9999**	0.040	0.10	10	20	50	100
In	115							
Ag	107	**0.9998**	0.014	0.20	10	20	50	100
Sb	121	**0.9996**	0.016	0.20	10	20	50	100
Sb	123	**1.0000**	0.012	0.20	10	20	50	100
Ba	135	**0.9999**	0.006	0.50	10	20	50	100
Ba	137	**0.9999**	0.010	0.50	10	20	50	100
Tb	159							
Tl	205	**0.9999**	0.035	0.20	10	20	50	100
Pb	208	**0.9998**	0.046	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:30:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1183223	0	Standard
⌊	**Be**	**9**	**47.220**	ug/L	0.229	0	10	363649	0	Standard
	C	**13**		ug/L			24710	28062	1	Standard
	Cl	**37**		ug/L			7217379	7527910	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1455877	1	Standard
⌈	**Al**	**27**	**4692.389**	ug/L	62.414	1	5326	139323889	1	Standard
⌈	**V**	**51**	**46.464**	ug/L	0.741	1	6586	1648790	1	Standard
⌈	**V-1**	**51**	**46.832**	ug/L	0.663	1	310	1663331	1	Standard
⌈	**Cr**	**52**	**46.148**	ug/L	0.732	1	19577	1431948	1	Standard
⌈	**Cr**	**53**	**47.342**	ug/L	0.566	1	205	166460	2	Standard
⌊	**Mn**	**55**	**48.243**	ug/L	1.200	2	687	2305914	3	Standard
⌈>	**Ge**	**72**		ug/L			104412	102464	0	KED
⌈	**Ni**	**60**	**49.296**	ug/L	0.522	1	19	89873	1	KED
⌈	**Ni**	**62**	**49.656**	ug/L	1.392	2	6	14925	2	KED
⌈	**Cu**	**63**	**48.939**	ug/L	0.093	0	97	259741	0	KED
⌈	**Cu**	**65**	**49.682**	ug/L	0.402	0	48	129528	0	KED
⌈	**Zn**	**66**	**47.121**	ug/L	0.467	0	109	37578	1	KED
⌈	**Zn**	**67**	**47.285**	ug/L	1.614	3	17	6196	3	KED
⌈	**As**	**75**	**48.304**	ug/L	1.004	2	5	18491	2	KED
⌊	**Se**	**78**	**76.537**	ug/L	3.033	3	12	3313	3	KED
	Y	**89**		ug/L			812004	802327	1	Standard
	Kr	**83**		ug/L			307	354	6	Standard
⌈>	**In-1**	**115**		ug/L			30583	29767	1	KED
⌈	**Mo**	**98**	**47.086**	ug/L	0.586	1	12	95721	0	KED
⌈	**Cd**	**111**	**47.049**	ug/L	1.024	2	2	21761	1	KED
⌊	**Cd**	**114**	**46.701**	ug/L	0.541	1	1	55897	0	KED
⌈>	**In**	**115**		ug/L			1489880	1449986	0	Standard
⌈	**Ag**	**107**	**46.003**	ug/L	0.884	1	86	955809	1	Standard
⌈	**Sb**	**121**	**46.419**	ug/L	1.326	2	418	1072178	2	Standard
⌈	**Sb**	**123**	**49.002**	ug/L	1.037	2	364	847985	1	Standard
⌈	**Ba**	**135**	**47.305**	ug/L	1.112	2	53	404653	1	Standard
⌊	**Ba**	**137**	**47.459**	ug/L	0.773	1	71	707132	1	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3031366	1	Standard
⌈	**Tl**	**205**	**49.048**	ug/L	0.706	1	266	5225838	0	Standard
⌊	**Pb**	**208**	**48.415**	ug/L	0.697	1	533	6757788	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:38:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1225737	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	35	10	5	33	Standard
	C	**13**		ug/L			24710	25005	1	Standard
	Cl	**37**		ug/L			7217379	7201433	0	Standard
>	**Sc**	**45**		ug/L			1464999	1451103	0	Standard
	Al	**27**	**0.007**	ug/L	0.006	85	5326	5470	3	Standard
	V	**51**	**0.003**	ug/L	0.001	44	6586	6632	0	Standard
	V-1	**51**	**-0.001**	ug/L	0.000	20	310	274	3	Standard
	Cr	**52**	**0.004**	ug/L	0.002	47	19577	19506	0	Standard
	Cr	**53**	**-0.009**	ug/L	0.005	52	205	171	10	Standard
	Mn	**55**	**-0.000**	ug/L	0.000	60	687	663	0	Standard
>	**Ge**	**72**		ug/L			104412	104278	0	KED
	Ni	**60**	**0.003**	ug/L	0.002	49	19	25	11	KED
	Ni	**62**	**-0.006**	ug/L	0.013	213	6	5	78	KED
	Cu	**63**	**0.003**	ug/L	0.001	52	97	111	6	KED
	Cu	**65**	**0.005**	ug/L	0.002	53	48	60	11	KED
	Zn	**66**	**0.039**	ug/L	0.044	110	109	141	25	KED
	Zn	**67**	**0.058**	ug/L	0.015	26	17	24	7	KED
	As	**75**	**0.003**	ug/L	0.001	46	5	6	8	KED
	Se	**78**	**-0.031**	ug/L	0.046	147	12	11	16	KED
	Y	**89**		ug/L			812004	804435	0	Standard
	Kr	**83**		ug/L			307	330	5	Standard
>	**In-1**	**115**		ug/L			30583	29489	1	KED
	Mo	**98**	**0.003**	ug/L	0.005	169	12	17	54	KED
	Cd	**111**	**0.004**	ug/L	0.005	119	2	4	58	KED
	Cd	**114**	**0.006**	ug/L	0.004	62	1	8	56	KED
>	**In**	**115**		ug/L			1489880	1470377	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	147	86	98	19	Standard
	Sb	**121**	**0.008**	ug/L	0.001	8	418	603	2	Standard
	Sb	**123**	**0.007**	ug/L	0.001	15	364	486	3	Standard
	Ba	**135**	**0.000**	ug/L	0.001	337	53	55	19	Standard
	Ba	**137**	**0.001**	ug/L	0.001	50	71	92	12	Standard
>	**Tb**	**159**		ug/L			3005476	2976655	1	Standard
	Tl	**205**	**0.001**	ug/L	0.000	14	266	371	5	Standard
	Pb	**208**	**0.001**	ug/L	0.000	7	533	622	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:45:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1203224	0	Standard
⌊	**Be**	**9**	**48.320**	ug/L	0.682	1	10	378412	1	Standard
	C	**13**		ug/L			24710	26134	1	Standard
	Cl	**37**		ug/L			7217379	7621529	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1444044	0	Standard
⌈	**Al**	**27**	**4946.508**	ug/L	126.096	2	5326	145697322	2	Standard
⌈	**V**	**51**	**46.856**	ug/L	0.411	0	6586	1649431	1	Standard
⌈	**V-1**	**51**	**47.166**	ug/L	0.387	0	310	1661840	1	Standard
⌈	**Cr**	**52**	**47.800**	ug/L	0.718	1	19577	1470602	1	Standard
⌈	**Cr**	**53**	**48.788**	ug/L	0.546	1	205	170146	1	Standard
⌊	**Mn**	**55**	**49.758**	ug/L	0.622	1	687	2358905	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	103622	1	KED
⌈	**Ni**	**60**	**48.332**	ug/L	0.443	0	19	89105	0	KED
⌈	**Ni**	**62**	**48.592**	ug/L	0.763	1	6	14770	0	KED
⌈	**Cu**	**63**	**49.124**	ug/L	0.249	0	97	263680	1	KED
⌈	**Cu**	**65**	**49.187**	ug/L	0.257	0	48	129681	0	KED
⌈	**Zn**	**66**	**48.783**	ug/L	0.701	1	109	39334	0	KED
⌈	**Zn**	**67**	**49.389**	ug/L	0.983	1	17	6544	1	KED
⌈	**As**	**75**	**49.298**	ug/L	0.223	0	5	19085	1	KED
⌊	**Se**	**78**	**49.638**	ug/L	1.300	2	12	2177	2	KED
	Y	**89**		ug/L			812004	800745	1	Standard
	Kr	**83**		ug/L			307	323	18	Standard
⌈>	**In-1**	**115**		ug/L			30583	29057	0	KED
⌈	**Mo**	**98**	**48.197**	ug/L	0.463	0	12	95654	1	KED
⌈	**Cd**	**111**	**49.111**	ug/L	0.211	0	2	22174	0	KED
⌊	**Cd**	**114**	**49.078**	ug/L	0.555	1	1	57346	1	KED
⌈>	**In**	**115**		ug/L			1489880	1438660	0	Standard
⌈	**Ag**	**107**	**48.060**	ug/L	1.049	2	86	990823	2	Standard
⌈	**Sb**	**121**	**47.252**	ug/L	0.567	1	418	1083092	1	Standard
⌈	**Sb**	**123**	**49.377**	ug/L	0.661	1	364	847830	0	Standard
⌈	**Ba**	**135**	**48.802**	ug/L	0.353	0	53	414254	1	Standard
⌊	**Ba**	**137**	**49.059**	ug/L	0.749	1	71	725338	2	Standard
⌈>	**Tb**	**159**		ug/L			3005476	3029393	2	Standard
⌈	**Tl**	**205**	**50.172**	ug/L	1.191	2	266	5340927	0	Standard
⌊	**Pb**	**208**	**49.020**	ug/L	0.523	1	533	6837250	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 14:53:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1226807	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	4756	10	10	26	Standard
	C	**13**		ug/L			24710	24783	0	Standard
	Cl	**37**		ug/L			7217379	7228924	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1417369	1	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.004	26	5326	5580	1	Standard
⌈	**V**	**51**	**0.003**	ug/L	0.002	43	6586	6491	0	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	23	310	264	4	Standard
⌈	**Cr**	**52**	**0.008**	ug/L	0.012	150	19577	19184	0	Standard
⌈	**Cr**	**53**	**-0.006**	ug/L	0.007	109	205	176	12	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.000	338	687	661	3	Standard
⌈>	**Ge**	**72**		ug/L			104412	102702	0	KED
⌈	**Ni**	**60**	**0.003**	ug/L	0.004	126	19	25	30	KED
⌈	**Ni**	**62**	**-0.006**	ug/L	0.007	120	6	5	43	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.001	727	97	94	6	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.001	22	48	55	3	KED
⌈	**Zn**	**66**	**0.005**	ug/L	0.015	276	109	112	10	KED
⌈	**Zn**	**67**	**-0.008**	ug/L	0.054	693	17	15	45	KED
⌈	**As**	**75**	**-0.005**	ug/L	0.001	24	5	3	14	KED
⌊	**Se**	**78**	**0.015**	ug/L	0.091	626	12	13	28	KED
	Y	**89**		ug/L			812004	789204	1	Standard
	Kr	**83**		ug/L			307	322	5	Standard
⌈>	**In-1**	**115**		ug/L			30583	28444	1	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.003	183	12	14	42	KED
⌈	**Cd**	**111**	**0.007**	ug/L	0.005	77	2	5	47	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	248	1	1	110	KED
⌈>	**In**	**115**		ug/L			1489880	1421899	2	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	68	86	90	8	Standard
⌈	**Sb**	**121**	**0.048**	ug/L	0.003	5	418	1486	2	Standard
⌈	**Sb**	**123**	**0.047**	ug/L	0.003	6	364	1141	2	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	522	53	49	17	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.002	16198	71	67	35	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2908054	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	6	266	412	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	22	533	595	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:01:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1236869	0	Standard
⌊	**Be**	**9**	**0.184**	ug/L	0.014	7	10	1493	6	Standard
	C	**13**		ug/L			24710	33082	0	Standard
	Cl	**37**		ug/L			7217379	7142119	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1464841	1	Standard
⌈	**Al**	**27**	**19.105**	ug/L	0.635	3	5326	575979	2	Standard
⌈	**V**	**51**	**0.183**	ug/L	0.001	0	6586	13091	1	Standard
⌈	**V-1**	**51**	**0.181**	ug/L	0.002	1	310	6792	1	Standard
⌈	**Cr**	**52**	**0.473**	ug/L	0.007	1	19577	34134	0	Standard
⌈	**Cr**	**53**	**0.464**	ug/L	0.012	2	205	1842	1	Standard
⌊	**Mn**	**55**	**0.465**	ug/L	0.005	1	687	23041	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	103100	2	KED
⌈	**Ni**	**60**	**0.503**	ug/L	0.008	1	19	942	4	KED
⌈	**Ni**	**62**	**0.531**	ug/L	0.043	8	6	167	9	KED
⌈	**Cu**	**63**	**0.480**	ug/L	0.014	2	97	2659	3	KED
⌈	**Cu**	**65**	**0.498**	ug/L	0.020	3	48	1354	1	KED
⌈	**Zn**	**66**	**5.772**	ug/L	0.036	0	109	4726	2	KED
⌈	**Zn**	**67**	**5.334**	ug/L	0.138	2	17	718	0	KED
⌈	**As**	**75**	**0.179**	ug/L	0.005	3	5	74	5	KED
⌊	**Se**	**78**	**0.510**	ug/L	0.070	13	12	34	10	KED
	Y	**89**		ug/L			812004	802994	0	Standard
	Kr	**83**		ug/L			307	353	6	Standard
⌈>	**In-1**	**115**		ug/L			30583	29376	1	KED
⌈	**Mo**	**98**	**0.188**	ug/L	0.004	2	12	389	3	KED
⌈	**Cd**	**111**	**0.090**	ug/L	0.005	5	2	43	4	KED
⌊	**Cd**	**114**	**0.104**	ug/L	0.012	11	1	124	12	KED
⌈>	**In**	**115**		ug/L			1489880	1495434	1	Standard
⌈	**Ag**	**107**	**0.187**	ug/L	0.005	2	86	4084	3	Standard
⌈	**Sb**	**121**	**0.183**	ug/L	0.002	1	418	4788	1	Standard
⌈	**Sb**	**123**	**0.192**	ug/L	0.006	3	364	3797	1	Standard
⌈	**Ba**	**135**	**0.454**	ug/L	0.019	4	53	4058	5	Standard
⌊	**Ba**	**137**	**0.455**	ug/L	0.017	3	71	7054	2	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2961947	0	Standard
⌈	**Tl**	**205**	**0.190**	ug/L	0.001	0	266	20064	0	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.002	1	533	14114	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:05:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1211714	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	31	10	13	7	Standard
	C	**13**		ug/L			24710	149848	0	Standard
	Cl	**37**		ug/L			7217379	15763212	0	Standard
>	**Sc**	**45**		ug/L			1464999	1485173	1	Standard
	Al	**27**	**18959.970**	ug/L	365.504	1	5326	574396822	2	Standard
	V	**51**	**-0.019**	ug/L	0.017	87	6586	5992	9	Standard
	V-1	**51**	**2.109**	ug/L	0.005	0	310	76718	1	Standard
	Cr	**52**	**0.506**	ug/L	0.011	2	19577	35652	1	Standard
	Cr	**53**	**7.379**	ug/L	0.069	0	205	26646	1	Standard
	Mn	**55**	**0.078**	ug/L	0.001	1	687	4491	2	Standard
>	**Ge**	**72**		ug/L			104412	102025	1	KED
	Ni	**60**	**0.056**	ug/L	0.015	27	19	120	23	KED
	Ni	**62**	**0.143**	ug/L	0.041	28	6	49	23	KED
	Cu	**63**	**0.048**	ug/L	0.001	2	97	346	1	KED
	Cu	**65**	**0.042**	ug/L	0.005	12	48	156	9	KED
	Zn	**66**	**0.233**	ug/L	0.039	16	109	291	9	KED
	Zn	**67**	**0.325**	ug/L	0.034	10	17	59	5	KED
	As	**75**	**0.023**	ug/L	0.005	23	5	14	14	KED
	Se	**78**	**0.105**	ug/L	0.022	20	12	17	6	KED
	Y	**89**		ug/L			812004	817243	1	Standard
	Kr	**83**		ug/L			307	420	7	Standard
>	**In-1**	**115**		ug/L			30583	28603	0	KED
	Mo	**98**	**395.106**	ug/L	5.083	1	12	771746	0	KED
	Cd	**111**	**0.097**	ug/L	0.015	15	2	45	14	KED
	Cd	**114**	**0.084**	ug/L	0.007	8	1	98	7	KED
>	**In**	**115**		ug/L			1489880	1488427	0	Standard
	Ag	**107**	**0.006**	ug/L	0.001	20	86	210	12	Standard
	Sb	**121**	**0.003**	ug/L	0.002	67	418	480	8	Standard
	Sb	**123**	**0.001**	ug/L	0.000	39	364	373	0	Standard
	Ba	**135**	**0.038**	ug/L	0.001	1	53	389	1	Standard
	Ba	**137**	**0.033**	ug/L	0.001	4	71	582	3	Standard
>	**Tb**	**159**		ug/L			3005476	3240302	1	Standard
	Tl	**205**	**0.000**	ug/L	0.000	78	266	332	10	Standard
	Pb	**208**	**0.011**	ug/L	0.000	0	533	2177	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:10:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1215570	1208669	0	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	62	10	8	12	Standard
	C	**13**		ug/L			24710	150336	1	Standard
	Cl	**37**		ug/L			7217379	15587442	3	Standard
[>	**Sc**	**45**		ug/L			1464999	1507332	1	Standard
[	**Al**	**27**	**18326.320**	ug/L	375.163	2	5326	563316079	0	Standard
[	**V**	**51**	**-0.287**	ug/L	0.123	42	6586	-3740	120	Standard
[	**V-1**	**51**	**2.087**	ug/L	0.008	0	310	77045	1	Standard
[	**Cr**	**52**	**19.441**	ug/L	0.291	1	19577	636215	0	Standard
[	**Cr**	**53**	**26.821**	ug/L	0.534	1	205	97727	2	Standard
[	**Mn**	**55**	**19.018**	ug/L	0.236	1	687	941443	0	Standard
[>	**Ge**	**72**		ug/L			104412	104335	1	KED
[	**Ni**	**60**	**19.775**	ug/L	0.179	0	19	36718	0	KED
[	**Ni**	**62**	**19.556**	ug/L	0.479	2	6	5991	3	KED
[	**Cu**	**63**	**19.434**	ug/L	0.106	0	97	105088	1	KED
[	**Cu**	**65**	**19.501**	ug/L	0.235	1	48	51795	0	KED
[	**Zn**	**66**	**18.720**	ug/L	0.328	1	109	15268	2	KED
[	**Zn**	**67**	**17.264**	ug/L	0.386	2	17	2314	1	KED
[	**As**	**75**	**19.335**	ug/L	0.088	0	5	7540	0	KED
[	**Se**	**78**	**0.069**	ug/L	0.039	56	12	15	11	KED
	Y	**89**		ug/L			812004	824133	1	Standard
	Kr	**83**		ug/L			307	430	11	Standard
[>	**In-1**	**115**		ug/L			30583	29030	1	KED
[	**Mo**	**98**	**391.423**	ug/L	1.224	0	12	775998	1	KED
[	**Cd**	**111**	**19.164**	ug/L	0.162	0	2	8646	1	KED
[	**Cd**	**114**	**19.479**	ug/L	0.481	2	1	22740	2	KED
[>	**In**	**115**		ug/L			1489880	1517383	1	Standard
[	**Ag**	**107**	**17.210**	ug/L	0.212	1	86	374268	1	Standard
[	**Sb**	**121**	**-0.003**	ug/L	0.001	34	418	365	6	Standard
[	**Sb**	**123**	**-0.003**	ug/L	0.003	113	364	325	15	Standard
[	**Ba**	**135**	**0.062**	ug/L	0.005	8	53	611	6	Standard
[	**Ba**	**137**	**0.065**	ug/L	0.003	5	71	1079	6	Standard
[>	**Tb**	**159**		ug/L			3005476	3264047	1	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	41	266	343	5	Standard
[	**Pb**	**208**	**0.015**	ug/L	0.001	5	533	2791	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:17:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1127995	1	Standard
⌊	**Be**	**9**	**191.842**	ug/L	2.849	1	10	1408218	0	Standard
	C	**13**		ug/L			24710	32713	1	Standard
	Cl	**37**		ug/L			7217379	7466024	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1363958	2	Standard
⌈	**Al**	**27**	**19307.618**	ug/L	230.469	1	5326	537064197	1	Standard
⌈	**V**	**51**	**195.050**	ug/L	1.902	0	6586	6464986	1	Standard
⌈	**V-1**	**51**	**195.039**	ug/L	1.455	0	310	6489064	1	Standard
⌈	**Cr**	**52**	**194.488**	ug/L	2.966	1	19577	5594757	0	Standard
⌈	**Cr**	**53**	**194.460**	ug/L	2.039	1	205	639907	1	Standard
⌊	**Mn**	**55**	**191.169**	ug/L	3.148	1	687	8556594	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	96643	1	KED
⌈	**Ni**	**60**	**196.469**	ug/L	3.116	1	19	337721	0	KED
⌈	**Ni**	**62**	**196.244**	ug/L	5.419	2	6	55610	2	KED
⌈	**Cu**	**63**	**194.297**	ug/L	1.861	0	97	972316	1	KED
⌈	**Cu**	**65**	**195.966**	ug/L	4.395	2	48	481637	0	KED
⌈	**Zn**	**66**	**188.774**	ug/L	2.657	1	109	141662	0	KED
⌈	**Zn**	**67**	**189.085**	ug/L	3.764	1	17	23321	1	KED
⌈	**As**	**75**	**196.199**	ug/L	0.687	0	5	70822	1	KED
⌊	**Se**	**78**	**191.119**	ug/L	1.413	0	12	7785	1	KED
	Y	**89**		ug/L			812004	748447	0	Standard
	Kr	**83**		ug/L			307	408	7	Standard
⌈>	**In-1**	**115**		ug/L			30583	27247	0	KED
⌈	**Mo**	**98**	**199.001**	ug/L	2.036	1	12	370283	0	KED
⌈	**Cd**	**111**	**193.196**	ug/L	1.998	1	2	81792	0	KED
⌊	**Cd**	**114**	**192.875**	ug/L	2.628	1	1	211323	1	KED
⌈>	**In**	**115**		ug/L			1489880	1403611	1	Standard
⌈	**Ag**	**107**	**186.021**	ug/L	3.411	1	86	3740960	0	Standard
⌈	**Sb**	**121**	**197.889**	ug/L	3.268	1	418	4423385	0	Standard
⌈	**Sb**	**123**	**203.123**	ug/L	2.696	1	364	3401574	0	Standard
⌈	**Ba**	**135**	**193.302**	ug/L	0.948	0	53	1600631	0	Standard
⌊	**Ba**	**137**	**201.328**	ug/L	3.519	1	71	2903456	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2976542	0	Standard
⌈	**Tl**	**205**	**188.648**	ug/L	1.701	0	266	19737163	0	Standard
⌊	**Pb**	**208**	**189.713**	ug/L	1.772	0	533	26001081	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:21:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1120907	1	Standard
⌊	**Be**	**9**	**283.005**	ug/L	1.637	0	10	2064520	1	Standard
	C	**13**		ug/L			24710	32923	1	Standard
	Cl	**37**		ug/L			7217379	7310096	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1315417	1	Standard
⌈	**Al**	**27**	**29382.931**	ug/L	202.147	0	5326	788306439	0	Standard
⌊	**V**	**51**	**288.772**	ug/L	4.105	1	6586	9228585	1	Standard
⌈	**V-1**	**51**	**290.203**	ug/L	2.450	0	310	9311984	0	Standard
⌊	**Cr**	**52**	**290.241**	ug/L	3.439	1	19577	8044547	1	Standard
⌈	**Cr**	**53**	**294.845**	ug/L	3.481	1	205	935704	1	Standard
⌊	**Mn**	**55**	**286.537**	ug/L	1.586	0	687	12371201	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	93308	0	KED
⌈	**Ni**	**60**	**292.791**	ug/L	2.753	0	19	486009	1	KED
⌊	**Ni**	**62**	**293.029**	ug/L	0.837	0	6	80182	0	KED
⌈	**Cu**	**63**	**284.739**	ug/L	1.234	0	97	1375769	0	KED
⌊	**Cu**	**65**	**287.805**	ug/L	1.178	0	48	683101	0	KED
⌈	**Zn**	**66**	**273.842**	ug/L	3.443	1	109	198387	0	KED
⌊	**Zn**	**67**	**277.007**	ug/L	4.791	1	17	32981	1	KED
⌈	**As**	**75**	**298.959**	ug/L	2.277	0	5	104191	0	KED
⌊	**Se**	**78**	**286.403**	ug/L	2.410	0	12	11259	1	KED
	Y	**89**		ug/L			812004	720898	0	Standard
	Kr	**83**		ug/L			307	468	3	Standard
⌈>	**In-1**	**115**		ug/L			30583	26279	0	KED
⌈	**Mo**	**98**	**293.334**	ug/L	1.829	0	12	526449	1	KED
⌊	**Cd**	**111**	**287.178**	ug/L	2.317	0	2	117258	0	KED
⌊	**Cd**	**114**	**286.478**	ug/L	4.899	1	1	302721	1	KED
⌈>	**In**	**115**		ug/L			1489880	1303379	0	Standard
⌈	**Ag**	**107**	**277.711**	ug/L	2.933	1	86	5186446	0	Standard
⌊	**Sb**	**121**	**289.703**	ug/L	5.039	1	418	6013395	1	Standard
⌈	**Sb**	**123**	**297.502**	ug/L	1.442	0	364	4626489	0	Standard
⌊	**Ba**	**135**	**316.993**	ug/L	2.710	0	53	2437541	1	Standard
⌊	**Ba**	**137**	**311.994**	ug/L	1.631	0	71	4178588	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2838853	1	Standard
⌈	**Tl**	**205**	**287.724**	ug/L	2.238	0	266	28708123	1	Standard
⌊	**Pb**	**208**	**285.393**	ug/L	2.278	0	533	37303068	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:29:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1190662	1	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	40	10	27	23	Standard
	C	**13**		ug/L			24710	30938	1	Standard
	Cl	**37**		ug/L			7217379	7186906	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1390800	1	Standard
⌈	**Al**	**27**	**0.116**	ug/L	0.001	0	5326	8341	1	Standard
⌊	**V**	**51**	**0.011**	ug/L	0.006	56	6586	6630	1	Standard
⌈	**V-1**	**51**	**0.025**	ug/L	0.002	7	310	1131	4	Standard
⌊	**Cr**	**52**	**0.033**	ug/L	0.016	48	19577	19547	0	Standard
⌈	**Cr**	**53**	**0.076**	ug/L	0.002	3	205	450	1	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.001	6	687	1051	2	Standard
⌈>	**Ge**	**72**		ug/L			104412	100335	2	KED
⌈	**Ni**	**60**	**0.009**	ug/L	0.008	87	19	34	38	KED
⌊	**Ni**	**62**	**0.005**	ug/L	0.021	401	6	8	74	KED
⌈	**Cu**	**63**	**0.016**	ug/L	0.003	20	97	179	11	KED
⌊	**Cu**	**65**	**0.020**	ug/L	0.004	21	48	97	10	KED
⌈	**Zn**	**66**	**0.155**	ug/L	0.054	34	109	226	16	KED
⌊	**Zn**	**67**	**0.165**	ug/L	0.078	46	17	37	24	KED
⌈	**As**	**75**	**0.008**	ug/L	0.004	49	5	8	17	KED
⌊	**Se**	**78**	**0.022**	ug/L	0.060	270	12	13	20	KED
	Y	**89**		ug/L			812004	776571	0	Standard
	Kr	**83**		ug/L			307	306	11	Standard
⌈>	**In-1**	**115**		ug/L			30583	27990	0	KED
⌈	**Mo**	**98**	**0.026**	ug/L	0.001	5	12	60	4	KED
⌊	**Cd**	**111**	**0.004**	ug/L	0.002	54	2	3	25	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.005	145	1	4	116	KED
⌈>	**In**	**115**		ug/L			1489880	1416755	0	Standard
⌈	**Ag**	**107**	**0.005**	ug/L	0.001	30	86	180	16	Standard
⌈	**Sb**	**121**	**0.186**	ug/L	0.008	4	418	4585	2	Standard
⌊	**Sb**	**123**	**0.186**	ug/L	0.009	4	364	3496	3	Standard
⌈	**Ba**	**135**	**0.006**	ug/L	0.001	13	53	98	6	Standard
⌊	**Ba**	**137**	**0.007**	ug/L	0.001	15	71	174	9	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2832538	0	Standard
⌈	**Tl**	**205**	**0.017**	ug/L	0.001	7	266	1918	6	Standard
⌊	**Pb**	**208**	**0.020**	ug/L	0.000	1	533	3066	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:35:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1204784	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	39	10	15	12	Standard
	C	**13**		ug/L			24710	31006	1	Standard
	Cl	**37**		ug/L			7217379	7121521	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1412265	0	Standard
⌈	**Al**	**27**	**0.127**	ug/L	0.003	2	5326	8802	0	Standard
⌊	**V**	**51**	**0.008**	ug/L	0.001	15	6586	6618	0	Standard
⌈	**V-1**	**51**	**0.016**	ug/L	0.001	8	310	863	4	Standard
⌊	**Cr**	**52**	**0.028**	ug/L	0.004	15	19577	19704	0	Standard
⌈	**Cr**	**53**	**0.055**	ug/L	0.006	11	205	386	4	Standard
⌊	**Mn**	**55**	**0.011**	ug/L	0.000	3	687	1192	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	100661	0	KED
⌈	**Ni**	**60**	**0.015**	ug/L	0.007	46	19	45	27	KED
⌊	**Ni**	**62**	**0.007**	ug/L	0.004	50	6	8	12	KED
⌈	**Cu**	**63**	**0.015**	ug/L	0.002	12	97	170	6	KED
⌊	**Cu**	**65**	**0.013**	ug/L	0.001	8	48	79	3	KED
⌈	**Zn**	**66**	**0.166**	ug/L	0.029	17	109	235	9	KED
⌊	**Zn**	**67**	**0.188**	ug/L	0.053	28	17	40	16	KED
⌈	**As**	**75**	**0.008**	ug/L	0.005	63	5	8	24	KED
⌊	**Se**	**78**	**0.023**	ug/L	0.074	324	12	13	23	KED
	Y	**89**		ug/L			812004	779098	1	Standard
	Kr	**83**		ug/L			307	340	3	Standard
⌈>	**In-1**	**115**		ug/L			30583	27940	2	KED
⌈	**Mo**	**98**	**0.007**	ug/L	0.002	29	12	23	15	KED
⌊	**Cd**	**111**	**0.008**	ug/L	0.004	51	2	5	33	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.002	61	1	4	48	KED
⌈>	**In**	**115**		ug/L			1489880	1409691	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	34	86	104	7	Standard
⌈	**Sb**	**121**	**0.057**	ug/L	0.004	7	418	1674	5	Standard
⌊	**Sb**	**123**	**0.057**	ug/L	0.004	6	364	1307	4	Standard
⌈	**Ba**	**135**	**0.007**	ug/L	0.001	9	53	111	5	Standard
⌊	**Ba**	**137**	**0.010**	ug/L	0.001	10	71	207	6	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2881527	1	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.001	10	266	750	8	Standard
⌊	**Pb**	**208**	**0.021**	ug/L	0.000	1	533	3358	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:42:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1214532	1	Standard
⌊	**Be**	**9**	**47.363**	ug/L	0.466	0	10	374367	1	Standard
	C	**13**		ug/L			24710	26045	0	Standard
	Cl	**37**		ug/L			7217379	7489790	1	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1437268	1	Standard
⌈	**Al**	**27**	**4792.440**	ug/L	34.475	0	5326	140492401	1	Standard
⌈	**V**	**51**	**47.175**	ug/L	0.357	0	6586	1652642	1	Standard
⌈	**V-1**	**51**	**47.532**	ug/L	0.456	0	310	1666674	1	Standard
⌈	**Cr**	**52**	**47.420**	ug/L	0.544	1	19577	1452062	0	Standard
⌈	**Cr**	**53**	**48.569**	ug/L	0.525	1	205	168570	0	Standard
⌊	**Mn**	**55**	**48.629**	ug/L	0.887	1	687	2294122	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	100735	1	KED
⌈	**Ni**	**60**	**48.499**	ug/L	0.834	1	19	86918	0	KED
⌈	**Ni**	**62**	**48.152**	ug/L	0.596	1	6	14229	0	KED
⌈	**Cu**	**63**	**49.252**	ug/L	0.596	1	97	256973	0	KED
⌈	**Cu**	**65**	**49.496**	ug/L	0.716	1	48	126854	0	KED
⌈	**Zn**	**66**	**48.021**	ug/L	0.807	1	109	37643	1	KED
⌈	**Zn**	**67**	**48.785**	ug/L	1.395	2	17	6283	2	KED
⌈	**As**	**75**	**49.493**	ug/L	0.201	0	5	18627	1	KED
⌊	**Se**	**78**	**49.325**	ug/L	0.644	1	12	2103	1	KED
	Y	**89**		ug/L			812004	792825	1	Standard
	Kr	**83**		ug/L			307	315	9	Standard
⌈>	**In-1**	**115**		ug/L			30583	28084	0	KED
⌈	**Mo**	**98**	**48.599**	ug/L	0.587	1	12	93213	0	KED
⌈	**Cd**	**111**	**49.163**	ug/L	0.650	1	2	21454	0	KED
⌊	**Cd**	**114**	**48.762**	ug/L	0.438	0	1	55068	1	KED
⌈>	**In**	**115**		ug/L			1489880	1446380	2	Standard
⌈	**Ag**	**107**	**47.334**	ug/L	1.487	3	86	980916	2	Standard
⌈	**Sb**	**121**	**47.559**	ug/L	0.249	0	418	1095839	1	Standard
⌈	**Sb**	**123**	**49.389**	ug/L	0.834	1	364	852589	2	Standard
⌈	**Ba**	**135**	**47.875**	ug/L	0.148	0	53	408563	2	Standard
⌊	**Ba**	**137**	**47.851**	ug/L	0.722	1	71	711095	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2967505	1	Standard
⌈	**Tl**	**205**	**49.756**	ug/L	0.714	1	266	5190011	1	Standard
⌊	**Pb**	**208**	**48.750**	ug/L	0.391	0	533	6662151	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:49:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1202132	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	87	10	17	33	Standard
	C	**13**		ug/L			24710	25546	1	Standard
	Cl	**37**		ug/L			7217379	7099624	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1389252	0	Standard
⌈	**Al**	**27**	**0.020**	ug/L	0.002	10	5326	5624	1	Standard
⌊	**V**	**51**	**0.007**	ug/L	0.002	34	6586	6470	1	Standard
⌈	**V-1**	**51**	**0.010**	ug/L	0.001	7	310	638	3	Standard
⌊	**Cr**	**52**	**0.021**	ug/L	0.011	50	19577	19182	1	Standard
⌈	**Cr**	**53**	**0.032**	ug/L	0.002	6	205	302	2	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.003	124	687	754	17	Standard
⌈>	**Ge**	**72**		ug/L			104412	99876	2	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.001	86	19	21	13	KED
⌊	**Ni**	**62**	**-0.005**	ug/L	0.020	370	6	5	114	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.002	753	97	94	14	KED
⌊	**Cu**	**65**	**0.003**	ug/L	0.006	187	48	55	26	KED
⌈	**Zn**	**66**	**0.051**	ug/L	0.020	39	109	144	13	KED
⌊	**Zn**	**67**	**0.031**	ug/L	0.036	117	17	20	23	KED
⌈	**As**	**75**	**0.002**	ug/L	0.003	131	5	6	19	KED
⌊	**Se**	**78**	**-0.001**	ug/L	0.061	5231	12	12	19	KED
	Y	**89**		ug/L			812004	773845	1	Standard
	Kr	**83**		ug/L			307	350	7	Standard
⌈>	**In-1**	**115**		ug/L			30583	27942	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.004	112	12	18	42	KED
⌊	**Cd**	**111**	**0.003**	ug/L	0.003	99	2	3	41	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.004	69	1	6	58	KED
⌈>	**In**	**115**		ug/L			1489880	1417333	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	71	86	93	8	Standard
⌈	**Sb**	**121**	**0.067**	ug/L	0.001	1	418	1905	1	Standard
⌊	**Sb**	**123**	**0.066**	ug/L	0.003	4	364	1469	3	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.000	48	53	55	3	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	50	71	92	13	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2871807	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.001	18	266	565	11	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	16	533	820	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0095-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 15:55:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1215570	1131285	1	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	34	10	29	20	Standard
	C	**13**		ug/L			24710	46822	0	Standard
	Cl	**37**		ug/L			7217379	7284368	0	Standard
[>	**Sc**	**45**		ug/L			1464999	1534099	0	Standard
[	**Al**	**27**	**8.715**	ug/L	0.255	2	5326	278284	3	Standard
[	**V**	**51**	**0.154**	ug/L	0.004	2	6586	12639	1	Standard
[	**V-1**	**51**	**0.198**	ug/L	0.006	3	310	7743	2	Standard
[	**Cr**	**52**	**0.160**	ug/L	0.007	4	19577	25666	1	Standard
[	**Cr**	**53**	**0.303**	ug/L	0.005	1	205	1334	0	Standard
[	**Mn**	**55**	**325.260**	ug/L	0.692	0	687	16377380	0	Standard
[>	**Ge**	**72**		ug/L			104412	94487	0	KED
[	**Ni**	**60**	**0.295**	ug/L	0.027	9	19	514	8	KED
[	**Ni**	**62**	**0.289**	ug/L	0.032	11	6	86	9	KED
[	**Cu**	**63**	**0.684**	ug/L	0.035	5	97	3436	5	KED
[	**Cu**	**65**	**0.729**	ug/L	0.011	1	48	1795	0	KED
[	**Zn**	**66**	**5.495**	ug/L	0.031	0	109	4128	0	KED
[	**Zn**	**67**	**15.347**	ug/L	0.596	3	17	1864	3	KED
[	**As**	**75**	**2.960**	ug/L	0.046	1	5	1049	2	KED
[	**Se**	**78**	**0.095**	ug/L	0.047	49	12	15	12	KED
	Y	**89**		ug/L			812004	763207	0	Standard
	Kr	**83**		ug/L			307	344	4	Standard
[>	**In-1**	**115**		ug/L			30583	26651	0	KED
[	**Mo**	**98**	**3.714**	ug/L	0.089	2	12	6771	2	KED
[	**Cd**	**111**	**0.010**	ug/L	0.009	93	2	6	63	KED
[	**Cd**	**114**	**0.007**	ug/L	0.003	45	1	7	38	KED
[>	**In**	**115**		ug/L			1489880	1365582	0	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.001	76	86	109	20	Standard
[	**Sb**	**121**	**0.059**	ug/L	0.005	8	418	1657	6	Standard
[	**Sb**	**123**	**0.057**	ug/L	0.001	1	364	1267	2	Standard
[	**Ba**	**135**	**152.994**	ug/L	1.303	0	53	1232604	1	Standard
[	**Ba**	**137**	**162.349**	ug/L	1.548	0	71	2278043	0	Standard
[>	**Tb**	**159**		ug/L			3005476	2869520	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	31	266	353	8	Standard
[	**Pb**	**208**	**0.096**	ug/L	0.001	0	533	13231	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0131-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:01:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1215570	1121189	0	Standard
	Be	9	0.033	ug/L	0.003	9	10	252	9	Standard
	C	13		ug/L			24710	125189	0	Standard
	Cl	37		ug/L			7217379	6770032	1	Standard
>	Sc	45		ug/L			1464999	1502963	0	Standard
	Al	27	1948.009	ug/L	13.851	0	5326	59722905	1	Standard
	V	51	0.403	ug/L	0.006	1	6586	21458	0	Standard
	V-1	51	0.467	ug/L	0.007	1	310	17424	0	Standard
	Cr	52	1.137	ug/L	0.021	1	19577	56004	1	Standard
	Cr	53	1.332	ug/L	0.040	3	205	5038	2	Standard
	Mn	55	5.186	ug/L	0.142	2	687	256519	2	Standard
>	Ge	72		ug/L			104412	97396	0	KED
	Ni	60	0.871	ug/L	0.028	3	19	1527	2	KED
	Ni	62	0.882	ug/L	0.051	5	6	258	6	KED
	Cu	63	7.923	ug/L	0.110	1	97	40043	0	KED
	Cu	65	8.130	ug/L	0.166	2	48	20183	1	KED
	Zn	66	9.217	ug/L	0.131	1	109	7069	2	KED
	Zn	67	21.980	ug/L	0.475	2	17	2746	3	KED
	As	75	0.345	ug/L	0.013	3	5	130	2	KED
	Se	78	0.094	ug/L	0.069	73	12	15	16	KED
	Y	89		ug/L			812004	769813	1	Standard
	Kr	83		ug/L			307	340	3	Standard
>	In-1	115		ug/L			30583	26658	1	KED
	Mo	98	0.375	ug/L	0.018	4	12	692	4	KED
	Cd	111	0.243	ug/L	0.027	11	2	102	12	KED
	Cd	114	0.013	ug/L	0.004	30	1	15	29	KED
>	In	115		ug/L			1489880	1395715	2	Standard
	Ag	107	10.363	ug/L	0.226	2	86	207270	0	Standard
	Sb	121	0.940	ug/L	0.022	2	418	21278	1	Standard
	Sb	123	1.026	ug/L	0.034	3	364	17414	1	Standard
	Ba	135	182.576	ug/L	1.290	0	53	1503194	1	Standard
	Ba	137	195.656	ug/L	5.584	2	71	2804825	0	Standard
>	Tb	159		ug/L			3005476	3004719	0	Standard
	Tl	205	0.004	ug/L	0.000	5	266	638	3	Standard
	Pb	208	1.551	ug/L	0.041	2	533	215020	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0160-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:06:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1160963	1	Standard
	Be	**9**	**0.004**	ug/L	0.001	17	10	40	14	Standard
	C	**13**		ug/L			24710	57137	1	Standard
	Cl	**37**		ug/L			7217379	7176859	0	Standard
>	**Sc**	**45**		ug/L			1464999	1601760	0	Standard
	Al	**27**	**10.618**	ug/L	0.160	1	5326	352700	0	Standard
	V	**51**	**0.506**	ug/L	0.012	2	6586	26895	1	Standard
	V-1	**51**	**0.726**	ug/L	0.013	1	310	28721	1	Standard
	Cr	**52**	**0.256**	ug/L	0.008	3	19577	30024	0	Standard
	Cr	**53**	**0.971**	ug/L	0.011	1	205	3976	0	Standard
	Mn	**55**	**641.009**	ug/L	5.538	0	687	33698173	0	Standard
>	**Ge**	**72**		ug/L			104412	99770	1	KED
	Ni	**60**	**0.913**	ug/L	0.058	6	19	1640	6	KED
	Ni	**62**	**0.915**	ug/L	0.080	8	6	274	8	KED
	Cu	**63**	**0.436**	ug/L	0.012	2	97	2344	1	KED
	Cu	**65**	**0.441**	ug/L	0.010	2	48	1165	1	KED
	Zn	**66**	**16.628**	ug/L	0.134	0	109	12979	1	KED
	Zn	**67**	**16.006**	ug/L	0.355	2	17	2052	1	KED
	As	**75**	**1.282**	ug/L	0.043	3	5	483	4	KED
	Se	**78**	**0.029**	ug/L	0.115	393	12	13	36	KED
	Y	**89**		ug/L			812004	789392	0	Standard
	Kr	**83**		ug/L			307	361	5	Standard
>	**In-1**	**115**		ug/L			30583	27818	1	KED
	Mo	**98**	**0.639**	ug/L	0.021	3	12	1225	3	KED
	Cd	**111**	**0.019**	ug/L	0.008	45	2	10	37	KED
	Cd	**114**	**0.018**	ug/L	0.003	15	1	21	13	KED
>	**In**	**115**		ug/L			1489880	1460442	2	Standard
	Ag	**107**	**0.001**	ug/L	0.001	98	86	104	17	Standard
	Sb	**121**	**0.111**	ug/L	0.007	6	418	2994	3	Standard
	Sb	**123**	**0.116**	ug/L	0.006	5	364	2373	3	Standard
	Ba	**135**	**12.946**	ug/L	0.284	2	53	111557	0	Standard
	Ba	**137**	**13.085**	ug/L	0.494	3	71	196335	1	Standard
>	**Tb**	**159**		ug/L			3005476	2992719	1	Standard
	Tl	**205**	**0.000**	ug/L	0.000	237	266	280	11	Standard
	Pb	**208**	**0.077**	ug/L	0.000	0	533	11080	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0163-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:14:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1215570	1280866	1	Standard
	Be	9	0.004	ug/L	0.001	15	10	45	12	Standard
	C	13		ug/L			24710	67379	1	Standard
	Cl	37		ug/L			7217379	21190198	2	Standard
>	Sc	45		ug/L			1464999	1621235	1	Standard
	Al	27	211.915	ug/L	6.282	2	5326	7011932	2	Standard
	V	51	1.255	ug/L	0.279	22	6586	56662	19	Standard
	V-1	51	7.909	ug/L	0.072	0	310	313129	0	Standard
	Cr	52	144.323	ug/L	2.755	1	19577	4940697	1	Standard
	Cr	53	163.692	ug/L	2.451	1	205	640315	0	Standard
	Mn	55	3.359	ug/L	0.043	1	687	179496	0	Standard
>	Ge	72		ug/L			104412	96341	2	KED
	Ni	60	11.192	ug/L	0.255	2	19	19192	0	KED
	Ni	62	11.238	ug/L	0.598	5	6	3178	3	KED
	Cu	63	21.324	ug/L	0.198	0	97	106454	1	KED
	Cu	65	21.563	ug/L	0.295	1	48	52873	1	KED
	Zn	66	15.269	ug/L	0.230	1	109	11515	0	KED
	Zn	67	14.302	ug/L	0.296	2	17	1772	0	KED
	As	75	0.434	ug/L	0.018	4	5	161	2	KED
	Se	78	0.197	ug/L	0.070	35	12	19	11	KED
	Y	89		ug/L			812004	806199	1	Standard
	Kr	83		ug/L			307	513	4	Standard
>	In-1	115		ug/L			30583	26856	1	KED
	Mo	98	2.015	ug/L	0.005	0	12	3706	1	KED
	Cd	111	0.531	ug/L	0.056	10	2	223	9	KED
	Cd	114	0.614	ug/L	0.055	8	1	664	8	KED
>	In	115		ug/L			1489880	1342839	2	Standard
	Ag	107	0.012	ug/L	0.001	8	86	307	4	Standard
	Sb	121	2.495	ug/L	0.038	1	418	53720	0	Standard
	Sb	123	2.594	ug/L	0.028	1	364	41888	2	Standard
	Ba	135	4.201	ug/L	0.100	2	53	33317	0	Standard
	Ba	137	4.257	ug/L	0.043	1	71	58801	1	Standard
>	Tb	159		ug/L			3005476	3015204	0	Standard
	Tl	205	0.002	ug/L	0.000	11	266	497	5	Standard
	Pb	208	0.152	ug/L	0.001	0	533	21626	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0185-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:22:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1215570	1206527	0	Standard
[	**Be**	**9**	**0.008**	ug/L	0.000	0	10	74	1	Standard
	C	**13**		ug/L			24710	53566	0	Standard
	Cl	**37**		ug/L			7217379	7868252	0	Standard
[>	**Sc**	**45**		ug/L			1464999	1685975	0	Standard
[	**Al**	**27**	**13.788**	ug/L	0.183	1	5326	480233	0	Standard
[	**V**	**51**	**1.374**	ug/L	0.006	0	6586	63837	0	Standard
[	**V-1**	**51**	**1.604**	ug/L	0.010	0	310	66336	0	Standard
[	**Cr**	**52**	**0.014**	ug/L	0.005	32	19577	23036	0	Standard
[	**Cr**	**53**	**0.779**	ug/L	0.011	1	205	3402	1	Standard
[	**Mn**	**55**	**161.542**	ug/L	1.466	0	687	8939592	0	Standard
[>	**Ge**	**72**		ug/L			104412	91283	1	KED
[	**Ni**	**60**	**4.841**	ug/L	0.072	1	19	7877	0	KED
[	**Ni**	**62**	**4.756**	ug/L	0.070	1	6	1279	2	KED
[	**Cu**	**63**	**0.222**	ug/L	0.006	2	97	1132	1	KED
[	**Cu**	**65**	**0.231**	ug/L	0.005	2	48	580	3	KED
[	**Zn**	**66**	**1.021**	ug/L	0.006	0	109	819	1	KED
[	**Zn**	**67**	**3.367**	ug/L	0.023	0	17	406	0	KED
[	**As**	**75**	**0.548**	ug/L	0.014	2	5	191	3	KED
[	**Se**	**78**	**0.475**	ug/L	0.124	26	12	29	14	KED
	Y	**89**		ug/L			812004	753525	1	Standard
	Kr	**83**		ug/L			307	349	2	Standard
[>	**In-1**	**115**		ug/L			30583	26053	1	KED
[	**Mo**	**98**	**1.812**	ug/L	0.023	1	12	3234	2	KED
[	**Cd**	**111**	**0.094**	ug/L	0.010	10	2	40	8	KED
[	**Cd**	**114**	**0.091**	ug/L	0.008	8	1	96	7	KED
[>	**In**	**115**		ug/L			1489880	1346889	2	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.001	273	86	86	25	Standard
[	**Sb**	**121**	**0.024**	ug/L	0.002	7	418	897	6	Standard
[	**Sb**	**123**	**0.023**	ug/L	0.001	5	364	700	0	Standard
[	**Ba**	**135**	**39.884**	ug/L	0.734	1	53	316866	0	Standard
[	**Ba**	**137**	**40.132**	ug/L	1.432	3	71	555189	1	Standard
[>	**Tb**	**159**		ug/L			3005476	2910379	0	Standard
[	**Tl**	**205**	**0.008**	ug/L	0.000	4	266	1062	4	Standard
[	**Pb**	**208**	**0.029**	ug/L	0.001	1	533	4395	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0185-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:28:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1215570	1410623	1	Standard
	Be	9	0.004	ug/L	0.001	16	10	49	11	Standard
	C	13		ug/L			24710	66388	0	Standard
	Cl	37		ug/L			7217379	29830140	0	Standard
>	Sc	45		ug/L			1464999	1911329	0	Standard
	Al	27	37.716	ug/L	0.070	0	5326	1477246	0	Standard
	V	51	3.181	ug/L	0.037	1	6586	156196	1	Standard
	V-1	51	8.322	ug/L	0.025	0	310	388427	1	Standard
	Cr	52	0.556	ug/L	0.011	1	19577	47868	0	Standard
	Cr	53	17.223	ug/L	0.154	0	205	79675	1	Standard
	Mn	55	16.216	ug/L	0.143	0	687	1018087	0	Standard
>	Ge	72		ug/L			104412	88720	1	KED
	Ni	60	6.370	ug/L	0.014	0	19	10070	0	KED
	Ni	62	6.344	ug/L	0.186	2	6	1656	3	KED
	Cu	63	0.418	ug/L	0.009	2	97	2001	0	KED
	Cu	65	0.428	ug/L	0.037	8	48	1007	7	KED
	Zn	66	1.140	ug/L	0.022	1	109	878	0	KED
	Zn	67	7.591	ug/L	0.323	4	17	873	4	KED
	As	75	1.353	ug/L	0.077	5	5	453	6	KED
	Se	78	28.811	ug/L	0.259	0	12	1086	1	KED
	Y	89		ug/L			812004	771690	1	Standard
	Kr	83		ug/L			307	347	9	Standard
>	In-1	115		ug/L			30583	25054	0	KED
	Mo	98	3.501	ug/L	0.084	2	12	5999	2	KED
	Cd	111	0.079	ug/L	0.019	24	2	32	22	KED
	Cd	114	0.067	ug/L	0.013	19	1	68	19	KED
>	In	115		ug/L			1489880	1218070	3	Standard
	Ag	107	0.002	ug/L	0.001	31	86	102	7	Standard
	Sb	121	0.044	ug/L	0.004	9	418	1189	5	Standard
	Sb	123	0.049	ug/L	0.003	5	364	1017	5	Standard
	Ba	135	139.454	ug/L	3.708	2	53	1001603	0	Standard
	Ba	137	139.242	ug/L	4.293	3	71	1741786	0	Standard
>	Tb	159		ug/L			3005476	2960882	0	Standard
	Tl	205	0.004	ug/L	0.000	1	266	695	0	Standard
	Pb	208	0.143	ug/L	0.001	0	533	20073	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0192-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:35:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1214892	1	Standard
	Be	**9**	**0.014**	ug/L	0.002	11	10	118	9	Standard
	C	**13**		ug/L			24710	71438	0	Standard
	Cl	**37**		ug/L			7217379	7382997	0	Standard
>	**Sc**	**45**		ug/L			1464999	1472534	1	Standard
	Al	**27**	**750.345**	ug/L	10.689	1	5326	22544316	2	Standard
	V	**51**	**2.784**	ug/L	0.032	1	6586	106138	1	Standard
	V-1	**51**	**3.158**	ug/L	0.046	1	310	113720	0	Standard
	Cr	**52**	**2.728**	ug/L	0.073	2	19577	104147	2	Standard
	Cr	**53**	**3.939**	ug/L	0.088	2	205	14193	0	Standard
	Mn	**55**	**27.238**	ug/L	0.412	1	687	1316939	1	Standard
>	**Ge**	**72**		ug/L			104412	102752	0	KED
	Ni	**60**	**3.941**	ug/L	0.052	1	19	7222	2	KED
	Ni	**62**	**3.991**	ug/L	0.324	8	6	1208	7	KED
	Cu	**63**	**20.135**	ug/L	0.043	0	97	107225	0	KED
	Cu	**65**	**20.251**	ug/L	0.220	1	48	52971	0	KED
	Zn	**66**	**143.662**	ug/L	0.526	0	109	114668	1	KED
	Zn	**67**	**135.486**	ug/L	0.765	0	17	17774	1	KED
	As	**75**	**1.070**	ug/L	0.074	6	5	415	5	KED
	Se	**78**	**0.036**	ug/L	0.092	257	12	14	28	KED
	Y	**89**		ug/L			812004	826212	2	Standard
	Kr	**83**		ug/L			307	314	13	Standard
>	**In-1**	**115**		ug/L			30583	28565	2	KED
	Mo	**98**	**5.820**	ug/L	0.122	2	12	11361	0	KED
	Cd	**111**	**0.279**	ug/L	0.027	9	2	125	9	KED
	Cd	**114**	**0.286**	ug/L	0.003	0	1	329	2	KED
>	**In**	**115**		ug/L			1489880	1519567	2	Standard
	Ag	**107**	**0.020**	ug/L	0.001	4	86	520	5	Standard
	Sb	**121**	**2.065**	ug/L	0.079	3	418	50381	2	Standard
	Sb	**123**	**2.129**	ug/L	0.069	3	364	38959	1	Standard
	Ba	**135**	**22.284**	ug/L	0.474	2	53	199768	1	Standard
	Ba	**137**	**22.243**	ug/L	0.420	1	71	347306	0	Standard
>	**Tb**	**159**		ug/L			3005476	3023468	0	Standard
	Tl	**205**	**0.006**	ug/L	0.000	4	266	946	3	Standard
	Pb	**208**	**3.439**	ug/L	0.037	1	533	479321	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0193-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:43:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1215570	1189791	2	Standard
	Be	**9**	**0.011**	ug/L	0.002	17	10	92	15	Standard
	C	**13**		ug/L			24710	67213	1	Standard
	Cl	**37**		ug/L			7217379	7354221	1	Standard
>	**Sc**	**45**		ug/L			1464999	1470514	0	Standard
	Al	**27**	**308.978**	ug/L	5.042	1	5326	9271779	1	Standard
	V	**51**	**3.454**	ug/L	0.040	1	6586	129942	1	Standard
	V-1	**51**	**3.625**	ug/L	0.025	0	310	130340	1	Standard
	Cr	**52**	**1.597**	ug/L	0.024	1	19577	69014	1	Standard
	Cr	**53**	**2.177**	ug/L	0.044	2	205	7926	1	Standard
	Mn	**55**	**29.655**	ug/L	0.516	1	687	1431776	0	Standard
>	**Ge**	**72**		ug/L			104412	103341	0	KED
	Ni	**60**	**1.813**	ug/L	0.049	2	19	3352	2	KED
	Ni	**62**	**1.803**	ug/L	0.170	9	6	553	10	KED
	Cu	**63**	**32.561**	ug/L	0.196	0	97	174334	1	KED
	Cu	**65**	**32.771**	ug/L	0.252	0	48	86189	1	KED
	Zn	**66**	**93.660**	ug/L	0.557	0	109	75222	0	KED
	Zn	**67**	**87.960**	ug/L	0.814	0	17	11611	1	KED
	As	**75**	**2.194**	ug/L	0.018	0	5	852	1	KED
	Se	**78**	**0.146**	ug/L	0.093	63	12	19	21	KED
	Y	**89**		ug/L			812004	808433	1	Standard
	Kr	**83**		ug/L			307	316	12	Standard
>	**In-1**	**115**		ug/L			30583	28883	1	KED
	Mo	**98**	**0.825**	ug/L	0.036	4	12	1639	3	KED
	Cd	**111**	**0.068**	ug/L	0.013	18	2	32	16	KED
	Cd	**114**	**0.061**	ug/L	0.001	2	1	71	1	KED
>	**In**	**115**		ug/L			1489880	1503407	0	Standard
	Ag	**107**	**0.026**	ug/L	0.002	6	86	649	6	Standard
	Sb	**121**	**0.734**	ug/L	0.007	0	418	17996	1	Standard
	Sb	**123**	**0.762**	ug/L	0.010	1	364	14043	0	Standard
	Ba	**135**	**9.759**	ug/L	0.090	0	53	86602	0	Standard
	Ba	**137**	**9.790**	ug/L	0.053	0	71	151304	0	Standard
>	**Tb**	**159**		ug/L			3005476	2999146	1	Standard
	Tl	**205**	**0.005**	ug/L	0.000	6	266	834	3	Standard
	Pb	**208**	**2.790**	ug/L	0.029	1	533	385721	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 16:50:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1208218	3	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	34	10	6	15	Standard
	C	**13**		ug/L			24710	29428	0	Standard
	Cl	**37**		ug/L			7217379	7473434	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1441514	0	Standard
⌈	**Al**	**27**	**-0.005**	ug/L	0.005	102	5326	5106	3	Standard
⌈	**V**	**51**	**0.002**	ug/L	0.004	243	6586	6543	2	Standard
⌈	**V-1**	**51**	**0.070**	ug/L	0.001	1	310	2779	0	Standard
⌈	**Cr**	**52**	**0.001**	ug/L	0.002	177	19577	19296	0	Standard
⌈	**Cr**	**53**	**0.223**	ug/L	0.011	5	205	976	3	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.000	3	687	975	1	Standard
⌈>	**Ge**	**72**		ug/L			104412	102435	1	KED
⌈	**Ni**	**60**	**0.004**	ug/L	0.001	30	19	26	7	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.000	13	6	7	0	KED
⌈	**Cu**	**63**	**-0.001**	ug/L	0.004	370	97	89	25	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.004	234	48	43	21	KED
⌈	**Zn**	**66**	**0.135**	ug/L	0.012	9	109	215	3	KED
⌈	**Zn**	**67**	**0.095**	ug/L	0.081	85	17	29	35	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.001	27	5	4	6	KED
⌊	**Se**	**78**	**-0.024**	ug/L	0.028	113	12	11	11	KED
	Y	**89**		ug/L			812004	790355	0	Standard
	Kr	**83**		ug/L			307	328	11	Standard
⌈>	**In-1**	**115**		ug/L			30583	29049	1	KED
⌈	**Mo**	**98**	**-0.003**	ug/L	0.002	62	12	5	66	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.001	484	2	2	24	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.004	63	1	9	55	KED
⌈>	**In**	**115**		ug/L			1489880	1475053	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	41	86	55	22	Standard
⌈	**Sb**	**121**	**-0.012**	ug/L	0.000	3	418	132	7	Standard
⌈	**Sb**	**123**	**-0.014**	ug/L	0.001	3	364	106	8	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.002	409	53	49	26	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	37	71	94	10	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2962585	0	Standard
⌈	**Tl**	**205**	**-0.002**	ug/L	0.000	3	266	105	5	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	31	533	667	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-BLK2
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, June 24, 2021 16:55:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1215570	1218401	1	Standard
[	**Be**	**9**	**0.000**	ug/L	0.001	228	10	13	42	Standard
	C	**13**		ug/L			24710	41940	1	Standard
	Cl	**37**		ug/L			7217379	7492295	0	Standard
[>	**Sc**	**45**		ug/L			1464999	1434491	0	Standard
[	**Al**	**27**	**1.282**	ug/L	0.017	1	5326	42720	1	Standard
[	**V**	**51**	**0.008**	ug/L	0.004	49	6586	6723	2	Standard
[	**V-1**	**51**	**0.066**	ug/L	0.002	2	310	2625	2	Standard
[	**Cr**	**52**	**0.110**	ug/L	0.008	7	19577	22498	0	Standard
[	**Cr**	**53**	**0.298**	ug/L	0.024	7	205	1231	5	Standard
[	**Mn**	**55**	**0.219**	ug/L	0.003	1	687	11007	1	Standard
[>	**Ge**	**72**		ug/L			104412	102443	0	KED
[	**Ni**	**60**	**0.049**	ug/L	0.021	42	19	108	35	KED
[	**Ni**	**62**	**0.038**	ug/L	0.026	66	6	18	41	KED
[	**Cu**	**63**	**0.069**	ug/L	0.008	11	97	459	8	KED
[	**Cu**	**65**	**0.071**	ug/L	0.004	6	48	233	4	KED
[	**Zn**	**66**	**0.779**	ug/L	0.025	3	109	727	2	KED
[	**Zn**	**67**	**0.712**	ug/L	0.038	5	17	109	3	KED
[	**As**	**75**	**-0.006**	ug/L	0.003	39	5	2	33	KED
[	**Se**	**78**	**0.005**	ug/L	0.065	1219	12	12	21	KED
	Y	**89**		ug/L			812004	781474	1	Standard
	Kr	**83**		ug/L			307	309	4	Standard
[>	**In-1**	**115**		ug/L			30583	28514	1	KED
[	**Mo**	**98**	**0.003**	ug/L	0.001	21	12	17	6	KED
[	**Cd**	**111**	**0.002**	ug/L	0.002	124	2	2	33	KED
[	**Cd**	**114**	**0.006**	ug/L	0.004	72	1	7	62	KED
[>	**In**	**115**		ug/L			1489880	1468928	1	Standard
[	**Ag**	**107**	**0.001**	ug/L	0.001	85	86	113	21	Standard
[	**Sb**	**121**	**-0.002**	ug/L	0.000	16	418	359	3	Standard
[	**Sb**	**123**	**-0.003**	ug/L	0.002	59	364	306	10	Standard
[	**Ba**	**135**	**0.024**	ug/L	0.003	12	53	257	8	Standard
[	**Ba**	**137**	**0.023**	ug/L	0.001	4	71	421	3	Standard
[>	**Tb**	**159**		ug/L			3005476	2924981	1	Standard
[	**Tl**	**205**	**-0.001**	ug/L	0.000	4	266	194	2	Standard
[	**Pb**	**208**	**0.023**	ug/L	0.001	5	533	3648	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:00:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1199376	0	Standard
⌊	**Be**	**9**	**48.362**	ug/L	0.515	1	10	377524	0	Standard
	C	**13**		ug/L			24710	26888	1	Standard
	Cl	**37**		ug/L			7217379	7760504	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1433548	1	Standard
⌈	**Al**	**27**	**4878.971**	ug/L	36.816	0	5326	142669710	2	Standard
⌊	**V**	**51**	**47.058**	ug/L	1.336	2	6586	1644056	1	Standard
⌈	**V-1**	**51**	**47.468**	ug/L	1.095	2	310	1659907	1	Standard
⌊	**Cr**	**52**	**47.595**	ug/L	1.497	3	19577	1453476	2	Standard
⌈	**Cr**	**53**	**48.910**	ug/L	0.838	1	205	169311	1	Standard
⌊	**Mn**	**55**	**49.281**	ug/L	0.869	1	687	2318972	0	Standard
⌈>	**Ge**	**72**		ug/L			104412	102673	0	KED
⌈	**Ni**	**60**	**48.188**	ug/L	0.286	0	19	88030	0	KED
⌊	**Ni**	**62**	**47.958**	ug/L	0.402	0	6	14445	0	KED
⌈	**Cu**	**63**	**49.291**	ug/L	0.186	0	97	262143	0	KED
⌊	**Cu**	**65**	**49.558**	ug/L	0.164	0	48	129466	0	KED
⌈	**Zn**	**66**	**48.616**	ug/L	0.223	0	109	38845	0	KED
⌊	**Zn**	**67**	**48.035**	ug/L	0.663	1	17	6307	1	KED
⌈	**As**	**75**	**48.684**	ug/L	0.152	0	5	18674	0	KED
⌊	**Se**	**78**	**49.934**	ug/L	0.578	1	12	2170	0	KED
	Y	**89**		ug/L			812004	793777	0	Standard
	Kr	**83**		ug/L			307	304	8	Standard
⌈>	**In-1**	**115**		ug/L			30583	28183	0	KED
⌈	**Mo**	**98**	**49.121**	ug/L	0.531	1	12	94546	0	KED
⌊	**Cd**	**111**	**49.343**	ug/L	0.588	1	2	21608	0	KED
⌊	**Cd**	**114**	**49.608**	ug/L	0.489	0	1	56219	0	KED
⌈>	**In**	**115**		ug/L			1489880	1477326	2	Standard
⌈	**Ag**	**107**	**45.580**	ug/L	1.295	2	86	964451	0	Standard
⌊	**Sb**	**121**	**47.245**	ug/L	1.212	2	418	1111729	2	Standard
⌈	**Sb**	**123**	**48.314**	ug/L	0.790	1	364	851696	1	Standard
⌊	**Ba**	**135**	**47.061**	ug/L	1.455	3	53	409967	0	Standard
⌊	**Ba**	**137**	**46.813**	ug/L	1.352	2	71	710331	0	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2991377	1	Standard
⌈	**Tl**	**205**	**50.476**	ug/L	0.878	1	266	5306912	0	Standard
⌊	**Pb**	**208**	**48.898**	ug/L	0.723	1	533	6735047	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:07:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1215570	1220368	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	72	10	6	41	Standard
	C	**13**		ug/L			24710	25261	0	Standard
	Cl	**37**		ug/L			7217379	7494535	0	Standard
⌈>	**Sc**	**45**		ug/L			1464999	1440127	2	Standard
⌈	**Al**	**27**	**0.019**	ug/L	0.002	9	5326	5808	3	Standard
⌈	**V**	**51**	**-0.005**	ug/L	0.003	59	6586	6314	1	Standard
⌈	**V-1**	**51**	**0.030**	ug/L	0.000	1	310	1343	1	Standard
⌈	**Cr**	**52**	**-0.014**	ug/L	0.011	75	19577	18802	0	Standard
⌈	**Cr**	**53**	**0.096**	ug/L	0.009	9	205	534	3	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	15	687	912	5	Standard
⌈>	**Ge**	**72**		ug/L			104412	100877	0	KED
⌈	**Ni**	**60**	**0.013**	ug/L	0.007	50	19	43	28	KED
⌈	**Ni**	**62**	**0.003**	ug/L	0.006	215	6	7	25	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.002	150	97	101	11	KED
⌈	**Cu**	**65**	**0.001**	ug/L	0.003	179	48	50	12	KED
⌈	**Zn**	**66**	**0.047**	ug/L	0.010	21	109	142	5	KED
⌈	**Zn**	**67**	**0.083**	ug/L	0.051	60	17	27	24	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.004	92	5	3	39	KED
⌊	**Se**	**78**	**0.071**	ug/L	0.104	146	12	15	27	KED
	Y	**89**		ug/L			812004	787041	0	Standard
	Kr	**83**		ug/L			307	313	8	Standard
⌈>	**In-1**	**115**		ug/L			30583	28357	1	KED
⌈	**Mo**	**98**	**0.005**	ug/L	0.004	75	12	20	32	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.004	944	2	1	86	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	71	1	3	53	KED
⌈>	**In**	**115**		ug/L			1489880	1481305	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	20	86	111	5	Standard
⌈	**Sb**	**121**	**0.045**	ug/L	0.002	3	418	1480	4	Standard
⌈	**Sb**	**123**	**0.042**	ug/L	0.004	10	364	1104	9	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	50	53	40	15	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	110	71	80	12	Standard
⌈>	**Tb**	**159**		ug/L			3005476	2930778	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	55	266	307	8	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	3	533	694	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:14:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1194726	0	Standard
⌊	**Be**	**9**		ug/L				10	36	Standard
	C	**13**		ug/L				23506	1	Standard
	Cl	**37**		ug/L				7416730	0	Standard
⌈>	**Sc**	**45**		ug/L				1401241	0	Standard
⎢	**Al**	**27**		ug/L				3581	0	Standard
⎢	**V**	**51**		ug/L				6210	0	Standard
⎢	**V-1**	**51**		ug/L				1196	1	Standard
⎢	**Cr**	**52**		ug/L				18685	0	Standard
⎢	**Cr**	**53**		ug/L				507	4	Standard
⌊	**Mn**	**55**		ug/L				746	2	Standard
⌈>	**Ge**	**72**		ug/L				101529	0	KED
⎢	**Ni**	**60**		ug/L				17	52	KED
⎢	**Ni**	**62**		ug/L				12	24	KED
⎢	**Cu**	**63**		ug/L				76	21	KED
⎢	**Cu**	**65**		ug/L				49	17	KED
⎢	**Zn**	**66**		ug/L				83	11	KED
⎢	**Zn**	**67**		ug/L				12	36	KED
⎢	**As**	**75**		ug/L				3	65	KED
⌊	**Se**	**78**		ug/L				12	21	KED
	Y	**89**		ug/L				769736	0	Standard
	Kr	**83**		ug/L				333	8	Standard
⌈>	**In-1**	**115**		ug/L				28597	1	KED
⎢	**Mo**	**98**		ug/L				7	71	KED
⎢	**Cd**	**111**		ug/L				3	62	KED
⌊	**Cd**	**114**		ug/L				4	81	KED
⌈>	**In**	**115**		ug/L				1441543	1	Standard
⎢	**Ag**	**107**		ug/L				67	9	Standard
⎢	**Sb**	**121**		ug/L				516	12	Standard
⎢	**Sb**	**123**		ug/L				381	8	Standard
⎢	**Ba**	**135**		ug/L				36	5	Standard
⌊	**Ba**	**137**		ug/L				62	18	Standard
⌈>	**Tb**	**159**		ug/L				2863138	0	Standard
⎢	**Tl**	**205**		ug/L				138	2	Standard
⌊	**Pb**	**208**		ug/L				429	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:18:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1192972	1	Standard
⌊	**Be**	**9**	**49.168**	ug/L	1.221	2	10	381695	1	Standard
	C	**13**		ug/L			23506	26774	1	Standard
	Cl	**37**		ug/L			7416730	7725247	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1408319	2	Standard
⌈	**Al**	**27**	**4979.032**	ug/L	108.399	2	3581	142974084	1	Standard
⌊	**V**	**51**	**48.270**	ug/L	1.387	2	6210	1656278	2	Standard
⌈	**V-1**	**51**	**48.513**	ug/L	1.514	3	1196	1667225	2	Standard
⌊	**Cr**	**52**	**48.958**	ug/L	1.285	2	18685	1467894	1	Standard
⌈	**Cr**	**53**	**49.732**	ug/L	1.681	3	507	169372	1	Standard
⌊	**Mn**	**55**	**50.297**	ug/L	1.369	2	746	2324841	2	Standard
⌈>	**Ge**	**72**		ug/L			101529	102063	1	KED
⌈	**Ni**	**60**	**48.726**	ug/L	0.609	1	17	88480	1	KED
⌊	**Ni**	**62**	**48.854**	ug/L	0.799	1	12	14631	0	KED
⌈	**Cu**	**63**	**49.403**	ug/L	0.593	1	76	261139	0	KED
⌊	**Cu**	**65**	**49.599**	ug/L	0.292	0	49	128812	1	KED
⌈	**Zn**	**66**	**48.666**	ug/L	0.166	0	83	38629	0	KED
⌊	**Zn**	**67**	**49.627**	ug/L	1.611	3	12	6471	2	KED
⌈	**As**	**75**	**49.187**	ug/L	0.167	0	3	18754	1	KED
⌊	**Se**	**78**	**49.017**	ug/L	0.201	0	12	2118	0	KED
	Y	**89**		ug/L			769736	788348	1	Standard
	Kr	**83**		ug/L			333	443	22	Standard
⌈>	**In-1**	**115**		ug/L			28597	28455	1	KED
⌈	**Mo**	**98**	**48.496**	ug/L	0.718	1	7	94243	1	KED
⌊	**Cd**	**111**	**48.994**	ug/L	0.572	1	3	21664	1	KED
⌊	**Cd**	**114**	**48.913**	ug/L	0.553	1	4	55968	0	KED
⌈>	**In**	**115**		ug/L			1441543	1466260	3	Standard
⌈	**Ag**	**107**	**46.455**	ug/L	1.649	3	67	975336	0	Standard
⌊	**Sb**	**121**	**47.277**	ug/L	1.007	2	516	1104026	1	Standard
⌈	**Sb**	**123**	**48.639**	ug/L	1.897	3	381	850539	0	Standard
⌈	**Ba**	**135**	**47.784**	ug/L	0.562	1	36	413268	2	Standard
⌊	**Ba**	**137**	**47.737**	ug/L	0.837	1	62	719032	1	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2995697	0	Standard
⌈	**Tl**	**205**	**50.503**	ug/L	0.672	1	138	5317671	0	Standard
⌊	**Pb**	**208**	**48.954**	ug/L	0.445	0	429	6753046	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:26:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1207783	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.001	3765	10	10	40	Standard
	C	**13**		ug/L			23506	23350	3	Standard
	Cl	**37**		ug/L			7416730	7495914	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1411398	0	Standard
⌈	**Al**	**27**	**0.010**	ug/L	0.001	10	3581	3901	0	Standard
⌈	**V**	**51**	**-0.000**	ug/L	0.004	7691	6210	6253	2	Standard
⌈	**V-1**	**51**	**-0.009**	ug/L	0.000	4	1196	909	1	Standard
⌈	**Cr**	**52**	**-0.011**	ug/L	0.011	99	18685	18502	1	Standard
⌈	**Cr**	**53**	**-0.038**	ug/L	0.005	12	507	381	4	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	4886	746	751	4	Standard
⌈>	**Ge**	**72**		ug/L			101529	101818	1	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.003	126	17	21	22	KED
⌈	**Ni**	**62**	**-0.017**	ug/L	0.007	41	12	6	31	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.001	38	76	90	5	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.005	308	49	53	24	KED
⌈	**Zn**	**66**	**-0.007**	ug/L	0.007	94	83	77	6	KED
⌈	**Zn**	**67**	**-0.020**	ug/L	0.025	128	12	9	34	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.003	652	3	3	34	KED
⌊	**Se**	**78**	**-0.012**	ug/L	0.108	880	12	12	39	KED
	Y	**89**		ug/L			769736	779002	0	Standard
	Kr	**83**		ug/L			333	335	4	Standard
⌈>	**In-1**	**115**		ug/L			28597	28222	2	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.003	128	7	11	50	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.003	2427	3	3	41	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	52	4	2	51	KED
⌈>	**In**	**115**		ug/L			1441543	1435615	1	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	33	67	90	9	Standard
⌈	**Sb**	**121**	**0.048**	ug/L	0.001	1	516	1610	0	Standard
⌈	**Sb**	**123**	**0.051**	ug/L	0.001	2	381	1257	3	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	1031	36	36	10	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.000	31	62	41	16	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2891892	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	15	138	313	8	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	38	429	475	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0570-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:33:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1194726	1210796	1	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	37	10	8	13	Standard
	C	**13**		ug/L			23506	41818	0	Standard
	Cl	**37**		ug/L			7416730	7451444	0	Standard
[>	**Sc**	**45**		ug/L			1401241	1423590	1	Standard
[	**Al**	**27**	**1.181**	ug/L	0.015	1	3581	37935	2	Standard
[	**V**	**51**	**0.015**	ug/L	0.003	18	6210	6842	0	Standard
[	**V-1**	**51**	**-0.001**	ug/L	0.001	154	1196	1186	2	Standard
[	**Cr**	**52**	**0.130**	ug/L	0.009	7	18685	22859	0	Standard
[	**Cr**	**53**	**0.075**	ug/L	0.004	5	507	774	1	Standard
[	**Mn**	**55**	**0.210**	ug/L	0.006	2	746	10579	1	Standard
[>	**Ge**	**72**		ug/L			101529	100458	1	KED
[	**Ni**	**60**	**0.022**	ug/L	0.010	46	17	56	32	KED
[	**Ni**	**62**	**-0.002**	ug/L	0.006	364	12	11	16	KED
[	**Cu**	**63**	**0.025**	ug/L	0.004	17	76	203	10	KED
[	**Cu**	**65**	**0.013**	ug/L	0.004	28	49	83	10	KED
[	**Zn**	**66**	**0.224**	ug/L	0.011	4	83	257	3	KED
[	**Zn**	**67**	**0.239**	ug/L	0.037	15	12	42	11	KED
[	**As**	**75**	**0.001**	ug/L	0.002	149	3	3	21	KED
[	**Se**	**78**	**-0.003**	ug/L	0.046	1506	12	12	14	KED
	Y	**89**		ug/L			769736	789964	0	Standard
	Kr	**83**		ug/L			333	301	6	Standard
[>	**In-1**	**115**		ug/L			28597	28569	0	KED
[	**Mo**	**98**	**0.005**	ug/L	0.002	39	7	16	22	KED
[	**Cd**	**111**	**-0.001**	ug/L	0.004	637	3	3	62	KED
[	**Cd**	**114**	**-0.002**	ug/L	0.003	167	4	2	107	KED
[>	**In**	**115**		ug/L			1441543	1470261	0	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.000	27	67	106	10	Standard
[	**Sb**	**121**	**0.011**	ug/L	0.004	33	516	780	10	Standard
[	**Sb**	**123**	**0.015**	ug/L	0.002	16	381	648	5	Standard
[	**Ba**	**135**	**0.005**	ug/L	0.001	10	36	83	6	Standard
[	**Ba**	**137**	**0.004**	ug/L	0.001	23	62	120	11	Standard
[>	**Tb**	**159**		ug/L			2863138	2941458	1	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	32	138	186	8	Standard
[	**Pb**	**208**	**0.002**	ug/L	0.001	27	429	686	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0314-03
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:40:20

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1422794	1	Standard
	Be	**9**	**0.008**	ug/L	0.002	20	10	86	16	Standard
	C	**13**		ug/L			23506	65837	1	Standard
	Cl	**37**		ug/L			7416730	31041621	1	Standard
>	**Sc**	**45**		ug/L			1401241	1761852	1	Standard
	Al	**27**	**2.004**	ug/L	0.039	1	3581	76491	0	Standard
	V	**51**	**0.756**	ug/L	0.046	6	6210	40133	3	Standard
	V-1	**51**	**5.131**	ug/L	0.023	0	1196	222018	1	Standard
	Cr	**52**	**0.483**	ug/L	0.007	1	18685	41388	1	Standard
	Cr	**53**	**14.636**	ug/L	0.065	0	507	62842	2	Standard
	Mn	**55**	**354.455**	ug/L	1.909	0	746	20496189	1	Standard
>	**Ge**	**72**		ug/L			101529	98412	0	KED
	Ni	**60**	**8.249**	ug/L	0.094	1	17	14457	0	KED
	Ni	**62**	**7.918**	ug/L	0.105	1	12	2296	1	KED
	Cu	**63**	**0.679**	ug/L	0.028	4	76	3531	4	KED
	Cu	**65**	**0.697**	ug/L	0.026	3	49	1793	3	KED
	Zn	**66**	**1.133**	ug/L	0.086	7	83	946	6	KED
	Zn	**67**	**3.989**	ug/L	0.087	2	12	512	2	KED
	As	**75**	**0.338**	ug/L	0.018	5	3	127	5	KED
	Se	**78**	**0.210**	ug/L	0.116	55	12	20	22	KED
	Y	**89**		ug/L			769736	838854	2	Standard
	Kr	**83**		ug/L			333	367	3	Standard
>	**In-1**	**115**		ug/L			28597	27741	1	KED
	Mo	**98**	**0.458**	ug/L	0.022	4	7	874	3	KED
	Cd	**111**	**0.092**	ug/L	0.025	27	3	43	25	KED
	Cd	**114**	**0.106**	ug/L	0.023	21	4	122	19	KED
>	**In**	**115**		ug/L			1441543	1211873	0	Standard
	Ag	**107**	**0.003**	ug/L	0.001	21	67	111	11	Standard
	Sb	**121**	**0.017**	ug/L	0.002	13	516	754	5	Standard
	Sb	**123**	**0.018**	ug/L	0.002	9	381	585	4	Standard
	Ba	**135**	**57.148**	ug/L	0.699	1	36	408589	0	Standard
	Ba	**137**	**59.013**	ug/L	0.915	1	62	734911	1	Standard
>	**Tb**	**159**		ug/L			2863138	3166767	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	6	138	389	3	Standard
	Pb	**208**	**0.025**	ug/L	0.001	2	429	4127	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:45:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1304770	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.001	263	10	10	43	Standard
	C	**13**		ug/L			23506	31121	2	Standard
	Cl	**37**		ug/L			7416730	8006976	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1473250	0	Standard
⌈	**Al**	**27**	**0.053**	ug/L	0.002	3	3581	5360	1	Standard
⌈	**V**	**51**	**0.030**	ug/L	0.008	27	6210	7589	3	Standard
⌈	**V-1**	**51**	**0.228**	ug/L	0.008	3	1196	9434	2	Standard
⌈	**Cr**	**52**	**0.109**	ug/L	0.004	4	18685	23021	0	Standard
⌈	**Cr**	**53**	**0.748**	ug/L	0.010	1	507	3191	1	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	18	746	1108	6	Standard
⌈>	**Ge**	**72**		ug/L			101529	105168	1	KED
⌈	**Ni**	**60**	**0.007**	ug/L	0.003	37	17	31	17	KED
⌈	**Ni**	**62**	**-0.016**	ug/L	0.010	64	12	7	43	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.003	1422	76	80	21	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.003	228	49	47	20	KED
⌈	**Zn**	**66**	**0.175**	ug/L	0.032	18	83	228	11	KED
⌈	**Zn**	**67**	**0.196**	ug/L	0.070	35	12	38	22	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	351	3	3	33	KED
⌊	**Se**	**78**	**0.037**	ug/L	0.037	98	12	14	12	KED
	Y	**89**		ug/L			769736	804800	1	Standard
	Kr	**83**		ug/L			333	318	4	Standard
⌈>	**In-1**	**115**		ug/L			28597	29029	1	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.001	8327	7	7	27	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.001	89	3	4	13	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.003	150	4	7	49	KED
⌈>	**In**	**115**		ug/L			1441543	1400890	2	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	45	67	52	11	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.000	2	516	222	2	Standard
⌈	**Sb**	**123**	**-0.011**	ug/L	0.000	3	381	179	5	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	73	36	41	9	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	50	62	91	19	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2940206	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	72	138	181	15	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.002	71	429	862	34	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0185-03RE1
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 17:55:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1379503	1	Standard
	Be	**9**	**0.002**	ug/L	0.001	51	10	26	27	Standard
	C	**13**		ug/L			23506	45656	1	Standard
	Cl	**37**		ug/L			7416730	19710812	2	Standard
>	**Sc**	**45**		ug/L			1401241	1735599	1	Standard
	Al	**27**	**21.900**	ug/L	0.528	2	3581	779570	1	Standard
	V	**51**	**1.759**	ug/L	0.048	2	6210	81834	3	Standard
	V-1	**51**	**5.502**	ug/L	0.112	2	1196	234433	2	Standard
	Cr	**52**	**0.343**	ug/L	0.005	1	18685	35647	1	Standard
	Cr	**53**	**12.468**	ug/L	0.232	1	507	52828	2	Standard
	Mn	**55**	**9.284**	ug/L	0.085	0	746	529751	1	Standard
>	**Ge**	**72**		ug/L			101529	91545	1	KED
	Ni	**60**	**3.219**	ug/L	0.029	0	17	5258	1	KED
	Ni	**62**	**3.100**	ug/L	0.100	3	12	843	3	KED
	Cu	**63**	**0.198**	ug/L	0.004	1	76	1005	0	KED
	Cu	**65**	**0.225**	ug/L	0.002	0	49	567	1	KED
	Zn	**66**	**0.636**	ug/L	0.047	7	83	526	5	KED
	Zn	**67**	**4.151**	ug/L	0.430	10	12	495	9	KED
	As	**75**	**0.714**	ug/L	0.033	4	3	246	5	KED
	Se	**78**	**15.355**	ug/L	0.102	0	12	603	1	KED
	Y	**89**		ug/L			769736	796155	1	Standard
	Kr	**83**		ug/L			333	336	6	Standard
>	**In-1**	**115**		ug/L			28597	26445	1	KED
	Mo	**98**	**1.698**	ug/L	0.027	1	7	3073	0	KED
	Cd	**111**	**0.044**	ug/L	0.015	34	3	21	29	KED
	Cd	**114**	**0.040**	ug/L	0.002	6	4	46	6	KED
>	**In**	**115**		ug/L			1441543	1299002	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	74	67	75	15	Standard
	Sb	**121**	**0.014**	ug/L	0.001	9	516	753	4	Standard
	Sb	**123**	**0.014**	ug/L	0.001	9	381	568	4	Standard
	Ba	**135**	**67.926**	ug/L	0.660	0	36	520559	0	Standard
	Ba	**137**	**68.058**	ug/L	0.354	0	62	908506	1	Standard
>	**Tb**	**159**		ug/L			2863138	3036930	1	Standard
	Tl	**205**	**0.003**	ug/L	0.000	13	138	425	7	Standard
	Pb	**208**	**0.073**	ug/L	0.001	1	429	10654	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0131-01RE1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:01:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1226950	1	Standard
	Be	**9**	**0.014**	ug/L	0.001	9	10	122	7	Standard
	C	**13**		ug/L			23506	67726	2	Standard
	Cl	**37**		ug/L			7416730	7283069	0	Standard
>	**Sc**	**45**		ug/L			1401241	1494784	0	Standard
	Al	**27**	**851.591**	ug/L	10.625	1	3581	25967062	1	Standard
	V	**51**	**0.161**	ug/L	0.002	1	6210	12466	0	Standard
	V-1	**51**	**0.617**	ug/L	0.016	2	1196	23779	2	Standard
	Cr	**52**	**0.465**	ug/L	0.001	0	18685	34561	0	Standard
	Cr	**53**	**1.936**	ug/L	0.058	2	507	7523	2	Standard
	Mn	**55**	**2.171**	ug/L	0.018	0	746	107289	0	Standard
>	**Ge**	**72**		ug/L			101529	100662	1	KED
	Ni	**60**	**0.353**	ug/L	0.021	5	17	649	6	KED
	Ni	**62**	**0.390**	ug/L	0.008	2	12	126	1	KED
	Cu	**63**	**3.349**	ug/L	0.054	1	76	17532	2	KED
	Cu	**65**	**3.380**	ug/L	0.057	1	49	8700	0	KED
	Zn	**66**	**3.399**	ug/L	0.050	1	83	2737	0	KED
	Zn	**67**	**8.857**	ug/L	0.543	6	12	1148	4	KED
	As	**75**	**0.149**	ug/L	0.006	3	3	59	2	KED
	Se	**78**	**0.056**	ug/L	0.046	82	12	14	13	KED
	Y	**89**		ug/L			769736	781586	1	Standard
	Kr	**83**		ug/L			333	319	2	Standard
>	**In-1**	**115**		ug/L			28597	28374	0	KED
	Mo	**98**	**0.139**	ug/L	0.008	5	7	276	4	KED
	Cd	**111**	**0.108**	ug/L	0.017	15	3	51	14	KED
	Cd	**114**	**0.000**	ug/L	0.005	1466	4	5	102	KED
>	**In**	**115**		ug/L			1441543	1409125	2	Standard
	Ag	**107**	**4.412**	ug/L	0.158	3	67	89140	3	Standard
	Sb	**121**	**0.369**	ug/L	0.015	4	516	8774	1	Standard
	Sb	**123**	**0.399**	ug/L	0.004	1	381	7082	1	Standard
	Ba	**135**	**74.281**	ug/L	1.022	1	36	617537	2	Standard
	Ba	**137**	**74.700**	ug/L	1.221	1	62	1081514	1	Standard
>	**Tb**	**159**		ug/L			2863138	3016778	0	Standard
	Tl	**205**	**0.001**	ug/L	0.000	16	138	289	7	Standard
	Pb	**208**	**0.663**	ug/L	0.015	2	429	92556	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21E0314-03
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:09:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1342697	0	Standard
⌊	**Be**	**9**	**0.003**	ug/L	0.001	29	10	38	19	Standard
	C	**13**		ug/L			23506	41305	2	Standard
	Cl	**37**		ug/L			7416730	17445687	1	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1574683	1	Standard
⌈	**Al**	**27**	**0.880**	ug/L	0.004	0	3581	32294	1	Standard
⌈	**V**	**51**	**0.304**	ug/L	0.035	11	6210	18603	6	Standard
⌈	**V-1**	**51**	**2.492**	ug/L	0.030	1	1196	97076	2	Standard
⌈	**Cr**	**52**	**0.255**	ug/L	0.015	5	18685	29434	2	Standard
⌈	**Cr**	**53**	**7.331**	ug/L	0.046	0	507	28421	2	Standard
⌊	**Mn**	**55**	**165.445**	ug/L	1.647	0	746	8550900	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	98797	3	KED
⌈	**Ni**	**60**	**3.387**	ug/L	0.100	2	17	5973	5	KED
⌈	**Ni**	**62**	**3.537**	ug/L	0.358	10	12	1035	9	KED
⌈	**Cu**	**63**	**0.287**	ug/L	0.008	2	76	1544	4	KED
⌈	**Cu**	**65**	**0.289**	ug/L	0.007	2	49	774	5	KED
⌈	**Zn**	**66**	**0.525**	ug/L	0.033	6	83	483	7	KED
⌈	**Zn**	**67**	**1.756**	ug/L	0.277	15	12	233	17	KED
⌈	**As**	**75**	**0.145**	ug/L	0.008	5	3	56	7	KED
⌊	**Se**	**78**	**0.020**	ug/L	0.066	329	12	13	19	KED
	Y	**89**		ug/L			769736	805069	3	Standard
	Kr	**83**		ug/L			333	342	9	Standard
⌈>	**In-1**	**115**		ug/L			28597	28220	1	KED
⌈	**Mo**	**98**	**0.176**	ug/L	0.010	5	7	347	4	KED
⌈	**Cd**	**111**	**0.042**	ug/L	0.003	7	3	21	7	KED
⌊	**Cd**	**114**	**0.039**	ug/L	0.008	21	4	49	20	KED
⌈>	**In**	**115**		ug/L			1441543	1311279	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	53	67	84	12	Standard
⌈	**Sb**	**121**	**-0.006**	ug/L	0.001	15	516	353	5	Standard
⌈	**Sb**	**123**	**-0.005**	ug/L	0.001	14	381	264	2	Standard
⌈	**Ba**	**135**	**21.717**	ug/L	0.066	0	36	168038	2	Standard
⌊	**Ba**	**137**	**21.841**	ug/L	0.227	1	62	294305	1	Standard
⌈>	**Tb**	**159**		ug/L			2863138	3004231	2	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	41	138	213	13	Standard
⌊	**Pb**	**208**	**0.011**	ug/L	0.001	5	429	1916	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-DUP6
Sample Dil Factor: 5x DIL.
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:15:17
MB 6/25/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1360597	0	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	66	10	27	37	Standard
	C	**13**		ug/L			23506	42625	1	Standard
	Cl	**37**		ug/L			7416730	17526382	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1617513	1	Standard
|	**Al**	**27**	**1.644**	ug/L	0.012	0	3581	58379	1	Standard
|	**V**	**51**	**0.325**	ug/L	0.015	4	6210	19942	3	Standard
|	**V-1**	**51**	**2.590**	ug/L	0.021	0	1196	103554	1	Standard
|	**Cr**	**52**	**0.286**	ug/L	0.013	4	18685	31283	1	Standard
|	**Cr**	**53**	**7.609**	ug/L	0.104	1	507	30273	1	Standard
⌊	**Mn**	**55**	**163.403**	ug/L	2.135	1	746	8675167	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	103109	1	KED
|	**Ni**	**60**	**3.328**	ug/L	0.105	3	17	6123	4	KED
|	**Ni**	**62**	**3.290**	ug/L	0.248	7	12	1006	6	KED
|	**Cu**	**63**	**0.307**	ug/L	0.004	1	76	1714	1	KED
|	**Cu**	**65**	**0.319**	ug/L	0.006	1	49	888	3	KED
|	**Zn**	**66**	**0.789**	ug/L	0.025	3	83	715	2	KED
|	**Zn**	**67**	**2.090**	ug/L	0.093	4	12	286	3	KED
|	**As**	**75**	**0.152**	ug/L	0.018	12	3	61	10	KED
⌊	**Se**	**78**	**0.050**	ug/L	0.069	137	12	15	20	KED
	Y	**89**		ug/L			769736	819875	1	Standard
	Kr	**83**		ug/L			333	358	10	Standard
⌈>	**In-1**	**115**		ug/L			28597	28440	0	KED
|	**Mo**	**98**	**0.174**	ug/L	0.019	10	7	344	10	KED
|	**Cd**	**111**	**0.040**	ug/L	0.003	6	3	21	5	KED
⌊	**Cd**	**114**	**0.045**	ug/L	0.002	3	4	56	3	KED
⌈>	**In**	**115**		ug/L			1441543	1319208	2	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	26	67	78	7	Standard
|	**Sb**	**121**	**-0.003**	ug/L	0.000	10	516	406	3	Standard
|	**Sb**	**123**	**-0.003**	ug/L	0.001	47	381	308	7	Standard
|	**Ba**	**135**	**21.496**	ug/L	0.369	1	36	167291	0	Standard
⌊	**Ba**	**137**	**21.800**	ug/L	0.475	2	62	295480	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	3065610	0	Standard
|	**Tl**	**205**	**0.001**	ug/L	0.000	17	138	204	5	Standard
⌊	**Pb**	**208**	**0.031**	ug/L	0.001	2	429	4865	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-MS6
Sample Dil Factor: 5x DIL.
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:19:50 MB 6/25/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1194726	1338834	2	Standard
[	**Be**	**9**	**5.101**	ug/L	0.086	1	10	44453	1	Standard
	C	**13**		ug/L			23506	44099	1	Standard
	Cl	**37**		ug/L			7416730	17427011	0	Standard
[>	**Sc**	**45**		ug/L			1401241	1597426	2	Standard
[	**Al**	**27**	**1041.500**	ug/L	3.456	0	3581	33937072	2	Standard
[	**V**	**51**	**5.089**	ug/L	0.108	2	6210	204441	3	Standard
[	**V-1**	**51**	**8.086**	ug/L	0.093	1	1196	316430	2	Standard
[	**Cr**	**52**	**5.028**	ug/L	0.066	1	18685	190168	2	Standard
[	**Cr**	**53**	**14.723**	ug/L	0.149	1	507	57302	1	Standard
[	**Mn**	**55**	**171.460**	ug/L	3.306	1	746	8987748	1	Standard
[>	**Ge**	**72**		ug/L			101529	104067	0	KED
[	**Ni**	**60**	**8.593**	ug/L	0.027	0	17	15926	0	KED
[	**Ni**	**62**	**8.549**	ug/L	0.291	3	12	2621	3	KED
[	**Cu**	**63**	**5.297**	ug/L	0.055	1	76	28621	1	KED
[	**Cu**	**65**	**5.355**	ug/L	0.052	0	49	14224	1	KED
[	**Zn**	**66**	**15.741**	ug/L	0.284	1	83	12797	1	KED
[	**Zn**	**67**	**16.185**	ug/L	0.382	2	12	2160	2	KED
[	**As**	**75**	**5.393**	ug/L	0.016	0	3	2099	0	KED
[	**Se**	**78**	**16.890**	ug/L	0.183	1	12	752	1	KED
	Y	**89**		ug/L			769736	820847	2	Standard
	Kr	**83**		ug/L			333	332	9	Standard
[>	**In-1**	**115**		ug/L			28597	27980	1	KED
[	**Mo**	**98**	**5.428**	ug/L	0.011	0	7	10379	1	KED
[	**Cd**	**111**	**5.150**	ug/L	0.133	2	3	2241	1	KED
[	**Cd**	**114**	**5.113**	ug/L	0.102	2	4	5756	2	KED
[>	**In**	**115**		ug/L			1441543	1288962	3	Standard
[	**Ag**	**107**	**4.945**	ug/L	0.126	2	67	91395	3	Standard
[	**Sb**	**121**	**4.758**	ug/L	0.068	1	516	98104	1	Standard
[	**Sb**	**123**	**4.992**	ug/L	0.104	2	381	77108	3	Standard
[	**Ba**	**135**	**28.212**	ug/L	0.399	1	36	214493	2	Standard
[	**Ba**	**137**	**28.353**	ug/L	0.151	0	62	375599	3	Standard
[>	**Tb**	**159**		ug/L			2863138	3131240	1	Standard
[	**Tl**	**205**	**4.586**	ug/L	0.048	1	138	504905	2	Standard
[	**Pb**	**208**	**4.485**	ug/L	0.088	1	429	647229	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0279-MSD6
Sample Dil Factor: 5x DIL.
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:24:47

MB 6/25/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1369523	2	Standard
	Be	**9**	**5.148**	ug/L	0.081	1	10	45893	2	Standard
	C	**13**		ug/L			23506	44129	1	Standard
	Cl	**37**		ug/L			7416730	17502377	2	Standard
>	**Sc**	**45**		ug/L			1401241	1598960	0	Standard
	Al	**27**	**1045.965**	ug/L	15.872	1	3581	34114169	1	Standard
	V	**51**	**5.270**	ug/L	0.176	3	6210	211676	2	Standard
	V-1	**51**	**8.165**	ug/L	0.179	2	1196	319818	1	Standard
	Cr	**52**	**5.233**	ug/L	0.038	0	18685	197236	0	Standard
	Cr	**53**	**14.595**	ug/L	0.071	0	507	56871	0	Standard
	Mn	**55**	**175.575**	ug/L	2.748	1	746	9215266	2	Standard
>	**Ge**	**72**		ug/L			101529	103123	0	KED
	Ni	**60**	**8.832**	ug/L	0.058	0	17	16219	0	KED
	Ni	**62**	**8.823**	ug/L	0.403	4	12	2680	4	KED
	Cu	**63**	**5.570**	ug/L	0.059	1	76	29816	0	KED
	Cu	**65**	**5.592**	ug/L	0.045	0	49	14718	0	KED
	Zn	**66**	**16.659**	ug/L	0.189	1	83	13416	1	KED
	Zn	**67**	**16.870**	ug/L	0.104	0	12	2231	0	KED
	As	**75**	**5.569**	ug/L	0.069	1	3	2148	1	KED
	Se	**78**	**17.565**	ug/L	0.016	0	12	775	0	KED
	Y	**89**		ug/L			769736	826921	0	Standard
	Kr	**83**		ug/L			333	361	12	Standard
>	**In-1**	**115**		ug/L			28597	28333	0	KED
	Mo	**98**	**5.446**	ug/L	0.104	1	7	10545	2	KED
	Cd	**111**	**5.307**	ug/L	0.049	0	3	2339	1	KED
	Cd	**114**	**5.138**	ug/L	0.021	0	4	5858	0	KED
>	**In**	**115**		ug/L			1441543	1282302	0	Standard
	Ag	**107**	**5.178**	ug/L	0.090	1	67	95199	1	Standard
	Sb	**121**	**4.787**	ug/L	0.092	1	516	98228	2	Standard
	Sb	**123**	**4.939**	ug/L	0.073	1	381	75900	2	Standard
	Ba	**135**	**28.635**	ug/L	0.351	1	36	216639	1	Standard
	Ba	**137**	**28.949**	ug/L	0.559	1	62	381486	1	Standard
>	**Tb**	**159**		ug/L			2863138	3112011	1	Standard
	Tl	**205**	**4.728**	ug/L	0.103	2	138	517288	2	Standard
	Pb	**208**	**4.621**	ug/L	0.039	0	429	662579	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:33:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1262620	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	58	10	6	45	Standard
	C	**13**		ug/L			23506	29436	0	Standard
	Cl	**37**		ug/L			7416730	7842220	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1432249	1	Standard
⌈	**Al**	**27**	**0.065**	ug/L	0.005	8	3581	5556	1	Standard
⌈	**V**	**51**	**0.024**	ug/L	0.005	21	6210	7181	1	Standard
⌈	**V-1**	**51**	**0.171**	ug/L	0.005	2	1196	7198	2	Standard
⌈	**Cr**	**52**	**0.105**	ug/L	0.013	12	18685	22257	1	Standard
⌈	**Cr**	**53**	**0.579**	ug/L	0.016	2	507	2520	2	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	14	746	983	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	103624	1	KED
⌈	**Ni**	**60**	**-0.001**	ug/L	0.004	680	17	17	40	KED
⌈	**Ni**	**62**	**-0.003**	ug/L	0.031	940	12	11	83	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.004	171	76	89	23	KED
⌈	**Cu**	**65**	**-0.004**	ug/L	0.003	84	49	40	18	KED
⌈	**Zn**	**66**	**0.169**	ug/L	0.005	3	83	220	1	KED
⌈	**Zn**	**67**	**0.209**	ug/L	0.054	25	12	40	19	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	310	3	3	33	KED
⌊	**Se**	**78**	**0.011**	ug/L	0.020	181	12	13	6	KED
	Y	**89**		ug/L			769736	783856	0	Standard
	Kr	**83**		ug/L			333	321	2	Standard
⌈>	**In-1**	**115**		ug/L			28597	28834	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	142	7	4	112	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.003	431	3	3	45	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	51	4	2	34	KED
⌈>	**In**	**115**		ug/L			1441543	1383641	1	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	70	67	53	15	Standard
⌈	**Sb**	**121**	**-0.018**	ug/L	0.001	3	516	105	12	Standard
⌈	**Sb**	**123**	**-0.017**	ug/L	0.001	3	381	83	14	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	71	36	41	9	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.001	35	62	102	13	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2884175	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	30	138	231	12	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	25	429	638	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:39:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1202472	2	Standard
⌊	**Be**	**9**	**48.663**	ug/L	0.915	1	10	380770	0	Standard
	C	**13**		ug/L			23506	27717	0	Standard
	Cl	**37**		ug/L			7416730	7738409	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1440856	1	Standard
⌈	**Al**	**27**	**4964.371**	ug/L	113.173	2	3581	145913563	3	Standard
⌊	**V**	**51**	**47.255**	ug/L	0.398	0	6210	1659458	0	Standard
⌈	**V-1**	**51**	**47.742**	ug/L	0.475	0	1196	1679148	0	Standard
⌊	**Cr**	**52**	**48.207**	ug/L	0.805	1	18685	1479471	1	Standard
⌈	**Cr**	**53**	**49.769**	ug/L	0.794	1	507	173477	0	Standard
⌊	**Mn**	**55**	**49.329**	ug/L	0.958	1	746	2333180	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	103051	0	KED
⌈	**Ni**	**60**	**49.530**	ug/L	1.318	2	17	90805	2	KED
⌊	**Ni**	**62**	**49.654**	ug/L	0.157	0	12	15016	1	KED
⌈	**Cu**	**63**	**49.473**	ug/L	0.606	1	76	264039	0	KED
⌊	**Cu**	**65**	**49.650**	ug/L	0.493	0	49	130181	0	KED
⌈	**Zn**	**66**	**48.980**	ug/L	0.811	1	83	39255	1	KED
⌊	**Zn**	**67**	**50.307**	ug/L	0.528	1	12	6624	0	KED
⌈	**As**	**75**	**49.760**	ug/L	0.145	0	3	19155	0	KED
⌊	**Se**	**78**	**49.295**	ug/L	1.005	2	12	2150	2	KED
	Y	**89**		ug/L			769736	779355	0	Standard
	Kr	**83**		ug/L			333	316	6	Standard
⌈>	**In-1**	**115**		ug/L			28597	28471	0	KED
⌈	**Mo**	**98**	**49.359**	ug/L	0.848	1	7	95972	1	KED
⌊	**Cd**	**111**	**49.577**	ug/L	0.221	0	3	21935	0	KED
⌊	**Cd**	**114**	**49.755**	ug/L	0.478	0	4	56968	1	KED
⌈>	**In**	**115**		ug/L			1441543	1353507	0	Standard
⌈	**Ag**	**107**	**49.490**	ug/L	0.447	0	67	959939	1	Standard
⌈	**Sb**	**121**	**48.941**	ug/L	0.726	1	516	1055399	1	Standard
⌊	**Sb**	**123**	**50.782**	ug/L	0.816	1	381	820450	2	Standard
⌈	**Ba**	**135**	**51.204**	ug/L	0.798	1	36	408923	2	Standard
⌊	**Ba**	**137**	**51.019**	ug/L	0.102	0	62	709637	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2981477	1	Standard
⌈	**Tl**	**205**	**49.825**	ug/L	1.225	2	138	5220808	1	Standard
⌊	**Pb**	**208**	**48.274**	ug/L	0.798	1	429	6626896	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:46:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1232376	2	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	27	10	6	15	Standard
	C	**13**		ug/L			23506	24684	1	Standard
	Cl	**37**		ug/L			7416730	7420759	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1424119	0	Standard
⌈	**Al**	**27**	**0.013**	ug/L	0.001	6	3581	4030	1	Standard
⌈	**V**	**51**	**0.006**	ug/L	0.002	24	6210	6529	1	Standard
⌈	**V-1**	**51**	**0.060**	ug/L	0.002	3	1196	3306	1	Standard
⌈	**Cr**	**52**	**0.024**	ug/L	0.001	5	18685	19703	1	Standard
⌈	**Cr**	**53**	**0.198**	ug/L	0.010	5	507	1195	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	49	746	798	2	Standard
⌈>	**Ge**	**72**		ug/L			101529	101097	1	KED
⌈	**Ni**	**60**	**0.003**	ug/L	0.003	133	17	22	26	KED
⌈	**Ni**	**62**	**-0.023**	ug/L	0.016	68	12	5	94	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.002	63	76	89	9	KED
⌈	**Cu**	**65**	**-0.003**	ug/L	0.005	171	49	41	34	KED
⌈	**Zn**	**66**	**0.014**	ug/L	0.026	181	83	93	21	KED
⌈	**Zn**	**67**	**0.009**	ug/L	0.091	972	12	13	89	KED
⌈	**As**	**75**	**0.002**	ug/L	0.002	116	3	4	24	KED
⌊	**Se**	**78**	**0.069**	ug/L	0.074	106	12	15	20	KED
	Y	**89**		ug/L			769736	778181	1	Standard
	Kr	**83**		ug/L			333	322	5	Standard
⌈>	**In-1**	**115**		ug/L			28597	28372	1	KED
⌈	**Mo**	**98**	**0.003**	ug/L	0.003	98	7	13	45	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.006	4742	3	3	68	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.005	93694	4	4	118	KED
⌈>	**In**	**115**		ug/L			1441543	1381144	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	7	67	75	2	Standard
⌈	**Sb**	**121**	**0.035**	ug/L	0.001	3	516	1264	0	Standard
⌈	**Sb**	**123**	**0.039**	ug/L	0.006	16	381	1009	10	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	1100	36	34	29	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	168	62	64	13	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2853493	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	6	138	349	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	62	429	495	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0207-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 18:53:07

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1194726	905805	0	Standard
Be	9	0.001	ug/L	0.002	162	10	15	75	Standard
C	13		ug/L			23506	59493	0	Standard
Cl	37		ug/L			7416730	5445727	0	Standard
> Sc	45		ug/L			1401241	941142	0	Standard
Al	27	3131.688	ug/L	23.183	0	3581	60117448	0	Standard
V	51	9.713	ug/L	0.146	1	6210	226120	1	Standard
V-1	51	9.924	ug/L	0.124	1	1196	228645	1	Standard
Cr	52	0.106	ug/L	0.017	15	18685	14652	2	Standard
Cr	53	0.935	ug/L	0.057	6	507	2463	5	Standard
Mn	55	3.527	ug/L	0.101	2	746	109443	2	Standard
> Ge	72		ug/L			101529	60557	0	KED
Ni	60	20.365	ug/L	0.280	1	17	21948	1	KED
Ni	62	20.376	ug/L	0.472	2	12	3625	2	KED
Cu	63	0.220	ug/L	0.003	1	76	735	1	KED
Cu	65	0.234	ug/L	0.004	1	49	390	1	KED
Zn	66	2.356	ug/L	0.075	3	83	1156	3	KED
Zn	67	4.559	ug/L	0.271	5	12	359	5	KED
As	75	124.382	ug/L	0.331	0	3	28135	0	KED
Se	78	4.155	ug/L	0.279	6	12	113	6	KED
Y	89		ug/L			769736	490549	1	Standard
Kr	83		ug/L			333	466	7	Standard
> In-1	115		ug/L			28597	18703	0	KED
Mo	98	765.018	ug/L	4.968	0	7	977153	0	KED
Cd	111	0.249	ug/L	0.029	11	3	74	11	KED
Cd	114	0.174	ug/L	0.018	10	4	133	10	KED
> In	115		ug/L			1441543	697319	0	Standard
Ag	107	0.003	ug/L	0.002	59	67	59	27	Standard
Sb	121	61.375	ug/L	0.251	0	516	681827	0	Standard
Sb	123	62.985	ug/L	0.949	1	381	524192	1	Standard
Ba	135	50.168	ug/L	0.695	1	36	206386	1	Standard
Ba	137	51.308	ug/L	0.975	1	62	367651	1	Standard
> Tb	159		ug/L			2863138	1984655	0	Standard
Tl	205	0.005	ug/L	0.001	11	138	419	9	Standard
Pb	208	2.061	ug/L	0.017	0	429	188648	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:00:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1214225	2	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	2	10	5	0	Standard
	C	**13**		ug/L			23506	29411	0	Standard
	Cl	**37**		ug/L			7416730	7595920	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1405290	1	Standard
⌈	**Al**	**27**	**0.065**	ug/L	0.007	10	3581	5449	4	Standard
⌈	**V**	**51**	**0.016**	ug/L	0.004	24	6210	6782	2	Standard
⌈	**V-1**	**51**	**0.019**	ug/L	0.003	13	1196	1865	3	Standard
⌈	**Cr**	**52**	**0.043**	ug/L	0.009	21	18685	20021	0	Standard
⌈	**Cr**	**53**	**0.053**	ug/L	0.012	21	507	690	4	Standard
⌊	**Mn**	**55**	**0.030**	ug/L	0.002	5	746	2112	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	100968	3	KED
⌈	**Ni**	**60**	**0.007**	ug/L	0.003	37	17	30	18	KED
⌈	**Ni**	**62**	**-0.004**	ug/L	0.027	762	12	10	73	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.005	264	76	85	29	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.004	302	49	45	19	KED
⌈	**Zn**	**66**	**0.193**	ug/L	0.022	11	83	234	10	KED
⌈	**Zn**	**67**	**0.167**	ug/L	0.061	36	12	33	26	KED
⌈	**As**	**75**	**0.007**	ug/L	0.008	113	3	6	50	KED
⌊	**Se**	**78**	**0.112**	ug/L	0.044	39	12	17	10	KED
	Y	**89**		ug/L			769736	779964	2	Standard
	Kr	**83**		ug/L			333	368	4	Standard
⌈>	**In-1**	**115**		ug/L			28597	27583	2	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.002	95	7	10	32	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.003	100	3	2	49	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	65	4	2	35	KED
⌈>	**In**	**115**		ug/L			1441543	1273177	3	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	42	67	48	8	Standard
⌈	**Sb**	**121**	**-0.000**	ug/L	0.002	3161	516	455	13	Standard
⌈	**Sb**	**123**	**-0.002**	ug/L	0.003	111	381	302	13	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.001	37	36	53	12	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	31	62	83	10	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2827551	0	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	30	138	172	5	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	15	429	663	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:08:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1194726	1067496	0	Standard
	Be	9	0.003	ug/L	0.000	17	10	27	10	Standard
	C	13		ug/L			23506	48343	0	Standard
	Cl	37		ug/L			7416730	5788838	1	Standard
>	Sc	45		ug/L			1401241	965550	2	Standard
	Al	27	177.453	ug/L	1.595	0	3581	3496725	1	Standard
	V	51	1.654	ug/L	0.025	1	6210	43043	1	Standard
	V-1	51	1.793	ug/L	0.024	1	1196	43046	1	Standard
	Cr	52	0.702	ug/L	0.019	2	18685	27114	0	Standard
	Cr	53	1.166	ug/L	0.019	1	507	3064	0	Standard
	Mn	55	7.087	ug/L	0.087	1	746	225065	0	Standard
>	Ge	72		ug/L			101529	66467	1	KED
	Ni	60	4.624	ug/L	0.118	2	17	5479	2	KED
	Ni	62	4.853	ug/L	0.221	4	12	954	6	KED
	Cu	63	2.607	ug/L	0.037	1	76	9021	2	KED
	Cu	65	2.716	ug/L	0.064	2	49	4623	2	KED
	Zn	66	2.774	ug/L	0.061	2	83	1485	1	KED
	Zn	67	4.730	ug/L	0.040	0	12	408	2	KED
	As	75	22.675	ug/L	0.443	1	3	5631	2	KED
	Se	78	1.586	ug/L	0.203	12	12	52	8	KED
	Y	89		ug/L			769736	543251	1	Standard
	Kr	83		ug/L			333	372	10	Standard
>	In-1	115		ug/L			28597	20486	2	KED
	Mo	98	529.872	ug/L	11.044	2	7	741084	0	KED
	Cd	111	0.160	ug/L	0.004	2	3	53	3	KED
	Cd	114	0.123	ug/L	0.016	13	4	104	13	KED
>	In	115		ug/L			1441543	791127	0	Standard
	Ag	107	0.005	ug/L	0.001	16	67	93	10	Standard
	Sb	121	8.874	ug/L	0.046	0	516	112092	1	Standard
	Sb	123	9.147	ug/L	0.090	0	381	86539	0	Standard
	Ba	135	40.202	ug/L	0.328	0	36	187641	0	Standard
	Ba	137	40.636	ug/L	0.116	0	62	330374	0	Standard
>	Tb	159		ug/L			2863138	2244772	0	Standard
	Tl	205	0.156	ug/L	0.001	0	138	12435	1	Standard
	Pb	208	1.510	ug/L	0.013	0	429	156358	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:16:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1230878	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	140	10	8	48	Standard
	C	**13**		ug/L			23506	29420	2	Standard
	Cl	**37**		ug/L			7416730	7563380	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1405207	1	Standard
⌈	**Al**	**27**	**0.058**	ug/L	0.002	2	3581	5260	0	Standard
⌈	**V**	**51**	**0.018**	ug/L	0.006	32	6210	6833	2	Standard
⌈	**V-1**	**51**	**-0.002**	ug/L	0.000	16	1196	1145	0	Standard
⌈	**Cr**	**52**	**0.050**	ug/L	0.012	23	18685	20216	1	Standard
⌈	**Cr**	**53**	**-0.013**	ug/L	0.007	52	507	465	5	Standard
⌊	**Mn**	**55**	**0.044**	ug/L	0.001	1	746	2772	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	100317	1	KED
⌈	**Ni**	**60**	**0.009**	ug/L	0.003	38	17	33	18	KED
⌈	**Ni**	**62**	**-0.006**	ug/L	0.010	170	12	10	28	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.002	93	76	85	9	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.003	181	49	45	17	KED
⌈	**Zn**	**66**	**0.135**	ug/L	0.037	27	83	187	16	KED
⌈	**Zn**	**67**	**0.140**	ug/L	0.021	14	12	29	9	KED
⌈	**As**	**75**	**0.001**	ug/L	0.000	13	3	3	0	KED
⌊	**Se**	**78**	**0.087**	ug/L	0.126	145	12	16	34	KED
	Y	**89**		ug/L			769736	765145	0	Standard
	Kr	**83**		ug/L			333	331	6	Standard
⌈>	**In-1**	**115**		ug/L			28597	28737	1	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.005	249	7	11	87	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	357	3	2	88	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	41	4	2	48	KED
⌈>	**In**	**115**		ug/L			1441543	1293805	2	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	110	67	52	15	Standard
⌈	**Sb**	**121**	**-0.015**	ug/L	0.002	12	516	163	24	Standard
⌈	**Sb**	**123**	**-0.014**	ug/L	0.000	2	381	128	2	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.001	18	36	59	6	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	72	62	75	16	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2828331	2	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	146	138	127	11	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.001	32	429	702	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0229-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:24:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1194726	1298933	1	Standard
[	Be	9	0.010	ug/L	0.001	6	10	98	4	Standard
	C	13		ug/L			23506	74074	1	Standard
	Cl	37		ug/L			7416730	17552745	1	Standard
[>	Sc	45		ug/L			1401241	1569001	1	Standard
[	Al	27	218.376	ug/L	4.342	1	3581	6992867	2	Standard
[	V	51	0.066	ug/L	0.616	934	6210	9353	248	Standard
[	V-1	51	4.854	ug/L	0.069	1	1196	187139	2	Standard
[	Cr	52	149.286	ug/L	1.259	0	18685	4945414	0	Standard
[	Cr	53	162.525	ug/L	1.884	1	507	615686	1	Standard
[	Mn	55	5.981	ug/L	0.037	0	746	308844	1	Standard
[>	Ge	72		ug/L			101529	98546	1	KED
[	Ni	60	14.797	ug/L	0.143	0	17	25956	2	KED
[	Ni	62	15.004	ug/L	0.346	2	12	4346	1	KED
[	Cu	63	32.955	ug/L	0.212	0	76	168222	1	KED
[	Cu	65	32.775	ug/L	0.212	0	49	82198	1	KED
[	Zn	66	56.308	ug/L	0.182	0	83	43145	2	KED
[	Zn	67	52.097	ug/L	0.384	0	12	6560	1	KED
[	As	75	0.343	ug/L	0.034	9	3	129	11	KED
[	Se	78	0.181	ug/L	0.077	42	12	19	17	KED
	Y	89		ug/L			769736	812877	0	Standard
	Kr	83		ug/L			333	402	2	Standard
[>	In-1	115		ug/L			28597	27786	0	KED
[	Mo	98	0.586	ug/L	0.030	5	7	1119	4	KED
[	Cd	111	0.570	ug/L	0.024	4	3	249	4	KED
[	Cd	114	0.546	ug/L	0.030	5	4	615	5	KED
[>	In	115		ug/L			1441543	1249121	3	Standard
[	Ag	107	0.040	ug/L	0.002	4	67	765	2	Standard
[	Sb	121	1.489	ug/L	0.083	5	516	30032	2	Standard
[	Sb	123	1.525	ug/L	0.037	2	381	23048	1	Standard
[	Ba	135	6.604	ug/L	0.079	1	36	48682	2	Standard
[	Ba	137	6.747	ug/L	0.144	2	62	86616	2	Standard
[>	Tb	159		ug/L			2863138	3010914	0	Standard
[	Tl	205	0.002	ug/L	0.000	14	138	329	7	Standard
[	Pb	208	0.615	ug/L	0.006	0	429	85655	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0222-01
Sample Dil Factor: 50
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:30:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1234039	1	Standard
⌊	**Be**	**9**	**0.002**	ug/L	0.001	28	10	29	16	Standard
	C	**13**		ug/L			23506	41732	0	Standard
	Cl	**37**		ug/L			7416730	7552869	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1432046	1	Standard
⌈	**Al**	**27**	**122.662**	ug/L	1.114	0	3581	3586156	0	Standard
⌈	**V**	**51**	**-0.301**	ug/L	0.230	76	6210	-4069	195	Standard
⌈	**V-1**	**51**	**0.458**	ug/L	0.012	2	1196	17221	1	Standard
⌈	**Cr**	**52**	**47.046**	ug/L	0.395	0	18685	1435641	1	Standard
⌈	**Cr**	**53**	**48.790**	ug/L	0.776	1	507	169036	0	Standard
⌊	**Mn**	**55**	**18.183**	ug/L	0.105	0	746	855357	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	105003	1	KED
⌈	**Ni**	**60**	**0.514**	ug/L	0.019	3	17	978	3	KED
⌈	**Ni**	**62**	**0.554**	ug/L	0.055	9	12	182	8	KED
⌈	**Cu**	**63**	**2.617**	ug/L	0.031	1	76	14306	2	KED
⌈	**Cu**	**65**	**2.629**	ug/L	0.056	2	49	7070	1	KED
⌈	**Zn**	**66**	**48.240**	ug/L	0.691	1	83	39392	1	KED
⌈	**Zn**	**67**	**46.482**	ug/L	0.733	1	12	6237	1	KED
⌈	**As**	**75**	**0.275**	ug/L	0.009	3	3	111	1	KED
⌊	**Se**	**78**	**0.010**	ug/L	0.087	881	12	13	28	KED
	Y	**89**		ug/L			769736	803530	1	Standard
	Kr	**83**		ug/L			333	329	10	Standard
⌈>	**In-1**	**115**		ug/L			28597	28943	0	KED
⌈	**Mo**	**98**	**0.119**	ug/L	0.003	2	7	241	2	KED
⌈	**Cd**	**111**	**0.491**	ug/L	0.024	4	3	224	5	KED
⌊	**Cd**	**114**	**0.454**	ug/L	0.027	6	4	533	6	KED
⌈>	**In**	**115**		ug/L			1441543	1356390	0	Standard
⌈	**Ag**	**107**	**0.026**	ug/L	0.003	10	67	564	9	Standard
⌈	**Sb**	**121**	**0.200**	ug/L	0.007	3	516	4806	2	Standard
⌈	**Sb**	**123**	**0.204**	ug/L	0.006	3	381	3662	2	Standard
⌈	**Ba**	**135**	**2.959**	ug/L	0.025	0	36	23709	1	Standard
⌊	**Ba**	**137**	**2.940**	ug/L	0.009	0	62	41043	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2951958	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	12	138	208	4	Standard
⌊	**Pb**	**208**	**3.097**	ug/L	0.017	0	429	421384	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-07
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:39:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1162372	1	Standard
	Be	**9**	**0.007**	ug/L	0.000	5	10	65	6	Standard
	C	**13**		ug/L			23506	43337	0	Standard
	Cl	**37**		ug/L			7416730	6912945	0	Standard
>	**Sc**	**45**		ug/L			1401241	1281060	0	Standard
	Al	**27**	**126.695**	ug/L	0.622	0	3581	3313667	0	Standard
	V	**51**	**4.645**	ug/L	0.025	0	6210	150147	0	Standard
	V-1	**51**	**4.663**	ug/L	0.019	0	1196	146805	0	Standard
	Cr	**52**	**0.433**	ug/L	0.009	1	18685	28739	0	Standard
	Cr	**53**	**0.555**	ug/L	0.014	2	507	2178	2	Standard
	Mn	**55**	**2.153**	ug/L	0.009	0	746	91188	0	Standard
>	**Ge**	**72**		ug/L			101529	84586	1	KED
	Ni	**60**	**2.558**	ug/L	0.047	1	17	3863	0	KED
	Ni	**62**	**2.618**	ug/L	0.179	6	12	659	5	KED
	Cu	**63**	**4.647**	ug/L	0.064	1	76	20412	0	KED
	Cu	**65**	**4.769**	ug/L	0.076	1	49	10300	1	KED
	Zn	**66**	**2.305**	ug/L	0.016	0	83	1582	1	KED
	Zn	**67**	**8.927**	ug/L	0.205	2	12	973	3	KED
	As	**75**	**45.857**	ug/L	0.021	0	3	14490	1	KED
	Se	**78**	**0.462**	ug/L	0.040	8	12	26	3	KED
	Y	**89**		ug/L			769736	697124	1	Standard
	Kr	**83**		ug/L			333	314	4	Standard
>	**In-1**	**115**		ug/L			28597	24584	1	KED
	Mo	**98**	**124.170**	ug/L	2.616	2	7	208440	0	KED
	Cd	**111**	**0.049**	ug/L	0.014	29	3	21	24	KED
	Cd	**114**	**0.049**	ug/L	0.007	14	4	52	12	KED
>	**In**	**115**		ug/L			1441543	1122846	2	Standard
	Ag	**107**	**0.011**	ug/L	0.002	14	67	233	12	Standard
	Sb	**121**	**29.752**	ug/L	0.513	1	516	532310	0	Standard
	Sb	**123**	**30.369**	ug/L	0.175	0	381	407131	2	Standard
	Ba	**135**	**99.232**	ug/L	1.336	1	36	657273	1	Standard
	Ba	**137**	**101.832**	ug/L	2.688	2	62	1174567	0	Standard
>	**Tb**	**159**		ug/L			2863138	2738401	1	Standard
	Tl	**205**	**0.019**	ug/L	0.000	2	138	2003	0	Standard
	Pb	**208**	**2.862**	ug/L	0.021	0	429	361310	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-24
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:47:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	954506	1	Standard
	Be	**9**	**0.000**	ug/L	0.000	63	10	10	10	Standard
	C	**13**		ug/L			23506	59058	2	Standard
	Cl	**37**		ug/L			7416730	5531989	0	Standard
>	**Sc**	**45**		ug/L			1401241	1007597	1	Standard
	Al	**27**	**2678.000**	ug/L	43.924	1	3581	55033675	1	Standard
	V	**51**	**8.641**	ug/L	0.101	1	6210	215852	0	Standard
	V-1	**51**	**8.734**	ug/L	0.105	1	1196	215518	0	Standard
	Cr	**52**	**0.057**	ug/L	0.006	10	18685	14641	1	Standard
	Cr	**53**	**0.487**	ug/L	0.015	2	507	1547	1	Standard
	Mn	**55**	**3.089**	ug/L	0.038	1	746	102668	0	Standard
>	**Ge**	**72**		ug/L			101529	62452	0	KED
	Ni	**60**	**18.051**	ug/L	0.167	0	17	20064	1	KED
	Ni	**62**	**18.029**	ug/L	0.205	1	12	3308	0	KED
	Cu	**63**	**0.213**	ug/L	0.014	6	76	734	6	KED
	Cu	**65**	**0.211**	ug/L	0.009	4	49	365	4	KED
	Zn	**66**	**2.266**	ug/L	0.127	5	83	1149	6	KED
	Zn	**67**	**4.146**	ug/L	0.224	5	12	337	5	KED
	As	**75**	**111.004**	ug/L	0.784	0	3	25895	1	KED
	Se	**78**	**3.911**	ug/L	0.277	7	12	110	6	KED
	Y	**89**		ug/L			769736	522851	1	Standard
	Kr	**83**		ug/L			333	380	6	Standard
>	**In-1**	**115**		ug/L			28597	19721	1	KED
	Mo	**98**	**660.858**	ug/L	6.799	1	7	889957	0	KED
	Cd	**111**	**0.202**	ug/L	0.032	15	3	64	14	KED
	Cd	**114**	**0.173**	ug/L	0.018	10	4	140	8	KED
>	**In**	**115**		ug/L			1441543	734975	1	Standard
	Ag	**107**	**0.001**	ug/L	0.001	119	67	40	19	Standard
	Sb	**121**	**52.997**	ug/L	1.109	2	516	620466	0	Standard
	Sb	**123**	**55.244**	ug/L	2.111	3	381	484439	2	Standard
	Ba	**135**	**43.630**	ug/L	0.829	1	36	189163	1	Standard
	Ba	**137**	**44.466**	ug/L	0.361	0	62	335826	0	Standard
>	**Tb**	**159**		ug/L			2863138	2215080	0	Standard
	Tl	**205**	**0.004**	ug/L	0.000	6	138	385	4	Standard
	Pb	**208**	**1.721**	ug/L	0.016	0	429	175845	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 19:56:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1267215	0	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	33	10	5	33	Standard
	C	**13**		ug/L			23506	28906	1	Standard
	Cl	**37**		ug/L			7416730	7734684	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1433345	1	Standard
⌈	**Al**	**27**	**0.091**	ug/L	0.043	46	3581	6334	21	Standard
⌈	**V**	**51**	**0.016**	ug/L	0.003	19	6210	6922	2	Standard
⌈	**V-1**	**51**	**-0.009**	ug/L	0.001	5	1196	894	1	Standard
⌈	**Cr**	**52**	**0.034**	ug/L	0.002	5	18685	20152	1	Standard
⌈	**Cr**	**53**	**-0.049**	ug/L	0.008	16	507	349	7	Standard
⌊	**Mn**	**55**	**0.085**	ug/L	0.002	2	746	4740	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	101961	2	KED
⌈	**Ni**	**60**	**0.004**	ug/L	0.001	19	17	26	8	KED
⌈	**Ni**	**62**	**-0.009**	ug/L	0.007	82	12	9	20	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.002	426	76	79	14	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.002	65	49	43	11	KED
⌈	**Zn**	**66**	**0.146**	ug/L	0.037	25	83	198	12	KED
⌈	**Zn**	**67**	**0.161**	ug/L	0.034	20	12	33	13	KED
⌈	**As**	**75**	**0.002**	ug/L	0.005	238	3	4	43	KED
⌊	**Se**	**78**	**0.181**	ug/L	0.080	43	12	20	15	KED
	Y	**89**		ug/L			769736	784394	1	Standard
	Kr	**83**		ug/L			333	335	6	Standard
⌈>	**In-1**	**115**		ug/L			28597	29493	0	KED
⌈	**Mo**	**98**	**0.002**	ug/L	0.002	103	7	11	33	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.001	27	3	1	34	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.000	3	4	1	6	KED
⌈>	**In**	**115**		ug/L			1441543	1322547	2	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	102	67	52	18	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.001	10	516	193	16	Standard
⌈	**Sb**	**123**	**-0.013**	ug/L	0.002	15	381	148	18	Standard
⌈	**Ba**	**135**	**0.005**	ug/L	0.001	19	36	74	12	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.002	74	62	87	27	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2838636	1	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	18	138	95	9	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	6	429	662	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:01:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1220341	3	Standard
⌊	**Be**	**9**	**47.865**	ug/L	0.175	0	10	380174	3	Standard
	C	**13**		ug/L			23506	27418	0	Standard
	Cl	**37**		ug/L			7416730	7740622	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1437941	1	Standard
⌈	**Al**	**27**	**4975.072**	ug/L	122.499	2	3581	145883458	1	Standard
⌈	**V**	**51**	**47.828**	ug/L	0.974	2	6210	1676162	2	Standard
⌈	**V-1**	**51**	**48.080**	ug/L	0.775	1	1196	1687693	1	Standard
⌈	**Cr**	**52**	**47.868**	ug/L	0.768	1	18685	1466304	1	Standard
⌈	**Cr**	**53**	**48.681**	ug/L	0.166	0	507	169379	1	Standard
⌊	**Mn**	**55**	**49.691**	ug/L	0.181	0	746	2345832	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	103834	0	KED
⌈	**Ni**	**60**	**47.692**	ug/L	0.225	0	17	88109	1	KED
⌈	**Ni**	**62**	**47.355**	ug/L	1.295	2	12	14428	1	KED
⌈	**Cu**	**63**	**48.073**	ug/L	1.195	2	76	258511	2	KED
⌈	**Cu**	**65**	**48.178**	ug/L	0.958	1	49	127273	1	KED
⌈	**Zn**	**66**	**48.191**	ug/L	0.302	0	83	38918	1	KED
⌈	**Zn**	**67**	**49.586**	ug/L	0.321	0	12	6579	0	KED
⌈	**As**	**75**	**48.950**	ug/L	0.550	1	3	18986	0	KED
⌊	**Se**	**78**	**49.497**	ug/L	0.633	1	12	2176	2	KED
	Y	**89**		ug/L			769736	798108	0	Standard
	Kr	**83**		ug/L			333	347	9	Standard
⌈>	**In-1**	**115**		ug/L			28597	29545	0	KED
⌈	**Mo**	**98**	**47.281**	ug/L	0.376	0	7	95403	0	KED
⌈	**Cd**	**111**	**47.561**	ug/L	0.761	1	3	21836	0	KED
⌊	**Cd**	**114**	**47.759**	ug/L	0.494	1	4	56745	0	KED
⌈>	**In**	**115**		ug/L			1441543	1328763	2	Standard
⌈	**Ag**	**107**	**50.785**	ug/L	0.265	0	67	966971	2	Standard
⌈	**Sb**	**121**	**46.676**	ug/L	0.226	0	516	988274	2	Standard
⌈	**Sb**	**123**	**47.124**	ug/L	1.389	2	381	747265	2	Standard
⌈	**Ba**	**135**	**51.138**	ug/L	0.809	1	36	400803	1	Standard
⌊	**Ba**	**137**	**51.712**	ug/L	0.430	0	62	706112	2	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2950338	0	Standard
⌈	**Tl**	**205**	**49.576**	ug/L	0.312	0	138	5141305	0	Standard
⌊	**Pb**	**208**	**48.398**	ug/L	0.415	0	429	6575212	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:09:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1214845	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	16	10	4	24	Standard
	C	**13**		ug/L			23506	24595	1	Standard
	Cl	**37**		ug/L			7416730	7523086	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1432481	0	Standard
⌈	**Al**	**27**	**0.017**	ug/L	0.004	21	3581	4146	2	Standard
⌈	**V**	**51**	**0.003**	ug/L	0.004	119	6210	6458	1	Standard
⌈	**V-1**	**51**	**-0.014**	ug/L	0.001	5	1196	727	4	Standard
⌈	**Cr**	**52**	**-0.004**	ug/L	0.009	217	18685	18977	1	Standard
⌈	**Cr**	**53**	**-0.060**	ug/L	0.004	7	507	311	5	Standard
⌊	**Mn**	**55**	**0.065**	ug/L	0.000	0	746	3828	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	96823	9	KED
⌈	**Ni**	**60**	**0.010**	ug/L	0.007	69	17	33	24	KED
⌈	**Ni**	**62**	**-0.003**	ug/L	0.018	516	12	10	53	KED
⌈	**Cu**	**63**	**0.004**	ug/L	0.002	44	76	94	19	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.003	94	49	53	4	KED
⌈	**Zn**	**66**	**0.017**	ug/L	0.010	58	83	92	17	KED
⌈	**Zn**	**67**	**0.039**	ug/L	0.039	100	12	16	35	KED
⌈	**As**	**75**	**0.003**	ug/L	0.004	140	3	4	24	KED
⌊	**Se**	**78**	**0.082**	ug/L	0.019	22	12	15	11	KED
	Y	**89**		ug/L			769736	785293	1	Standard
	Kr	**83**		ug/L			333	354	3	Standard
⌈>	**In-1**	**115**		ug/L			28597	29396	0	KED
⌈	**Mo**	**98**	**0.006**	ug/L	0.001	19	7	18	10	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.002	84	3	4	20	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.004	327751	4	4	96	KED
⌈>	**In**	**115**		ug/L			1441543	1334522	2	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	65	67	71	6	Standard
⌈	**Sb**	**121**	**0.031**	ug/L	0.002	7	516	1146	4	Standard
⌈	**Sb**	**123**	**0.037**	ug/L	0.001	3	381	938	0	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	21	36	62	10	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	579	62	55	29	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2913154	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	24	138	307	12	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	1	429	484	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-01RE1
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:17:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1138797	1	Standard
	Be	**9**	**0.002**	ug/L	0.001	52	10	21	28	Standard
	C	**13**		ug/L			23506	36470	2	Standard
	Cl	**37**		ug/L			7416730	6487495	0	Standard
>	**Sc**	**45**		ug/L			1401241	1176358	1	Standard
	Al	**27**	**81.535**	ug/L	0.430	0	3581	1959189	1	Standard
	V	**51**	**0.815**	ug/L	0.019	2	6210	28500	0	Standard
	V-1	**51**	**0.886**	ug/L	0.017	1	1196	26425	0	Standard
	Cr	**52**	**0.319**	ug/L	0.012	3	18685	23576	0	Standard
	Cr	**53**	**0.555**	ug/L	0.009	1	507	2000	1	Standard
	Mn	**55**	**3.557**	ug/L	0.016	0	746	137963	1	Standard
>	**Ge**	**72**		ug/L			101529	78735	1	KED
	Ni	**60**	**2.268**	ug/L	0.074	3	17	3190	3	KED
	Ni	**62**	**2.488**	ug/L	0.137	5	12	583	3	KED
	Cu	**63**	**1.357**	ug/L	0.021	1	76	5590	2	KED
	Cu	**65**	**1.344**	ug/L	0.061	4	49	2728	2	KED
	Zn	**66**	**1.770**	ug/L	0.056	3	83	1145	1	KED
	Zn	**67**	**2.467**	ug/L	0.132	5	12	257	6	KED
	As	**75**	**11.853**	ug/L	0.116	0	3	3488	2	KED
	Se	**78**	**0.900**	ug/L	0.127	14	12	39	11	KED
	Y	**89**		ug/L			769736	647876	1	Standard
	Kr	**83**		ug/L			333	312	3	Standard
>	**In-1**	**115**		ug/L			28597	23395	1	KED
	Mo	**98**	**261.035**	ug/L	4.621	1	7	416995	0	KED
	Cd	**111**	**0.079**	ug/L	0.016	20	3	31	18	KED
	Cd	**114**	**0.070**	ug/L	0.010	14	4	69	14	KED
>	**In**	**115**		ug/L			1441543	1015747	0	Standard
	Ag	**107**	**0.002**	ug/L	0.000	16	67	78	6	Standard
	Sb	**121**	**4.560**	ug/L	0.069	1	516	74127	2	Standard
	Sb	**123**	**4.621**	ug/L	0.046	0	381	56274	1	Standard
	Ba	**135**	**18.671**	ug/L	0.072	0	36	111912	1	Standard
	Ba	**137**	**18.824**	ug/L	0.069	0	62	196515	0	Standard
>	**Tb**	**159**		ug/L			2863138	2588975	0	Standard
	Tl	**205**	**0.082**	ug/L	0.002	2	138	7569	2	Standard
	Pb	**208**	**0.809**	ug/L	0.009	1	429	96870	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-24RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:24:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1194726	1140973	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	50	10	15	18	Standard
	C	**13**		ug/L			23506	33429	2	Standard
	Cl	**37**		ug/L			7416730	6913210	0	Standard
[>	**Sc**	**45**		ug/L			1401241	1311909	1	Standard
[	**Al**	**27**	**551.348**	ug/L	9.428	1	3581	14753226	0	Standard
[	**V**	**51**	**1.908**	ug/L	0.042	2	6210	66587	1	Standard
[	**V-1**	**51**	**1.937**	ug/L	0.043	2	1196	63105	2	Standard
[	**Cr**	**52**	**0.005**	ug/L	0.011	208	18685	17638	0	Standard
[	**Cr**	**53**	**0.128**	ug/L	0.007	5	507	879	3	Standard
[	**Mn**	**55**	**0.625**	ug/L	0.003	0	746	27595	1	Standard
[>	**Ge**	**72**		ug/L			101529	88223	2	KED
[	**Ni**	**60**	**3.782**	ug/L	0.106	2	17	5950	3	KED
[	**Ni**	**62**	**3.803**	ug/L	0.151	3	12	993	1	KED
[	**Cu**	**63**	**0.058**	ug/L	0.006	11	76	329	11	KED
[	**Cu**	**65**	**0.044**	ug/L	0.007	15	49	142	10	KED
[	**Zn**	**66**	**0.627**	ug/L	0.053	8	83	501	7	KED
[	**Zn**	**67**	**1.144**	ug/L	0.075	6	12	139	4	KED
[	**As**	**75**	**24.225**	ug/L	0.324	1	3	7983	1	KED
[	**Se**	**78**	**1.010**	ug/L	0.197	19	12	48	12	KED
	Y	**89**		ug/L			769736	702892	2	Standard
	Kr	**83**		ug/L			333	319	1	Standard
[>	**In-1**	**115**		ug/L			28597	25521	1	KED
[	**Mo**	**98**	**135.317**	ug/L	3.255	2	7	235780	0	KED
[	**Cd**	**111**	**0.040**	ug/L	0.011	26	3	19	21	KED
[	**Cd**	**114**	**0.032**	ug/L	0.012	38	4	36	34	KED
[>	**In**	**115**		ug/L			1441543	1128427	0	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.000	63	67	43	14	Standard
[	**Sb**	**121**	**11.949**	ug/L	0.319	2	516	215145	2	Standard
[	**Sb**	**123**	**12.427**	ug/L	0.070	0	381	167602	0	Standard
[	**Ba**	**135**	**7.970**	ug/L	0.097	1	36	53082	1	Standard
[	**Ba**	**137**	**8.076**	ug/L	0.175	2	62	93694	2	Standard
[>	**Tb**	**159**		ug/L			2863138	2741453	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	19	138	233	8	Standard
[	**Pb**	**208**	**0.442**	ug/L	0.003	0	429	56164	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-03
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:32:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1198424	2	Standard
	Be	**9**	**-0.000**	ug/L	0.001	158	10	8	48	Standard
	C	**13**		ug/L			23506	31321	1	Standard
	Cl	**37**		ug/L			7416730	7166733	0	Standard
>	**Sc**	**45**		ug/L			1401241	1322815	1	Standard
	Al	**27**	**33.885**	ug/L	0.498	1	3581	917587	1	Standard
	V	**51**	**0.349**	ug/L	0.004	1	6210	17066	1	Standard
	V-1	**51**	**0.379**	ug/L	0.001	0	1196	13352	1	Standard
	Cr	**52**	**0.104**	ug/L	0.011	10	18685	20540	2	Standard
	Cr	**53**	**0.205**	ug/L	0.015	7	507	1133	5	Standard
	Mn	**55**	**1.523**	ug/L	0.005	0	746	66814	0	Standard
>	**Ge**	**72**		ug/L			101529	90745	2	KED
	Ni	**60**	**0.947**	ug/L	0.036	3	17	1546	5	KED
	Ni	**62**	**1.011**	ug/L	0.111	10	12	279	8	KED
	Cu	**63**	**0.556**	ug/L	0.008	1	76	2678	1	KED
	Cu	**65**	**0.555**	ug/L	0.010	1	49	1325	1	KED
	Zn	**66**	**0.460**	ug/L	0.045	9	83	398	9	KED
	Zn	**67**	**1.098**	ug/L	0.039	3	12	137	1	KED
	As	**75**	**5.020**	ug/L	0.049	0	3	1704	1	KED
	Se	**78**	**0.360**	ug/L	0.041	11	12	25	7	KED
	Y	**89**		ug/L			769736	716891	0	Standard
	Kr	**83**		ug/L			333	326	7	Standard
>	**In-1**	**115**		ug/L			28597	26552	0	KED
	Mo	**98**	**106.517**	ug/L	0.733	0	7	193145	0	KED
	Cd	**111**	**0.037**	ug/L	0.014	38	3	18	31	KED
	Cd	**114**	**0.025**	ug/L	0.009	36	4	31	31	KED
>	**In**	**115**		ug/L			1441543	1165908	0	Standard
	Ag	**107**	**0.001**	ug/L	0.000	68	67	64	10	Standard
	Sb	**121**	**1.934**	ug/L	0.028	1	516	36322	1	Standard
	Sb	**123**	**2.053**	ug/L	0.029	1	381	28865	1	Standard
	Ba	**135**	**7.614**	ug/L	0.029	0	36	52397	0	Standard
	Ba	**137**	**7.575**	ug/L	0.014	0	62	90807	0	Standard
>	**Tb**	**159**		ug/L			2863138	2797372	0	Standard
	Tl	**205**	**0.036**	ug/L	0.001	2	138	3666	2	Standard
	Pb	**208**	**0.361**	ug/L	0.005	1	429	46857	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:37:11

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1267324	0	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	34	10	5	43	Standard
	C	**13**		ug/L			23506	30391	0	Standard
	Cl	**37**		ug/L			7416730	7582798	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1443189	0	Standard
⌈	**Al**	**27**	**0.337**	ug/L	0.005	1	3581	13597	1	Standard
⌈	**V**	**51**	**0.010**	ug/L	0.004	35	6210	6742	2	Standard
⌈	**V-1**	**51**	**-0.017**	ug/L	0.001	7	1196	629	7	Standard
⌈	**Cr**	**52**	**0.045**	ug/L	0.005	10	18685	20624	1	Standard
⌈	**Cr**	**53**	**-0.042**	ug/L	0.008	18	507	375	6	Standard
⌊	**Mn**	**55**	**0.102**	ug/L	0.002	1	746	5587	2	Standard
⌈>	**Ge**	**72**		ug/L			101529	102971	1	KED
⌈	**Ni**	**60**	**0.012**	ug/L	0.006	48	17	40	25	KED
⌈	**Ni**	**62**	**0.017**	ug/L	0.030	180	12	17	50	KED
⌈	**Cu**	**63**	**0.013**	ug/L	0.003	20	76	146	10	KED
⌈	**Cu**	**65**	**0.011**	ug/L	0.011	102	49	78	38	KED
⌈	**Zn**	**66**	**0.126**	ug/L	0.027	21	83	185	13	KED
⌈	**Zn**	**67**	**0.135**	ug/L	0.071	52	12	29	29	KED
⌈	**As**	**75**	**0.002**	ug/L	0.009	492	3	4	86	KED
⌊	**Se**	**78**	**0.132**	ug/L	0.015	11	12	18	1	KED
	Y	**89**		ug/L			769736	792711	0	Standard
	Kr	**83**		ug/L			333	332	3	Standard
⌈>	**In-1**	**115**		ug/L			28597	29370	1	KED
⌈	**Mo**	**98**	**0.001**	ug/L	0.001	106	7	10	28	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.002	425	3	3	25	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	260	4	3	109	KED
⌈>	**In**	**115**		ug/L			1441543	1328559	1	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	36	67	38	20	Standard
⌈	**Sb**	**121**	**-0.008**	ug/L	0.001	16	516	306	9	Standard
⌈	**Sb**	**123**	**-0.005**	ug/L	0.001	26	381	276	8	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	32	36	68	15	Standard
⌊	**Ba**	**137**	**0.005**	ug/L	0.000	8	62	120	3	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2884872	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	8	138	67	9	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	13	429	574	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-10
Sample Dil Factor: 5
Comments: DEL
Sample Date/Time: Thursday, June 24, 2021 20:42:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1261614	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	307	10	12	31	Standard
	C	**13**		ug/L			23506	31722	1	Standard
	Cl	**37**		ug/L			7416730	7631655	0	Standard
>	**Sc**	**45**		ug/L			1401241	1483862	0	Standard
	Al	**27**	**4.919**	ug/L	0.165	3	3581	152684	3	Standard
	V	**51**	**0.230**	ug/L	0.003	1	6210	14867	1	Standard
	V-1	**51**	**0.210**	ug/L	0.001	0	1196	8852	1	Standard
	Cr	**52**	**0.115**	ug/L	0.007	5	18685	23373	1	Standard
	Cr	**53**	**0.050**	ug/L	0.005	10	507	717	1	Standard
	Mn	**55**	**0.983**	ug/L	0.015	1	746	48676	0	Standard
>	**Ge**	**72**		ug/L			101529	102852	2	KED
	Ni	**60**	**0.104**	ug/L	0.008	7	17	208	7	KED
	Ni	**62**	**0.084**	ug/L	0.040	48	12	37	32	KED
	Cu	**63**	**0.163**	ug/L	0.010	5	76	942	2	KED
	Cu	**65**	**0.168**	ug/L	0.014	8	49	490	5	KED
	Zn	**66**	**0.181**	ug/L	0.011	6	83	228	6	KED
	Zn	**67**	**0.889**	ug/L	0.067	7	12	128	8	KED
	As	**75**	**0.248**	ug/L	0.010	4	3	98	4	KED
	Se	**78**	**0.097**	ug/L	0.054	55	12	16	11	KED
	Y	**89**		ug/L			769736	790581	1	Standard
	Kr	**83**		ug/L			333	344	8	Standard
>	**In-1**	**115**		ug/L			28597	29149	0	KED
	Mo	**98**	**1.322**	ug/L	0.039	2	7	2639	2	KED
	Cd	**111**	**0.005**	ug/L	0.004	86	3	5	33	KED
	Cd	**114**	**0.001**	ug/L	0.001	73	4	6	17	KED
>	**In**	**115**		ug/L			1441543	1334143	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	69	67	50	17	Standard
	Sb	**121**	**0.186**	ug/L	0.007	3	516	4419	2	Standard
	Sb	**123**	**0.191**	ug/L	0.006	2	381	3393	3	Standard
	Ba	**135**	**9.192**	ug/L	0.040	0	36	72387	2	Standard
	Ba	**137**	**9.220**	ug/L	0.107	1	62	126456	2	Standard
>	**Tb**	**159**		ug/L			2863138	2936148	0	Standard
	Tl	**205**	**0.000**	ug/L	0.000	119	138	171	20	Standard
	Pb	**208**	**0.007**	ug/L	0.000	4	429	1325	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-12
Sample Dil Factor: 5
DEL
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:47:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1275114	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	657	10	13	89	Standard
	C	**13**		ug/L			23506	31800	0	Standard
	Cl	**37**		ug/L			7416730	7761631	1	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1473773	1	Standard
⌈	**Al**	**27**	**4.907**	ug/L	0.162	3	3581	151247	2	Standard
⌈	**V**	**51**	**0.251**	ug/L	0.009	3	6210	15525	3	Standard
⌈	**V-1**	**51**	**0.229**	ug/L	0.006	2	1196	9479	3	Standard
⌈	**Cr**	**52**	**0.191**	ug/L	0.007	3	18685	25576	1	Standard
⌈	**Cr**	**53**	**0.119**	ug/L	0.006	4	507	956	1	Standard
⌊	**Mn**	**55**	**0.433**	ug/L	0.005	1	746	21738	2	Standard
⌈>	**Ge**	**72**		ug/L			101529	101538	0	KED
⌈	**Ni**	**60**	**0.106**	ug/L	0.016	15	17	208	14	KED
⌈	**Ni**	**62**	**0.096**	ug/L	0.019	19	12	40	13	KED
⌈	**Cu**	**63**	**0.173**	ug/L	0.001	0	76	985	0	KED
⌈	**Cu**	**65**	**0.174**	ug/L	0.005	2	49	497	2	KED
⌈	**Zn**	**66**	**0.263**	ug/L	0.001	0	83	290	0	KED
⌈	**Zn**	**67**	**0.961**	ug/L	0.223	23	12	136	20	KED
⌈	**As**	**75**	**0.243**	ug/L	0.026	10	3	95	10	KED
⌊	**Se**	**78**	**0.042**	ug/L	0.039	92	12	14	11	KED
	Y	**89**		ug/L			769736	781263	0	Standard
	Kr	**83**		ug/L			333	329	6	Standard
⌈>	**In-1**	**115**		ug/L			28597	28418	1	KED
⌈	**Mo**	**98**	**1.382**	ug/L	0.031	2	7	2688	1	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	216	3	2	78	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	132	4	3	54	KED
⌈>	**In**	**115**		ug/L			1441543	1342801	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	50	67	45	19	Standard
⌈	**Sb**	**121**	**0.192**	ug/L	0.001	0	516	4581	0	Standard
⌈	**Sb**	**123**	**0.197**	ug/L	0.005	2	381	3506	2	Standard
⌈	**Ba**	**135**	**9.085**	ug/L	0.085	0	36	72004	1	Standard
⌊	**Ba**	**137**	**9.080**	ug/L	0.043	0	62	125339	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2905969	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	18	138	119	3	Standard
⌊	**Pb**	**208**	**0.012**	ug/L	0.001	4	429	2053	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-14
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:52:02

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1288202	2	Standard
	Be	**9**	**-0.000**	ug/L	0.000	98	10	9	20	Standard
	C	**13**		ug/L			23506	32035	0	Standard
	Cl	**37**		ug/L			7416730	7742915	0	Standard
>	**Sc**	**45**		ug/L			1401241	1474647	0	Standard
	Al	**27**	**4.270**	ug/L	0.031	0	3581	132182	0	Standard
	V	**51**	**0.246**	ug/L	0.005	2	6210	15351	1	Standard
	V-1	**51**	**0.228**	ug/L	0.006	2	1196	9466	2	Standard
	Cr	**52**	**0.158**	ug/L	0.016	10	18685	24566	1	Standard
	Cr	**53**	**0.101**	ug/L	0.017	17	507	893	6	Standard
	Mn	**55**	**0.383**	ug/L	0.009	2	746	19325	1	Standard
>	**Ge**	**72**		ug/L			101529	102368	1	KED
	Ni	**60**	**0.100**	ug/L	0.003	3	17	200	3	KED
	Ni	**62**	**0.086**	ug/L	0.024	27	12	38	20	KED
	Cu	**63**	**0.184**	ug/L	0.008	4	76	1054	2	KED
	Cu	**65**	**0.165**	ug/L	0.017	10	49	479	7	KED
	Zn	**66**	**0.384**	ug/L	0.044	11	83	388	7	KED
	Zn	**67**	**1.111**	ug/L	0.255	22	12	156	19	KED
	As	**75**	**0.247**	ug/L	0.023	9	3	97	6	KED
	Se	**78**	**0.085**	ug/L	0.126	146	12	16	31	KED
	Y	**89**		ug/L			769736	777188	0	Standard
	Kr	**83**		ug/L			333	345	11	Standard
>	**In-1**	**115**		ug/L			28597	28410	0	KED
	Mo	**98**	**1.378**	ug/L	0.033	2	7	2680	1	KED
	Cd	**111**	**0.000**	ug/L	0.003	4415	3	3	31	KED
	Cd	**114**	**0.000**	ug/L	0.002	375	4	5	37	KED
>	**In**	**115**		ug/L			1441543	1351828	2	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	154	67	52	32	Standard
	Sb	**121**	**0.200**	ug/L	0.012	5	516	4779	5	Standard
	Sb	**123**	**0.196**	ug/L	0.012	6	381	3510	3	Standard
	Ba	**135**	**9.152**	ug/L	0.241	2	36	72987	0	Standard
	Ba	**137**	**9.266**	ug/L	0.319	3	62	128684	0	Standard
>	**Tb**	**159**		ug/L			2863138	2934371	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	260	138	135	12	Standard
	Pb	**208**	**0.016**	ug/L	0.000	0	429	2547	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-16
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 20:56:59

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1230740	0	Standard
	Be	**9**	**0.001**	ug/L	0.000	93	10	15	25	Standard
	C	**13**		ug/L			23506	33289	1	Standard
	Cl	**37**		ug/L			7416730	7901057	0	Standard
>	**Sc**	**45**		ug/L			1401241	1448980	1	Standard
	Al	**27**	**2.207**	ug/L	0.093	4	3581	68942	4	Standard
	V	**51**	**0.131**	ug/L	0.003	2	6210	11022	1	Standard
	V-1	**51**	**0.129**	ug/L	0.003	2	1196	5811	1	Standard
	Cr	**52**	**0.017**	ug/L	0.004	22	18685	19832	1	Standard
	Cr	**53**	**0.014**	ug/L	0.004	27	507	574	2	Standard
	Mn	**55**	**206.442**	ug/L	2.755	1	746	9817258	0	Standard
>	**Ge**	**72**		ug/L			101529	100121	0	KED
	Ni	**60**	**0.355**	ug/L	0.025	6	17	648	6	KED
	Ni	**62**	**0.349**	ug/L	0.086	24	12	114	21	KED
	Cu	**63**	**0.334**	ug/L	0.018	5	76	1806	4	KED
	Cu	**65**	**0.344**	ug/L	0.005	1	49	924	0	KED
	Zn	**66**	**0.237**	ug/L	0.017	7	83	266	5	KED
	Zn	**67**	**1.454**	ug/L	0.129	8	12	197	7	KED
	As	**75**	**1.317**	ug/L	0.030	2	3	495	1	KED
	Se	**78**	**0.126**	ug/L	0.048	38	12	17	11	KED
	Y	**89**		ug/L			769736	770766	1	Standard
	Kr	**83**		ug/L			333	323	9	Standard
>	**In-1**	**115**		ug/L			28597	27882	1	KED
	Mo	**98**	**6.391**	ug/L	0.152	2	7	12172	0	KED
	Cd	**111**	**0.002**	ug/L	0.001	68	3	4	13	KED
	Cd	**114**	**0.002**	ug/L	0.005	195	4	7	69	KED
>	**In**	**115**		ug/L			1441543	1316137	0	Standard
	Ag	**107**	**0.000**	ug/L	0.000	147	67	62	3	Standard
	Sb	**121**	**0.304**	ug/L	0.016	5	516	6833	4	Standard
	Sb	**123**	**0.324**	ug/L	0.011	3	381	5441	2	Standard
	Ba	**135**	**17.604**	ug/L	0.182	1	36	136716	1	Standard
	Ba	**137**	**17.617**	ug/L	0.241	1	62	238302	0	Standard
>	**Tb**	**159**		ug/L			2863138	2969432	2	Standard
	Tl	**205**	**0.001**	ug/L	0.000	14	138	208	3	Standard
	Pb	**208**	**0.041**	ug/L	0.001	2	429	6030	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-20
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:02:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1269735	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	480	10	12	24	Standard
	C	**13**		ug/L			23506	32257	1	Standard
	Cl	**37**		ug/L			7416730	7804788	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1463660	2	Standard
⌈	**Al**	**27**	**4.392**	ug/L	0.139	3	3581	134774	0	Standard
⌊	**V**	**51**	**0.307**	ug/L	0.005	1	6210	17398	2	Standard
⌈	**V-1**	**51**	**0.297**	ug/L	0.006	2	1196	11838	2	Standard
⌊	**Cr**	**52**	**0.162**	ug/L	0.012	7	18685	24484	1	Standard
⌈	**Cr**	**53**	**0.130**	ug/L	0.016	12	507	988	2	Standard
⌊	**Mn**	**55**	**1.415**	ug/L	0.027	1	746	68738	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	99378	1	KED
⌈	**Ni**	**60**	**0.115**	ug/L	0.015	13	17	220	13	KED
⌊	**Ni**	**62**	**0.117**	ug/L	0.021	18	12	45	12	KED
⌈	**Cu**	**63**	**0.317**	ug/L	0.009	2	76	1706	3	KED
⌊	**Cu**	**65**	**0.326**	ug/L	0.017	5	49	873	6	KED
⌈	**Zn**	**66**	**0.214**	ug/L	0.021	9	83	246	6	KED
⌊	**Zn**	**67**	**2.081**	ug/L	0.175	8	12	275	8	KED
⌈	**As**	**75**	**0.531**	ug/L	0.035	6	3	200	7	KED
⌊	**Se**	**78**	**0.156**	ug/L	0.149	95	12	18	32	KED
	Y	**89**		ug/L			769736	776553	1	Standard
	Kr	**83**		ug/L			333	330	8	Standard
⌈>	**In-1**	**115**		ug/L			28597	27702	0	KED
⌈	**Mo**	**98**	**13.486**	ug/L	0.039	0	7	25518	0	KED
⌊	**Cd**	**111**	**0.002**	ug/L	0.005	186	3	4	44	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.002	43	4	9	21	KED
⌈>	**In**	**115**		ug/L			1441543	1326042	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	70	67	52	11	Standard
⌊	**Sb**	**121**	**0.667**	ug/L	0.025	3	516	14567	2	Standard
⌈	**Sb**	**123**	**0.677**	ug/L	0.022	3	381	11062	4	Standard
⌊	**Ba**	**135**	**25.553**	ug/L	0.608	2	36	199889	1	Standard
⌊	**Ba**	**137**	**25.540**	ug/L	0.554	2	62	347991	0	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2964190	0	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	1	138	504	1	Standard
⌊	**Pb**	**208**	**0.013**	ug/L	0.000	2	429	2201	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:10:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1313215	1	Standard
	Be	**9**	**-0.000**	ug/L	0.001	364	10	9	87	Standard
	C	**13**		ug/L			23506	28746	1	Standard
	Cl	**37**		ug/L			7416730	8109673	1	Standard
>	**Sc**	**45**		ug/L			1401241	1460062	0	Standard
	Al	**27**	**0.063**	ug/L	0.002	3	3581	5611	1	Standard
	V	**51**	**0.013**	ug/L	0.003	21	6210	6945	1	Standard
	V-1	**51**	**-0.023**	ug/L	0.000	0	1196	413	1	Standard
	Cr	**52**	**0.034**	ug/L	0.005	14	18685	20517	1	Standard
	Cr	**53**	**-0.085**	ug/L	0.004	4	507	229	5	Standard
	Mn	**55**	**0.032**	ug/L	0.001	2	746	2310	1	Standard
>	**Ge**	**72**		ug/L			101529	102312	1	KED
	Ni	**60**	**0.008**	ug/L	0.005	67	17	31	29	KED
	Ni	**62**	**-0.009**	ug/L	0.006	70	12	9	20	KED
	Cu	**63**	**-0.000**	ug/L	0.001	251	76	74	6	KED
	Cu	**65**	**-0.005**	ug/L	0.005	108	49	36	38	KED
	Zn	**66**	**0.182**	ug/L	0.035	19	83	228	12	KED
	Zn	**67**	**0.165**	ug/L	0.013	7	12	33	3	KED
	As	**75**	**-0.000**	ug/L	0.002	410	3	3	22	KED
	Se	**78**	**0.061**	ug/L	0.080	130	12	15	24	KED
	Y	**89**		ug/L			769736	788325	1	Standard
	Kr	**83**		ug/L			333	310	5	Standard
>	**In-1**	**115**		ug/L			28597	29250	1	KED
	Mo	**98**	**-0.002**	ug/L	0.001	26	7	2	46	KED
	Cd	**111**	**0.003**	ug/L	0.006	241	3	4	60	KED
	Cd	**114**	**-0.000**	ug/L	0.002	10548	4	4	44	KED
>	**In**	**115**		ug/L			1441543	1374139	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	57	67	45	23	Standard
	Sb	**121**	**-0.018**	ug/L	0.000	0	516	88	3	Standard
	Sb	**123**	**-0.018**	ug/L	0.001	3	381	62	17	Standard
	Ba	**135**	**0.004**	ug/L	0.002	62	36	64	29	Standard
	Ba	**137**	**0.002**	ug/L	0.001	41	62	88	14	Standard
>	**Tb**	**159**		ug/L			2863138	2927868	2	Standard
	Tl	**205**	**-0.001**	ug/L	0.000	8	138	67	8	Standard
	Pb	**208**	**0.002**	ug/L	0.000	8	429	707	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:15:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1279496	0	Standard
⌊	**Be**	**9**	**47.712**	ug/L	0.453	0	10	397324	0	Standard
	C	**13**		ug/L			23506	27707	0	Standard
	Cl	**37**		ug/L			7416730	7936129	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1469593	2	Standard
⌈	**Al**	**27**	**4944.500**	ug/L	100.806	2	3581	148159084	0	Standard
⌈	**V**	**51**	**47.273**	ug/L	0.733	1	6210	1692919	1	Standard
⌈	**V-1**	**51**	**47.577**	ug/L	0.686	1	1196	1706484	1	Standard
⌈	**Cr**	**52**	**47.166**	ug/L	1.067	2	18685	1476421	0	Standard
⌈	**Cr**	**53**	**48.150**	ug/L	0.770	1	507	171173	1	Standard
⌊	**Mn**	**55**	**49.323**	ug/L	0.956	1	746	2379018	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	102799	1	KED
⌈	**Ni**	**60**	**48.772**	ug/L	0.331	0	17	89205	1	KED
⌈	**Ni**	**62**	**49.132**	ug/L	0.337	0	12	14822	1	KED
⌈	**Cu**	**63**	**48.964**	ug/L	0.696	1	76	260685	0	KED
⌈	**Cu**	**65**	**48.676**	ug/L	0.546	1	49	127325	1	KED
⌈	**Zn**	**66**	**48.588**	ug/L	0.482	0	83	38845	0	KED
⌈	**Zn**	**67**	**49.490**	ug/L	0.924	1	12	6500	0	KED
⌈	**As**	**75**	**49.013**	ug/L	0.025	0	3	18822	1	KED
⌊	**Se**	**78**	**50.824**	ug/L	0.820	1	12	2211	0	KED
	Y	**89**		ug/L			769736	794597	0	Standard
	Kr	**83**		ug/L			333	325	7	Standard
⌈>	**In-1**	**115**		ug/L			28597	28793	1	KED
⌈	**Mo**	**98**	**48.817**	ug/L	0.733	1	7	95985	1	KED
⌈	**Cd**	**111**	**49.137**	ug/L	0.733	1	3	21984	1	KED
⌊	**Cd**	**114**	**49.105**	ug/L	0.463	0	4	56855	0	KED
⌈>	**In**	**115**		ug/L			1441543	1404337	3	Standard
⌈	**Ag**	**107**	**47.888**	ug/L	0.960	2	67	963253	1	Standard
⌈	**Sb**	**121**	**47.046**	ug/L	1.078	2	516	1052104	1	Standard
⌈	**Sb**	**123**	**48.419**	ug/L	1.191	2	381	811136	1	Standard
⌈	**Ba**	**135**	**48.778**	ug/L	0.776	1	36	403994	2	Standard
⌊	**Ba**	**137**	**49.353**	ug/L	0.552	1	62	712057	2	Standard
⌈>	**Tb**	**159**		ug/L			2863138	3018931	0	Standard
⌈	**Tl**	**205**	**49.704**	ug/L	0.373	0	138	5274195	0	Standard
⌊	**Pb**	**208**	**47.837**	ug/L	0.571	1	429	6650374	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:22:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1257350	2	Standard
	Be	**9**	**-0.000**	ug/L	0.000	125	10	8	32	Standard
	C	**13**		ug/L			23506	25249	1	Standard
	Cl	**37**		ug/L			7416730	7762042	0	Standard
>	**Sc**	**45**		ug/L			1401241	1448882	1	Standard
	Al	**27**	**0.028**	ug/L	0.006	21	3581	4516	2	Standard
	V	**51**	**0.001**	ug/L	0.003	267	6210	6465	3	Standard
	V-1	**51**	**-0.024**	ug/L	0.001	2	1196	387	6	Standard
	Cr	**52**	**-0.010**	ug/L	0.006	59	18685	19012	2	Standard
	Cr	**53**	**-0.092**	ug/L	0.006	6	507	204	10	Standard
	Mn	**55**	**0.028**	ug/L	0.001	2	746	2118	2	Standard
>	**Ge**	**72**		ug/L			101529	102305	1	KED
	Ni	**60**	**0.014**	ug/L	0.003	23	17	42	13	KED
	Ni	**62**	**0.004**	ug/L	0.029	752	12	13	65	KED
	Cu	**63**	**0.005**	ug/L	0.001	12	76	102	3	KED
	Cu	**65**	**-0.002**	ug/L	0.003	154	49	45	15	KED
	Zn	**66**	**0.077**	ug/L	0.007	8	83	144	3	KED
	Zn	**67**	**0.053**	ug/L	0.066	123	12	19	43	KED
	As	**75**	**0.002**	ug/L	0.003	140	3	4	29	KED
	Se	**78**	**-0.022**	ug/L	0.044	202	12	11	17	KED
	Y	**89**		ug/L			769736	790175	1	Standard
	Kr	**83**		ug/L			333	331	4	Standard
>	**In-1**	**115**		ug/L			28597	29031	1	KED
	Mo	**98**	**0.005**	ug/L	0.002	52	7	16	27	KED
	Cd	**111**	**0.002**	ug/L	0.005	263	3	4	53	KED
	Cd	**114**	**-0.001**	ug/L	0.002	362	4	4	52	KED
>	**In**	**115**		ug/L			1441543	1420378	1	Standard
	Ag	**107**	**0.000**	ug/L	0.000	271	67	67	5	Standard
	Sb	**121**	**0.037**	ug/L	0.002	6	516	1341	4	Standard
	Sb	**123**	**0.037**	ug/L	0.005	13	381	1002	8	Standard
	Ba	**135**	**0.002**	ug/L	0.000	25	36	50	5	Standard
	Ba	**137**	**0.001**	ug/L	0.001	78	62	80	17	Standard
>	**Tb**	**159**		ug/L			2863138	2941938	1	Standard
	Tl	**205**	**0.001**	ug/L	0.000	7	138	269	2	Standard
	Pb	**208**	**0.005**	ug/L	0.000	4	429	1061	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-22
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:28:28

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1183241	2	Standard
	Be	**9**	**0.000**	ug/L	0.001	16076	10	10	53	Standard
	C	**13**		ug/L			23506	32572	1	Standard
	Cl	**37**		ug/L			7416730	7593309	1	Standard
>	**Sc**	**45**		ug/L			1401241	1359473	1	Standard
	Al	**27**	**9.031**	ug/L	0.041	0	3581	253896	1	Standard
	V	**51**	**0.438**	ug/L	0.010	2	6210	20479	0	Standard
	V-1	**51**	**0.442**	ug/L	0.008	1	1196	15811	0	Standard
	Cr	**52**	**0.379**	ug/L	0.010	2	18685	28957	0	Standard
	Cr	**53**	**0.392**	ug/L	0.004	1	507	1779	1	Standard
	Mn	**55**	**0.947**	ug/L	0.016	1	746	42973	0	Standard
>	**Ge**	**72**		ug/L			101529	93308	1	KED
	Ni	**60**	**0.236**	ug/L	0.020	8	17	408	7	KED
	Ni	**62**	**0.257**	ug/L	0.028	11	12	81	8	KED
	Cu	**63**	**0.862**	ug/L	0.016	1	76	4236	1	KED
	Cu	**65**	**0.895**	ug/L	0.026	2	49	2168	1	KED
	Zn	**66**	**0.132**	ug/L	0.001	0	83	172	0	KED
	Zn	**67**	**3.436**	ug/L	0.392	11	12	420	11	KED
	As	**75**	**1.016**	ug/L	0.017	1	3	357	2	KED
	Se	**78**	**0.226**	ug/L	0.115	51	12	20	23	KED
	Y	**89**		ug/L			769736	730371	0	Standard
	Kr	**83**		ug/L			333	314	3	Standard
>	**In-1**	**115**		ug/L			28597	26108	1	KED
	Mo	**98**	**75.073**	ug/L	0.088	0	7	133859	1	KED
	Cd	**111**	**0.021**	ug/L	0.006	26	3	11	18	KED
	Cd	**114**	**0.018**	ug/L	0.001	5	4	22	6	KED
>	**In**	**115**		ug/L			1441543	1238651	0	Standard
	Ag	**107**	**0.002**	ug/L	0.001	33	67	91	12	Standard
	Sb	**121**	**1.931**	ug/L	0.054	2	516	38533	2	Standard
	Sb	**123**	**2.036**	ug/L	0.033	1	381	30421	1	Standard
	Ba	**135**	**44.842**	ug/L	0.486	1	36	327699	0	Standard
	Ba	**137**	**45.225**	ug/L	0.375	0	62	575651	0	Standard
>	**Tb**	**159**		ug/L			2863138	2859928	0	Standard
	Tl	**205**	**0.011**	ug/L	0.001	6	138	1285	6	Standard
	Pb	**208**	**0.020**	ug/L	0.001	2	429	3039	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-18
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:33:25

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1264585	1	Standard
	Be	**9**	**0.001**	ug/L	0.001	78	10	17	26	Standard
	C	**13**		ug/L			23506	33727	0	Standard
	Cl	**37**		ug/L			7416730	7572393	0	Standard
>	**Sc**	**45**		ug/L			1401241	1510632	0	Standard
	Al	**27**	**0.581**	ug/L	0.012	2	3581	21761	1	Standard
	V	**51**	**0.121**	ug/L	0.007	5	6210	11138	2	Standard
	V-1	**51**	**0.103**	ug/L	0.003	3	1196	5079	2	Standard
	Cr	**52**	**0.026**	ug/L	0.016	61	18685	20968	3	Standard
	Cr	**53**	**-0.032**	ug/L	0.004	14	507	431	4	Standard
	Mn	**55**	**10.561**	ug/L	0.072	0	746	524431	1	Standard
>	**Ge**	**72**		ug/L			101529	103129	0	KED
	Ni	**60**	**0.275**	ug/L	0.010	3	17	523	2	KED
	Ni	**62**	**0.243**	ug/L	0.069	28	12	85	23	KED
	Cu	**63**	**0.077**	ug/L	0.009	12	76	488	9	KED
	Cu	**65**	**0.071**	ug/L	0.014	20	49	236	15	KED
	Zn	**66**	**0.190**	ug/L	0.002	1	83	236	0	KED
	Zn	**67**	**0.283**	ug/L	0.071	25	12	49	19	KED
	As	**75**	**0.046**	ug/L	0.004	8	3	21	6	KED
	Se	**78**	**0.073**	ug/L	0.091	123	12	15	23	KED
	Y	**89**		ug/L			769736	804596	1	Standard
	Kr	**83**		ug/L			333	335	9	Standard
>	**In-1**	**115**		ug/L			28597	29043	0	KED
	Mo	**98**	**0.017**	ug/L	0.002	11	7	40	9	KED
	Cd	**111**	**0.006**	ug/L	0.006	111	3	6	45	KED
	Cd	**114**	**0.001**	ug/L	0.008	517	4	6	135	KED
>	**In**	**115**		ug/L			1441543	1445657	0	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	16	67	44	8	Standard
	Sb	**121**	**-0.002**	ug/L	0.000	26	516	480	2	Standard
	Sb	**123**	**-0.002**	ug/L	0.001	81	381	351	6	Standard
	Ba	**135**	**1.311**	ug/L	0.030	2	36	11217	1	Standard
	Ba	**137**	**1.313**	ug/L	0.018	1	62	19569	1	Standard
>	**Tb**	**159**		ug/L			2863138	3018683	1	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	1301	138	144	10	Standard
	Pb	**208**	**0.002**	ug/L	0.000	6	429	715	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-DUP1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:38:22

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1286795	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	63	10	6	41	Standard
	C	**13**		ug/L			23506	33690	1	Standard
	Cl	**37**		ug/L			7416730	7697332	1	Standard
>	**Sc**	**45**		ug/L			1401241	1520437	0	Standard
	Al	**27**	**0.636**	ug/L	0.008	1	3581	23617	1	Standard
	V	**51**	**0.120**	ug/L	0.001	0	6210	11161	0	Standard
	V-1	**51**	**0.102**	ug/L	0.001	0	1196	5063	1	Standard
	Cr	**52**	**0.036**	ug/L	0.007	18	18685	21414	1	Standard
	Cr	**53**	**-0.022**	ug/L	0.002	9	507	469	1	Standard
	Mn	**55**	**10.369**	ug/L	0.076	0	746	518219	0	Standard
>	**Ge**	**72**		ug/L			101529	103032	0	KED
	Ni	**60**	**0.261**	ug/L	0.009	3	17	495	3	KED
	Ni	**62**	**0.212**	ug/L	0.047	22	12	76	18	KED
	Cu	**63**	**0.077**	ug/L	0.004	5	76	489	4	KED
	Cu	**65**	**0.078**	ug/L	0.008	10	49	254	8	KED
	Zn	**66**	**0.165**	ug/L	0.031	19	83	216	10	KED
	Zn	**67**	**0.284**	ug/L	0.053	18	12	49	13	KED
	As	**75**	**0.040**	ug/L	0.008	18	3	18	15	KED
	Se	**78**	**-0.010**	ug/L	0.055	563	12	12	20	KED
	Y	**89**		ug/L			769736	817392	0	Standard
	Kr	**83**		ug/L			333	313	8	Standard
>	**In-1**	**115**		ug/L			28597	29293	0	KED
	Mo	**98**	**0.007**	ug/L	0.003	46	7	21	30	KED
	Cd	**111**	**-0.002**	ug/L	0.002	107	3	2	43	KED
	Cd	**114**	**0.001**	ug/L	0.002	139	4	6	34	KED
>	**In**	**115**		ug/L			1441543	1424747	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	52	67	40	33	Standard
	Sb	**121**	**-0.003**	ug/L	0.001	38	516	444	4	Standard
	Sb	**123**	**0.000**	ug/L	0.001	488	381	380	4	Standard
	Ba	**135**	**1.324**	ug/L	0.062	4	36	11159	3	Standard
	Ba	**137**	**1.318**	ug/L	0.028	2	62	19346	1	Standard
>	**Tb**	**159**		ug/L			2863138	3047903	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	21	138	112	6	Standard
	Pb	**208**	**0.002**	ug/L	0.000	5	429	721	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-MS1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:43:19

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1273913	3	Standard
	Be	**9**	**4.886**	ug/L	0.057	1	10	40510	2	Standard
	C	**13**		ug/L			23506	33989	1	Standard
	Cl	**37**		ug/L			7416730	7730098	1	Standard
>	**Sc**	**45**		ug/L			1401241	1503535	0	Standard
	Al	**27**	**0.549**	ug/L	0.009	1	3581	20672	2	Standard
	V	**51**	**4.792**	ug/L	0.097	2	6210	181587	1	Standard
	V-1	**51**	**4.830**	ug/L	0.072	1	1196	178430	0	Standard
	Cr	**52**	**4.736**	ug/L	0.061	1	18685	169763	0	Standard
	Cr	**53**	**4.861**	ug/L	0.059	1	507	18173	1	Standard
	Mn	**55**	**14.935**	ug/L	0.094	0	746	737826	1	Standard
>	**Ge**	**72**		ug/L			101529	101954	0	KED
	Ni	**60**	**5.307**	ug/L	0.134	2	17	9641	1	KED
	Ni	**62**	**5.257**	ug/L	0.058	1	12	1583	0	KED
	Cu	**63**	**5.095**	ug/L	0.047	0	76	26972	0	KED
	Cu	**65**	**5.128**	ug/L	0.020	0	49	13347	0	KED
	Zn	**66**	**16.360**	ug/L	0.269	1	83	13027	1	KED
	Zn	**67**	**15.719**	ug/L	0.616	3	12	2056	3	KED
	As	**75**	**5.093**	ug/L	0.082	1	3	1942	1	KED
	Se	**78**	**16.936**	ug/L	0.527	3	12	739	2	KED
	Y	**89**		ug/L			769736	804183	1	Standard
	Kr	**83**		ug/L			333	307	10	Standard
>	**In-1**	**115**		ug/L			28597	28802	0	KED
	Mo	**98**	**0.013**	ug/L	0.007	52	7	32	40	KED
	Cd	**111**	**5.069**	ug/L	0.149	2	3	2272	3	KED
	Cd	**114**	**4.987**	ug/L	0.054	1	4	5781	0	KED
>	**In**	**115**		ug/L			1441543	1423022	1	Standard
	Ag	**107**	**4.816**	ug/L	0.019	0	67	98274	1	Standard
	Sb	**121**	**-0.009**	ug/L	0.000	5	516	304	2	Standard
	Sb	**123**	**-0.007**	ug/L	0.001	13	381	251	5	Standard
	Ba	**135**	**6.204**	ug/L	0.171	2	36	52101	1	Standard
	Ba	**137**	**6.182**	ug/L	0.132	2	62	90433	0	Standard
>	**Tb**	**159**		ug/L			2863138	3003279	1	Standard
	Tl	**205**	**4.721**	ug/L	0.076	1	138	498503	2	Standard
	Pb	**208**	**4.693**	ug/L	0.045	0	429	649452	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-MSD1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:49:16

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1290000	0	Standard
	Be	**9**	**4.948**	ug/L	0.030	0	10	41551	0	Standard
	C	**13**		ug/L			23506	33994	0	Standard
	Cl	**37**		ug/L			7416730	7755202	0	Standard
>	**Sc**	**45**		ug/L			1401241	1511895	0	Standard
	Al	**27**	**0.669**	ug/L	0.020	3	3581	24484	2	Standard
	V	**51**	**4.910**	ug/L	0.085	1	6210	186939	1	Standard
	V-1	**51**	**4.917**	ug/L	0.051	1	1196	182615	0	Standard
	Cr	**52**	**4.896**	ug/L	0.097	1	18685	175786	1	Standard
	Cr	**53**	**4.917**	ug/L	0.102	2	507	18480	1	Standard
	Mn	**55**	**15.158**	ug/L	0.191	1	746	752933	1	Standard
>	**Ge**	**72**		ug/L			101529	103808	1	KED
	Ni	**60**	**5.327**	ug/L	0.112	2	17	9854	0	KED
	Ni	**62**	**5.440**	ug/L	0.116	2	12	1668	3	KED
	Cu	**63**	**5.161**	ug/L	0.069	1	76	27814	0	KED
	Cu	**65**	**5.194**	ug/L	0.093	1	49	13763	1	KED
	Zn	**66**	**16.388**	ug/L	0.334	2	83	13284	0	KED
	Zn	**67**	**15.630**	ug/L	0.188	1	12	2082	2	KED
	As	**75**	**5.134**	ug/L	0.092	1	3	1993	0	KED
	Se	**78**	**17.035**	ug/L	0.312	1	12	757	3	KED
	Y	**89**		ug/L			769736	810589	1	Standard
	Kr	**83**		ug/L			333	325	4	Standard
>	**In-1**	**115**		ug/L			28597	28832	2	KED
	Mo	**98**	**0.008**	ug/L	0.007	83	7	23	58	KED
	Cd	**111**	**5.203**	ug/L	0.056	1	3	2334	1	KED
	Cd	**114**	**5.184**	ug/L	0.120	2	4	6013	1	KED
>	**In**	**115**		ug/L			1441543	1446048	3	Standard
	Ag	**107**	**4.989**	ug/L	0.067	1	67	103420	2	Standard
	Sb	**121**	**-0.011**	ug/L	0.000	1	516	267	3	Standard
	Sb	**123**	**-0.010**	ug/L	0.001	14	381	212	13	Standard
	Ba	**135**	**6.346**	ug/L	0.169	2	36	54142	1	Standard
	Ba	**137**	**6.371**	ug/L	0.111	1	62	94695	1	Standard
>	**Tb**	**159**		ug/L			2863138	3045750	0	Standard
	Tl	**205**	**4.781**	ug/L	0.032	0	138	512043	1	Standard
	Pb	**208**	**4.800**	ug/L	0.040	0	429	673622	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0207-03
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, June 24, 2021 21:57:13

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1298625	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	86	10	6	56	Standard
	C	**13**		ug/L			23506	33392	1	Standard
	Cl	**37**		ug/L			7416730	7945474	0	Standard
>	**Sc**	**45**		ug/L			1401241	1448958	1	Standard
	Al	**27**	**3.154**	ug/L	0.048	1	3581	96937	2	Standard
	V	**51**	**0.013**	ug/L	0.003	24	6210	6869	0	Standard
	V-1	**51**	**-0.018**	ug/L	0.001	6	1196	597	5	Standard
	Cr	**52**	**0.045**	ug/L	0.004	9	18685	20694	0	Standard
	Cr	**53**	**-0.055**	ug/L	0.004	7	507	332	5	Standard
	Mn	**55**	**0.060**	ug/L	0.002	3	746	3622	1	Standard
>	**Ge**	**72**		ug/L			101529	100048	1	KED
	Ni	**60**	**0.006**	ug/L	0.004	58	17	28	23	KED
	Ni	**62**	**-0.010**	ug/L	0.004	35	12	8	12	KED
	Cu	**63**	**0.024**	ug/L	0.001	2	76	197	2	KED
	Cu	**65**	**0.023**	ug/L	0.010	42	49	106	21	KED
	Zn	**66**	**0.113**	ug/L	0.021	18	83	169	8	KED
	Zn	**67**	**0.117**	ug/L	0.068	58	12	26	31	KED
	As	**75**	**0.007**	ug/L	0.004	59	3	5	25	KED
	Se	**78**	**0.030**	ug/L	0.068	228	12	13	19	KED
	Y	**89**		ug/L			769736	790156	0	Standard
	Kr	**83**		ug/L			333	314	12	Standard
>	**In-1**	**115**		ug/L			28597	28153	2	KED
	Mo	**98**	**-0.000**	ug/L	0.001	215	7	6	20	KED
	Cd	**111**	**0.000**	ug/L	0.004	7751	3	3	56	KED
	Cd	**114**	**-0.003**	ug/L	0.004	120	4	1	296	KED
>	**In**	**115**		ug/L			1441543	1424478	2	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	66	67	52	17	Standard
	Sb	**121**	**-0.006**	ug/L	0.001	20	516	364	9	Standard
	Sb	**123**	**-0.004**	ug/L	0.002	55	381	309	10	Standard
	Ba	**135**	**0.093**	ug/L	0.007	7	36	817	8	Standard
	Ba	**137**	**0.091**	ug/L	0.008	8	62	1386	6	Standard
>	**Tb**	**159**		ug/L			2863138	2942155	1	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	30	138	94	15	Standard
	Pb	**208**	**0.015**	ug/L	0.000	2	429	2422	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0207-01
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:06:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1194726	1166343	1	Standard
	Be	9	-0.000	ug/L	0.000	28	10	6	15	Standard
	C	13		ug/L			23506	37429	2	Standard
	Cl	37		ug/L			7416730	7205940	1	Standard
>	Sc	45		ug/L			1401241	1326926	1	Standard
	Al	27	620.426	ug/L	8.394	1	3581	16792575	0	Standard
	V	51	2.164	ug/L	0.006	0	6210	75607	1	Standard
	V-1	51	2.193	ug/L	0.007	0	1196	72121	1	Standard
	Cr	52	-0.008	ug/L	0.013	166	18685	17475	2	Standard
	Cr	53	0.118	ug/L	0.008	6	507	860	2	Standard
	Mn	55	0.649	ug/L	0.006	0	746	28980	2	Standard
>	Ge	72		ug/L			101529	86209	0	KED
	Ni	60	4.311	ug/L	0.050	1	17	6626	0	KED
	Ni	62	4.561	ug/L	0.084	1	12	1163	1	KED
	Cu	63	0.062	ug/L	0.007	11	76	342	8	KED
	Cu	65	0.052	ug/L	0.004	8	49	156	6	KED
	Zn	66	2.035	ug/L	0.132	6	83	1432	7	KED
	Zn	67	2.615	ug/L	0.062	2	12	297	2	KED
	As	75	27.680	ug/L	0.385	1	3	8916	2	KED
	Se	78	0.949	ug/L	0.169	17	12	45	13	KED
	Y	89		ug/L			769736	710348	1	Standard
	Kr	83		ug/L			333	306	5	Standard
>	In-1	115		ug/L			28597	25054	0	KED
	Mo	98	156.678	ug/L	1.810	1	7	268064	0	KED
	Cd	111	0.044	ug/L	0.003	5	3	20	5	KED
	Cd	114	0.030	ug/L	0.009	30	4	34	26	KED
>	In	115		ug/L			1441543	1162472	1	Standard
	Ag	107	-0.001	ug/L	0.000	28	67	38	13	Standard
	Sb	121	13.798	ug/L	0.422	3	516	255782	1	Standard
	Sb	123	14.286	ug/L	0.430	3	381	198379	1	Standard
	Ba	135	9.065	ug/L	0.049	0	36	62192	1	Standard
	Ba	137	9.135	ug/L	0.192	2	62	109148	1	Standard
>	Tb	159		ug/L			2863138	2851745	0	Standard
	Tl	205	0.000	ug/L	0.000	124	138	147	8	Standard
	Pb	208	0.464	ug/L	0.006	1	429	61353	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0207-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:15:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1194726	1337476	1	Standard
[	Be	9	-0.001	ug/L	0.000	40	10	5	57	Standard
	C	13		ug/L			23506	44450	0	Standard
	Cl	37		ug/L			7416730	7706345	0	Standard
[>	Sc	45		ug/L			1401241	1520285	1	Standard
[	Al	27	14.585	ug/L	0.145	0	3581	456110	0	Standard
[	V	51	0.022	ug/L	0.001	5	6210	7541	1	Standard
[	V-1	51	0.003	ug/L	0.001	39	1196	1425	2	Standard
[	Cr	52	0.143	ug/L	0.010	6	18685	24834	1	Standard
[	Cr	53	0.082	ug/L	0.006	7	507	850	1	Standard
[	Mn	55	0.253	ug/L	0.004	1	746	13455	1	Standard
[>	Ge	72		ug/L			101529	104566	2	KED
[	Ni	60	0.019	ug/L	0.002	10	17	53	8	KED
[	Ni	62	0.009	ug/L	0.034	373	12	15	69	KED
[	Cu	63	0.105	ug/L	0.003	3	76	645	4	KED
[	Cu	65	0.111	ug/L	0.007	5	49	347	3	KED
[	Zn	66	0.237	ug/L	0.092	38	83	278	28	KED
[	Zn	67	0.220	ug/L	0.081	36	12	41	27	KED
[	As	75	0.018	ug/L	0.007	38	3	10	26	KED
[	Se	78	0.004	ug/L	0.065	1586	12	13	19	KED
	Y	89		ug/L			769736	832745	0	Standard
	Kr	83		ug/L			333	353	6	Standard
[>	In-1	115		ug/L			28597	29973	1	KED
[	Mo	98	0.008	ug/L	0.004	47	7	24	34	KED
[	Cd	111	0.000	ug/L	0.004	1275	3	3	50	KED
[	Cd	114	-0.007	ug/L	0.003	46	4	-3	121	KED
[>	In	115		ug/L			1441543	1466990	1	Standard
[	Ag	107	0.000	ug/L	0.001	961	67	70	28	Standard
[	Sb	121	0.040	ug/L	0.003	8	516	1451	3	Standard
[	Sb	123	0.044	ug/L	0.004	9	381	1158	5	Standard
[	Ba	135	0.424	ug/L	0.001	0	36	3705	1	Standard
[	Ba	137	0.418	ug/L	0.018	4	62	6359	2	Standard
[>	Tb	159		ug/L			2863138	3105554	1	Standard
[	Tl	205	-0.000	ug/L	0.000	37	138	95	20	Standard
[	Pb	208	0.002	ug/L	0.001	28	429	810	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:22:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1277262	2	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	67	10	6	41	Standard
	C	**13**		ug/L			23506	27947	0	Standard
	Cl	**37**		ug/L			7416730	7844619	0	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1460941	1	Standard
⌈	**Al**	**27**	**0.063**	ug/L	0.003	5	3581	5595	0	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.004	304	6210	6520	1	Standard
⌈	**V-1**	**51**	**-0.026**	ug/L	0.000	1	1196	320	5	Standard
⌈	**Cr**	**52**	**-0.010**	ug/L	0.014	145	18685	19178	1	Standard
⌈	**Cr**	**53**	**-0.098**	ug/L	0.000	0	507	184	1	Standard
⌊	**Mn**	**55**	**0.027**	ug/L	0.001	1	746	2080	1	Standard
⌈>	**Ge**	**72**		ug/L			101529	102082	0	KED
⌈	**Ni**	**60**	**0.003**	ug/L	0.004	134	17	22	28	KED
⌈	**Ni**	**62**	**-0.002**	ug/L	0.007	282	12	11	16	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.003	101	76	90	15	KED
⌈	**Cu**	**65**	**-0.003**	ug/L	0.001	38	49	43	5	KED
⌈	**Zn**	**66**	**0.172**	ug/L	0.024	13	83	219	9	KED
⌈	**Zn**	**67**	**0.190**	ug/L	0.065	34	12	36	23	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.003	6547	3	3	28	KED
⌊	**Se**	**78**	**0.049**	ug/L	0.043	87	12	14	12	KED
	Y	**89**		ug/L			769736	798730	1	Standard
	Kr	**83**		ug/L			333	337	0	Standard
⌈>	**In-1**	**115**		ug/L			28597	28660	0	KED
⌈	**Mo**	**98**	**-0.001**	ug/L	0.001	95	7	4	63	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.002	59	3	1	50	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	47	4	2	54	KED
⌈>	**In**	**115**		ug/L			1441543	1408238	1	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	87	67	45	39	Standard
⌈	**Sb**	**121**	**-0.019**	ug/L	0.000	0	516	77	3	Standard
⌈	**Sb**	**123**	**-0.018**	ug/L	0.000	2	381	66	9	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.001	40	36	60	16	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.000	6	62	88	3	Standard
⌈>	**Tb**	**159**		ug/L			2863138	2969177	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	12	138	57	20	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	9	429	705	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:26:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1194726	1256690	1	Standard
⌊	**Be**	**9**	**48.085**	ug/L	0.460	0	10	393332	1	Standard
	C	**13**		ug/L			23506	27416	2	Standard
	Cl	**37**		ug/L			7416730	7985795	1	Standard
⌈>	**Sc**	**45**		ug/L			1401241	1473109	1	Standard
⌈	**Al**	**27**	**4989.363**	ug/L	112.675	2	3581	149898467	1	Standard
⌊	**V**	**51**	**47.238**	ug/L	0.684	1	6210	1695962	0	Standard
⌈	**V-1**	**51**	**47.496**	ug/L	0.812	1	1196	1707782	0	Standard
⌊	**Cr**	**52**	**47.686**	ug/L	0.133	0	18685	1496625	1	Standard
⌈	**Cr**	**53**	**48.511**	ug/L	0.541	1	507	172898	0	Standard
⌊	**Mn**	**55**	**50.890**	ug/L	0.270	0	746	2461132	0	Standard
⌈>	**Ge**	**72**		ug/L			101529	103834	0	KED
⌈	**Ni**	**60**	**48.061**	ug/L	0.027	0	17	88790	0	KED
⌊	**Ni**	**62**	**48.307**	ug/L	0.535	1	12	14720	1	KED
⌈	**Cu**	**63**	**48.229**	ug/L	0.486	1	76	259393	1	KED
⌊	**Cu**	**65**	**48.648**	ug/L	0.307	0	49	128527	0	KED
⌈	**Zn**	**66**	**48.302**	ug/L	0.529	1	83	39006	0	KED
⌊	**Zn**	**67**	**50.468**	ug/L	0.411	0	12	6696	0	KED
⌈	**As**	**75**	**49.054**	ug/L	0.212	0	3	19028	1	KED
⌊	**Se**	**78**	**49.790**	ug/L	0.734	1	12	2188	1	KED
	Y	**89**		ug/L			769736	809237	0	Standard
	Kr	**83**		ug/L			333	339	3	Standard
⌈>	**In-1**	**115**		ug/L			28597	28774	0	KED
⌈	**Mo**	**98**	**49.008**	ug/L	0.159	0	7	96308	0	KED
⌊	**Cd**	**111**	**49.626**	ug/L	0.599	1	3	22190	1	KED
⌊	**Cd**	**114**	**49.153**	ug/L	0.955	1	4	56879	2	KED
⌈>	**In**	**115**		ug/L			1441543	1451050	2	Standard
⌈	**Ag**	**107**	**47.764**	ug/L	0.883	1	67	992855	1	Standard
⌈	**Sb**	**121**	**47.091**	ug/L	1.324	2	516	1088210	1	Standard
⌊	**Sb**	**123**	**48.266**	ug/L	0.754	1	381	835758	1	Standard
⌈	**Ba**	**135**	**48.555**	ug/L	1.371	2	36	415499	1	Standard
⌊	**Ba**	**137**	**48.466**	ug/L	0.748	1	62	722497	1	Standard
⌈>	**Tb**	**159**		ug/L			2863138	3122053	1	Standard
⌈	**Tl**	**205**	**49.602**	ug/L	0.074	0	138	5443302	1	Standard
⌊	**Pb**	**208**	**47.672**	ug/L	0.482	1	429	6853080	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:35:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1194726	1243230	1	Standard
	Be	**9**	**0.003**	ug/L	0.006	172	10	38	122	Standard
	C	**13**		ug/L			23506	24896	0	Standard
	Cl	**37**		ug/L			7416730	7717970	0	Standard
>	**Sc**	**45**		ug/L			1401241	1460097	0	Standard
	Al	**27**	**0.346**	ug/L	0.544	157	3581	14096	115	Standard
	V	**51**	**0.000**	ug/L	0.002	492	6210	6487	1	Standard
	V-1	**51**	**-0.025**	ug/L	0.004	16	1196	360	42	Standard
	Cr	**52**	**-0.017**	ug/L	0.007	42	18685	18961	0	Standard
	Cr	**53**	**-0.098**	ug/L	0.003	3	507	183	6	Standard
	Mn	**55**	**0.023**	ug/L	0.005	20	746	1902	12	Standard
>	**Ge**	**72**		ug/L			101529	101096	1	KED
	Ni	**60**	**0.008**	ug/L	0.004	46	17	31	21	KED
	Ni	**62**	**-0.008**	ug/L	0.013	159	12	9	40	KED
	Cu	**63**	**0.005**	ug/L	0.001	20	76	103	6	KED
	Cu	**65**	**0.000**	ug/L	0.003	939	49	50	15	KED
	Zn	**66**	**0.111**	ug/L	0.017	15	83	170	6	KED
	Zn	**67**	**0.158**	ug/L	0.049	30	12	32	20	KED
	As	**75**	**-0.005**	ug/L	0.004	76	3	1	100	KED
	Se	**78**	**0.021**	ug/L	0.068	320	12	13	21	KED
	Y	**89**		ug/L			769736	787421	1	Standard
	Kr	**83**		ug/L			333	310	8	Standard
>	**In-1**	**115**		ug/L			28597	29348	2	KED
	Mo	**98**	**0.007**	ug/L	0.003	38	7	21	25	KED
	Cd	**111**	**-0.002**	ug/L	0.003	214	3	2	57	KED
	Cd	**114**	**0.001**	ug/L	0.003	613	4	5	69	KED
>	**In**	**115**		ug/L			1441543	1412677	2	Standard
	Ag	**107**	**0.002**	ug/L	0.005	218	67	107	84	Standard
	Sb	**121**	**0.037**	ug/L	0.006	15	516	1332	8	Standard
	Sb	**123**	**0.040**	ug/L	0.007	18	381	1040	10	Standard
	Ba	**135**	**0.007**	ug/L	0.006	91	36	90	54	Standard
	Ba	**137**	**0.006**	ug/L	0.008	134	62	147	78	Standard
>	**Tb**	**159**		ug/L			2863138	2993799	1	Standard
	Tl	**205**	**0.004**	ug/L	0.007	156	138	594	117	Standard
	Pb	**208**	**0.010**	ug/L	0.006	63	429	1787	46	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:44:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L				1274673	0	Standard
	Be	**9**		ug/L				10	26	Standard
	C	**13**		ug/L				23319	1	Standard
	Cl	**37**		ug/L				7703668	0	Standard
>	**Sc**	**45**		ug/L				1469921	1	Standard
	Al	**27**		ug/L				3506	5	Standard
	V	**51**		ug/L				6451	1	Standard
	V-1	**51**		ug/L				292	2	Standard
	Cr	**52**		ug/L				18849	1	Standard
	Cr	**53**		ug/L				160	2	Standard
	Mn	**55**		ug/L				1532	3	Standard
>	**Ge**	**72**		ug/L				100573	2	KED
	Ni	**60**		ug/L				23	41	KED
	Ni	**62**		ug/L				6	86	KED
	Cu	**63**		ug/L				98	8	KED
	Cu	**65**		ug/L				45	44	KED
	Zn	**66**		ug/L				73	5	KED
	Zn	**67**		ug/L				12	39	KED
	As	**75**		ug/L				4	11	KED
	Se	**78**		ug/L				13	14	KED
	Y	**89**		ug/L				804838	0	Standard
	Kr	**83**		ug/L				330	6	Standard
>	**In-1**	**115**		ug/L				28284	2	KED
	Mo	**98**		ug/L				7	37	KED
	Cd	**111**		ug/L				3	43	KED
	Cd	**114**		ug/L				3	32	KED
>	**In**	**115**		ug/L				1438888	2	Standard
	Ag	**107**		ug/L				55	5	Standard
	Sb	**121**		ug/L				380	10	Standard
	Sb	**123**		ug/L				357	3	Standard
	Ba	**135**		ug/L				38	32	Standard
	Ba	**137**		ug/L				69	5	Standard
>	**Tb**	**159**		ug/L				3033563	0	Standard
	Tl	**205**		ug/L				71	12	Standard
	Pb	**208**		ug/L				536	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:49:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1276130	3	Standard
⌊	**Be**	**9**	**46.687**	ug/L	1.191	2	10	387565	2	Standard
	C	**13**		ug/L			23319	25171	0	Standard
	Cl	**37**		ug/L			7703668	7976132	1	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1467715	2	Standard
⌈	**Al**	**27**	**4966.001**	ug/L	84.898	1	3506	148655211	2	Standard
⌈	**V**	**51**	**47.613**	ug/L	0.806	1	6451	1702856	0	Standard
⌈	**V-1**	**51**	**47.944**	ug/L	0.849	1	292	1716503	1	Standard
⌈	**Cr**	**52**	**47.461**	ug/L	1.104	2	18849	1483000	0	Standard
⌈	**Cr**	**53**	**48.532**	ug/L	0.990	2	160	171943	1	Standard
⌊	**Mn**	**55**	**50.046**	ug/L	0.854	1	1532	2411767	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	102511	0	KED
⌈	**Ni**	**60**	**48.235**	ug/L	0.689	1	23	87978	0	KED
⌈	**Ni**	**62**	**47.832**	ug/L	0.736	1	6	14385	1	KED
⌈	**Cu**	**63**	**49.348**	ug/L	0.230	0	98	262037	0	KED
⌈	**Cu**	**65**	**49.343**	ug/L	0.449	0	45	128700	0	KED
⌈	**Zn**	**66**	**49.323**	ug/L	0.229	0	73	39313	0	KED
⌈	**Zn**	**67**	**49.618**	ug/L	0.519	1	12	6499	0	KED
⌈	**As**	**75**	**49.248**	ug/L	0.200	0	4	18860	0	KED
⌊	**Se**	**78**	**49.802**	ug/L	0.254	0	13	2162	0	KED
	Y	**89**		ug/L			804838	810732	0	Standard
	Kr	**83**		ug/L			330	307	1	Standard
⌈>	**In-1**	**115**		ug/L			28284	28751	0	KED
⌈	**Mo**	**98**	**47.975**	ug/L	0.381	0	7	94201	0	KED
⌈	**Cd**	**111**	**49.084**	ug/L	0.755	1	3	21930	1	KED
⌊	**Cd**	**114**	**49.079**	ug/L	0.330	0	3	56747	1	KED
⌈>	**In**	**115**		ug/L			1438888	1460324	1	Standard
⌈	**Ag**	**107**	**47.744**	ug/L	0.810	1	55	999000	0	Standard
⌈	**Sb**	**121**	**46.211**	ug/L	1.502	3	380	1074869	2	Standard
⌈	**Sb**	**123**	**47.968**	ug/L	1.165	2	357	835968	1	Standard
⌈	**Ba**	**135**	**47.224**	ug/L	1.349	2	38	406811	2	Standard
⌊	**Ba**	**137**	**47.396**	ug/L	1.530	3	69	711116	2	Standard
⌈>	**Tb**	**159**		ug/L			3033563	3067965	0	Standard
⌈	**Tl**	**205**	**49.768**	ug/L	0.285	0	71	5366785	0	Standard
⌊	**Pb**	**208**	**47.808**	ug/L	0.369	0	536	6754371	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 22:56:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1235518	4	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	242	10	8	44	Standard
	C	**13**		ug/L			23319	22878	2	Standard
	Cl	**37**		ug/L			7703668	7679531	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1436560	4	Standard
⌈	**Al**	**27**	**0.036**	ug/L	0.006	18	3506	4466	2	Standard
⌈	**V**	**51**	**-0.002**	ug/L	0.005	283	6451	6231	1	Standard
⌈	**V-1**	**51**	**-0.000**	ug/L	0.000	172	292	276	6	Standard
⌈	**Cr**	**52**	**0.001**	ug/L	0.020	1481	18849	18443	1	Standard
⌈	**Cr**	**53**	**0.007**	ug/L	0.005	71	160	179	8	Standard
⌊	**Mn**	**55**	**-0.002**	ug/L	0.001	74	1532	1401	3	Standard
⌈>	**Ge**	**72**		ug/L			100573	102950	1	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.003	160	23	20	30	KED
⌈	**Ni**	**62**	**0.016**	ug/L	0.033	201	6	11	86	KED
⌈	**Cu**	**63**	**-0.002**	ug/L	0.002	119	98	92	10	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.006	478	45	43	35	KED
⌈	**Zn**	**66**	**0.041**	ug/L	0.029	72	73	107	21	KED
⌈	**Zn**	**67**	**0.032**	ug/L	0.061	191	12	16	48	KED
⌈	**As**	**75**	**0.001**	ug/L	0.001	89	4	5	9	KED
⌊	**Se**	**78**	**-0.011**	ug/L	0.032	308	13	13	9	KED
	Y	**89**		ug/L			804838	788405	3	Standard
	Kr	**83**		ug/L			330	330	1	Standard
⌈>	**In-1**	**115**		ug/L			28284	29319	1	KED
⌈	**Mo**	**98**	**0.003**	ug/L	0.003	104	7	13	41	KED
⌈	**Cd**	**111**	**-0.004**	ug/L	0.005	129	3	2	98	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	383	3	2	121	KED
⌈>	**In**	**115**		ug/L			1438888	1424133	5	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	79	55	72	20	Standard
⌈	**Sb**	**121**	**0.048**	ug/L	0.003	5	380	1473	3	Standard
⌈	**Sb**	**123**	**0.043**	ug/L	0.002	3	357	1091	3	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	817	38	36	21	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	179	69	59	19	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2935173	2	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	6	71	430	8	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	28	536	690	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:01:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1265527	0	Standard
	Be	9	-0.001	ug/L	0.001	86	10	5	94	Standard
	C	13		ug/L			23319	53090	1	Standard
	Cl	37		ug/L			7703668	7629269	0	Standard
>	Sc	45		ug/L			1469921	1453299	0	Standard
	Al	27	2.041	ug/L	0.028	1	3506	63960	1	Standard
	V	51	0.014	ug/L	0.004	30	6451	6881	2	Standard
	V-1	51	0.006	ug/L	0.000	8	292	503	4	Standard
	Cr	52	0.092	ug/L	0.011	12	18849	21453	1	Standard
	Cr	53	0.065	ug/L	0.004	6	160	384	4	Standard
	Mn	55	0.107	ug/L	0.003	3	1532	6598	2	Standard
>	Ge	72		ug/L			100573	102371	0	KED
	Ni	60	0.018	ug/L	0.005	27	23	57	15	KED
	Ni	62	0.031	ug/L	0.003	10	6	15	6	KED
	Cu	63	0.022	ug/L	0.002	10	98	217	4	KED
	Cu	65	0.023	ug/L	0.008	34	45	106	19	KED
	Zn	66	0.371	ug/L	0.012	3	73	369	2	KED
	Zn	67	0.349	ug/L	0.070	20	12	57	15	KED
	As	75	-0.001	ug/L	0.006	933	4	4	48	KED
	Se	78	-0.023	ug/L	0.039	169	13	12	12	KED
	Y	89		ug/L			804838	803848	0	Standard
	Kr	83		ug/L			330	309	4	Standard
>	In-1	115		ug/L			28284	28898	1	KED
	Mo	98	0.004	ug/L	0.000	2	7	16	2	KED
	Cd	111	-0.002	ug/L	0.002	146	3	3	34	KED
	Cd	114	0.003	ug/L	0.004	152	3	6	78	KED
>	In	115		ug/L			1438888	1414237	0	Standard
	Ag	107	0.000	ug/L	0.000	130	55	60	13	Standard
	Sb	121	0.019	ug/L	0.001	6	380	801	4	Standard
	Sb	123	0.014	ug/L	0.002	12	357	589	4	Standard
	Ba	135	0.010	ug/L	0.001	11	38	123	8	Standard
	Ba	137	0.010	ug/L	0.001	6	69	209	4	Standard
>	Tb	159		ug/L			3033563	3032858	0	Standard
	Tl	205	0.001	ug/L	0.000	20	71	213	12	Standard
	Pb	208	0.001	ug/L	0.000	22	536	704	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:05:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1268010	0	Standard
	Be	**9**	**23.916**	ug/L	0.343	1	10	197370	0	Standard
	C	**13**		ug/L			23319	63359	0	Standard
	Cl	**37**		ug/L			7703668	7908864	0	Standard
>	**Sc**	**45**		ug/L			1469921	1468342	1	Standard
	Al	**27**	**4995.902**	ug/L	53.561	1	3506	149608383	0	Standard
	V	**51**	**23.058**	ug/L	0.163	0	6451	828444	0	Standard
	V-1	**51**	**23.254**	ug/L	0.258	1	292	833107	0	Standard
	Cr	**52**	**23.398**	ug/L	0.169	0	18849	741243	2	Standard
	Cr	**53**	**24.026**	ug/L	0.249	1	160	85251	1	Standard
	Mn	**55**	**23.779**	ug/L	0.365	1	1532	1147554	2	Standard
>	**Ge**	**72**		ug/L			100573	103551	0	KED
	Ni	**60**	**23.735**	ug/L	0.139	0	23	43744	0	KED
	Ni	**62**	**23.848**	ug/L	0.654	2	6	7246	2	KED
	Cu	**63**	**23.710**	ug/L	0.470	1	98	127219	1	KED
	Cu	**65**	**23.705**	ug/L	0.152	0	45	62481	0	KED
	Zn	**66**	**76.784**	ug/L	0.209	0	73	61780	0	KED
	Zn	**67**	**74.082**	ug/L	0.418	0	12	9797	0	KED
	As	**75**	**23.822**	ug/L	0.274	1	4	9217	0	KED
	Se	**78**	**76.962**	ug/L	0.974	1	13	3368	1	KED
	Y	**89**		ug/L			804838	800502	1	Standard
	Kr	**83**		ug/L			330	303	8	Standard
>	**In-1**	**115**		ug/L			28284	28515	1	KED
	Mo	**98**	**0.005**	ug/L	0.003	49	7	18	26	KED
	Cd	**111**	**24.584**	ug/L	0.479	1	3	10896	2	KED
	Cd	**114**	**24.335**	ug/L	0.227	0	3	27904	1	KED
>	**In**	**115**		ug/L			1438888	1430435	1	Standard
	Ag	**107**	**23.274**	ug/L	0.275	1	55	477064	0	Standard
	Sb	**121**	**0.031**	ug/L	0.002	6	380	1094	4	Standard
	Sb	**123**	**0.026**	ug/L	0.002	6	357	802	2	Standard
	Ba	**135**	**23.874**	ug/L	0.372	1	38	201486	0	Standard
	Ba	**137**	**24.155**	ug/L	0.306	1	69	355078	0	Standard
>	**Tb**	**159**		ug/L			3033563	3102509	0	Standard
	Tl	**205**	**24.986**	ug/L	0.079	0	71	2724831	0	Standard
	Pb	**208**	**22.145**	ug/L	0.425	1	536	3163835	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:10:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1242965	2	Standard
	Be	9	0.000	ug/L	0.001	598	10	11	50	Standard
	C	13		ug/L			23319	50517	1	Standard
	Cl	37		ug/L			7703668	7633643	1	Standard
>	Sc	45		ug/L			1469921	1433441	0	Standard
	Al	27	1.094	ug/L	0.022	2	3506	35390	1	Standard
	V	51	0.018	ug/L	0.002	10	6451	6925	0	Standard
	V-1	51	0.013	ug/L	0.000	2	292	756	1	Standard
	Cr	52	0.168	ug/L	0.005	2	18849	23455	0	Standard
	Cr	53	0.151	ug/L	0.003	2	160	677	2	Standard
	Mn	55	0.622	ug/L	0.003	0	1532	30734	0	Standard
>	Ge	72		ug/L			100573	99840	1	KED
	Ni	60	0.013	ug/L	0.007	52	23	46	24	KED
	Ni	62	0.022	ug/L	0.017	76	6	12	37	KED
	Cu	63	0.024	ug/L	0.010	41	98	221	22	KED
	Cu	65	0.027	ug/L	0.006	21	45	114	14	KED
	Zn	66	0.389	ug/L	0.010	2	73	374	3	KED
	Zn	67	0.459	ug/L	0.041	8	12	70	8	KED
	As	75	-0.000	ug/L	0.004	965	4	4	32	KED
	Se	78	0.031	ug/L	0.100	328	13	14	28	KED
	Y	89		ug/L			804838	792076	1	Standard
	Kr	83		ug/L			330	320	7	Standard
>	In-1	115		ug/L			28284	27830	0	KED
	Mo	98	0.013	ug/L	0.004	27	7	33	21	KED
	Cd	111	-0.004	ug/L	0.002	51	3	1	50	KED
	Cd	114	-0.003	ug/L	0.002	73	3	0	553	KED
>	In	115		ug/L			1438888	1408311	1	Standard
	Ag	107	0.001	ug/L	0.000	26	55	75	8	Standard
	Sb	121	-0.000	ug/L	0.001	179	380	363	3	Standard
	Sb	123	-0.004	ug/L	0.001	31	357	289	6	Standard
	Ba	135	0.004	ug/L	0.002	50	38	67	21	Standard
	Ba	137	0.003	ug/L	0.001	15	69	116	6	Standard
>	Tb	159		ug/L			3033563	2963890	0	Standard
	Tl	205	0.001	ug/L	0.000	18	71	166	9	Standard
	Pb	208	0.000	ug/L	0.000	123	536	549	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:14:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1264898	3	Standard
	Be	9	23.308	ug/L	0.772	3	10	191760	0	Standard
	C	13		ug/L			23319	62790	0	Standard
	Cl	37		ug/L			7703668	7812198	0	Standard
>	Sc	45		ug/L			1469921	1457978	1	Standard
	Al	27	5050.138	ug/L	52.661	1	3506	150189526	1	Standard
	V	51	23.259	ug/L	0.086	0	6451	829804	1	Standard
	V-1	51	23.510	ug/L	0.126	0	292	836469	1	Standard
	Cr	52	23.862	ug/L	0.147	0	18849	750174	0	Standard
	Cr	53	24.664	ug/L	0.048	0	160	86900	0	Standard
	Mn	55	24.269	ug/L	0.120	0	1532	1162790	0	Standard
>	Ge	72		ug/L			100573	100660	0	KED
	Ni	60	24.609	ug/L	0.249	1	23	44087	0	KED
	Ni	62	24.116	ug/L	0.157	0	6	7124	0	KED
	Cu	63	24.531	ug/L	0.142	0	98	127953	0	KED
	Cu	65	24.458	ug/L	0.317	1	45	62661	0	KED
	Zn	66	79.384	ug/L	0.435	0	73	62085	0	KED
	Zn	67	76.320	ug/L	1.197	1	12	9811	2	KED
	As	75	24.593	ug/L	0.303	1	4	9250	0	KED
	Se	78	79.809	ug/L	0.632	0	13	3395	0	KED
	Y	89		ug/L			804838	801349	2	Standard
	Kr	83		ug/L			330	328	2	Standard
>	In-1	115		ug/L			28284	27713	1	KED
	Mo	98	0.011	ug/L	0.001	4	7	29	4	KED
	Cd	111	25.384	ug/L	0.066	0	3	10934	1	KED
	Cd	114	25.290	ug/L	0.190	0	3	28185	1	KED
>	In	115		ug/L			1438888	1402615	1	Standard
	Ag	107	23.879	ug/L	0.351	1	55	479950	1	Standard
	Sb	121	0.039	ug/L	0.003	6	380	1246	4	Standard
	Sb	123	0.035	ug/L	0.003	9	357	940	4	Standard
	Ba	135	24.715	ug/L	0.272	1	38	204520	0	Standard
	Ba	137	24.636	ug/L	0.162	0	69	355124	1	Standard
>	Tb	159		ug/L			3033563	3070447	0	Standard
	Tl	205	25.234	ug/L	0.323	1	71	2723293	0	Standard
	Pb	208	22.393	ug/L	0.360	1	536	3166396	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-40
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:19:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1254203	0	Standard
	Be	9	0.001	ug/L	0.001	150	10	16	53	Standard
	C	13		ug/L			23319	44164	0	Standard
	Cl	37		ug/L			7703668	7616956	0	Standard
>	Sc	45		ug/L			1469921	1444752	2	Standard
	Al	27	1.585	ug/L	0.028	1	3506	50132	1	Standard
	V	51	0.010	ug/L	0.003	28	6451	6676	1	Standard
	V-1	51	0.008	ug/L	0.001	7	292	573	5	Standard
	Cr	52	0.168	ug/L	0.011	6	18849	23623	0	Standard
	Cr	53	0.161	ug/L	0.006	3	160	717	3	Standard
	Mn	55	0.027	ug/L	0.003	10	1532	2804	4	Standard
>	Ge	72		ug/L			100573	101005	2	KED
	Ni	60	0.179	ug/L	0.009	4	23	344	6	KED
	Ni	62	0.197	ug/L	0.022	11	6	64	7	KED
	Cu	63	0.064	ug/L	0.007	11	98	431	8	KED
	Cu	65	0.056	ug/L	0.008	14	45	189	10	KED
	Zn	66	0.347	ug/L	0.021	6	73	345	3	KED
	Zn	67	0.231	ug/L	0.044	19	12	41	13	KED
	As	75	0.000	ug/L	0.003	897	4	4	26	KED
	Se	78	-0.026	ug/L	0.044	167	13	12	12	KED
	Y	89		ug/L			804838	775367	1	Standard
	Kr	83		ug/L			330	323	1	Standard
>	In-1	115		ug/L			28284	28050	1	KED
	Mo	98	0.000	ug/L	0.002	502	7	8	45	KED
	Cd	111	-0.001	ug/L	0.003	236	3	3	45	KED
	Cd	114	0.004	ug/L	0.004	94	3	7	54	KED
>	In	115		ug/L			1438888	1382033	1	Standard
	Ag	107	-0.000	ug/L	0.001	245	55	48	22	Standard
	Sb	121	0.007	ug/L	0.002	26	380	509	6	Standard
	Sb	123	0.003	ug/L	0.001	43	357	390	3	Standard
	Ba	135	0.009	ug/L	0.002	23	38	111	16	Standard
	Ba	137	0.010	ug/L	0.002	23	69	201	14	Standard
>	Tb	159		ug/L			3033563	2957838	0	Standard
	Tl	205	0.001	ug/L	0.000	25	71	150	14	Standard
	Pb	208	0.006	ug/L	0.000	2	536	1300	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-20
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:23:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1261000	1	Standard
	Be	9	-0.000	ug/L	0.000	65	10	7	25	Standard
	C	13		ug/L			23319	44609	1	Standard
	Cl	37		ug/L			7703668	7431270	0	Standard
>	Sc	45		ug/L			1469921	1458446	0	Standard
	Al	27	1.600	ug/L	0.011	0	3506	51089	1	Standard
	V	51	0.016	ug/L	0.006	35	6451	6949	1	Standard
	V-1	51	0.015	ug/L	0.000	3	292	809	3	Standard
	Cr	52	0.163	ug/L	0.008	4	18849	23688	0	Standard
	Cr	53	0.157	ug/L	0.013	7	160	713	7	Standard
	Mn	55	0.209	ug/L	0.002	0	1532	11511	1	Standard
>	Ge	72		ug/L			100573	101725	1	KED
	Ni	60	0.074	ug/L	0.004	5	23	158	3	KED
	Ni	62	0.074	ug/L	0.032	43	6	28	35	KED
	Cu	63	0.420	ug/L	0.007	1	98	2309	1	KED
	Cu	65	0.426	ug/L	0.023	5	45	1148	5	KED
	Zn	66	0.263	ug/L	0.016	6	73	281	4	KED
	Zn	67	0.288	ug/L	0.059	20	12	49	13	KED
	As	75	-0.004	ug/L	0.003	69	4	3	39	KED
	Se	78	0.019	ug/L	0.040	213	13	14	12	KED
	Y	89		ug/L			804838	791090	0	Standard
	Kr	83		ug/L			330	336	8	Standard
>	In-1	115		ug/L			28284	28270	1	KED
	Mo	98	0.004	ug/L	0.003	80	7	14	36	KED
	Cd	111	-0.001	ug/L	0.005	327	3	3	62	KED
	Cd	114	0.000	ug/L	0.003	778	3	3	110	KED
>	In	115		ug/L			1438888	1423689	2	Standard
	Ag	107	0.000	ug/L	0.001	262	55	59	21	Standard
	Sb	121	0.027	ug/L	0.002	8	380	993	3	Standard
	Sb	123	0.025	ug/L	0.003	11	357	785	7	Standard
	Ba	135	0.017	ug/L	0.002	8	38	180	9	Standard
	Ba	137	0.016	ug/L	0.002	14	69	297	11	Standard
>	Tb	159		ug/L			3033563	2974420	1	Standard
	Tl	205	0.000	ug/L	0.000	22	71	81	4	Standard
	Pb	208	0.001	ug/L	0.000	17	536	723	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-36
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:28:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1271677	1	Standard
	Be	9	0.001	ug/L	0.000	53	10	15	18	Standard
	C	13		ug/L			23319	47800	0	Standard
	Cl	37		ug/L			7703668	7206616	0	Standard
>	Sc	45		ug/L			1469921	1535610	1	Standard
	Al	27	17.584	ug/L	0.124	0	3506	554386	1	Standard
	V	51	0.236	ug/L	0.004	1	6451	15537	0	Standard
	V-1	51	0.239	ug/L	0.004	1	292	9270	1	Standard
	Cr	52	0.145	ug/L	0.006	4	18849	24385	0	Standard
	Cr	53	0.158	ug/L	0.003	1	160	751	0	Standard
	Mn	55	1.216	ug/L	0.012	0	1532	62876	2	Standard
>	Ge	72		ug/L			100573	101151	1	KED
	Ni	60	0.159	ug/L	0.012	7	23	310	8	KED
	Ni	62	0.169	ug/L	0.028	16	6	56	15	KED
	Cu	63	0.622	ug/L	0.007	1	98	3355	1	KED
	Cu	65	0.615	ug/L	0.011	1	45	1628	1	KED
	Zn	66	1.068	ug/L	0.043	4	73	912	2	KED
	Zn	67	1.295	ug/L	0.221	17	12	179	14	KED
	As	75	0.531	ug/L	0.020	3	4	205	2	KED
	Se	78	0.044	ug/L	0.015	33	13	15	3	KED
	Y	89		ug/L			804838	805123	1	Standard
	Kr	83		ug/L			330	309	6	Standard
>	In-1	115		ug/L			28284	28719	0	KED
	Mo	98	0.370	ug/L	0.001	0	7	733	0	KED
	Cd	111	0.011	ug/L	0.007	58	3	8	32	KED
	Cd	114	0.015	ug/L	0.006	37	3	20	31	KED
>	In	115		ug/L			1438888	1428442	1	Standard
	Ag	107	0.001	ug/L	0.000	35	55	69	6	Standard
	Sb	121	0.057	ug/L	0.004	6	380	1662	3	Standard
	Sb	123	0.054	ug/L	0.002	3	357	1280	1	Standard
	Ba	135	3.815	ug/L	0.021	0	38	32188	0	Standard
	Ba	137	3.813	ug/L	0.080	2	69	56030	2	Standard
>	Tb	159		ug/L			3033563	3069630	1	Standard
	Tl	205	0.002	ug/L	0.000	3	71	246	3	Standard
	Pb	208	0.018	ug/L	0.000	1	536	3064	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-41
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:33:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1259036	2	Standard
	Be	9	0.000	ug/L	0.000	58	10	14	15	Standard
	C	13		ug/L			23319	46682	1	Standard
	Cl	37		ug/L			7703668	7141310	0	Standard
>	Sc	45		ug/L			1469921	1495846	1	Standard
	Al	27	18.868	ug/L	0.142	0	3506	579185	1	Standard
	V	51	0.232	ug/L	0.003	1	6451	14979	0	Standard
	V-1	51	0.238	ug/L	0.005	2	292	8982	0	Standard
	Cr	52	0.217	ug/L	0.014	6	18849	25990	1	Standard
	Cr	53	0.237	ug/L	0.012	4	160	1019	2	Standard
	Mn	55	1.382	ug/L	0.011	0	1532	69395	0	Standard
>	Ge	72		ug/L			100573	103542	2	KED
	Ni	60	0.218	ug/L	0.006	2	23	425	4	KED
	Ni	62	0.211	ug/L	0.018	8	6	70	7	KED
	Cu	63	0.636	ug/L	0.018	2	98	3510	1	KED
	Cu	65	0.641	ug/L	0.014	2	45	1734	3	KED
	Zn	66	1.367	ug/L	0.027	1	73	1174	2	KED
	Zn	67	1.534	ug/L	0.141	9	12	215	10	KED
	As	75	0.536	ug/L	0.046	8	4	211	6	KED
	Se	78	0.128	ug/L	0.037	29	13	19	6	KED
	Y	89		ug/L			804838	797880	0	Standard
	Kr	83		ug/L			330	307	18	Standard
>	In-1	115		ug/L			28284	28316	1	KED
	Mo	98	0.357	ug/L	0.009	2	7	698	1	KED
	Cd	111	0.017	ug/L	0.009	51	3	11	33	KED
	Cd	114	0.019	ug/L	0.010	50	3	24	43	KED
>	In	115		ug/L			1438888	1459986	2	Standard
	Ag	107	0.001	ug/L	0.001	135	55	67	22	Standard
	Sb	121	0.064	ug/L	0.001	1	380	1873	1	Standard
	Sb	123	0.066	ug/L	0.005	7	357	1518	4	Standard
	Ba	135	3.670	ug/L	0.073	1	38	31640	1	Standard
	Ba	137	3.638	ug/L	0.107	2	69	54627	0	Standard
>	Tb	159		ug/L			3033563	3041198	0	Standard
	Tl	205	0.002	ug/L	0.000	16	71	275	13	Standard
	Pb	208	0.022	ug/L	0.001	2	536	3683	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-42
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:39:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1240552	1	Standard
	Be	9	0.001	ug/L	0.000	26	10	21	13	Standard
	C	13		ug/L			23319	44387	0	Standard
	Cl	37		ug/L			7703668	7134325	0	Standard
>	Sc	45		ug/L			1469921	1569814	0	Standard
	Al	27	7.103	ug/L	0.105	1	3506	231161	1	Standard
	V	51	0.394	ug/L	0.007	1	6451	21902	1	Standard
	V-1	51	0.420	ug/L	0.005	1	292	16379	1	Standard
	Cr	52	0.122	ug/L	0.006	5	18849	24170	1	Standard
	Cr	53	0.210	ug/L	0.002	0	160	965	1	Standard
	Mn	55	19.458	ug/L	0.215	1	1532	1004148	1	Standard
>	Ge	72		ug/L			100573	96258	1	KED
	Ni	60	0.112	ug/L	0.006	5	23	213	4	KED
	Ni	62	0.082	ug/L	0.042	50	6	29	39	KED
	Cu	63	0.248	ug/L	0.006	2	98	1328	1	KED
	Cu	65	0.257	ug/L	0.015	5	45	671	6	KED
	Zn	66	0.736	ug/L	0.062	8	73	620	8	KED
	Zn	67	2.139	ug/L	0.203	9	12	274	9	KED
	As	75	0.072	ug/L	0.007	9	4	30	8	KED
	Se	78	0.085	ug/L	0.030	35	13	16	7	KED
	Y	89		ug/L			804838	791262	0	Standard
	Kr	83		ug/L			330	308	8	Standard
>	In-1	115		ug/L			28284	27198	0	KED
	Mo	98	0.843	ug/L	0.032	3	7	1572	3	KED
	Cd	111	0.069	ug/L	0.016	23	3	32	21	KED
	Cd	114	0.073	ug/L	0.013	17	3	82	16	KED
>	In	115		ug/L			1438888	1457128	0	Standard
	Ag	107	-0.000	ug/L	0.000	789	55	55	9	Standard
	Sb	121	0.018	ug/L	0.001	3	380	800	2	Standard
	Sb	123	0.014	ug/L	0.001	9	357	612	2	Standard
	Ba	135	20.080	ug/L	0.079	0	38	172647	0	Standard
	Ba	137	19.757	ug/L	0.245	1	69	295879	0	Standard
>	Tb	159		ug/L			3033563	3097611	0	Standard
	Tl	205	0.000	ug/L	0.000	25	71	124	11	Standard
	Pb	208	0.008	ug/L	0.001	9	536	1621	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:47:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1294317	3	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	1878	10	10	20	Standard
	C	**13**		ug/L			23319	24888	0	Standard
	Cl	**37**		ug/L			7703668	8198069	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1448268	0	Standard
⌈	**Al**	**27**	**0.021**	ug/L	0.001	6	3506	4078	0	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.002	159	6451	6404	1	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	23	292	248	4	Standard
⌈	**Cr**	**52**	**0.012**	ug/L	0.008	61	18849	18952	1	Standard
⌈	**Cr**	**53**	**0.004**	ug/L	0.002	42	160	173	4	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.002	24	1532	1166	7	Standard
⌈>	**Ge**	**72**		ug/L			100573	98424	2	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.004	172	23	26	25	KED
⌈	**Ni**	**62**	**0.000**	ug/L	0.023	29298	6	6	105	KED
⌈	**Cu**	**63**	**-0.006**	ug/L	0.001	16	98	66	8	KED
⌈	**Cu**	**65**	**-0.004**	ug/L	0.001	26	45	34	9	KED
⌈	**Zn**	**66**	**0.054**	ug/L	0.016	28	73	113	12	KED
⌈	**Zn**	**67**	**0.079**	ug/L	0.049	62	12	21	26	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.002	57	4	3	22	KED
⌊	**Se**	**78**	**0.005**	ug/L	0.068	1253	13	13	21	KED
	Y	**89**		ug/L			804838	786399	2	Standard
	Kr	**83**		ug/L			330	316	4	Standard
⌈>	**In-1**	**115**		ug/L			28284	27632	0	KED
⌈	**Mo**	**98**	**0.001**	ug/L	0.003	387	7	8	54	KED
⌈	**Cd**	**111**	**-0.003**	ug/L	0.005	169	3	2	78	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	43	3	0	271	KED
⌈>	**In**	**115**		ug/L			1438888	1473470	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	91	55	49	13	Standard
⌈	**Sb**	**121**	**-0.012**	ug/L	0.001	4	380	105	12	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.001	8	357	81	28	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.000	74	38	43	7	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.001	114	69	55	29	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2976835	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	28	71	54	8	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	132	536	561	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:52:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1233124	1	Standard
⌊	**Be**	**9**	**47.393**	ug/L	0.595	1	10	380329	0	Standard
	C	**13**		ug/L			23319	25510	0	Standard
	Cl	**37**		ug/L			7703668	7898075	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1462633	2	Standard
⌈	**Al**	**27**	**4803.744**	ug/L	48.336	1	3506	143290492	1	Standard
⌈	**V**	**51**	**46.722**	ug/L	0.500	1	6451	1665409	1	Standard
⌈	**V-1**	**51**	**47.129**	ug/L	0.482	1	292	1681609	1	Standard
⌈	**Cr**	**52**	**47.205**	ug/L	0.201	0	18849	1470344	2	Standard
⌈	**Cr**	**53**	**48.514**	ug/L	0.326	0	160	171329	2	Standard
⌊	**Mn**	**55**	**50.976**	ug/L	0.791	1	1532	2448508	2	Standard
⌈>	**Ge**	**72**		ug/L			100573	100650	0	KED
⌈	**Ni**	**60**	**48.007**	ug/L	1.028	2	23	85976	2	KED
⌈	**Ni**	**62**	**47.913**	ug/L	0.954	1	6	14147	1	KED
⌈	**Cu**	**63**	**48.888**	ug/L	0.425	0	98	254881	0	KED
⌈	**Cu**	**65**	**49.138**	ug/L	0.439	0	45	125840	0	KED
⌈	**Zn**	**66**	**49.391**	ug/L	0.269	0	73	38652	0	KED
⌈	**Zn**	**67**	**49.764**	ug/L	1.392	2	12	6400	2	KED
⌈	**As**	**75**	**48.832**	ug/L	0.341	0	4	18361	0	KED
⌊	**Se**	**78**	**48.846**	ug/L	0.965	1	13	2083	1	KED
	Y	**89**		ug/L			804838	807549	2	Standard
	Kr	**83**		ug/L			330	318	7	Standard
⌈>	**In-1**	**115**		ug/L			28284	28027	0	KED
⌈	**Mo**	**98**	**48.532**	ug/L	0.078	0	7	92897	0	KED
⌈	**Cd**	**111**	**48.719**	ug/L	0.517	1	3	21221	1	KED
⌊	**Cd**	**114**	**48.932**	ug/L	0.076	0	3	55150	0	KED
⌈>	**In**	**115**		ug/L			1438888	1457153	2	Standard
⌈	**Ag**	**107**	**46.766**	ug/L	0.654	1	55	976501	2	Standard
⌈	**Sb**	**121**	**47.984**	ug/L	0.579	1	380	1113800	1	Standard
⌈	**Sb**	**123**	**49.791**	ug/L	0.868	1	357	865817	1	Standard
⌈	**Ba**	**135**	**47.908**	ug/L	0.954	1	38	411755	0	Standard
⌊	**Ba**	**137**	**47.721**	ug/L	0.326	0	69	714582	2	Standard
⌈>	**Tb**	**159**		ug/L			3033563	3122961	0	Standard
⌈	**Tl**	**205**	**50.185**	ug/L	0.412	0	71	5509028	1	Standard
⌊	**Pb**	**208**	**48.069**	ug/L	0.665	1	536	6912897	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, June 24, 2021 23:59:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1237969	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	41	10	17	16	Standard
	C	**13**		ug/L			23319	23284	1	Standard
	Cl	**37**		ug/L			7703668	7786815	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1452192	1	Standard
⌈	**Al**	**27**	**0.034**	ug/L	0.005	13	3506	4461	2	Standard
⌈	**V**	**51**	**-0.005**	ug/L	0.002	31	6451	6185	1	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	9	292	260	0	Standard
⌈	**Cr**	**52**	**-0.011**	ug/L	0.003	27	18849	18300	1	Standard
⌈	**Cr**	**53**	**0.004**	ug/L	0.004	88	160	173	6	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.000	6	1532	1157	2	Standard
⌈>	**Ge**	**72**		ug/L			100573	99509	1	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.004	223	23	19	40	KED
⌈	**Ni**	**62**	**-0.004**	ug/L	0.004	98	6	5	21	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.004	1280	98	99	21	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.004	380	45	41	27	KED
⌈	**Zn**	**66**	**0.022**	ug/L	0.017	80	73	89	14	KED
⌈	**Zn**	**67**	**0.036**	ug/L	0.044	122	12	16	35	KED
⌈	**As**	**75**	**0.000**	ug/L	0.002	1399	4	4	15	KED
⌊	**Se**	**78**	**0.000**	ug/L	0.067	664405	13	13	19	KED
	Y	**89**		ug/L			804838	790365	1	Standard
	Kr	**83**		ug/L			330	343	6	Standard
⌈>	**In-1**	**115**		ug/L			28284	28052	1	KED
⌈	**Mo**	**98**	**0.005**	ug/L	0.004	74	7	17	42	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.003	50	3	6	18	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	210	3	4	54	KED
⌈>	**In**	**115**		ug/L			1438888	1458629	1	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	84	55	73	18	Standard
⌈	**Sb**	**121**	**0.045**	ug/L	0.003	6	380	1437	5	Standard
⌈	**Sb**	**123**	**0.045**	ug/L	0.003	6	357	1137	3	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	184	38	45	29	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	179	69	77	17	Standard
⌈>	**Tb**	**159**		ug/L			3033563	3034066	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	8	71	369	7	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	34	536	650	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-08
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:04:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1260415	1	Standard
	Be	9	0.000	ug/L	0.001	302	10	12	48	Standard
	C	13		ug/L			23319	46813	0	Standard
	Cl	37		ug/L			7703668	7405755	1	Standard
>	Sc	45		ug/L			1469921	1499688	0	Standard
	Al	27	18.465	ug/L	0.104	0	3506	568406	1	Standard
	V	51	0.222	ug/L	0.007	2	6451	14679	2	Standard
	V-1	51	0.227	ug/L	0.005	2	292	8620	3	Standard
	Cr	52	0.151	ug/L	0.007	4	18849	23984	1	Standard
	Cr	53	0.168	ug/L	0.011	6	160	772	5	Standard
	Mn	55	5.342	ug/L	0.019	0	1532	264505	1	Standard
>	Ge	72		ug/L			100573	100685	0	KED
	Ni	60	5.623	ug/L	0.033	0	23	10094	1	KED
	Ni	62	5.738	ug/L	0.068	1	6	1700	1	KED
	Cu	63	2.012	ug/L	0.015	0	98	10585	0	KED
	Cu	65	2.013	ug/L	0.019	0	45	5201	1	KED
	Zn	66	4.520	ug/L	0.150	3	73	3605	3	KED
	Zn	67	4.656	ug/L	0.139	2	12	610	3	KED
	As	75	0.449	ug/L	0.005	1	4	173	1	KED
	Se	78	0.067	ug/L	0.061	92	13	16	15	KED
	Y	89		ug/L			804838	810738	1	Standard
	Kr	83		ug/L			330	313	6	Standard
>	In-1	115		ug/L			28284	28111	1	KED
	Mo	98	0.385	ug/L	0.022	5	7	746	4	KED
	Cd	111	0.050	ug/L	0.006	11	3	25	8	KED
	Cd	114	0.044	ug/L	0.007	16	3	52	16	KED
>	In	115		ug/L			1438888	1504578	0	Standard
	Ag	107	0.001	ug/L	0.001	91	55	73	19	Standard
	Sb	121	0.058	ug/L	0.000	0	380	1781	0	Standard
	Sb	123	0.057	ug/L	0.002	4	357	1395	2	Standard
	Ba	135	4.039	ug/L	0.059	1	38	35891	1	Standard
	Ba	137	4.029	ug/L	0.044	1	69	62354	1	Standard
>	Tb	159		ug/L			3033563	3120778	0	Standard
	Tl	205	0.002	ug/L	0.000	2	71	343	2	Standard
	Pb	208	0.021	ug/L	0.000	1	536	3639	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-12
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:08:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1225862	0	Standard
	Be	9	0.001	ug/L	0.001	37	10	20	18	Standard
	C	13		ug/L			23319	48920	0	Standard
	Cl	37		ug/L			7703668	7373003	0	Standard
>	Sc	45		ug/L			1469921	1497387	0	Standard
	Al	27	18.969	ug/L	0.282	1	3506	582864	0	Standard
	V	51	0.234	ug/L	0.005	2	6451	15071	0	Standard
	V-1	51	0.241	ug/L	0.004	1	292	9102	1	Standard
	Cr	52	0.191	ug/L	0.006	2	18849	25200	0	Standard
	Cr	53	0.215	ug/L	0.003	1	160	939	0	Standard
	Mn	55	4.108	ug/L	0.076	1	1532	203454	1	Standard
>	Ge	72		ug/L			100573	102052	0	KED
	Ni	60	0.181	ug/L	0.015	8	23	353	7	KED
	Ni	62	0.180	ug/L	0.029	16	6	60	14	KED
	Cu	63	1.759	ug/L	0.041	2	98	9396	1	KED
	Cu	65	1.835	ug/L	0.050	2	45	4807	2	KED
	Zn	66	3.665	ug/L	0.137	3	73	2977	4	KED
	Zn	67	3.819	ug/L	0.286	7	12	509	6	KED
	As	75	0.396	ug/L	0.005	1	4	155	1	KED
	Se	78	0.073	ug/L	0.088	120	13	17	21	KED
	Y	89		ug/L			804838	810353	1	Standard
	Kr	83		ug/L			330	308	1	Standard
>	In-1	115		ug/L			28284	28299	1	KED
	Mo	98	0.433	ug/L	0.017	4	7	844	2	KED
	Cd	111	0.030	ug/L	0.005	17	3	17	14	KED
	Cd	114	0.029	ug/L	0.009	29	3	35	26	KED
>	In	115		ug/L			1438888	1508827	1	Standard
	Ag	107	0.000	ug/L	0.001	177	55	67	26	Standard
	Sb	121	0.044	ug/L	0.002	4	380	1459	3	Standard
	Sb	123	0.042	ug/L	0.002	4	357	1125	2	Standard
	Ba	135	3.642	ug/L	0.050	1	38	32451	0	Standard
	Ba	137	3.637	ug/L	0.068	1	69	56458	0	Standard
>	Tb	159		ug/L			3033563	3103146	0	Standard
	Tl	205	0.002	ug/L	0.000	13	71	253	9	Standard
	Pb	208	0.018	ug/L	0.000	1	536	3142	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-23
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:13:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1247909	1	Standard
	Be	9	0.000	ug/L	0.000	32	10	13	7	Standard
	C	13		ug/L			23319	44964	1	Standard
	Cl	37		ug/L			7703668	7361497	0	Standard
>	Sc	45		ug/L			1469921	1498032	0	Standard
	Al	27	27.308	ug/L	0.464	1	3506	837902	1	Standard
	V	51	0.268	ug/L	0.004	1	6451	16323	1	Standard
	V-1	51	0.279	ug/L	0.003	0	292	10496	0	Standard
	Cr	52	0.128	ug/L	0.010	7	18849	23242	1	Standard
	Cr	53	0.166	ug/L	0.004	2	160	762	2	Standard
	Mn	55	1.545	ug/L	0.016	1	1532	77515	0	Standard
>	Ge	72		ug/L			100573	101468	0	KED
	Ni	60	0.182	ug/L	0.020	11	23	353	9	KED
	Ni	62	0.213	ug/L	0.047	22	6	69	20	KED
	Cu	63	2.186	ug/L	0.020	0	98	11583	1	KED
	Cu	65	2.234	ug/L	0.068	3	45	5810	3	KED
	Zn	66	2.862	ug/L	0.097	3	73	2328	3	KED
	Zn	67	2.708	ug/L	0.399	14	12	362	14	KED
	As	75	0.579	ug/L	0.025	4	4	224	4	KED
	Se	78	0.068	ug/L	0.053	77	13	16	13	KED
	Y	89		ug/L			804838	799238	0	Standard
	Kr	83		ug/L			330	325	6	Standard
>	In-1	115		ug/L			28284	27728	1	KED
	Mo	98	0.377	ug/L	0.043	11	7	721	12	KED
	Cd	111	0.031	ug/L	0.006	20	3	17	16	KED
	Cd	114	0.033	ug/L	0.007	19	3	40	19	KED
>	In	115		ug/L			1438888	1504761	2	Standard
	Ag	107	0.000	ug/L	0.001	1156	55	59	28	Standard
	Sb	121	0.058	ug/L	0.002	3	380	1795	2	Standard
	Sb	123	0.058	ug/L	0.002	2	357	1417	2	Standard
	Ba	135	3.846	ug/L	0.115	2	38	34167	1	Standard
	Ba	137	3.814	ug/L	0.101	2	69	59012	0	Standard
>	Tb	159		ug/L			3033563	3090321	0	Standard
	Tl	205	0.002	ug/L	0.000	11	71	274	9	Standard
	Pb	208	0.031	ug/L	0.001	1	536	4982	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-25
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:17:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1257299	1	Standard
	Be	9	0.000	ug/L	0.001	669	10	11	44	Standard
	C	13		ug/L			23319	46497	1	Standard
	Cl	37		ug/L			7703668	7400241	0	Standard
>	Sc	45		ug/L			1469921	1527821	1	Standard
	Al	27	20.622	ug/L	0.079	0	3506	646261	1	Standard
	V	51	0.232	ug/L	0.006	2	6451	15299	2	Standard
	V-1	51	0.242	ug/L	0.004	1	292	9337	2	Standard
	Cr	52	0.133	ug/L	0.005	3	18849	23880	1	Standard
	Cr	53	0.170	ug/L	0.009	5	160	791	3	Standard
	Mn	55	1.456	ug/L	0.010	0	1532	74617	0	Standard
>	Ge	72		ug/L			100573	101850	0	KED
	Ni	60	0.281	ug/L	0.019	6	23	533	6	KED
	Ni	62	0.255	ug/L	0.007	2	6	82	2	KED
	Cu	63	2.033	ug/L	0.023	1	98	10822	1	KED
	Cu	65	2.060	ug/L	0.029	1	45	5381	1	KED
	Zn	66	3.375	ug/L	0.115	3	73	2742	3	KED
	Zn	67	3.552	ug/L	0.072	2	12	473	1	KED
	As	75	0.517	ug/L	0.016	3	4	201	3	KED
	Se	78	0.066	ug/L	0.021	32	13	16	5	KED
	Y	89		ug/L			804838	815273	0	Standard
	Kr	83		ug/L			330	313	5	Standard
>	In-1	115		ug/L			28284	27641	1	KED
	Mo	98	0.383	ug/L	0.009	2	7	729	2	KED
	Cd	111	0.037	ug/L	0.018	49	3	19	41	KED
	Cd	114	0.025	ug/L	0.004	17	3	30	14	KED
>	In	115		ug/L			1438888	1510371	0	Standard
	Ag	107	0.000	ug/L	0.000	2514	55	58	17	Standard
	Sb	121	0.043	ug/L	0.001	1	380	1422	1	Standard
	Sb	123	0.045	ug/L	0.003	5	357	1183	4	Standard
	Ba	135	3.806	ug/L	0.064	1	38	33950	1	Standard
	Ba	137	3.804	ug/L	0.079	2	69	59113	2	Standard
>	Tb	159		ug/L			3033563	3100236	0	Standard
	Tl	205	0.002	ug/L	0.000	20	71	238	14	Standard
	Pb	208	0.027	ug/L	0.001	2	536	4365	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-27
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:22:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1257828	1	Standard
[	Be	9	0.000	ug/L	0.001	268	10	12	43	Standard
	C	13		ug/L			23319	47255	1	Standard
	Cl	37		ug/L			7703668	7407160	1	Standard
[>	Sc	45		ug/L			1469921	1506056	1	Standard
[	Al	27	20.711	ug/L	0.444	2	3506	639624	0	Standard
[	V	51	0.240	ug/L	0.012	4	6451	15372	2	Standard
[	V-1	51	0.249	ug/L	0.010	3	292	9445	3	Standard
[	Cr	52	0.129	ug/L	0.012	9	18849	23408	0	Standard
[	Cr	53	0.161	ug/L	0.005	3	160	749	3	Standard
[	Mn	55	1.539	ug/L	0.017	1	1532	77667	2	Standard
[>	Ge	72		ug/L			100573	100295	0	KED
[	Ni	60	0.161	ug/L	0.007	4	23	309	3	KED
[	Ni	62	0.164	ug/L	0.012	7	6	54	7	KED
[	Cu	63	2.089	ug/L	0.038	1	98	10947	2	KED
[	Cu	65	2.126	ug/L	0.061	2	45	5469	3	KED
[	Zn	66	3.732	ug/L	0.102	2	73	2978	3	KED
[	Zn	67	4.096	ug/L	0.234	5	12	535	5	KED
[	As	75	0.504	ug/L	0.028	5	4	193	4	KED
[	Se	78	0.047	ug/L	0.036	76	13	15	9	KED
	Y	89		ug/L			804838	804780	0	Standard
	Kr	83		ug/L			330	333	10	Standard
[>	In-1	115		ug/L			28284	27935	1	KED
[	Mo	98	0.411	ug/L	0.030	7	7	791	6	KED
[	Cd	111	0.038	ug/L	0.018	48	3	20	37	KED
[	Cd	114	0.034	ug/L	0.012	36	3	40	33	KED
[>	In	115		ug/L			1438888	1506415	2	Standard
[	Ag	107	0.000	ug/L	0.001	136	55	67	18	Standard
[	Sb	121	0.056	ug/L	0.003	5	380	1748	2	Standard
[	Sb	123	0.057	ug/L	0.002	4	357	1391	3	Standard
[	Ba	135	3.887	ug/L	0.079	2	38	34578	1	Standard
[	Ba	137	3.874	ug/L	0.077	2	69	60019	0	Standard
[>	Tb	159		ug/L			3033563	3110863	0	Standard
[	Tl	205	0.002	ug/L	0.000	13	71	250	9	Standard
[	Pb	208	0.023	ug/L	0.001	3	536	3824	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-05
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:26:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1231327	1	Standard
	Be	9	0.043	ug/L	0.005	11	10	358	10	Standard
	C	13		ug/L			23319	51758	1	Standard
	Cl	37		ug/L			7703668	7231813	0	Standard
>	Sc	45		ug/L			1469921	1539448	0	Standard
	Al	27	513.923	ug/L	16.444	3	3506	16139634	3	Standard
	V	51	0.134	ug/L	0.001	0	6451	11774	0	Standard
	V-1	51	0.148	ug/L	0.004	2	292	5876	2	Standard
	Cr	52	0.135	ug/L	0.003	2	18849	24104	0	Standard
	Cr	53	0.180	ug/L	0.010	5	160	837	4	Standard
	Mn	55	518.715	ug/L	9.435	1	1532	26209483	1	Standard
>	Ge	72		ug/L			100573	100226	0	KED
	Ni	60	3.554	ug/L	0.039	1	23	6360	1	KED
	Ni	62	3.783	ug/L	0.133	3	6	1118	3	KED
	Cu	63	5.792	ug/L	0.025	0	98	30155	0	KED
	Cu	65	5.862	ug/L	0.080	1	45	14988	1	KED
	Zn	66	81.720	ug/L	0.267	0	73	63636	0	KED
	Zn	67	74.999	ug/L	0.981	1	12	9600	1	KED
	As	75	0.175	ug/L	0.004	2	4	70	2	KED
	Se	78	0.086	ug/L	0.112	129	13	17	27	KED
	Y	89		ug/L			804838	852508	0	Standard
	Kr	83		ug/L			330	340	2	Standard
>	In-1	115		ug/L			28284	27778	0	KED
	Mo	98	0.257	ug/L	0.005	1	7	494	2	KED
	Cd	111	0.860	ug/L	0.042	4	3	374	5	KED
	Cd	114	0.850	ug/L	0.017	2	3	952	2	KED
>	In	115		ug/L			1438888	1529038	1	Standard
	Ag	107	0.000	ug/L	0.000	444	55	60	12	Standard
	Sb	121	0.051	ug/L	0.002	3	380	1655	2	Standard
	Sb	123	0.054	ug/L	0.003	5	357	1361	2	Standard
	Ba	135	11.049	ug/L	0.162	1	38	99697	1	Standard
	Ba	137	10.942	ug/L	0.148	1	69	171980	0	Standard
>	Tb	159		ug/L			3033563	3161337	0	Standard
	Tl	205	0.019	ug/L	0.001	4	71	2162	4	Standard
	Pb	208	0.021	ug/L	0.000	1	536	3682	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:31:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1237307	2	Standard
	Be	9	0.041	ug/L	0.003	6	10	340	5	Standard
	C	13		ug/L			23319	46786	1	Standard
	Cl	37		ug/L			7703668	7222429	0	Standard
>	Sc	45		ug/L			1469921	1532531	0	Standard
	Al	27	492.764	ug/L	5.425	1	3506	15406069	1	Standard
	V	51	0.122	ug/L	0.004	3	6451	11277	0	Standard
	V-1	51	0.141	ug/L	0.004	2	292	5572	2	Standard
	Cr	52	0.048	ug/L	0.003	6	18849	21196	1	Standard
	Cr	53	0.109	ug/L	0.007	5	160	570	4	Standard
	Mn	55	504.583	ug/L	4.627	0	1532	25380765	0	Standard
>	Ge	72		ug/L			100573	99559	1	KED
	Ni	60	3.401	ug/L	0.036	1	23	6045	0	KED
	Ni	62	3.405	ug/L	0.111	3	6	1000	4	KED
	Cu	63	5.651	ug/L	0.016	0	98	29228	1	KED
	Cu	65	5.739	ug/L	0.074	1	45	14577	1	KED
	Zn	66	78.285	ug/L	0.663	0	73	60554	1	KED
	Zn	67	74.550	ug/L	0.999	1	12	9478	1	KED
	As	75	0.188	ug/L	0.022	11	4	74	9	KED
	Se	78	0.015	ug/L	0.083	570	13	14	24	KED
	Y	89		ug/L			804838	853821	0	Standard
	Kr	83		ug/L			330	324	0	Standard
>	In-1	115		ug/L			28284	27857	1	KED
	Mo	98	0.259	ug/L	0.012	4	7	501	5	KED
	Cd	111	0.823	ug/L	0.031	3	3	359	2	KED
	Cd	114	0.859	ug/L	0.051	5	3	965	4	KED
>	In	115		ug/L			1438888	1525414	3	Standard
	Ag	107	0.000	ug/L	0.001	233	55	64	20	Standard
	Sb	121	0.046	ug/L	0.001	1	380	1520	2	Standard
	Sb	123	0.045	ug/L	0.006	12	357	1201	8	Standard
	Ba	135	10.767	ug/L	0.124	1	38	96915	2	Standard
	Ba	137	10.657	ug/L	0.171	1	69	167057	1	Standard
>	Tb	159		ug/L			3033563	3186881	1	Standard
	Tl	205	0.017	ug/L	0.001	6	71	2033	4	Standard
	Pb	208	0.019	ug/L	0.000	2	536	3348	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:37:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1201018	1	Standard
[	Be	9	24.031	ug/L	0.631	2	10	187810	1	Standard
	C	13		ug/L			23319	47305	1	Standard
	Cl	37		ug/L			7703668	7337082	0	Standard
[>	Sc	45		ug/L			1469921	1543713	1	Standard
[	Al	27	5045.444	ug/L	42.402	0	3506	158860109	1	Standard
[	V	51	22.868	ug/L	0.483	2	6451	863847	2	Standard
[	V-1	51	23.089	ug/L	0.404	1	292	869709	1	Standard
[	Cr	52	22.634	ug/L	0.356	1	18849	754338	1	Standard
[	Cr	53	23.352	ug/L	0.241	1	160	87114	0	Standard
[	Mn	55	527.123	ug/L	13.182	2	1532	26701408	1	Standard
[>	Ge	72		ug/L			100573	99354	1	KED
[	Ni	60	27.936	ug/L	0.743	2	23	49390	2	KED
[	Ni	62	28.063	ug/L	0.336	1	6	8181	0	KED
[	Cu	63	29.879	ug/L	0.115	0	98	153809	0	KED
[	Cu	65	30.190	ug/L	0.153	0	45	76339	1	KED
[	Zn	66	154.372	ug/L	3.281	2	73	119091	1	KED
[	Zn	67	145.874	ug/L	0.817	0	12	18497	0	KED
[	As	75	25.355	ug/L	0.368	1	4	9413	1	KED
[	Se	78	80.783	ug/L	2.401	2	13	3391	1	KED
	Y	89		ug/L			804838	861437	2	Standard
	Kr	83		ug/L			330	371	7	Standard
[>	In-1	115		ug/L			28284	27818	0	KED
[	Mo	98	0.262	ug/L	0.011	4	7	504	3	KED
[	Cd	111	25.997	ug/L	0.280	1	3	11240	0	KED
[	Cd	114	25.963	ug/L	0.034	0	3	29046	0	KED
[>	In	115		ug/L			1438888	1513659	1	Standard
[	Ag	107	23.193	ug/L	0.095	0	55	503101	1	Standard
[	Sb	121	0.112	ug/L	0.004	3	380	3103	3	Standard
[	Sb	123	0.111	ug/L	0.007	6	357	2381	3	Standard
[	Ba	135	34.328	ug/L	0.703	2	38	306534	1	Standard
[	Ba	137	34.599	ug/L	0.266	0	69	538175	0	Standard
[>	Tb	159		ug/L			3033563	3209973	1	Standard
[	Tl	205	25.679	ug/L	0.146	0	71	2897356	1	Standard
[	Pb	208	22.414	ug/L	0.233	1	536	3313648	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:43:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1207487	1	Standard
	Be	9	23.644	ug/L	0.335	1	10	185820	1	Standard
	C	13		ug/L			23319	46867	0	Standard
	Cl	37		ug/L			7703668	7242178	0	Standard
>	Sc	45		ug/L			1469921	1569769	2	Standard
	Al	27	4919.046	ug/L	64.290	1	3506	157462355	1	Standard
	V	51	22.094	ug/L	0.314	1	6451	848800	1	Standard
	V-1	51	22.352	ug/L	0.190	0	292	856118	1	Standard
	Cr	52	22.293	ug/L	0.233	1	18849	755833	1	Standard
	Cr	53	23.125	ug/L	0.282	1	160	87749	3	Standard
	Mn	55	521.522	ug/L	12.011	2	1532	26861240	1	Standard
>	Ge	72		ug/L			100573	100220	0	KED
	Ni	60	27.608	ug/L	0.326	1	23	49241	1	KED
	Ni	62	27.559	ug/L	0.643	2	6	8104	1	KED
	Cu	63	29.787	ug/L	0.633	2	98	154655	1	KED
	Cu	65	30.074	ug/L	0.117	0	45	76705	0	KED
	Zn	66	154.541	ug/L	1.600	1	73	120266	0	KED
	Zn	67	145.192	ug/L	2.037	1	12	18571	1	KED
	As	75	24.707	ug/L	0.505	2	4	9252	1	KED
	Se	78	78.790	ug/L	1.095	1	13	3337	2	KED
	Y	89		ug/L			804838	874313	0	Standard
	Kr	83		ug/L			330	379	7	Standard
>	In-1	115		ug/L			28284	28084	0	KED
	Mo	98	0.273	ug/L	0.013	4	7	530	4	KED
	Cd	111	25.757	ug/L	0.339	1	3	11243	1	KED
	Cd	114	25.775	ug/L	0.164	0	3	29111	0	KED
>	In	115		ug/L			1438888	1541437	2	Standard
	Ag	107	22.895	ug/L	0.112	0	55	505782	2	Standard
	Sb	121	0.088	ug/L	0.004	4	380	2571	5	Standard
	Sb	123	0.086	ug/L	0.002	2	357	1961	2	Standard
	Ba	135	34.528	ug/L	0.705	2	38	313941	0	Standard
	Ba	137	34.110	ug/L	0.402	1	69	540260	0	Standard
>	Tb	159		ug/L			3033563	3274727	0	Standard
	Tl	205	25.194	ug/L	0.300	1	71	2900000	1	Standard
	Pb	208	21.850	ug/L	0.235	1	536	3295257	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:51:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1252112	1	Standard
	Be	**9**	**-0.000**	ug/L	0.000	167	10	9	20	Standard
	C	**13**		ug/L			23319	24850	0	Standard
	Cl	**37**		ug/L			7703668	7407955	0	Standard
>	**Sc**	**45**		ug/L			1469921	1451968	1	Standard
	Al	**27**	**0.044**	ug/L	0.030	69	3506	4753	18	Standard
	V	**51**	**-0.001**	ug/L	0.004	482	6451	6341	0	Standard
	V-1	**51**	**-0.001**	ug/L	0.001	59	292	245	9	Standard
	Cr	**52**	**-0.003**	ug/L	0.011	309	18849	18511	0	Standard
	Cr	**53**	**-0.005**	ug/L	0.002	44	160	142	6	Standard
	Mn	**55**	**-0.006**	ug/L	0.002	40	1532	1224	8	Standard
>	**Ge**	**72**		ug/L			100573	100351	1	KED
	Ni	**60**	**0.002**	ug/L	0.001	42	23	26	7	KED
	Ni	**62**	**0.017**	ug/L	0.016	95	6	11	44	KED
	Cu	**63**	**-0.003**	ug/L	0.003	86	98	81	17	KED
	Cu	**65**	**-0.000**	ug/L	0.005	25261	45	45	28	KED
	Zn	**66**	**0.062**	ug/L	0.025	40	73	121	17	KED
	Zn	**67**	**0.040**	ug/L	0.026	64	12	17	19	KED
	As	**75**	**-0.004**	ug/L	0.001	19	4	3	8	KED
	Se	**78**	**0.037**	ug/L	0.025	67	13	15	5	KED
	Y	**89**		ug/L			804838	814555	1	Standard
	Kr	**83**		ug/L			330	351	10	Standard
>	**In-1**	**115**		ug/L			28284	28210	1	KED
	Mo	**98**	**-0.002**	ug/L	0.001	43	7	3	64	KED
	Cd	**111**	**0.004**	ug/L	0.003	87	3	5	26	KED
	Cd	**114**	**0.003**	ug/L	0.002	54	3	6	31	KED
>	**In**	**115**		ug/L			1438888	1559800	2	Standard
	Ag	**107**	**-0.000**	ug/L	0.000	62	55	49	10	Standard
	Sb	**121**	**-0.012**	ug/L	0.001	6	380	107	20	Standard
	Sb	**123**	**-0.017**	ug/L	0.001	4	357	68	25	Standard
	Ba	**135**	**0.000**	ug/L	0.001	783	38	42	22	Standard
	Ba	**137**	**-0.001**	ug/L	0.001	52	69	55	15	Standard
>	**Tb**	**159**		ug/L			3033563	3098144	0	Standard
	Tl	**205**	**0.000**	ug/L	0.000	77	71	99	20	Standard
	Pb	**208**	**0.000**	ug/L	0.000	105	536	591	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 00:56:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1261408	2	Standard
⌊	**Be**	**9**	**47.579**	ug/L	1.205	2	10	390492	0	Standard
	C	**13**		ug/L			23319	25522	2	Standard
	Cl	**37**		ug/L			7703668	7772858	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1493676	0	Standard
⌈	**Al**	**27**	**4671.222**	ug/L	66.655	1	3506	142304999	0	Standard
⌈	**V**	**51**	**46.223**	ug/L	0.329	0	6451	1682954	1	Standard
⌈	**V-1**	**51**	**46.720**	ug/L	0.316	0	292	1702637	1	Standard
⌈	**Cr**	**52**	**46.830**	ug/L	0.509	1	18849	1489942	1	Standard
⌈	**Cr**	**53**	**48.430**	ug/L	0.314	0	160	174658	1	Standard
⌊	**Mn**	**55**	**50.557**	ug/L	0.294	0	1532	2480009	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	102032	0	KED
⌈	**Ni**	**60**	**48.144**	ug/L	0.583	1	23	87405	1	KED
⌈	**Ni**	**62**	**48.168**	ug/L	1.064	2	6	14418	2	KED
⌈	**Cu**	**63**	**48.662**	ug/L	0.463	0	98	257180	0	KED
⌈	**Cu**	**65**	**49.598**	ug/L	0.998	2	45	128751	1	KED
⌈	**Zn**	**66**	**49.084**	ug/L	0.950	1	73	38938	1	KED
⌈	**Zn**	**67**	**49.212**	ug/L	1.692	3	12	6416	3	KED
⌈	**As**	**75**	**48.228**	ug/L	0.710	1	4	18382	1	KED
⌊	**Se**	**78**	**49.169**	ug/L	0.768	1	13	2125	0	KED
	Y	**89**		ug/L			804838	823578	1	Standard
	Kr	**83**		ug/L			330	321	4	Standard
⌈>	**In-1**	**115**		ug/L			28284	28202	2	KED
⌈	**Mo**	**98**	**49.427**	ug/L	1.275	2	7	95160	0	KED
⌈	**Cd**	**111**	**49.439**	ug/L	1.205	2	3	21659	0	KED
⌊	**Cd**	**114**	**50.170**	ug/L	1.194	2	3	56877	0	KED
⌈>	**In**	**115**		ug/L			1438888	1539212	2	Standard
⌈	**Ag**	**107**	**46.202**	ug/L	2.020	4	55	1018361	2	Standard
⌈	**Sb**	**121**	**48.053**	ug/L	1.008	2	380	1178267	2	Standard
⌈	**Sb**	**123**	**49.768**	ug/L	0.775	1	357	914096	0	Standard
⌈	**Ba**	**135**	**45.839**	ug/L	1.149	2	38	416141	1	Standard
⌊	**Ba**	**137**	**45.686**	ug/L	1.069	2	69	722432	1	Standard
⌈>	**Tb**	**159**		ug/L			3033563	3227110	1	Standard
⌈	**Tl**	**205**	**49.916**	ug/L	0.639	1	71	5661473	0	Standard
⌊	**Pb**	**208**	**47.494**	ug/L	0.208	0	536	7057905	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:03:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1237840	2	Standard
	Be	**9**	**-0.000**	ug/L	0.000	122	10	7	43	Standard
	C	**13**		ug/L			23319	23641	2	Standard
	Cl	**37**		ug/L			7703668	7528308	0	Standard
>	**Sc**	**45**		ug/L			1469921	1465858	0	Standard
	Al	**27**	**0.028**	ug/L	0.004	14	3506	4337	3	Standard
	V	**51**	**-0.001**	ug/L	0.003	178	6451	6381	1	Standard
	V-1	**51**	**-0.003**	ug/L	0.000	18	292	197	9	Standard
	Cr	**52**	**0.003**	ug/L	0.013	407	18849	18890	1	Standard
	Cr	**53**	**-0.001**	ug/L	0.005	548	160	156	9	Standard
	Mn	**55**	**-0.010**	ug/L	0.001	5	1532	1057	1	Standard
>	**Ge**	**72**		ug/L			100573	100147	1	KED
	Ni	**60**	**-0.001**	ug/L	0.004	696	23	22	34	KED
	Ni	**62**	**0.002**	ug/L	0.015	688	6	6	62	KED
	Cu	**63**	**0.001**	ug/L	0.002	215	98	102	9	KED
	Cu	**65**	**0.002**	ug/L	0.004	206	45	50	20	KED
	Zn	**66**	**0.044**	ug/L	0.009	21	73	107	7	KED
	Zn	**67**	**0.045**	ug/L	0.007	16	12	17	6	KED
	As	**75**	**0.001**	ug/L	0.006	501	4	5	48	KED
	Se	**78**	**0.011**	ug/L	0.030	264	13	14	8	KED
	Y	**89**		ug/L			804838	798317	0	Standard
	Kr	**83**		ug/L			330	331	9	Standard
>	**In-1**	**115**		ug/L			28284	28110	1	KED
	Mo	**98**	**0.004**	ug/L	0.002	41	7	15	20	KED
	Cd	**111**	**-0.001**	ug/L	0.002	172	3	3	34	KED
	Cd	**114**	**-0.001**	ug/L	0.003	255	3	1	188	KED
>	**In**	**115**		ug/L			1438888	1515561	0	Standard
	Ag	**107**	**0.000**	ug/L	0.001	142	55	66	16	Standard
	Sb	**121**	**0.041**	ug/L	0.000	0	380	1398	0	Standard
	Sb	**123**	**0.039**	ug/L	0.001	3	357	1077	3	Standard
	Ba	**135**	**0.000**	ug/L	0.001	490	38	41	20	Standard
	Ba	**137**	**-0.001**	ug/L	0.000	14	69	59	3	Standard
>	**Tb**	**159**		ug/L			3033563	3072667	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	11	71	325	8	Standard
	Pb	**208**	**0.001**	ug/L	0.000	21	536	711	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-31
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:08:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1269358	2	Standard
	Be	9	0.000	ug/L	0.001	429	10	12	48	Standard
	C	13		ug/L			23319	48599	0	Standard
	Cl	37		ug/L			7703668	7169105	1	Standard
>	Sc	45		ug/L			1469921	1551612	1	Standard
	Al	27	5.236	ug/L	0.091	1	3506	169406	2	Standard
	V	51	0.083	ug/L	0.006	6	6451	9943	1	Standard
	V-1	51	0.091	ug/L	0.003	3	292	3765	2	Standard
	Cr	52	0.265	ug/L	0.012	4	18849	28524	0	Standard
	Cr	53	0.288	ug/L	0.005	1	160	1247	1	Standard
	Mn	55	8.229	ug/L	0.099	1	1532	420668	1	Standard
>	Ge	72		ug/L			100573	103412	0	KED
	Ni	60	0.301	ug/L	0.009	2	23	578	2	KED
	Ni	62	0.291	ug/L	0.080	27	6	94	25	KED
	Cu	63	1.259	ug/L	0.004	0	98	6840	0	KED
	Cu	65	1.277	ug/L	0.026	1	45	3404	2	KED
	Zn	66	9.004	ug/L	0.183	2	73	7302	2	KED
	Zn	67	8.502	ug/L	0.372	4	12	1134	4	KED
	As	75	0.074	ug/L	0.002	2	4	33	2	KED
	Se	78	0.025	ug/L	0.078	315	13	15	22	KED
	Y	89		ug/L			804838	817736	1	Standard
	Kr	83		ug/L			330	304	5	Standard
>	In-1	115		ug/L			28284	28204	1	KED
	Mo	98	0.719	ug/L	0.036	5	7	1392	4	KED
	Cd	111	0.056	ug/L	0.012	22	3	28	20	KED
	Cd	114	0.053	ug/L	0.003	4	3	63	4	KED
>	In	115		ug/L			1438888	1566262	2	Standard
	Ag	107	-0.000	ug/L	0.000	111	55	53	10	Standard
	Sb	121	0.128	ug/L	0.005	3	380	3608	1	Standard
	Sb	123	0.127	ug/L	0.004	3	357	2758	0	Standard
	Ba	135	4.715	ug/L	0.071	1	38	43599	0	Standard
	Ba	137	4.688	ug/L	0.178	3	69	75486	1	Standard
>	Tb	159		ug/L			3033563	3154415	0	Standard
	Tl	205	0.004	ug/L	0.000	6	71	511	4	Standard
	Pb	208	0.004	ug/L	0.000	9	536	1100	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-37
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:13:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1258529	1	Standard
[	Be	9	0.001	ug/L	0.001	39	10	22	22	Standard
	C	13		ug/L			23319	51220	1	Standard
	Cl	37		ug/L			7703668	7129553	0	Standard
[>	Sc	45		ug/L			1469921	1531150	0	Standard
[	Al	27	41.464	ug/L	0.224	0	3506	1298535	0	Standard
[	V	51	0.304	ug/L	0.001	0	6451	18024	0	Standard
[	V-1	51	0.312	ug/L	0.004	1	292	11964	1	Standard
[	Cr	52	0.254	ug/L	0.007	2	18849	27815	0	Standard
[	Cr	53	0.281	ug/L	0.016	5	160	1205	4	Standard
[	Mn	55	7.602	ug/L	0.118	1	1532	383615	0	Standard
[>	Ge	72		ug/L			100573	102162	1	KED
[	Ni	60	0.214	ug/L	0.009	4	23	413	3	KED
[	Ni	62	0.205	ug/L	0.061	29	6	67	28	KED
[	Cu	63	2.304	ug/L	0.011	0	98	12289	1	KED
[	Cu	65	2.298	ug/L	0.025	1	45	6017	2	KED
[	Zn	66	4.888	ug/L	0.113	2	73	3949	1	KED
[	Zn	67	4.983	ug/L	0.072	1	12	661	1	KED
[	As	75	0.480	ug/L	0.004	0	4	187	1	KED
[	Se	78	0.039	ug/L	0.039	101	13	15	9	KED
	Y	89		ug/L			804838	825257	0	Standard
	Kr	83		ug/L			330	296	2	Standard
[>	In-1	115		ug/L			28284	28406	1	KED
[	Mo	98	0.428	ug/L	0.007	1	7	837	0	KED
[	Cd	111	0.044	ug/L	0.013	28	3	23	22	KED
[	Cd	114	0.037	ug/L	0.011	28	3	45	27	KED
[>	In	115		ug/L			1438888	1569755	0	Standard
[	Ag	107	0.001	ug/L	0.001	102	55	71	17	Standard
[	Sb	121	0.092	ug/L	0.000	0	380	2711	0	Standard
[	Sb	123	0.090	ug/L	0.001	1	357	2070	1	Standard
[	Ba	135	4.635	ug/L	0.013	0	38	42963	0	Standard
[	Ba	137	4.557	ug/L	0.031	0	69	73576	1	Standard
[>	Tb	159		ug/L			3033563	3142085	0	Standard
[	Tl	205	0.002	ug/L	0.000	0	71	348	0	Standard
[	Pb	208	0.049	ug/L	0.002	3	536	7650	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-43
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:17:37

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1274673	772956	8	Standard
Be	9	0.086	ug/L	0.008	9	10	436	7	Standard
C	13		ug/L			23319	25468	2	Standard
Cl	37		ug/L			7703668	4214668	0	Standard
> Sc	45		ug/L			1469921	988296	1	Standard
Al	27	87.503	ug/L	0.143	0	3506	1766197	1	Standard
V	51	-0.004	ug/L	0.002	40	6451	4238	0	Standard
V-1	51	0.055	ug/L	0.002	3	292	1515	2	Standard
Cr	52	0.823	ug/L	0.023	2	18849	29787	2	Standard
Cr	53	1.001	ug/L	0.020	1	160	2495	2	Standard
Mn	55	2450.280	ug/L	12.503	0	1532	79480431	1	Standard
> Ge	72		ug/L			100573	67664	1	KED
Ni	60	5.887	ug/L	0.077	1	23	7101	1	KED
Ni	62	5.622	ug/L	0.209	3	6	1119	2	KED
Cu	63	0.808	ug/L	0.151	18	98	2903	19	KED
Cu	65	0.805	ug/L	0.152	18	45	1417	20	KED
Zn	66	3142.270	ug/L	14.993	0	73	1650088	1	KED
Zn	67	2928.855	ug/L	13.423	0	12	252789	1	KED
As	75	0.136	ug/L	0.040	29	4	37	28	KED
Se	78	0.306	ug/L	0.122	40	13	17	20	KED
Y	89		ug/L			804838	529239	0	Standard
Kr	83		ug/L			330	361	15	Standard
> In-1	115		ug/L			28284	19361	0	KED
Mo	98	0.327	ug/L	0.018	5	7	437	6	KED
Cd	111	1.284	ug/L	0.033	2	3	388	3	KED
Cd	114	1.296	ug/L	0.119	9	3	1010	8	KED
> In	115		ug/L			1438888	997663	4	Standard
Ag	107	0.041	ug/L	0.001	3	55	623	2	Standard
Sb	121	0.267	ug/L	0.153	57	380	4573	59	Standard
Sb	123	0.252	ug/L	0.135	53	357	3299	54	Standard
Ba	135	14.306	ug/L	0.702	4	38	84097	0	Standard
Ba	137	13.917	ug/L	0.705	5	69	142501	0	Standard
> Tb	159		ug/L			3033563	1845373	0	Standard
Tl	205	0.005	ug/L	0.000	1	71	389	1	Standard
Pb	208	0.050	ug/L	0.003	5	536	4602	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-54
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:22:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1204369	0	Standard
	Be	9	0.002	ug/L	0.001	52	10	22	30	Standard
	C	13		ug/L			23319	42579	2	Standard
	Cl	37		ug/L			7703668	6504726	1	Standard
>	Sc	45		ug/L			1469921	1462111	0	Standard
	Al	27	15.913	ug/L	0.290	1	3506	478062	2	Standard
	V	51	0.195	ug/L	0.006	3	6451	13332	1	Standard
	V-1	51	0.231	ug/L	0.006	2	292	8526	2	Standard
	Cr	52	0.031	ug/L	0.005	15	18849	19694	0	Standard
	Cr	53	0.150	ug/L	0.005	3	160	688	2	Standard
	Mn	55	10.605	ug/L	0.129	1	1532	510453	1	Standard
>	Ge	72		ug/L			100573	95249	1	KED
	Ni	60	0.258	ug/L	0.014	5	23	459	7	KED
	Ni	62	0.264	ug/L	0.059	22	6	80	22	KED
	Cu	63	2.061	ug/L	0.008	0	98	10256	2	KED
	Cu	65	2.105	ug/L	0.025	1	45	5141	0	KED
	Zn	66	6.039	ug/L	0.186	3	73	4532	1	KED
	Zn	67	6.072	ug/L	0.236	3	12	749	4	KED
	As	75	0.448	ug/L	0.019	4	4	163	2	KED
	Se	78	-0.024	ug/L	0.082	347	13	12	28	KED
	Y	89		ug/L			804838	815721	0	Standard
	Kr	83		ug/L			330	363	7	Standard
>	In-1	115		ug/L			28284	26796	0	KED
	Mo	98	0.434	ug/L	0.023	5	7	801	5	KED
	Cd	111	0.055	ug/L	0.003	5	3	26	4	KED
	Cd	114	0.059	ug/L	0.008	13	3	66	12	KED
>	In	115		ug/L			1438888	1677442	0	Standard
	Ag	107	0.000	ug/L	0.001	339	55	69	23	Standard
	Sb	121	0.050	ug/L	0.001	1	380	1788	1	Standard
	Sb	123	0.048	ug/L	0.001	1	357	1374	0	Standard
	Ba	135	4.251	ug/L	0.025	0	38	42110	0	Standard
	Ba	137	4.141	ug/L	0.023	0	69	71458	0	Standard
>	Tb	159		ug/L			3033563	3188411	0	Standard
	Tl	205	0.002	ug/L	0.000	10	71	296	7	Standard
	Pb	208	0.020	ug/L	0.001	3	536	3509	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:28:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1211486	2	Standard
	Be	**9**	**0.000**	ug/L	0.001	427	10	11	44	Standard
	C	**13**		ug/L			23319	24096	0	Standard
	Cl	**37**		ug/L			7703668	7108584	0	Standard
>	**Sc**	**45**		ug/L			1469921	1380419	0	Standard
	Al	**27**	**0.010**	ug/L	0.005	47	3506	3569	2	Standard
	V	**51**	**-0.019**	ug/L	0.002	10	6451	5432	2	Standard
	V-1	**51**	**0.002**	ug/L	0.000	15	292	333	3	Standard
	Cr	**52**	**-0.053**	ug/L	0.006	10	18849	16170	1	Standard
	Cr	**53**	**0.014**	ug/L	0.007	48	160	196	10	Standard
	Mn	**55**	**0.141**	ug/L	0.009	6	1532	7828	5	Standard
>	**Ge**	**72**		ug/L			100573	95354	2	KED
	Ni	**60**	**0.008**	ug/L	0.007	89	23	36	32	KED
	Ni	**62**	**0.023**	ug/L	0.030	128	6	12	67	KED
	Cu	**63**	**-0.004**	ug/L	0.001	37	98	73	10	KED
	Cu	**65**	**-0.003**	ug/L	0.002	77	45	34	15	KED
	Zn	**66**	**0.055**	ug/L	0.015	27	73	110	7	KED
	Zn	**67**	**0.026**	ug/L	0.047	180	12	14	39	KED
	As	**75**	**0.001**	ug/L	0.000	31	4	4	0	KED
	Se	**78**	**0.028**	ug/L	0.073	264	13	14	17	KED
	Y	**89**		ug/L			804838	776994	0	Standard
	Kr	**83**		ug/L			330	316	3	Standard
>	**In-1**	**115**		ug/L			28284	26818	1	KED
	Mo	**98**	**-0.002**	ug/L	0.002	136	7	4	100	KED
	Cd	**111**	**-0.006**	ug/L	0.001	23	3	1	43	KED
	Cd	**114**	**0.000**	ug/L	0.002	1645	3	3	72	KED
>	**In**	**115**		ug/L			1438888	1605115	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	44	55	46	12	Standard
	Sb	**121**	**-0.006**	ug/L	0.002	38	380	274	21	Standard
	Sb	**123**	**-0.009**	ug/L	0.002	17	357	221	13	Standard
	Ba	**135**	**0.026**	ug/L	0.003	13	38	286	12	Standard
	Ba	**137**	**0.024**	ug/L	0.002	9	69	471	8	Standard
>	**Tb**	**159**		ug/L			3033563	3048885	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	85	71	62	14	Standard
	Pb	**208**	**-0.000**	ug/L	0.000	135	536	502	9	Standard

21F0123 **ICP-MS Quantitative Analysis - Summary Report**

Sample ID: ~~21F0130~~-18
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:33:31 MB 6/24/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	969091	1	Standard
	Be	9	0.182	ug/L	0.005	2	10	1158	4	Standard
	C	13		ug/L			23319	44857	0	Standard
	Cl	37		ug/L			7703668	5465092	0	Standard
>	Sc	45		ug/L			1469921	1284195	1	Standard
	Al	27	6342.033	ug/L	84.550	1	3506	166096010	0	Standard
	V	51	-0.020	ug/L	0.001	5	6451	5000	1	Standard
	V-1	51	0.022	ug/L	0.001	6	292	953	4	Standard
	Cr	52	0.133	ug/L	0.010	7	18849	20054	0	Standard
	Cr	53	0.269	ug/L	0.012	4	160	971	2	Standard
	Mn	55	1079.412	ug/L	11.563	1	1532	45491581	0	Standard
>	Ge	72		ug/L			100573	85524	0	KED
	Ni	60	10.851	ug/L	0.164	1	23	16528	1	KED
	Ni	62	11.111	ug/L	0.243	2	6	2792	2	KED
	Cu	63	113.365	ug/L	0.596	0	98	502095	0	KED
	Cu	65	115.867	ug/L	1.293	1	45	252069	0	KED
	Zn	66	1027.208	ug/L	9.579	0	73	681803	0	KED
	Zn	67	950.806	ug/L	5.569	0	12	103728	0	KED
	As	75	0.181	ug/L	0.014	8	4	61	7	KED
	Se	78	0.401	ug/L	0.081	20	13	26	12	KED
	Y	89		ug/L			804838	1137107	1	Standard
	Kr	83		ug/L			330	376	4	Standard
>	In-1	115		ug/L			28284	24001	1	KED
	Mo	98	0.009	ug/L	0.009	94	7	21	64	KED
	Cd	111	7.956	ug/L	0.136	1	3	2970	1	KED
	Cd	114	8.040	ug/L	0.101	1	3	7762	2	KED
>	In	115		ug/L			1438888	1431764	1	Standard
	Ag	107	0.016	ug/L	0.001	5	55	391	6	Standard
	Sb	121	0.004	ug/L	0.001	17	380	461	2	Standard
	Sb	123	0.000	ug/L	0.001	517	357	359	6	Standard
	Ba	135	22.586	ug/L	0.129	0	38	190797	0	Standard
	Ba	137	22.419	ug/L	0.040	0	69	329907	1	Standard
>	Tb	159		ug/L			3033563	2970085	0	Standard
	Tl	205	0.067	ug/L	0.001	1	71	7090	2	Standard
	Pb	208	0.293	ug/L	0.006	2	536	40598	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:38:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	945643	1	Standard
	Be	9	0.191	ug/L	0.003	1	10	1184	1	Standard
	C	13		ug/L			23319	42853	1	Standard
	Cl	37		ug/L			7703668	5365986	0	Standard
>	Sc	45		ug/L			1469921	1250217	2	Standard
	Al	27	6607.489	ug/L	69.641	1	3506	168470969	1	Standard
	V	51	-0.020	ug/L	0.004	20	6451	4881	0	Standard
	V-1	51	0.022	ug/L	0.002	6	292	931	2	Standard
	Cr	52	0.109	ug/L	0.012	10	18849	18886	0	Standard
	Cr	53	0.244	ug/L	0.005	2	160	870	1	Standard
	Mn	55	1085.710	ug/L	8.515	0	1532	44546242	1	Standard
>	Ge	72		ug/L			100573	82601	1	KED
	Ni	60	10.850	ug/L	0.241	2	23	15959	1	KED
	Ni	62	11.164	ug/L	0.372	3	6	2709	3	KED
	Cu	63	117.498	ug/L	1.574	1	98	502592	1	KED
	Cu	65	118.896	ug/L	0.511	0	45	249825	0	KED
	Zn	66	1046.172	ug/L	7.333	0	73	670655	0	KED
	Zn	67	973.370	ug/L	9.517	0	12	102557	0	KED
	As	75	0.121	ug/L	0.008	6	4	41	4	KED
	Se	78	0.423	ug/L	0.098	23	13	26	13	KED
	Y	89		ug/L			804838	1114279	1	Standard
	Kr	83		ug/L			330	382	7	Standard
>	In-1	115		ug/L			28284	23239	0	KED
	Mo	98	0.009	ug/L	0.004	48	7	20	32	KED
	Cd	111	8.351	ug/L	0.333	3	3	3018	3	KED
	Cd	114	8.575	ug/L	0.134	1	3	8014	0	KED
>	In	115		ug/L			1438888	1420864	2	Standard
	Ag	107	0.018	ug/L	0.002	11	55	416	11	Standard
	Sb	121	0.005	ug/L	0.001	22	380	499	7	Standard
	Sb	123	0.003	ug/L	0.001	25	357	409	5	Standard
	Ba	135	22.898	ug/L	0.187	0	38	191987	2	Standard
	Ba	137	22.957	ug/L	0.445	1	69	335230	2	Standard
>	Tb	159		ug/L			3033563	2932923	0	Standard
	Tl	205	0.071	ug/L	0.001	1	71	7372	1	Standard
	Pb	208	0.305	ug/L	0.005	1	536	41769	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:43:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	923634	0	Standard
	Be	9	22.940	ug/L	0.260	1	10	137904	0	Standard
	C	13		ug/L			23319	41703	1	Standard
	Cl	37		ug/L			7703668	5281713	0	Standard
>	Sc	45		ug/L			1469921	1208109	1	Standard
	Al	27	10596.731	ug/L	104.185	0	3506	261096960	0	Standard
	V	51	20.875	ug/L	0.202	0	6451	617627	1	Standard
	V-1	51	21.094	ug/L	0.138	0	292	621895	1	Standard
	Cr	52	20.886	ug/L	0.231	1	18849	545987	1	Standard
	Cr	53	21.593	ug/L	0.101	0	160	63061	1	Standard
	Mn	55	1098.524	ug/L	16.174	1	1532	43555695	1	Standard
>	Ge	72		ug/L			100573	79851	1	KED
	Ni	60	35.068	ug/L	0.606	1	23	49824	0	KED
	Ni	62	34.986	ug/L	0.840	2	6	8196	2	KED
	Cu	63	140.107	ug/L	1.543	1	98	579325	0	KED
	Cu	65	143.112	ug/L	1.559	1	45	290676	0	KED
	Zn	66	1113.148	ug/L	7.336	0	73	689836	0	KED
	Zn	67	1041.052	ug/L	5.917	0	12	106038	0	KED
	As	75	24.498	ug/L	0.351	1	4	7309	0	KED
	Se	78	76.557	ug/L	0.902	1	13	2583	1	KED
	Y	89		ug/L			804838	1101145	2	Standard
	Kr	83		ug/L			330	394	0	Standard
>	In-1	115		ug/L			28284	22709	1	KED
	Mo	98	0.013	ug/L	0.002	13	7	27	10	KED
	Cd	111	32.506	ug/L	0.343	1	3	11472	0	KED
	Cd	114	32.744	ug/L	0.029	0	3	29904	1	KED
>	In	115		ug/L			1438888	1416095	1	Standard
	Ag	107	23.286	ug/L	0.467	2	55	472536	2	Standard
	Sb	121	0.046	ug/L	0.001	2	380	1415	1	Standard
	Sb	123	0.045	ug/L	0.001	2	357	1109	3	Standard
	Ba	135	42.996	ug/L	0.239	0	38	359225	1	Standard
	Ba	137	43.268	ug/L	0.570	1	69	629588	0	Standard
>	Tb	159		ug/L			3033563	2878430	0	Standard
	Tl	205	25.295	ug/L	0.236	0	71	2559307	1	Standard
	Pb	208	22.383	ug/L	0.083	0	536	2967079	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:49:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	896760	1	Standard
[	Be	9	23.253	ug/L	0.075	0	10	135727	1	Standard
	C	13		ug/L			23319	39607	1	Standard
	Cl	37		ug/L			7703668	5211953	0	Standard
[>	Sc	45		ug/L			1469921	1208076	0	Standard
[	Al	27	10326.434	ug/L	47.112	0	3506	254444445	0	Standard
[	V	51	20.623	ug/L	0.198	0	6451	610202	0	Standard
[	V-1	51	20.876	ug/L	0.152	0	292	615417	0	Standard
[	Cr	52	20.881	ug/L	0.121	0	18849	545854	0	Standard
[	Cr	53	21.693	ug/L	0.071	0	160	63349	0	Standard
[	Mn	55	1078.600	ug/L	20.317	1	1532	42762812	1	Standard
[>	Ge	72		ug/L			100573	81455	0	KED
[	Ni	60	35.506	ug/L	0.453	1	23	51464	0	KED
[	Ni	62	35.680	ug/L	0.628	1	6	8526	1	KED
[	Cu	63	134.618	ug/L	2.311	1	98	567835	1	KED
[	Cu	65	136.491	ug/L	1.435	1	45	282818	1	KED
[	Zn	66	1062.981	ug/L	18.719	1	73	671987	1	KED
[	Zn	67	993.500	ug/L	18.816	1	12	103228	1	KED
[	As	75	23.712	ug/L	0.296	1	4	7217	0	KED
[	Se	78	76.934	ug/L	3.312	4	13	2648	3	KED
	Y	89		ug/L			804838	1069994	0	Standard
	Kr	83		ug/L			330	406	8	Standard
[>	In-1	115		ug/L			28284	22753	0	KED
[	Mo	98	0.013	ug/L	0.003	25	7	26	18	KED
[	Cd	111	32.685	ug/L	0.093	0	3	11558	0	KED
[	Cd	114	32.241	ug/L	0.121	0	3	29501	0	KED
[>	In	115		ug/L			1438888	1400796	0	Standard
[	Ag	107	22.553	ug/L	0.174	0	55	452748	1	Standard
[	Sb	121	0.036	ug/L	0.002	6	380	1175	4	Standard
[	Sb	123	0.034	ug/L	0.002	6	357	911	4	Standard
[	Ba	135	42.958	ug/L	0.321	0	38	355020	0	Standard
[	Ba	137	42.683	ug/L	0.227	0	69	614438	0	Standard
[>	Tb	159		ug/L			3033563	2833476	1	Standard
[	Tl	205	25.237	ug/L	0.303	1	71	2513312	0	Standard
[	Pb	208	22.410	ug/L	0.349	1	536	2924274	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 01:57:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1242167	2	Standard
	Be	**9**	**0.001**	ug/L	0.000	76	10	14	19	Standard
	C	**13**		ug/L			23319	23234	0	Standard
	Cl	**37**		ug/L			7703668	7071908	0	Standard
>	**Sc**	**45**		ug/L			1469921	1433338	1	Standard
	Al	**27**	**0.036**	ug/L	0.004	12	3506	4474	1	Standard
	V	**51**	**-0.033**	ug/L	0.002	7	6451	5158	0	Standard
	V-1	**51**	**-0.004**	ug/L	0.001	13	292	153	12	Standard
	Cr	**52**	**-0.100**	ug/L	0.008	7	18849	15355	0	Standard
	Cr	**53**	**-0.006**	ug/L	0.002	30	160	134	5	Standard
	Mn	**55**	**0.106**	ug/L	0.002	2	1532	6477	0	Standard
>	**Ge**	**72**		ug/L			100573	95025	2	KED
	Ni	**60**	**0.366**	ug/L	0.012	3	23	640	3	KED
	Ni	**62**	**0.368**	ug/L	0.054	14	6	108	15	KED
	Cu	**63**	**-0.002**	ug/L	0.001	71	98	83	9	KED
	Cu	**65**	**-0.007**	ug/L	0.002	22	45	24	15	KED
	Zn	**66**	**0.090**	ug/L	0.011	12	73	135	7	KED
	Zn	**67**	**0.120**	ug/L	0.047	38	12	26	23	KED
	As	**75**	**0.011**	ug/L	0.003	26	4	8	14	KED
	Se	**78**	**-0.014**	ug/L	0.217	1554	13	12	67	KED
	Y	**89**		ug/L			804838	797997	0	Standard
	Kr	**83**		ug/L			330	314	6	Standard
>	**In-1**	**115**		ug/L			28284	27097	1	KED
	Mo	**98**	**-0.002**	ug/L	0.001	40	7	2	65	KED
	Cd	**111**	**0.001**	ug/L	0.007	636	3	4	70	KED
	Cd	**114**	**-0.001**	ug/L	0.002	167	3	1	107	KED
>	**In**	**115**		ug/L			1438888	1671115	0	Standard
	Ag	**107**	**0.000**	ug/L	0.000	1399	55	64	13	Standard
	Sb	**121**	**-0.013**	ug/L	0.001	7	380	93	28	Standard
	Sb	**123**	**-0.017**	ug/L	0.000	2	357	81	9	Standard
	Ba	**135**	**0.027**	ug/L	0.005	18	38	314	15	Standard
	Ba	**137**	**0.023**	ug/L	0.002	7	69	477	5	Standard
>	**Tb**	**159**		ug/L			3033563	3088312	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	609	71	70	21	Standard
	Pb	**208**	**0.000**	ug/L	0.000	4926	536	546	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:02:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1253636	0	Standard
	Be	**9**	**47.596**	ug/L	0.301	0	10	388353	0	Standard
	C	**13**		ug/L			23319	24619	1	Standard
	Cl	**37**		ug/L			7703668	7095316	0	Standard
>	**Sc**	**45**		ug/L			1469921	1422958	0	Standard
	Al	**27**	**4578.517**	ug/L	32.146	0	3506	132884881	0	Standard
	V	**51**	**46.174**	ug/L	0.452	0	6451	1601546	1	Standard
	V-1	**51**	**46.629**	ug/L	0.258	0	292	1618847	0	Standard
	Cr	**52**	**46.887**	ug/L	0.526	1	18849	1421073	1	Standard
	Cr	**53**	**48.350**	ug/L	0.422	0	160	166113	1	Standard
	Mn	**55**	**50.755**	ug/L	0.434	0	1532	2371865	1	Standard
>	**Ge**	**72**		ug/L			100573	96491	1	KED
	Ni	**60**	**49.521**	ug/L	1.103	2	23	85025	2	KED
	Ni	**62**	**48.561**	ug/L	0.542	1	6	13745	0	KED
	Cu	**63**	**49.311**	ug/L	0.393	0	98	246482	2	KED
	Cu	**65**	**49.712**	ug/L	0.456	0	45	122042	1	KED
	Zn	**66**	**49.781**	ug/L	0.419	0	73	37346	1	KED
	Zn	**67**	**50.164**	ug/L	0.618	1	12	6185	1	KED
	As	**75**	**48.374**	ug/L	0.447	0	4	17437	0	KED
	Se	**78**	**47.778**	ug/L	1.027	2	13	1953	3	KED
	Y	**89**		ug/L			804838	795416	0	Standard
	Kr	**83**		ug/L			330	337	5	Standard
>	**In-1**	**115**		ug/L			28284	26459	1	KED
	Mo	**98**	**49.570**	ug/L	0.282	0	7	89569	1	KED
	Cd	**111**	**50.021**	ug/L	0.353	0	3	20569	2	KED
	Cd	**114**	**50.542**	ug/L	0.361	0	3	53776	1	KED
>	**In**	**115**		ug/L			1438888	1624445	1	Standard
	Ag	**107**	**45.878**	ug/L	0.711	1	55	1067826	0	Standard
	Sb	**121**	**48.144**	ug/L	0.359	0	380	1245882	0	Standard
	Sb	**123**	**49.804**	ug/L	0.201	0	357	965624	0	Standard
	Ba	**135**	**41.945**	ug/L	0.305	0	38	401997	1	Standard
	Ba	**137**	**41.188**	ug/L	0.405	0	69	687617	1	Standard
>	**Tb**	**159**		ug/L			3033563	3089182	0	Standard
	Tl	**205**	**50.450**	ug/L	0.700	1	71	5477658	0	Standard
	Pb	**208**	**48.589**	ug/L	0.265	0	536	6912102	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:09:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1282213	3	Standard
	Be	**9**	**-0.000**	ug/L	0.001	681	10	10	39	Standard
	C	**13**		ug/L			23319	23217	1	Standard
	Cl	**37**		ug/L			7703668	7173121	0	Standard
>	**Sc**	**45**		ug/L			1469921	1417356	1	Standard
	Al	**27**	**0.036**	ug/L	0.007	19	3506	4422	2	Standard
	V	**51**	**-0.025**	ug/L	0.003	10	6451	5350	0	Standard
	V-1	**51**	**-0.004**	ug/L	0.000	7	292	159	6	Standard
	Cr	**52**	**-0.079**	ug/L	0.008	9	18849	15829	0	Standard
	Cr	**53**	**-0.008**	ug/L	0.002	23	160	128	6	Standard
	Mn	**55**	**0.076**	ug/L	0.001	1	1532	5012	1	Standard
>	**Ge**	**72**		ug/L			100573	97183	1	KED
	Ni	**60**	**0.156**	ug/L	0.014	8	23	292	7	KED
	Ni	**62**	**0.143**	ug/L	0.041	28	6	46	26	KED
	Cu	**63**	**0.001**	ug/L	0.002	252	98	99	10	KED
	Cu	**65**	**0.002**	ug/L	0.002	71	45	48	5	KED
	Zn	**66**	**0.027**	ug/L	0.023	85	73	91	17	KED
	Zn	**67**	**0.018**	ug/L	0.031	166	12	13	28	KED
	As	**75**	**0.008**	ug/L	0.002	19	4	7	9	KED
	Se	**78**	**-0.012**	ug/L	0.037	297	13	12	12	KED
	Y	**89**		ug/L			804838	779944	1	Standard
	Kr	**83**		ug/L			330	299	7	Standard
>	**In-1**	**115**		ug/L			28284	27181	1	KED
	Mo	**98**	**0.007**	ug/L	0.002	34	7	21	22	KED
	Cd	**111**	**0.003**	ug/L	0.004	171	3	4	40	KED
	Cd	**114**	**0.000**	ug/L	0.003	3903	3	3	95	KED
>	**In**	**115**		ug/L			1438888	1596241	0	Standard
	Ag	**107**	**0.000**	ug/L	0.000	102	55	72	15	Standard
	Sb	**121**	**0.044**	ug/L	0.004	9	380	1537	6	Standard
	Sb	**123**	**0.042**	ug/L	0.002	4	357	1195	2	Standard
	Ba	**135**	**0.017**	ug/L	0.001	5	38	200	5	Standard
	Ba	**137**	**0.016**	ug/L	0.001	4	69	331	3	Standard
>	**Tb**	**159**		ug/L			3033563	3014259	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	9	71	327	8	Standard
	Pb	**208**	**0.001**	ug/L	0.000	18	536	645	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-19
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:14:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1292102	2	Standard
	Be	9	-0.000	ug/L	0.000	108	10	7	43	Standard
	C	13		ug/L			23319	51959	1	Standard
	Cl	37		ug/L			7703668	7231813	0	Standard
>	Sc	45		ug/L			1469921	1467528	0	Standard
	Al	27	3.177	ug/L	0.056	1	3506	98609	2	Standard
	V	51	-0.009	ug/L	0.006	61	6451	6115	3	Standard
	V-1	51	0.007	ug/L	0.000	5	292	545	2	Standard
	Cr	52	0.056	ug/L	0.020	35	18849	20535	2	Standard
	Cr	53	0.107	ug/L	0.005	4	160	539	3	Standard
	Mn	55	0.444	ug/L	0.003	0	1532	22922	0	Standard
>	Ge	72		ug/L			100573	99069	0	KED
	Ni	60	0.999	ug/L	0.018	1	23	1784	2	KED
	Ni	62	1.016	ug/L	0.156	15	6	301	15	KED
	Cu	63	0.036	ug/L	0.002	5	98	282	4	KED
	Cu	65	0.043	ug/L	0.010	23	45	151	17	KED
	Zn	66	0.435	ug/L	0.064	14	73	406	12	KED
	Zn	67	0.429	ug/L	0.101	23	12	66	19	KED
	As	75	0.018	ug/L	0.002	13	4	11	8	KED
	Se	78	-0.011	ug/L	0.018	157	13	13	5	KED
	Y	89		ug/L			804838	787795	1	Standard
	Kr	83		ug/L			330	322	10	Standard
>	In-1	115		ug/L			28284	26532	1	KED
	Mo	98	0.017	ug/L	0.003	20	7	37	17	KED
	Cd	111	-0.001	ug/L	0.005	460	3	3	62	KED
	Cd	114	0.002	ug/L	0.003	195	3	4	71	KED
>	In	115		ug/L			1438888	1606995	1	Standard
	Ag	107	0.000	ug/L	0.001	122	55	73	20	Standard
	Sb	121	0.057	ug/L	0.001	1	380	1880	1	Standard
	Sb	123	0.054	ug/L	0.002	3	357	1431	3	Standard
	Ba	135	0.051	ug/L	0.003	5	38	526	3	Standard
	Ba	137	0.052	ug/L	0.003	6	69	932	4	Standard
>	Tb	159		ug/L			3033563	3063810	0	Standard
	Tl	205	0.001	ug/L	0.000	18	71	163	11	Standard
	Pb	208	0.003	ug/L	0.000	4	536	982	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-22
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:18:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1273637	0	Standard
	Be	9	0.001	ug/L	0.000	43	10	15	12	Standard
	C	13		ug/L			23319	52620	0	Standard
	Cl	37		ug/L			7703668	6833297	0	Standard
>	Sc	45		ug/L			1469921	1497230	1	Standard
	Al	27	46.823	ug/L	0.405	0	3506	1433480	1	Standard
	V	51	0.094	ug/L	0.004	4	6451	9995	1	Standard
	V-1	51	0.114	ug/L	0.002	1	292	4468	0	Standard
	Cr	52	0.112	ug/L	0.014	12	18849	22739	2	Standard
	Cr	53	0.177	ug/L	0.006	3	160	801	1	Standard
	Mn	55	0.693	ug/L	0.013	1	1532	35627	1	Standard
>	Ge	72		ug/L			100573	97871	0	KED
	Ni	60	0.577	ug/L	0.008	1	23	1027	1	KED
	Ni	62	0.576	ug/L	0.109	18	6	171	18	KED
	Cu	63	0.386	ug/L	0.011	2	98	2050	2	KED
	Cu	65	0.379	ug/L	0.031	8	45	987	8	KED
	Zn	66	1.079	ug/L	0.041	3	73	891	3	KED
	Zn	67	1.157	ug/L	0.183	15	12	156	14	KED
	As	75	0.036	ug/L	0.002	5	4	17	4	KED
	Se	78	-0.016	ug/L	0.094	591	13	12	30	KED
	Y	89		ug/L			804838	808928	1	Standard
	Kr	83		ug/L			330	324	5	Standard
>	In-1	115		ug/L			28284	26698	2	KED
	Mo	98	0.558	ug/L	0.004	0	7	1024	3	KED
	Cd	111	0.020	ug/L	0.007	34	3	11	26	KED
	Cd	114	0.022	ug/L	0.004	20	3	26	18	KED
>	In	115		ug/L			1438888	1630379	0	Standard
	Ag	107	0.001	ug/L	0.001	110	55	84	28	Standard
	Sb	121	0.052	ug/L	0.002	3	380	1780	3	Standard
	Sb	123	0.052	ug/L	0.001	1	357	1424	1	Standard
	Ba	135	3.398	ug/L	0.037	1	38	32728	1	Standard
	Ba	137	3.344	ug/L	0.039	1	69	56098	0	Standard
>	Tb	159		ug/L			3033563	3090471	0	Standard
	Tl	205	0.004	ug/L	0.000	3	71	516	3	Standard
	Pb	208	0.004	ug/L	0.000	5	536	1052	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:23:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1147976	3	Standard
	Be	9	0.223	ug/L	0.013	5	10	1674	7	Standard
	C	13		ug/L			23319	52031	0	Standard
	Cl	37		ug/L			7703668	6511128	0	Standard
>	Sc	45		ug/L			1469921	1475943	0	Standard
	Al	27	1733.837	ug/L	16.278	0	3506	52196289	0	Standard
	V	51	-0.024	ug/L	0.002	10	6451	5631	1	Standard
	V-1	51	0.017	ug/L	0.000	0	292	918	0	Standard
	Cr	52	0.019	ug/L	0.010	52	18849	19516	0	Standard
	Cr	53	0.151	ug/L	0.010	6	160	698	4	Standard
	Mn	55	4986.362	ug/L	65.139	1	1532	241528246	0	Standard
>	Ge	72		ug/L			100573	88586	0	KED
	Ni	60	39.708	ug/L	0.600	1	23	62590	1	KED
	Ni	62	40.129	ug/L	1.353	3	6	10428	2	KED
	Cu	63	35.749	ug/L	0.213	0	98	164061	0	KED
	Cu	65	35.851	ug/L	0.302	0	45	80817	0	KED
	Zn	66	520.046	ug/L	3.509	0	73	357577	0	KED
	Zn	67	484.189	ug/L	10.526	2	12	54716	1	KED
	As	75	0.061	ug/L	0.009	14	4	24	11	KED
	Se	78	0.247	ug/L	0.133	53	13	21	22	KED
	Y	89		ug/L			804838	1042500	1	Standard
	Kr	83		ug/L			330	363	5	Standard
>	In-1	115		ug/L			28284	24495	0	KED
	Mo	98	0.011	ug/L	0.005	45	7	25	34	KED
	Cd	111	7.453	ug/L	0.058	0	3	2839	1	KED
	Cd	114	7.501	ug/L	0.173	2	3	7390	1	KED
>	In	115		ug/L			1438888	1516260	1	Standard
	Ag	107	0.005	ug/L	0.001	17	55	158	10	Standard
	Sb	121	0.015	ug/L	0.002	11	380	770	7	Standard
	Sb	123	0.009	ug/L	0.002	18	357	540	7	Standard
	Ba	135	13.330	ug/L	0.144	1	38	119290	2	Standard
	Ba	137	13.005	ug/L	0.193	1	69	202679	1	Standard
>	Tb	159		ug/L			3033563	2983599	0	Standard
	Tl	205	0.131	ug/L	0.002	1	71	13811	0	Standard
	Pb	208	0.056	ug/L	0.002	3	536	8279	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-24
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:27:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1194708	1	Standard
	Be	9	0.026	ug/L	0.002	8	10	215	8	Standard
	C	13		ug/L			23319	50688	0	Standard
	Cl	37		ug/L			7703668	6694706	0	Standard
>	Sc	45		ug/L			1469921	1483484	0	Standard
	Al	27	73.733	ug/L	1.349	1	3506	2234502	1	Standard
	V	51	0.061	ug/L	0.002	2	6451	8693	0	Standard
	V-1	51	0.105	ug/L	0.002	1	292	4076	1	Standard
	Cr	52	0.150	ug/L	0.008	5	18849	23717	1	Standard
	Cr	53	0.291	ug/L	0.007	2	160	1203	1	Standard
	Mn	55	697.544	ug/L	12.972	1	1532	33964953	2	Standard
>	Ge	72		ug/L			100573	88553	0	KED
	Ni	60	3.743	ug/L	0.155	4	23	5915	3	KED
	Ni	62	3.603	ug/L	0.182	5	6	940	4	KED
	Cu	63	0.599	ug/L	0.016	2	98	2833	3	KED
	Cu	65	0.641	ug/L	0.021	3	45	1483	3	KED
	Zn	66	17.139	ug/L	0.226	1	73	11842	0	KED
	Zn	67	17.726	ug/L	0.885	4	12	2012	4	KED
	As	75	0.030	ug/L	0.008	25	4	14	18	KED
	Se	78	0.071	ug/L	0.055	77	13	14	14	KED
	Y	89		ug/L			804838	789832	0	Standard
	Kr	83		ug/L			330	322	2	Standard
>	In-1	115		ug/L			28284	24922	0	KED
	Mo	98	0.028	ug/L	0.005	16	7	55	15	KED
	Cd	111	2.261	ug/L	0.075	3	3	879	4	KED
	Cd	114	2.259	ug/L	0.063	2	3	2266	3	KED
>	In	115		ug/L			1438888	1580750	1	Standard
	Ag	107	0.000	ug/L	0.000	516	55	62	18	Standard
	Sb	121	0.021	ug/L	0.001	5	380	941	1	Standard
	Sb	123	0.019	ug/L	0.000	2	357	759	1	Standard
	Ba	135	22.813	ug/L	0.232	1	38	212767	0	Standard
	Ba	137	22.327	ug/L	0.105	0	69	362720	0	Standard
>	Tb	159		ug/L			3033563	3000264	0	Standard
	Tl	205	0.010	ug/L	0.000	2	71	1151	2	Standard
	Pb	208	0.003	ug/L	0.000	11	536	921	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-25
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:32:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1218474	2	Standard
	Be	**9**	**0.003**	ug/L	0.000	16	10	32	10	Standard
	C	**13**		ug/L			23319	49786	0	Standard
	Cl	**37**		ug/L			7703668	6852158	0	Standard
>	**Sc**	**45**		ug/L			1469921	1492566	0	Standard
	Al	**27**	**3.326**	ug/L	0.083	2	3506	104809	1	Standard
	V	**51**	**0.165**	ug/L	0.002	1	6451	12512	0	Standard
	V-1	**51**	**0.208**	ug/L	0.003	1	292	7880	1	Standard
	Cr	**52**	**0.134**	ug/L	0.006	4	18849	23345	1	Standard
	Cr	**53**	**0.276**	ug/L	0.017	6	160	1156	5	Standard
	Mn	**55**	**40.203**	ug/L	0.370	0	1532	1970988	1	Standard
>	**Ge**	**72**		ug/L			100573	88547	0	KED
	Ni	**60**	**2.912**	ug/L	0.029	0	23	4607	1	KED
	Ni	**62**	**3.028**	ug/L	0.121	3	6	791	3	KED
	Cu	**63**	**0.124**	ug/L	0.006	4	98	657	4	KED
	Cu	**65**	**0.133**	ug/L	0.010	7	45	339	6	KED
	Zn	**66**	**1.440**	ug/L	0.091	6	73	1054	5	KED
	Zn	**67**	**2.120**	ug/L	0.229	10	12	250	10	KED
	As	**75**	**0.013**	ug/L	0.005	37	4	8	18	KED
	Se	**78**	**0.077**	ug/L	0.040	51	13	14	10	KED
	Y	**89**		ug/L			804838	758370	0	Standard
	Kr	**83**		ug/L			330	304	8	Standard
>	**In-1**	**115**		ug/L			28284	24613	0	KED
	Mo	**98**	**0.054**	ug/L	0.014	26	7	97	23	KED
	Cd	**111**	**0.682**	ug/L	0.017	2	3	264	1	KED
	Cd	**114**	**0.667**	ug/L	0.009	1	3	662	1	KED
>	**In**	**115**		ug/L			1438888	1564096	1	Standard
	Ag	**107**	**-0.000**	ug/L	0.000	887	55	59	16	Standard
	Sb	**121**	**0.051**	ug/L	0.002	4	380	1694	1	Standard
	Sb	**123**	**0.052**	ug/L	0.003	6	357	1352	3	Standard
	Ba	**135**	**9.717**	ug/L	0.122	1	38	89692	1	Standard
	Ba	**137**	**9.534**	ug/L	0.206	2	69	153275	0	Standard
>	**Tb**	**159**		ug/L			3033563	3009316	0	Standard
	Tl	**205**	**0.003**	ug/L	0.000	9	71	417	7	Standard
	Pb	**208**	**0.004**	ug/L	0.000	2	536	1019	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-26
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:36:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1134368	0	Standard
[	Be	9	0.117	ug/L	0.003	2	10	873	2	Standard
	C	13		ug/L			23319	51497	0	Standard
	Cl	37		ug/L			7703668	6474333	0	Standard
[>	Sc	45		ug/L			1469921	1426779	1	Standard
[	Al	27	2839.738	ug/L	2.773	0	3506	82641614	1	Standard
[	V	51	-0.034	ug/L	0.001	4	6451	5072	2	Standard
[	V-1	51	0.009	ug/L	0.001	6	292	592	5	Standard
[	Cr	52	0.002	ug/L	0.005	205	18849	18368	1	Standard
[	Cr	53	0.142	ug/L	0.003	2	160	642	1	Standard
[	Mn	55	1540.822	ug/L	9.794	0	1532	72149778	0	Standard
[>	Ge	72		ug/L			100573	85666	0	KED
[	Ni	60	17.764	ug/L	0.263	1	23	27091	1	KED
[	Ni	62	17.727	ug/L	0.382	2	6	4458	2	KED
[	Cu	63	27.503	ug/L	0.156	0	98	122078	0	KED
[	Cu	65	27.726	ug/L	0.302	1	45	60448	0	KED
[	Zn	66	206.252	ug/L	1.792	0	73	137187	1	KED
[	Zn	67	192.712	ug/L	4.504	2	12	21068	2	KED
[	As	75	0.038	ug/L	0.008	20	4	16	14	KED
[	Se	78	0.069	ug/L	0.061	88	13	14	15	KED
	Y	89		ug/L			804838	857719	2	Standard
	Kr	83		ug/L			330	326	6	Standard
[>	In-1	115		ug/L			28284	23575	2	KED
[	Mo	98	-0.000	ug/L	0.002	2444	7	6	42	KED
[	Cd	111	2.210	ug/L	0.102	4	3	812	2	KED
[	Cd	114	2.141	ug/L	0.092	4	3	2033	6	KED
[>	In	115		ug/L			1438888	1508626	3	Standard
[	Ag	107	0.002	ug/L	0.001	38	55	92	17	Standard
[	Sb	121	-0.002	ug/L	0.001	76	380	355	6	Standard
[	Sb	123	-0.007	ug/L	0.000	4	357	255	1	Standard
[	Ba	135	8.070	ug/L	0.184	2	38	71835	1	Standard
[	Ba	137	7.961	ug/L	0.101	1	69	123460	2	Standard
[>	Tb	159		ug/L			3033563	2975102	1	Standard
[	Tl	205	0.098	ug/L	0.002	2	71	10305	2	Standard
[	Pb	208	0.080	ug/L	0.001	1	536	11446	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-27
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:41:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1150468	2	Standard
[	Be	9	0.102	ug/L	0.007	7	10	771	7	Standard
	C	13		ug/L			23319	48893	1	Standard
	Cl	37		ug/L			7703668	6563550	0	Standard
[>	Sc	45		ug/L			1469921	1432250	0	Standard
[	Al	27	1162.879	ug/L	18.497	1	3506	33971593	0	Standard
[	V	51	-0.031	ug/L	0.001	3	6451	5209	0	Standard
[	V-1	51	0.015	ug/L	0.001	5	292	815	3	Standard
[	Cr	52	-0.003	ug/L	0.006	185	18849	18276	0	Standard
[	Cr	53	0.146	ug/L	0.002	1	160	660	0	Standard
[	Mn	55	941.023	ug/L	12.630	1	1532	44234730	1	Standard
[>	Ge	72		ug/L			100573	86125	0	KED
[	Ni	60	12.275	ug/L	0.034	0	23	18827	0	KED
[	Ni	62	12.235	ug/L	0.318	2	6	3095	2	KED
[	Cu	63	14.125	ug/L	0.188	1	98	63076	1	KED
[	Cu	65	14.273	ug/L	0.140	0	45	31305	0	KED
[	Zn	66	232.983	ug/L	1.293	0	73	155783	0	KED
[	Zn	67	217.086	ug/L	2.710	1	12	23857	0	KED
[	As	75	0.050	ug/L	0.005	9	4	20	7	KED
[	Se	78	0.133	ug/L	0.026	19	13	16	5	KED
	Y	89		ug/L			804838	948007	0	Standard
	Kr	83		ug/L			330	336	10	Standard
[>	In-1	115		ug/L			28284	24261	0	KED
[	Mo	98	0.009	ug/L	0.009	94	7	21	65	KED
[	Cd	111	2.718	ug/L	0.013	0	3	1027	0	KED
[	Cd	114	2.739	ug/L	0.071	2	3	2675	2	KED
[>	In	115		ug/L			1438888	1533857	1	Standard
[	Ag	107	0.003	ug/L	0.001	38	55	124	20	Standard
[	Sb	121	0.034	ug/L	0.003	9	380	1241	6	Standard
[	Sb	123	0.038	ug/L	0.007	18	357	1077	10	Standard
[	Ba	135	8.167	ug/L	0.087	1	38	73934	0	Standard
[	Ba	137	7.967	ug/L	0.081	1	69	125642	0	Standard
[>	Tb	159		ug/L			3033563	2925611	0	Standard
[	Tl	205	0.058	ug/L	0.001	2	71	6031	2	Standard
[	Pb	208	0.018	ug/L	0.001	2	536	2942	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-28
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:46:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1234286	0	Standard
	Be	9	0.000	ug/L	0.001	219	10	13	55	Standard
	C	13		ug/L			23319	48107	0	Standard
	Cl	37		ug/L			7703668	6919386	0	Standard
>	Sc	45		ug/L			1469921	1469521	1	Standard
	Al	27	3.208	ug/L	0.052	1	3506	99638	1	Standard
	V	51	0.424	ug/L	0.013	3	6451	21587	0	Standard
	V-1	51	0.469	ug/L	0.009	1	292	17103	0	Standard
	Cr	52	0.177	ug/L	0.009	5	18849	24307	0	Standard
	Cr	53	0.325	ug/L	0.005	1	160	1312	2	Standard
	Mn	55	1.085	ug/L	0.012	1	1532	53881	0	Standard
>	Ge	72		ug/L			100573	86500	1	KED
	Ni	60	0.556	ug/L	0.025	4	23	875	3	KED
	Ni	62	0.582	ug/L	0.059	10	6	153	8	KED
	Cu	63	0.144	ug/L	0.008	5	98	731	3	KED
	Cu	65	0.157	ug/L	0.016	9	45	384	7	KED
	Zn	66	1.446	ug/L	0.019	1	73	1033	1	KED
	Zn	67	2.139	ug/L	0.078	3	12	246	3	KED
	As	75	0.024	ug/L	0.006	25	4	11	16	KED
	Se	78	0.120	ug/L	0.108	90	13	16	23	KED
	Y	89		ug/L			804838	769356	0	Standard
	Kr	83		ug/L			330	303	10	Standard
>	In-1	115		ug/L			28284	24337	0	KED
	Mo	98	0.341	ug/L	0.030	8	7	574	9	KED
	Cd	111	0.178	ug/L	0.014	7	3	70	7	KED
	Cd	114	0.199	ug/L	0.021	10	3	197	9	KED
>	In	115		ug/L			1438888	1574628	1	Standard
	Ag	107	-0.000	ug/L	0.001	176	55	53	21	Standard
	Sb	121	0.020	ug/L	0.002	10	380	925	5	Standard
	Sb	123	0.018	ug/L	0.000	1	357	736	1	Standard
	Ba	135	10.526	ug/L	0.056	0	38	97818	1	Standard
	Ba	137	10.412	ug/L	0.177	1	69	168516	0	Standard
>	Tb	159		ug/L			3033563	2958603	0	Standard
	Tl	205	0.002	ug/L	0.000	9	71	246	7	Standard
	Pb	208	0.010	ug/L	0.000	2	536	1847	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-29
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 02:52:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1276454	0	Standard
	Be	9	-0.000	ug/L	0.000	155	10	8	48	Standard
	C	13		ug/L			23319	48735	0	Standard
	Cl	37		ug/L			7703668	7188537	0	Standard
>	Sc	45		ug/L			1469921	1496975	2	Standard
	Al	27	3.349	ug/L	0.033	0	3506	105818	2	Standard
	V	51	0.107	ug/L	0.003	2	6451	10460	3	Standard
	V-1	51	0.163	ug/L	0.004	2	292	6242	2	Standard
	Cr	52	0.148	ug/L	0.014	9	18849	23843	1	Standard
	Cr	53	0.328	ug/L	0.024	7	160	1345	4	Standard
	Mn	55	2.239	ug/L	0.036	1	1532	111544	1	Standard
>	Ge	72		ug/L			100573	89667	1	KED
	Ni	60	0.573	ug/L	0.024	4	23	935	3	KED
	Ni	62	0.661	ug/L	0.074	11	6	179	12	KED
	Cu	63	0.276	ug/L	0.007	2	98	1370	1	KED
	Cu	65	0.275	ug/L	0.015	5	45	667	5	KED
	Zn	66	0.949	ug/L	0.035	3	73	725	1	KED
	Zn	67	1.687	ug/L	0.088	5	12	203	6	KED
	As	75	0.113	ug/L	0.019	16	4	41	14	KED
	Se	78	1.187	ug/L	0.057	4	13	57	5	KED
	Y	89		ug/L			804838	781991	2	Standard
	Kr	83		ug/L			330	321	7	Standard
>	In-1	115		ug/L			28284	25159	1	KED
	Mo	98	1.280	ug/L	0.045	3	7	2206	2	KED
	Cd	111	0.012	ug/L	0.005	42	3	8	24	KED
	Cd	114	0.011	ug/L	0.002	21	3	13	17	KED
>	In	115		ug/L			1438888	1610754	1	Standard
	Ag	107	0.000	ug/L	0.000	172	55	66	12	Standard
	Sb	121	0.051	ug/L	0.003	6	380	1736	4	Standard
	Sb	123	0.052	ug/L	0.003	6	357	1390	4	Standard
	Ba	135	9.750	ug/L	0.126	1	38	92676	0	Standard
	Ba	137	9.500	ug/L	0.196	2	69	157299	1	Standard
>	Tb	159		ug/L			3033563	2990979	0	Standard
	Tl	205	0.002	ug/L	0.000	2	71	264	2	Standard
	Pb	208	0.004	ug/L	0.000	13	536	1036	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:00:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1265389	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	36	10	2	114	Standard
	C	**13**		ug/L			23319	23005	2	Standard
	Cl	**37**		ug/L			7703668	7776622	0	Standard
>	**Sc**	**45**		ug/L			1469921	1373879	0	Standard
	Al	**27**	**0.019**	ug/L	0.006	30	3506	3823	4	Standard
	V	**51**	**-0.038**	ug/L	0.000	1	6451	4751	0	Standard
	V-1	**51**	**-0.003**	ug/L	0.000	13	292	179	6	Standard
	Cr	**52**	**-0.120**	ug/L	0.001	0	18849	14143	0	Standard
	Cr	**53**	**-0.004**	ug/L	0.001	33	160	136	3	Standard
	Mn	**55**	**0.142**	ug/L	0.001	0	1532	7839	0	Standard
>	**Ge**	**72**		ug/L			100573	88232	1	KED
	Ni	**60**	**0.231**	ug/L	0.014	6	23	383	4	KED
	Ni	**62**	**0.187**	ug/L	0.040	21	6	53	18	KED
	Cu	**63**	**-0.004**	ug/L	0.003	77	98	67	22	KED
	Cu	**65**	**-0.005**	ug/L	0.005	105	45	29	35	KED
	Zn	**66**	**0.061**	ug/L	0.007	10	73	106	3	KED
	Zn	**67**	**0.041**	ug/L	0.017	40	12	15	12	KED
	As	**75**	**0.007**	ug/L	0.002	27	4	6	11	KED
	Se	**78**	**-0.066**	ug/L	0.086	129	13	9	32	KED
	Y	**89**		ug/L			804838	764192	1	Standard
	Kr	**83**		ug/L			330	332	2	Standard
>	**In-1**	**115**		ug/L			28284	24841	2	KED
	Mo	**98**	**-0.004**	ug/L	0.000	12	7	0	225	KED
	Cd	**111**	**-0.005**	ug/L	0.004	85	3	1	91	KED
	Cd	**114**	**-0.000**	ug/L	0.004	1296	3	2	180	KED
>	**In**	**115**		ug/L			1438888	1552546	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	71	55	47	18	Standard
	Sb	**121**	**-0.012**	ug/L	0.000	2	380	111	8	Standard
	Sb	**123**	**-0.015**	ug/L	0.001	6	357	99	20	Standard
	Ba	**135**	**0.010**	ug/L	0.002	17	38	133	11	Standard
	Ba	**137**	**0.007**	ug/L	0.001	10	69	189	6	Standard
>	**Tb**	**159**		ug/L			3033563	2880582	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	27	71	47	12	Standard
	Pb	**208**	**-0.000**	ug/L	0.000	989	536	508	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:05:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1258580	0	Standard
	Be	**9**	**47.746**	ug/L	0.602	1	10	391127	1	Standard
	C	**13**		ug/L			23319	23595	2	Standard
	Cl	**37**		ug/L			7703668	7702820	0	Standard
>	**Sc**	**45**		ug/L			1469921	1387876	1	Standard
	Al	**27**	**4786.978**	ug/L	73.046	1	3506	135493674	1	Standard
	V	**51**	**45.173**	ug/L	0.404	0	6451	1528306	1	Standard
	V-1	**51**	**45.711**	ug/L	0.373	0	292	1547773	1	Standard
	Cr	**52**	**45.439**	ug/L	0.394	0	18849	1343757	2	Standard
	Cr	**53**	**47.174**	ug/L	0.337	0	160	158070	1	Standard
	Mn	**55**	**50.159**	ug/L	0.143	0	1532	2286321	2	Standard
>	**Ge**	**72**		ug/L			100573	90078	1	KED
	Ni	**60**	**48.867**	ug/L	0.465	0	23	78316	0	KED
	Ni	**62**	**48.654**	ug/L	1.981	4	6	12853	3	KED
	Cu	**63**	**49.086**	ug/L	0.622	1	98	229008	0	KED
	Cu	**65**	**49.571**	ug/L	0.275	0	45	113610	1	KED
	Zn	**66**	**49.777**	ug/L	0.221	0	73	34861	1	KED
	Zn	**67**	**49.256**	ug/L	1.057	2	12	5670	2	KED
	As	**75**	**47.603**	ug/L	0.150	0	4	16019	1	KED
	Se	**78**	**48.345**	ug/L	0.344	0	13	1845	0	KED
	Y	**89**		ug/L			804838	775050	1	Standard
	Kr	**83**		ug/L			330	328	5	Standard
>	**In-1**	**115**		ug/L			28284	24601	0	KED
	Mo	**98**	**49.529**	ug/L	0.581	1	7	83215	1	KED
	Cd	**111**	**50.700**	ug/L	1.265	2	3	19382	2	KED
	Cd	**114**	**51.308**	ug/L	0.369	0	3	50758	0	KED
>	**In**	**115**		ug/L			1438888	1531538	2	Standard
	Ag	**107**	**48.421**	ug/L	0.634	1	55	1062718	2	Standard
	Sb	**121**	**49.859**	ug/L	0.835	1	380	1216216	0	Standard
	Sb	**123**	**52.170**	ug/L	0.449	0	357	953545	1	Standard
	Ba	**135**	**42.053**	ug/L	0.395	0	38	379945	1	Standard
	Ba	**137**	**41.443**	ug/L	0.695	1	69	652133	0	Standard
>	**Tb**	**159**		ug/L			3033563	2996469	0	Standard
	Tl	**205**	**51.715**	ug/L	0.808	1	71	5446761	1	Standard
	Pb	**208**	**49.194**	ug/L	0.321	0	536	6788024	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:12:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1264671	0	Standard
	Be	**9**	**-0.001**	ug/L	0.000	25	10	6	17	Standard
	C	**13**		ug/L			23319	22420	1	Standard
	Cl	**37**		ug/L			7703668	7718818	0	Standard
>	**Sc**	**45**		ug/L			1469921	1368990	0	Standard
	Al	**27**	**0.035**	ug/L	0.004	10	3506	4255	2	Standard
	V	**51**	**-0.040**	ug/L	0.002	6	6451	4690	1	Standard
	V-1	**51**	**-0.004**	ug/L	0.000	8	292	140	8	Standard
	Cr	**52**	**-0.126**	ug/L	0.005	3	18849	13931	1	Standard
	Cr	**53**	**-0.009**	ug/L	0.006	61	160	119	15	Standard
	Mn	**55**	**0.117**	ug/L	0.001	0	1532	6665	0	Standard
>	**Ge**	**72**		ug/L			100573	89968	1	KED
	Ni	**60**	**0.159**	ug/L	0.009	5	23	274	3	KED
	Ni	**62**	**0.186**	ug/L	0.049	26	6	54	22	KED
	Cu	**63**	**0.001**	ug/L	0.004	313	98	93	20	KED
	Cu	**65**	**0.002**	ug/L	0.006	301	45	45	31	KED
	Zn	**66**	**0.028**	ug/L	0.029	100	73	85	23	KED
	Zn	**67**	**0.055**	ug/L	0.018	33	12	17	11	KED
	As	**75**	**0.006**	ug/L	0.004	63	4	6	20	KED
	Se	**78**	**-0.021**	ug/L	0.019	87	13	11	7	KED
	Y	**89**		ug/L			804838	760486	2	Standard
	Kr	**83**		ug/L			330	330	5	Standard
>	**In-1**	**115**		ug/L			28284	25240	1	KED
	Mo	**98**	**0.006**	ug/L	0.001	17	7	18	12	KED
	Cd	**111**	**-0.002**	ug/L	0.001	64	3	2	21	KED
	Cd	**114**	**0.003**	ug/L	0.005	179	3	5	91	KED
>	**In**	**115**		ug/L			1438888	1537228	1	Standard
	Ag	**107**	**0.001**	ug/L	0.000	6	55	76	2	Standard
	Sb	**121**	**0.046**	ug/L	0.006	12	380	1540	7	Standard
	Sb	**123**	**0.043**	ug/L	0.005	10	357	1173	5	Standard
	Ba	**135**	**0.010**	ug/L	0.000	2	38	129	2	Standard
	Ba	**137**	**0.009**	ug/L	0.000	4	69	211	2	Standard
>	**Tb**	**159**		ug/L			3033563	2902699	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	7	71	321	5	Standard
	Pb	**208**	**0.001**	ug/L	0.000	15	536	626	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-30
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:17:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1241416	1	Standard
	Be	9	0.000	ug/L	0.001	244	10	13	51	Standard
	C	13		ug/L			23319	48622	1	Standard
	Cl	37		ug/L			7703668	7242099	0	Standard
>	Sc	45		ug/L			1469921	1456134	0	Standard
	Al	27	5.271	ug/L	0.058	1	3506	160030	1	Standard
	V	51	0.232	ug/L	0.004	1	6451	14605	0	Standard
	V-1	51	0.271	ug/L	0.006	2	292	9931	1	Standard
	Cr	52	-0.015	ug/L	0.006	37	18849	18215	0	Standard
	Cr	53	0.115	ug/L	0.008	7	160	563	5	Standard
	Mn	55	0.204	ug/L	0.003	1	1532	11290	0	Standard
>	Ge	72		ug/L			100573	89397	0	KED
	Ni	60	0.311	ug/L	0.031	10	23	515	9	KED
	Ni	62	0.339	ug/L	0.023	6	6	94	7	KED
	Cu	63	0.377	ug/L	0.019	4	98	1830	5	KED
	Cu	65	0.385	ug/L	0.015	3	45	915	3	KED
	Zn	66	0.273	ug/L	0.019	6	73	254	4	KED
	Zn	67	0.775	ug/L	0.149	19	12	99	17	KED
	As	75	0.241	ug/L	0.011	4	4	84	5	KED
	Se	78	0.536	ug/L	0.112	20	13	32	13	KED
	Y	89		ug/L			804838	752159	0	Standard
	Kr	83		ug/L			330	317	8	Standard
>	In-1	115		ug/L			28284	24617	0	KED
	Mo	98	1.692	ug/L	0.060	3	7	2851	3	KED
	Cd	111	0.021	ug/L	0.007	34	3	11	25	KED
	Cd	114	0.019	ug/L	0.003	16	3	21	14	KED
>	In	115		ug/L			1438888	1529586	1	Standard
	Ag	107	-0.000	ug/L	0.000	311	55	55	18	Standard
	Sb	121	0.057	ug/L	0.001	1	380	1782	2	Standard
	Sb	123	0.058	ug/L	0.003	5	357	1435	2	Standard
	Ba	135	7.985	ug/L	0.144	1	38	72082	0	Standard
	Ba	137	7.863	ug/L	0.111	1	69	123638	0	Standard
>	Tb	159		ug/L			3033563	2922888	1	Standard
	Tl	205	0.002	ug/L	0.000	13	71	303	11	Standard
	Pb	208	0.004	ug/L	0.000	5	536	996	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-31
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:21:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1242622	1	Standard
	Be	9	0.000	ug/L	0.001	1363	10	10	36	Standard
	C	13		ug/L			23319	46730	1	Standard
	Cl	37		ug/L			7703668	7248501	0	Standard
>	Sc	45		ug/L			1469921	1455906	0	Standard
	Al	27	3.243	ug/L	0.041	1	3506	99779	1	Standard
	V	51	0.274	ug/L	0.002	0	6451	16092	0	Standard
	V-1	51	0.320	ug/L	0.002	0	292	11654	1	Standard
	Cr	52	0.039	ug/L	0.008	20	18849	19854	0	Standard
	Cr	53	0.189	ug/L	0.005	2	160	824	1	Standard
	Mn	55	0.216	ug/L	0.005	2	1532	11840	1	Standard
>	Ge	72		ug/L			100573	87128	1	KED
	Ni	60	0.306	ug/L	0.022	7	23	493	5	KED
	Ni	62	0.361	ug/L	0.040	11	6	97	9	KED
	Cu	63	0.224	ug/L	0.004	1	98	1095	0	KED
	Cu	65	0.217	ug/L	0.012	5	45	520	6	KED
	Zn	66	0.303	ug/L	0.039	12	73	268	8	KED
	Zn	67	0.809	ug/L	0.085	10	12	100	8	KED
	As	75	0.213	ug/L	0.013	6	4	73	7	KED
	Se	78	0.779	ug/L	0.194	24	13	40	16	KED
	Y	89		ug/L			804838	751614	0	Standard
	Kr	83		ug/L			330	339	6	Standard
>	In-1	115		ug/L			28284	24509	1	KED
	Mo	98	1.350	ug/L	0.006	0	7	2265	2	KED
	Cd	111	0.030	ug/L	0.015	49	3	14	39	KED
	Cd	114	0.035	ug/L	0.010	28	3	37	25	KED
>	In	115		ug/L			1438888	1543042	1	Standard
	Ag	107	0.001	ug/L	0.000	47	55	77	12	Standard
	Sb	121	0.059	ug/L	0.004	6	380	1846	3	Standard
	Sb	123	0.058	ug/L	0.003	4	357	1447	4	Standard
	Ba	135	7.294	ug/L	0.046	0	38	66433	1	Standard
	Ba	137	7.080	ug/L	0.180	2	69	112296	1	Standard
>	Tb	159		ug/L			3033563	2900397	0	Standard
	Tl	205	0.002	ug/L	0.000	5	71	285	4	Standard
	Pb	208	0.004	ug/L	0.000	6	536	1034	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-32
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:26:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1247515	0	Standard
	Be	9	-0.001	ug/L	0.000	68	10	6	45	Standard
	C	13		ug/L			23319	48015	1	Standard
	Cl	37		ug/L			7703668	7441437	0	Standard
>	Sc	45		ug/L			1469921	1478312	0	Standard
	Al	27	3.100	ug/L	0.059	1	3506	96994	1	Standard
	V	51	1.115	ug/L	0.019	1	6451	46523	1	Standard
	V-1	51	1.228	ug/L	0.019	1	292	44593	1	Standard
	Cr	52	0.240	ug/L	0.008	3	18849	26423	1	Standard
	Cr	53	0.619	ug/L	0.015	2	160	2368	1	Standard
	Mn	55	2.017	ug/L	0.024	1	1532	99401	1	Standard
>	Ge	72		ug/L			100573	86409	0	KED
	Ni	60	0.661	ug/L	0.019	2	23	1036	3	KED
	Ni	62	0.693	ug/L	0.092	13	6	180	12	KED
	Cu	63	0.134	ug/L	0.002	1	98	683	1	KED
	Cu	65	0.149	ug/L	0.009	6	45	365	5	KED
	Zn	66	0.829	ug/L	0.059	7	73	619	6	KED
	Zn	67	1.208	ug/L	0.277	22	12	143	21	KED
	As	75	0.354	ug/L	0.004	1	4	118	1	KED
	Se	78	0.619	ug/L	0.125	20	13	34	12	KED
	Y	89		ug/L			804838	768691	1	Standard
	Kr	83		ug/L			330	337	12	Standard
>	In-1	115		ug/L			28284	23764	0	KED
	Mo	98	1.539	ug/L	0.007	0	7	2504	0	KED
	Cd	111	0.040	ug/L	0.013	32	3	18	26	KED
	Cd	114	0.038	ug/L	0.004	9	3	39	8	KED
>	In	115		ug/L			1438888	1536103	0	Standard
	Ag	107	0.001	ug/L	0.000	35	55	82	9	Standard
	Sb	121	0.032	ug/L	0.000	0	380	1184	1	Standard
	Sb	123	0.030	ug/L	0.002	6	357	939	3	Standard
	Ba	135	7.170	ug/L	0.136	1	38	65010	1	Standard
	Ba	137	6.976	ug/L	0.075	1	69	110180	0	Standard
>	Tb	159		ug/L			3033563	2906554	0	Standard
	Tl	205	0.001	ug/L	0.000	30	71	123	13	Standard
	Pb	208	0.008	ug/L	0.000	5	536	1541	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-33
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:30:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1276184	1	Standard
[	Be	9	0.056	ug/L	0.001	1	10	478	0	Standard
	C	13		ug/L			23319	49726	0	Standard
	Cl	37		ug/L			7703668	7091194	0	Standard
[>	Sc	45		ug/L			1469921	1481293	2	Standard
[	Al	27	736.641	ug/L	13.863	1	3506	22252250	1	Standard
[	V	51	-0.035	ug/L	0.004	9	6451	5223	1	Standard
[	V-1	51	0.016	ug/L	0.000	0	292	873	2	Standard
[	Cr	52	-0.059	ug/L	0.018	30	18849	17152	2	Standard
[	Cr	53	0.108	ug/L	0.006	5	160	547	2	Standard
[	Mn	55	49.264	ug/L	0.759	1	1532	2395942	1	Standard
[>	Ge	72		ug/L			100573	84616	1	KED
[	Ni	60	3.035	ug/L	0.111	3	23	4586	2	KED
[	Ni	62	3.020	ug/L	0.120	3	6	754	2	KED
[	Cu	63	15.583	ug/L	0.240	1	98	68367	3	KED
[	Cu	65	15.580	ug/L	0.331	2	45	33564	1	KED
[	Zn	66	82.446	ug/L	1.192	1	73	54192	0	KED
[	Zn	67	78.457	ug/L	1.957	2	12	8475	0	KED
[	As	75	0.021	ug/L	0.002	10	4	10	4	KED
[	Se	78	-0.033	ug/L	0.066	197	13	10	23	KED
	Y	89		ug/L			804838	780399	2	Standard
	Kr	83		ug/L			330	352	3	Standard
[>	In-1	115		ug/L			28284	23724	0	KED
[	Mo	98	0.006	ug/L	0.001	23	7	15	14	KED
[	Cd	111	0.675	ug/L	0.089	13	3	251	12	KED
[	Cd	114	0.724	ug/L	0.061	8	3	693	7	KED
[>	In	115		ug/L			1438888	1558989	4	Standard
[	Ag	107	0.001	ug/L	0.001	74	55	81	21	Standard
[	Sb	121	-0.001	ug/L	0.001	178	380	398	5	Standard
[	Sb	123	-0.004	ug/L	0.000	13	357	319	7	Standard
[	Ba	135	14.774	ug/L	0.164	1	38	135877	3	Standard
[	Ba	137	14.487	ug/L	0.311	2	69	232005	2	Standard
[>	Tb	159		ug/L			3033563	2944915	0	Standard
[	Tl	205	0.010	ug/L	0.001	10	71	1124	9	Standard
[	Pb	208	0.007	ug/L	0.000	4	536	1433	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-34
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:35:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1199993	1	Standard
	Be	9	0.001	ug/L	0.001	101	10	15	36	Standard
	C	13		ug/L			23319	51123	0	Standard
	Cl	37		ug/L			7703668	6849030	0	Standard
>	Sc	45		ug/L			1469921	1408950	0	Standard
	Al	27	10.478	ug/L	0.154	1	3506	304448	1	Standard
	V	51	-0.019	ug/L	0.002	9	6451	5532	0	Standard
	V-1	51	0.023	ug/L	0.001	4	292	1062	3	Standard
	Cr	52	-0.079	ug/L	0.008	10	18849	15728	1	Standard
	Cr	53	0.057	ug/L	0.003	5	160	347	2	Standard
	Mn	55	272.005	ug/L	3.627	1	1532	12579296	1	Standard
>	Ge	72		ug/L			100573	83971	2	KED
	Ni	60	1.942	ug/L	0.039	2	23	2920	3	KED
	Ni	62	1.796	ug/L	0.074	4	6	447	4	KED
	Cu	63	0.500	ug/L	0.016	3	98	2255	3	KED
	Cu	65	0.512	ug/L	0.025	4	45	1129	3	KED
	Zn	66	146.776	ug/L	1.382	0	73	95708	2	KED
	Zn	67	137.680	ug/L	2.112	1	12	14753	0	KED
	As	75	0.029	ug/L	0.008	27	4	12	19	KED
	Se	78	-0.038	ug/L	0.059	153	13	10	19	KED
	Y	89		ug/L			804838	744044	1	Standard
	Kr	83		ug/L			330	366	4	Standard
>	In-1	115		ug/L			28284	23400	0	KED
	Mo	98	0.010	ug/L	0.005	50	7	22	36	KED
	Cd	111	0.149	ug/L	0.023	15	3	57	14	KED
	Cd	114	0.139	ug/L	0.009	6	3	133	6	KED
>	In	115		ug/L			1438888	1487595	2	Standard
	Ag	107	0.008	ug/L	0.001	10	55	219	9	Standard
	Sb	121	0.048	ug/L	0.002	4	380	1539	3	Standard
	Sb	123	0.047	ug/L	0.004	8	357	1194	4	Standard
	Ba	135	15.540	ug/L	0.285	1	38	136381	0	Standard
	Ba	137	15.252	ug/L	0.426	2	69	233121	1	Standard
>	Tb	159		ug/L			3033563	2982182	0	Standard
	Tl	205	0.007	ug/L	0.000	3	71	844	4	Standard
	Pb	208	0.009	ug/L	0.000	1	536	1751	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-35
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:40:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1256751	2	Standard
[	Be	9	0.003	ug/L	0.001	25	10	33	17	Standard
	C	13		ug/L			23319	54320	0	Standard
	Cl	37		ug/L			7703668	7122237	0	Standard
[>	Sc	45		ug/L			1469921	1410262	0	Standard
[	Al	27	207.349	ug/L	5.406	2	3506	5967527	2	Standard
[	V	51	0.707	ug/L	0.011	1	6451	30397	1	Standard
[	V-1	51	0.747	ug/L	0.013	1	292	25976	1	Standard
[	Cr	52	0.344	ug/L	0.018	5	18849	28286	1	Standard
[	Cr	53	0.479	ug/L	0.022	4	160	1782	3	Standard
[	Mn	55	6.128	ug/L	0.056	0	1532	285120	0	Standard
[>	Ge	72		ug/L			100573	86501	0	KED
[	Ni	60	0.408	ug/L	0.012	2	23	647	2	KED
[	Ni	62	0.452	ug/L	0.063	14	6	120	12	KED
[	Cu	63	1.510	ug/L	0.019	1	98	6849	1	KED
[	Cu	65	1.502	ug/L	0.016	1	45	3342	0	KED
[	Zn	66	2.264	ug/L	0.059	2	73	1582	2	KED
[	Zn	67	2.387	ug/L	0.173	7	12	273	6	KED
[	As	75	1.005	ug/L	0.038	3	4	328	3	KED
[	Se	78	-0.012	ug/L	0.042	348	13	11	13	KED
	Y	89		ug/L			804838	764515	1	Standard
	Kr	83		ug/L			330	367	2	Standard
[>	In-1	115		ug/L			28284	23804	0	KED
[	Mo	98	0.410	ug/L	0.008	1	7	673	1	KED
[	Cd	111	0.023	ug/L	0.005	23	3	11	16	KED
[	Cd	114	0.030	ug/L	0.002	5	3	31	5	KED
[>	In	115		ug/L			1438888	1531196	0	Standard
[	Ag	107	0.002	ug/L	0.000	6	55	102	2	Standard
[	Sb	121	0.054	ug/L	0.002	4	380	1719	3	Standard
[	Sb	123	0.053	ug/L	0.001	2	357	1352	1	Standard
[	Ba	135	4.791	ug/L	0.013	0	38	43318	0	Standard
[	Ba	137	4.674	ug/L	0.020	0	69	73607	0	Standard
[>	Tb	159		ug/L			3033563	2920909	0	Standard
[	Tl	205	0.005	ug/L	0.000	7	71	542	6	Standard
[	Pb	208	0.238	ug/L	0.003	1	536	32534	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-37
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:44:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1228759	1	Standard
	Be	9	-0.000	ug/L	0.000	122	10	7	43	Standard
	C	13		ug/L			23319	50965	1	Standard
	Cl	37		ug/L			7703668	7194064	1	Standard
>	Sc	45		ug/L			1469921	1403984	1	Standard
	Al	27	21.013	ug/L	0.072	0	3506	605096	1	Standard
	V	51	0.238	ug/L	0.001	0	6451	14291	0	Standard
	V-1	51	0.279	ug/L	0.004	1	292	9827	1	Standard
	Cr	52	0.133	ug/L	0.009	6	18849	21929	1	Standard
	Cr	53	0.265	ug/L	0.004	1	160	1050	1	Standard
	Mn	55	0.528	ug/L	0.007	1	1532	25793	0	Standard
>	Ge	72		ug/L			100573	88522	1	KED
	Ni	60	0.287	ug/L	0.021	7	23	472	8	KED
	Ni	62	0.292	ug/L	0.084	28	6	81	25	KED
	Cu	63	0.683	ug/L	0.010	1	98	3216	0	KED
	Cu	65	0.690	ug/L	0.013	1	45	1593	3	KED
	Zn	66	33.106	ug/L	0.069	0	73	22808	1	KED
	Zn	67	32.096	ug/L	0.493	1	12	3634	2	KED
	As	75	0.596	ug/L	0.030	5	4	200	4	KED
	Se	78	-0.051	ug/L	0.079	154	13	10	30	KED
	Y	89		ug/L			804838	750923	0	Standard
	Kr	83		ug/L			330	388	1	Standard
>	In-1	115		ug/L			28284	24250	0	KED
	Mo	98	0.393	ug/L	0.009	2	7	657	2	KED
	Cd	111	0.011	ug/L	0.006	58	3	7	32	KED
	Cd	114	0.011	ug/L	0.003	32	3	12	25	KED
>	In	115		ug/L			1438888	1522252	0	Standard
	Ag	107	0.000	ug/L	0.001	360	55	63	28	Standard
	Sb	121	0.100	ug/L	0.002	1	380	2826	1	Standard
	Sb	123	0.100	ug/L	0.003	2	357	2203	2	Standard
	Ba	135	2.775	ug/L	0.044	1	38	24955	0	Standard
	Ba	137	2.731	ug/L	0.047	1	69	42787	2	Standard
>	Tb	159		ug/L			3033563	2895799	0	Standard
	Tl	205	0.001	ug/L	0.000	21	71	189	14	Standard
	Pb	208	0.023	ug/L	0.000	0	536	3574	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:49:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1253215	0	Standard
	Be	9	0.002	ug/L	0.001	55	10	23	30	Standard
	C	13		ug/L			23319	53531	1	Standard
	Cl	37		ug/L			7703668	7196436	0	Standard
>	Sc	45		ug/L			1469921	1410526	0	Standard
	Al	27	135.079	ug/L	2.547	1	3506	3889051	0	Standard
	V	51	0.552	ug/L	0.005	0	6451	25106	1	Standard
	V-1	51	0.591	ug/L	0.006	1	292	20615	1	Standard
	Cr	52	0.131	ug/L	0.011	8	18849	21975	0	Standard
	Cr	53	0.262	ug/L	0.011	4	160	1047	4	Standard
	Mn	55	4.528	ug/L	0.074	1	1532	211082	1	Standard
>	Ge	72		ug/L			100573	87323	0	KED
	Ni	60	0.444	ug/L	0.014	3	23	710	3	KED
	Ni	62	0.459	ug/L	0.081	17	6	123	17	KED
	Cu	63	1.161	ug/L	0.028	2	98	5334	1	KED
	Cu	65	1.143	ug/L	0.033	2	45	2577	2	KED
	Zn	66	3.549	ug/L	0.135	3	73	2469	4	KED
	Zn	67	3.400	ug/L	0.165	4	12	389	5	KED
	As	75	0.906	ug/L	0.026	2	4	299	2	KED
	Se	78	0.026	ug/L	0.020	74	13	12	5	KED
	Y	89		ug/L			804838	754737	0	Standard
	Kr	83		ug/L			330	386	6	Standard
>	In-1	115		ug/L			28284	23930	1	KED
	Mo	98	0.373	ug/L	0.021	5	7	615	5	KED
	Cd	111	0.024	ug/L	0.006	23	3	12	16	KED
	Cd	114	0.013	ug/L	0.004	32	3	15	27	KED
>	In	115		ug/L			1438888	1520614	1	Standard
	Ag	107	0.002	ug/L	0.001	30	55	97	10	Standard
	Sb	121	0.057	ug/L	0.004	7	380	1790	4	Standard
	Sb	123	0.060	ug/L	0.005	8	357	1460	5	Standard
	Ba	135	3.583	ug/L	0.053	1	38	32176	0	Standard
	Ba	137	3.515	ug/L	0.019	0	69	54986	0	Standard
>	Tb	159		ug/L			3033563	2862740	1	Standard
	Tl	205	0.003	ug/L	0.000	15	71	351	11	Standard
	Pb	208	0.170	ug/L	0.002	0	536	22918	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-39
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 03:55:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1260685	0	Standard
[	Be	9	0.002	ug/L	0.001	36	10	24	20	Standard
	C	13		ug/L			23319	53431	0	Standard
	Cl	37		ug/L			7703668	7218373	0	Standard
[>	Sc	45		ug/L			1469921	1413782	1	Standard
[	Al	27	130.306	ug/L	2.391	1	3506	3760046	0	Standard
[	V	51	0.587	ug/L	0.015	2	6451	26363	1	Standard
[	V-1	51	0.627	ug/L	0.013	2	292	21899	2	Standard
[	Cr	52	0.285	ug/L	0.018	6	18849	26587	0	Standard
[	Cr	53	0.417	ug/L	0.007	1	160	1576	1	Standard
[	Mn	55	3.871	ug/L	0.059	1	1532	181041	0	Standard
[>	Ge	72		ug/L			100573	86815	1	KED
[	Ni	60	0.355	ug/L	0.020	5	23	567	4	KED
[	Ni	62	0.353	ug/L	0.086	24	6	95	22	KED
[	Cu	63	1.093	ug/L	0.043	3	98	4997	4	KED
[	Cu	65	1.140	ug/L	0.024	2	45	2555	3	KED
[	Zn	66	25.983	ug/L	0.261	1	73	17569	1	KED
[	Zn	67	23.791	ug/L	0.632	2	12	2645	3	KED
[	As	75	0.832	ug/L	0.044	5	4	273	6	KED
[	Se	78	-0.017	ug/L	0.041	240	13	11	13	KED
	Y	89		ug/L			804838	750739	1	Standard
	Kr	83		ug/L			330	399	9	Standard
[>	In-1	115		ug/L			28284	23836	2	KED
[	Mo	98	0.413	ug/L	0.029	7	7	679	9	KED
[	Cd	111	0.011	ug/L	0.004	31	3	7	19	KED
[	Cd	114	0.020	ug/L	0.004	22	3	21	17	KED
[>	In	115		ug/L			1438888	1538114	1	Standard
[	Ag	107	0.002	ug/L	0.001	28	55	109	12	Standard
[	Sb	121	0.065	ug/L	0.001	1	380	2000	1	Standard
[	Sb	123	0.065	ug/L	0.003	4	357	1579	2	Standard
[	Ba	135	3.452	ug/L	0.032	0	38	31363	0	Standard
[	Ba	137	3.348	ug/L	0.032	0	69	52992	1	Standard
[>	Tb	159		ug/L			3033563	2850658	0	Standard
[	Tl	205	0.003	ug/L	0.000	5	71	328	4	Standard
[	Pb	208	0.145	ug/L	0.000	0	536	19601	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:03:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1214098	2	Standard
	Be	**9**	**-0.001**	ug/L	0.000	56	10	5	57	Standard
	C	**13**		ug/L			23319	22818	1	Standard
	Cl	**37**		ug/L			7703668	7456931	0	Standard
>	**Sc**	**45**		ug/L			1469921	1306323	0	Standard
	Al	**27**	**0.022**	ug/L	0.007	30	3506	3714	4	Standard
	V	**51**	**-0.036**	ug/L	0.004	10	6451	4585	2	Standard
	V-1	**51**	**-0.002**	ug/L	0.000	11	292	200	2	Standard
	Cr	**52**	**-0.120**	ug/L	0.016	12	18849	13450	2	Standard
	Cr	**53**	**-0.008**	ug/L	0.003	44	160	117	8	Standard
	Mn	**55**	**0.034**	ug/L	0.001	1	1532	2824	0	Standard
>	**Ge**	**72**		ug/L			100573	83969	1	KED
	Ni	**60**	**0.090**	ug/L	0.006	6	23	154	7	KED
	Ni	**62**	**0.087**	ug/L	0.020	23	6	26	18	KED
	Cu	**63**	**-0.004**	ug/L	0.003	57	98	62	18	KED
	Cu	**65**	**-0.002**	ug/L	0.005	328	45	34	34	KED
	Zn	**66**	**0.057**	ug/L	0.028	48	73	99	20	KED
	Zn	**67**	**0.036**	ug/L	0.088	241	12	13	67	KED
	As	**75**	**0.002**	ug/L	0.005	219	4	4	36	KED
	Se	**78**	**-0.079**	ug/L	0.106	135	13	8	43	KED
	Y	**89**		ug/L			804838	727041	1	Standard
	Kr	**83**		ug/L			330	379	5	Standard
>	**In-1**	**115**		ug/L			28284	24048	0	KED
	Mo	**98**	**-0.003**	ug/L	0.002	65	7	1	183	KED
	Cd	**111**	**-0.000**	ug/L	0.002	898	3	3	17	KED
	Cd	**114**	**-0.000**	ug/L	0.001	541	3	2	48	KED
>	**In**	**115**		ug/L			1438888	1464737	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	26	55	36	13	Standard
	Sb	**121**	**-0.013**	ug/L	0.000	1	380	80	6	Standard
	Sb	**123**	**-0.017**	ug/L	0.000	1	357	58	6	Standard
	Ba	**135**	**0.002**	ug/L	0.001	44	38	57	14	Standard
	Ba	**137**	**0.001**	ug/L	0.001	94	69	82	14	Standard
>	**Tb**	**159**		ug/L			3033563	2753821	0	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	34	71	41	18	Standard
	Pb	**208**	**-0.000**	ug/L	0.000	107	536	469	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:08:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1274673	1239097	1	Standard
[	**Be**	**9**	**46.854**	ug/L	0.945	2	10	377806	0	Standard
	C	**13**		ug/L			23319	22861	1	Standard
	Cl	**37**		ug/L			7703668	7553611	0	Standard
[>	**Sc**	**45**		ug/L			1469921	1348180	0	Standard
[	**Al**	**27**	**4928.562**	ug/L	22.757	0	3506	135528866	0	Standard
[	**V**	**51**	**45.113**	ug/L	0.308	0	6451	1482705	1	Standard
[	**V-1**	**51**	**45.418**	ug/L	0.304	0	292	1493969	1	Standard
[	**Cr**	**52**	**45.717**	ug/L	0.563	1	18849	1313246	1	Standard
[	**Cr**	**53**	**46.693**	ug/L	0.233	0	160	151999	1	Standard
[	**Mn**	**55**	**50.557**	ug/L	0.019	0	1532	2238437	0	Standard
[>	**Ge**	**72**		ug/L			100573	85730	0	KED
[	**Ni**	**60**	**49.035**	ug/L	0.319	0	23	74800	1	KED
[	**Ni**	**62**	**48.936**	ug/L	0.425	0	6	12307	1	KED
[	**Cu**	**63**	**48.829**	ug/L	0.707	1	98	216841	1	KED
[	**Cu**	**65**	**49.735**	ug/L	0.292	0	45	108489	0	KED
[	**Zn**	**66**	**49.048**	ug/L	0.464	0	73	32694	0	KED
[	**Zn**	**67**	**48.625**	ug/L	2.611	5	12	5326	5	KED
[	**As**	**75**	**48.099**	ug/L	0.085	0	4	15405	0	KED
[	**Se**	**78**	**48.261**	ug/L	0.802	1	13	1753	1	KED
	Y	**89**		ug/L			804838	756103	0	Standard
	Kr	**83**		ug/L			330	387	4	Standard
[>	**In-1**	**115**		ug/L			28284	23869	0	KED
[	**Mo**	**98**	**48.656**	ug/L	0.195	0	7	79319	0	KED
[	**Cd**	**111**	**49.593**	ug/L	0.214	0	3	18396	0	KED
[	**Cd**	**114**	**49.997**	ug/L	0.475	0	3	47990	0	KED
[>	**In**	**115**		ug/L			1438888	1487240	1	Standard
[	**Ag**	**107**	**49.323**	ug/L	1.512	3	55	1051169	3	Standard
[	**Sb**	**121**	**49.705**	ug/L	0.294	0	380	1177633	0	Standard
[	**Sb**	**123**	**50.972**	ug/L	0.852	1	357	904861	2	Standard
[	**Ba**	**135**	**41.787**	ug/L	0.600	1	38	366622	0	Standard
[	**Ba**	**137**	**41.227**	ug/L	0.314	0	69	630081	0	Standard
[>	**Tb**	**159**		ug/L			3033563	2902234	0	Standard
[	**Tl**	**205**	**51.477**	ug/L	0.663	1	71	5251172	0	Standard
[	**Pb**	**208**	**49.561**	ug/L	0.534	1	536	6623434	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:15:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1236875	3	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	64	10	6	45	Standard
	C	**13**		ug/L			23319	21756	0	Standard
	Cl	**37**		ug/L			7703668	7467562	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1323603	1	Standard
⌈	**Al**	**27**	**0.039**	ug/L	0.004	10	3506	4210	4	Standard
⌈	**V**	**51**	**-0.037**	ug/L	0.002	4	6451	4624	0	Standard
⌈	**V-1**	**51**	**-0.003**	ug/L	0.000	3	292	162	2	Standard
⌈	**Cr**	**52**	**-0.119**	ug/L	0.005	4	18849	13655	1	Standard
⌈	**Cr**	**53**	**-0.009**	ug/L	0.002	18	160	116	5	Standard
⌊	**Mn**	**55**	**0.027**	ug/L	0.001	3	1532	2536	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	85734	0	KED
⌈	**Ni**	**60**	**0.074**	ug/L	0.001	1	23	133	0	KED
⌈	**Ni**	**62**	**0.082**	ug/L	0.037	44	6	26	36	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.001	337	98	82	4	KED
⌈	**Cu**	**65**	**0.001**	ug/L	0.003	265	45	40	14	KED
⌈	**Zn**	**66**	**0.035**	ug/L	0.043	121	73	86	33	KED
⌈	**Zn**	**67**	**0.051**	ug/L	0.036	71	12	15	24	KED
⌈	**As**	**75**	**0.004**	ug/L	0.007	203	4	5	46	KED
⌊	**Se**	**78**	**-0.043**	ug/L	0.068	159	13	10	24	KED
	Y	**89**		ug/L			804838	737933	1	Standard
	Kr	**83**		ug/L			330	347	5	Standard
⌈>	**In-1**	**115**		ug/L			28284	23990	0	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.002	39	7	13	20	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.003	1792	3	3	34	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.005	190	3	4	90	KED
⌈>	**In**	**115**		ug/L			1438888	1503301	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	105	55	65	11	Standard
⌈	**Sb**	**121**	**0.044**	ug/L	0.001	2	380	1459	1	Standard
⌈	**Sb**	**123**	**0.043**	ug/L	0.004	9	357	1137	5	Standard
⌈	**Ba**	**135**	**0.004**	ug/L	0.001	16	38	71	6	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.000	18	69	107	5	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2825264	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	6	71	299	4	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	29	536	627	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-40
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:20:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1255037	0	Standard
	Be	9	0.002	ug/L	0.000	16	10	27	10	Standard
	C	13		ug/L			23319	51234	0	Standard
	Cl	37		ug/L			7703668	7123390	1	Standard
>	Sc	45		ug/L			1469921	1393698	1	Standard
	Al	27	204.445	ug/L	2.038	0	3506	5814684	1	Standard
	V	51	0.738	ug/L	0.012	1	6451	31099	2	Standard
	V-1	51	0.771	ug/L	0.015	1	292	26498	3	Standard
	Cr	52	0.371	ug/L	0.010	2	18849	28736	0	Standard
	Cr	53	0.483	ug/L	0.001	0	160	1775	1	Standard
	Mn	55	6.586	ug/L	0.086	1	1532	302689	0	Standard
>	Ge	72		ug/L			100573	86004	1	KED
	Ni	60	0.425	ug/L	0.029	6	23	670	7	KED
	Ni	62	0.487	ug/L	0.034	6	6	128	6	KED
	Cu	63	2.526	ug/L	0.051	2	98	11330	1	KED
	Cu	65	2.576	ug/L	0.051	1	45	5674	2	KED
	Zn	66	2.649	ug/L	0.072	2	73	1831	3	KED
	Zn	67	2.772	ug/L	0.238	8	12	314	7	KED
	As	75	1.008	ug/L	0.013	1	4	327	2	KED
	Se	78	-0.066	ug/L	0.108	163	13	9	42	KED
	Y	89		ug/L			804838	752644	1	Standard
	Kr	83		ug/L			330	338	3	Standard
>	In-1	115		ug/L			28284	24019	0	KED
	Mo	98	0.386	ug/L	0.010	2	7	639	2	KED
	Cd	111	0.038	ug/L	0.018	47	3	17	38	KED
	Cd	114	0.033	ug/L	0.010	29	3	34	26	KED
>	In	115		ug/L			1438888	1526729	0	Standard
	Ag	107	0.002	ug/L	0.000	19	55	109	9	Standard
	Sb	121	0.150	ug/L	0.006	3	380	4063	3	Standard
	Sb	123	0.147	ug/L	0.003	2	357	3054	1	Standard
	Ba	135	4.742	ug/L	0.041	0	38	42753	0	Standard
	Ba	137	4.645	ug/L	0.033	0	69	72944	0	Standard
>	Tb	159		ug/L			3033563	2864825	1	Standard
	Tl	205	0.006	ug/L	0.001	9	71	633	9	Standard
	Pb	208	0.247	ug/L	0.003	1	536	33053	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-02
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:24:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1171721	2	Standard
	Be	9	0.144	ug/L	0.003	1	10	1110	2	Standard
	C	13		ug/L			23319	47590	1	Standard
	Cl	37		ug/L			7703668	6596250	0	Standard
>	Sc	45		ug/L			1469921	1437924	2	Standard
	Al	27	3917.827	ug/L	45.264	1	3506	114895826	1	Standard
	V	51	-0.033	ug/L	0.009	26	6451	5155	3	Standard
	V-1	51	0.026	ug/L	0.002	6	292	1194	2	Standard
	Cr	52	-0.082	ug/L	0.010	12	18849	15943	0	Standard
	Cr	53	0.109	ug/L	0.012	11	160	534	10	Standard
	Mn	55	479.624	ug/L	5.307	1	1532	22634947	1	Standard
>	Ge	72		ug/L			100573	81086	1	KED
	Ni	60	89.365	ug/L	1.456	1	23	128909	1	KED
	Ni	62	88.444	ug/L	1.237	1	6	21031	0	KED
	Cu	63	21.823	ug/L	0.285	1	98	91694	1	KED
	Cu	65	22.353	ug/L	0.567	2	45	46127	1	KED
	Zn	66	287.241	ug/L	2.009	0	73	180799	0	KED
	Zn	67	262.512	ug/L	4.610	1	12	27155	0	KED
	As	75	0.072	ug/L	0.008	11	4	25	10	KED
	Se	78	0.082	ug/L	0.023	28	13	13	6	KED
	Y	89		ug/L			804838	841452	0	Standard
	Kr	83		ug/L			330	340	11	Standard
>	In-1	115		ug/L			28284	22576	1	KED
	Mo	98	0.019	ug/L	0.002	8	7	34	6	KED
	Cd	111	2.292	ug/L	0.136	5	3	806	4	KED
	Cd	114	2.337	ug/L	0.065	2	3	2123	1	KED
>	In	115		ug/L			1438888	1471020	2	Standard
	Ag	107	0.011	ug/L	0.001	6	55	296	4	Standard
	Sb	121	0.024	ug/L	0.001	4	380	956	0	Standard
	Sb	123	0.020	ug/L	0.003	15	357	717	5	Standard
	Ba	135	11.135	ug/L	0.190	1	38	96643	0	Standard
	Ba	137	10.979	ug/L	0.210	1	69	165976	0	Standard
>	Tb	159		ug/L			3033563	2936448	1	Standard
	Tl	205	0.068	ug/L	0.001	1	71	7050	1	Standard
	Pb	208	0.130	ug/L	0.003	2	536	18088	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:29:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1201554	1	Standard
	Be	9	0.002	ug/L	0.001	33	10	26	18	Standard
	C	13		ug/L			23319	45284	1	Standard
	Cl	37		ug/L			7703668	6919771	0	Standard
>	Sc	45		ug/L			1469921	1424172	2	Standard
	Al	27	50.801	ug/L	0.445	0	3506	1478904	1	Standard
	V	51	0.435	ug/L	0.013	2	6451	21292	2	Standard
	V-1	51	0.500	ug/L	0.007	1	292	17643	2	Standard
	Cr	52	0.196	ug/L	0.023	11	18849	24113	1	Standard
	Cr	53	0.408	ug/L	0.011	2	160	1557	1	Standard
	Mn	55	27.546	ug/L	0.511	1	1532	1288749	0	Standard
>	Ge	72		ug/L			100573	79770	0	KED
	Ni	60	0.233	ug/L	0.018	7	23	349	7	KED
	Ni	62	0.201	ug/L	0.050	24	6	52	22	KED
	Cu	63	0.526	ug/L	0.014	2	98	2250	2	KED
	Cu	65	0.550	ug/L	0.015	2	45	1151	2	KED
	Zn	66	1.084	ug/L	0.124	11	73	729	10	KED
	Zn	67	2.202	ug/L	0.202	9	12	233	8	KED
	As	75	0.130	ug/L	0.018	13	4	42	12	KED
	Se	78	-0.040	ug/L	0.059	146	13	9	21	KED
	Y	89		ug/L			804838	731070	1	Standard
	Kr	83		ug/L			330	296	4	Standard
>	In-1	115		ug/L			28284	22334	1	KED
	Mo	98	0.372	ug/L	0.012	3	7	573	2	KED
	Cd	111	0.091	ug/L	0.007	7	3	34	6	KED
	Cd	114	0.085	ug/L	0.004	4	3	78	5	KED
>	In	115		ug/L			1438888	1481271	2	Standard
	Ag	107	0.003	ug/L	0.000	10	55	115	6	Standard
	Sb	121	0.040	ug/L	0.003	7	380	1331	3	Standard
	Sb	123	0.039	ug/L	0.002	6	357	1062	4	Standard
	Ba	135	18.247	ug/L	0.240	1	38	159467	1	Standard
	Ba	137	17.756	ug/L	0.287	1	69	270309	2	Standard
>	Tb	159		ug/L			3033563	2841531	0	Standard
	Tl	205	0.001	ug/L	0.000	25	71	166	14	Standard
	Pb	208	0.032	ug/L	0.001	1	536	4635	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:33:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1168201	1	Standard
[	Be	9	0.002	ug/L	0.001	44	10	27	27	Standard
	C	13		ug/L			23319	46274	0	Standard
	Cl	37		ug/L			7703668	6903878	0	Standard
[>	Sc	45		ug/L			1469921	1378758	0	Standard
[	Al	27	66.569	ug/L	0.335	0	3506	1875274	0	Standard
[	V	51	0.465	ug/L	0.011	2	6451	21614	0	Standard
[	V-1	51	0.522	ug/L	0.009	1	292	17835	1	Standard
[	Cr	52	0.163	ug/L	0.006	3	18849	22410	0	Standard
[	Cr	53	0.353	ug/L	0.015	4	160	1323	4	Standard
[	Mn	55	26.994	ug/L	0.272	1	1532	1222879	0	Standard
[>	Ge	72		ug/L			100573	77548	0	KED
[	Ni	60	0.244	ug/L	0.025	10	23	354	8	KED
[	Ni	62	0.285	ug/L	0.054	19	6	69	18	KED
[	Cu	63	0.877	ug/L	0.033	3	98	3597	3	KED
[	Cu	65	0.861	ug/L	0.056	6	45	1733	6	KED
[	Zn	66	1.213	ug/L	0.054	4	73	786	3	KED
[	Zn	67	2.309	ug/L	0.456	19	12	237	18	KED
[	As	75	0.140	ug/L	0.010	7	4	44	7	KED
[	Se	78	-0.025	ug/L	0.021	81	13	9	7	KED
	Y	89		ug/L			804838	713837	0	Standard
	Kr	83		ug/L			330	336	5	Standard
[>	In-1	115		ug/L			28284	21405	1	KED
[	Mo	98	0.393	ug/L	0.030	7	7	579	6	KED
[	Cd	111	0.073	ug/L	0.010	13	3	27	10	KED
[	Cd	114	0.086	ug/L	0.026	30	3	75	28	KED
[>	In	115		ug/L			1438888	1449736	2	Standard
[	Ag	107	0.001	ug/L	0.000	32	55	81	9	Standard
[	Sb	121	0.030	ug/L	0.002	7	380	1083	5	Standard
[	Sb	123	0.030	ug/L	0.006	19	357	876	9	Standard
[	Ba	135	18.406	ug/L	0.124	0	38	157444	1	Standard
[	Ba	137	17.848	ug/L	0.293	1	69	265889	0	Standard
[>	Tb	159		ug/L			3033563	2779492	0	Standard
[	Tl	205	0.001	ug/L	0.000	19	71	176	12	Standard
[	Pb	208	0.038	ug/L	0.001	3	536	5341	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:38:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1254212	2	Standard
	Be	9	0.000	ug/L	0.001	425	10	12	50	Standard
	C	13		ug/L			23319	46056	0	Standard
	Cl	37		ug/L			7703668	7212700	0	Standard
>	Sc	45		ug/L			1469921	1396574	0	Standard
	Al	27	3.965	ug/L	0.045	1	3506	116261	0	Standard
	V	51	-0.011	ug/L	0.005	44	6451	5760	3	Standard
	V-1	51	0.049	ug/L	0.003	5	292	1954	5	Standard
	Cr	52	0.030	ug/L	0.006	18	18849	18802	1	Standard
	Cr	53	0.224	ug/L	0.008	3	160	907	2	Standard
	Mn	55	1.481	ug/L	0.019	1	1532	69330	1	Standard
>	Ge	72		ug/L			100573	80066	2	KED
	Ni	60	0.266	ug/L	0.015	5	23	398	6	KED
	Ni	62	0.248	ug/L	0.064	25	6	63	24	KED
	Cu	63	0.233	ug/L	0.012	5	98	1041	3	KED
	Cu	65	0.239	ug/L	0.006	2	45	521	0	KED
	Zn	66	10.354	ug/L	0.138	1	73	6492	2	KED
	Zn	67	9.981	ug/L	0.196	1	12	1028	0	KED
	As	75	0.009	ug/L	0.005	58	4	6	22	KED
	Se	78	0.076	ug/L	0.041	53	13	13	11	KED
	Y	89		ug/L			804838	732233	3	Standard
	Kr	83		ug/L			330	330	3	Standard
>	In-1	115		ug/L			28284	22502	2	KED
	Mo	98	0.409	ug/L	0.009	2	7	634	0	KED
	Cd	111	0.077	ug/L	0.012	15	3	29	14	KED
	Cd	114	0.074	ug/L	0.014	19	3	69	17	KED
>	In	115		ug/L			1438888	1516136	0	Standard
	Ag	107	-0.001	ug/L	0.000	28	55	45	8	Standard
	Sb	121	0.046	ug/L	0.002	4	380	1520	2	Standard
	Sb	123	0.048	ug/L	0.001	2	357	1242	1	Standard
	Ba	135	5.920	ug/L	0.102	1	38	52994	2	Standard
	Ba	137	5.831	ug/L	0.005	0	69	90920	0	Standard
>	Tb	159		ug/L			3033563	2866153	0	Standard
	Tl	205	0.007	ug/L	0.000	3	71	757	2	Standard
	Pb	208	0.001	ug/L	0.000	40	536	580	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:43:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1232134	2	Standard
[	Be	9	0.001	ug/L	0.000	51	10	17	22	Standard
	C	13		ug/L			23319	47389	0	Standard
	Cl	37		ug/L			7703668	7240190	0	Standard
[>	Sc	45		ug/L			1469921	1384527	1	Standard
[	Al	27	3.820	ug/L	0.083	2	3506	111152	1	Standard
[	V	51	-0.007	ug/L	0.008	108	6451	5842	5	Standard
[	V-1	51	0.054	ug/L	0.001	1	292	2089	2	Standard
[	Cr	52	0.035	ug/L	0.007	21	18849	18765	2	Standard
[	Cr	53	0.230	ug/L	0.015	6	160	920	4	Standard
[	Mn	55	1.468	ug/L	0.034	2	1532	68115	1	Standard
[>	Ge	72		ug/L			100573	81297	0	KED
[	Ni	60	0.226	ug/L	0.017	7	23	346	7	KED
[	Ni	62	0.207	ug/L	0.042	20	6	54	19	KED
[	Cu	63	0.261	ug/L	0.013	5	98	1177	3	KED
[	Cu	65	0.244	ug/L	0.005	1	45	540	1	KED
[	Zn	66	10.329	ug/L	0.210	2	73	6576	2	KED
[	Zn	67	10.291	ug/L	0.293	2	12	1076	2	KED
[	As	75	0.016	ug/L	0.005	28	4	8	16	KED
[	Se	78	0.053	ug/L	0.041	77	13	12	11	KED
	Y	89		ug/L			804838	732345	1	Standard
	Kr	83		ug/L			330	323	8	Standard
[>	In-1	115		ug/L			28284	22751	0	KED
[	Mo	98	0.408	ug/L	0.027	6	7	639	6	KED
[	Cd	111	0.080	ug/L	0.019	23	3	31	20	KED
[	Cd	114	0.066	ug/L	0.014	22	3	62	21	KED
[>	In	115		ug/L			1438888	1498147	0	Standard
[	Ag	107	-0.000	ug/L	0.000	134	55	50	19	Standard
[	Sb	121	0.051	ug/L	0.002	3	380	1615	3	Standard
[	Sb	123	0.048	ug/L	0.003	6	357	1222	4	Standard
[	Ba	135	6.116	ug/L	0.058	0	38	54093	1	Standard
[	Ba	137	5.980	ug/L	0.056	0	69	92131	0	Standard
[>	Tb	159		ug/L			3033563	2789692	0	Standard
[	Tl	205	0.007	ug/L	0.000	6	71	769	5	Standard
[	Pb	208	0.001	ug/L	0.000	19	536	580	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:48:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1206472	1	Standard
	Be	**9**	**0.001**	ug/L	0.001	103	10	15	33	Standard
	C	**13**		ug/L			23319	47047	0	Standard
	Cl	**37**		ug/L			7703668	7182572	0	Standard
>	**Sc**	**45**		ug/L			1469921	1370986	0	Standard
	Al	**27**	**3.824**	ug/L	0.088	2	3506	110198	1	Standard
	V	**51**	**-0.001**	ug/L	0.005	641	6451	5991	2	Standard
	V-1	**51**	**0.054**	ug/L	0.003	5	292	2064	4	Standard
	Cr	**52**	**0.044**	ug/L	0.012	26	18849	18842	1	Standard
	Cr	**53**	**0.219**	ug/L	0.008	3	160	873	1	Standard
	Mn	**55**	**1.433**	ug/L	0.020	1	1532	65893	1	Standard
>	**Ge**	**72**		ug/L			100573	80407	1	KED
	Ni	**60**	**0.270**	ug/L	0.003	1	23	405	0	KED
	Ni	**62**	**0.283**	ug/L	0.031	10	6	71	11	KED
	Cu	**63**	**0.246**	ug/L	0.020	8	98	1102	8	KED
	Cu	**65**	**0.252**	ug/L	0.011	4	45	551	5	KED
	Zn	**66**	**10.259**	ug/L	0.110	1	73	6460	1	KED
	Zn	**67**	**10.182**	ug/L	0.426	4	12	1054	4	KED
	As	**75**	**0.018**	ug/L	0.011	59	4	9	36	KED
	Se	**78**	**0.114**	ug/L	0.148	130	13	14	33	KED
	Y	**89**		ug/L			804838	724651	1	Standard
	Kr	**83**		ug/L			330	297	2	Standard
>	**In-1**	**115**		ug/L			28284	22556	1	KED
	Mo	**98**	**0.415**	ug/L	0.024	5	7	645	6	KED
	Cd	**111**	**0.063**	ug/L	0.004	6	3	25	4	KED
	Cd	**114**	**0.075**	ug/L	0.008	10	3	70	11	KED
>	**In**	**115**		ug/L			1438888	1493828	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	21	55	43	6	Standard
	Sb	**121**	**0.054**	ug/L	0.004	7	380	1687	6	Standard
	Sb	**123**	**0.051**	ug/L	0.006	11	357	1287	7	Standard
	Ba	**135**	**5.986**	ug/L	0.097	1	38	52781	0	Standard
	Ba	**137**	**5.963**	ug/L	0.057	0	69	91593	1	Standard
>	**Tb**	**159**		ug/L			3033563	2812679	1	Standard
	Tl	**205**	**0.007**	ug/L	0.000	5	71	713	4	Standard
	Pb	**208**	**0.007**	ug/L	0.000	1	536	1353	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:54:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1184525	0	Standard
	Be	9	23.083	ug/L	0.292	1	10	177974	1	Standard
	C	13		ug/L			23319	50554	0	Standard
	Cl	37		ug/L			7703668	7319745	0	Standard
>	Sc	45		ug/L			1469921	1365621	1	Standard
	Al	27	4839.001	ug/L	34.700	0	3506	134791030	1	Standard
	V	51	21.361	ug/L	0.300	1	6451	714342	2	Standard
	V-1	51	21.651	ug/L	0.254	1	292	721594	2	Standard
	Cr	52	21.484	ug/L	0.265	1	18849	634440	2	Standard
	Cr	53	22.421	ug/L	0.149	0	160	74010	1	Standard
	Mn	55	24.049	ug/L	0.257	1	1532	1079382	2	Standard
>	Ge	72		ug/L			100573	80519	0	KED
	Ni	60	25.351	ug/L	0.162	0	23	36329	0	KED
	Ni	62	24.919	ug/L	0.186	0	6	5888	1	KED
	Cu	63	25.031	ug/L	0.104	0	98	104438	0	KED
	Cu	65	25.170	ug/L	0.178	0	45	51583	0	KED
	Zn	66	87.952	ug/L	0.834	0	73	55018	0	KED
	Zn	67	84.156	ug/L	0.061	0	12	8652	0	KED
	As	75	24.220	ug/L	0.326	1	4	7287	1	KED
	Se	78	76.940	ug/L	0.854	1	13	2618	0	KED
	Y	89		ug/L			804838	732958	0	Standard
	Kr	83		ug/L			330	340	5	Standard
>	In-1	115		ug/L			28284	22752	0	KED
	Mo	98	0.389	ug/L	0.045	11	7	610	11	KED
	Cd	111	25.378	ug/L	0.309	1	3	8974	0	KED
	Cd	114	24.948	ug/L	0.097	0	3	22827	0	KED
>	In	115		ug/L			1438888	1472178	1	Standard
	Ag	107	25.132	ug/L	0.200	0	55	530171	1	Standard
	Sb	121	0.100	ug/L	0.006	5	380	2737	6	Standard
	Sb	123	0.098	ug/L	0.006	6	357	2083	4	Standard
	Ba	135	27.128	ug/L	0.194	0	38	235622	1	Standard
	Ba	137	26.435	ug/L	0.267	1	69	399936	1	Standard
>	Tb	159		ug/L			3033563	2853275	0	Standard
	Tl	205	26.980	ug/L	0.061	0	71	2705908	0	Standard
	Pb	208	23.157	ug/L	0.258	1	536	3042948	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 04:59:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1169711	0	Standard
	Be	9	23.532	ug/L	0.462	1	10	179146	1	Standard
	C	13		ug/L			23319	50277	1	Standard
	Cl	37		ug/L			7703668	7277860	0	Standard
>	Sc	45		ug/L			1469921	1363104	1	Standard
	Al	27	4739.358	ug/L	56.669	1	3506	131751212	1	Standard
	V	51	21.507	ug/L	0.209	0	6451	717752	1	Standard
	V-1	51	21.701	ug/L	0.243	1	292	721795	1	Standard
	Cr	52	21.772	ug/L	0.212	0	18849	641533	2	Standard
	Cr	53	22.396	ug/L	0.078	0	160	73786	1	Standard
	Mn	55	24.018	ug/L	0.487	2	1532	1075736	1	Standard
>	Ge	72		ug/L			100573	79805	0	KED
	Ni	60	24.874	ug/L	0.119	0	23	35331	0	KED
	Ni	62	25.163	ug/L	0.496	1	6	5893	2	KED
	Cu	63	25.179	ug/L	0.150	0	98	104127	1	KED
	Cu	65	25.347	ug/L	0.261	1	45	51487	1	KED
	Zn	66	87.923	ug/L	0.398	0	73	54510	0	KED
	Zn	67	83.848	ug/L	0.535	0	12	8544	1	KED
	As	75	24.350	ug/L	0.419	1	4	7262	2	KED
	Se	78	77.067	ug/L	1.344	1	13	2599	1	KED
	Y	89		ug/L			804838	737104	2	Standard
	Kr	83		ug/L			330	337	3	Standard
>	In-1	115		ug/L			28284	22316	0	KED
	Mo	98	0.400	ug/L	0.038	9	7	615	9	KED
	Cd	111	25.907	ug/L	0.097	0	3	8986	0	KED
	Cd	114	26.143	ug/L	0.145	0	3	23462	0	KED
>	In	115		ug/L			1438888	1480111	1	Standard
	Ag	107	24.997	ug/L	0.383	1	55	530241	2	Standard
	Sb	121	0.083	ug/L	0.001	0	380	2347	0	Standard
	Sb	123	0.080	ug/L	0.004	5	357	1785	3	Standard
	Ba	135	26.811	ug/L	0.327	1	38	234127	1	Standard
	Ba	137	26.189	ug/L	0.336	1	69	398328	0	Standard
>	Tb	159		ug/L			3033563	2804084	0	Standard
	Tl	205	27.333	ug/L	0.398	1	71	2693843	1	Standard
	Pb	208	23.460	ug/L	0.310	1	536	3029682	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:07:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1214720	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	40	10	5	33	Standard
	C	**13**		ug/L			23319	22047	1	Standard
	Cl	**37**		ug/L			7703668	7358064	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1284967	0	Standard
⌈	**Al**	**27**	**0.032**	ug/L	0.003	10	3506	3907	1	Standard
⌈	**V**	**51**	**-0.038**	ug/L	0.001	3	6451	4441	1	Standard
⌈	**V-1**	**51**	**-0.003**	ug/L	0.001	20	292	171	9	Standard
⌈	**Cr**	**52**	**-0.124**	ug/L	0.006	4	18849	13115	1	Standard
⌈	**Cr**	**53**	**-0.008**	ug/L	0.002	26	160	116	5	Standard
⌊	**Mn**	**55**	**0.017**	ug/L	0.000	2	1532	2058	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	81638	1	KED
⌈	**Ni**	**60**	**0.036**	ug/L	0.003	6	23	71	4	KED
⌈	**Ni**	**62**	**0.044**	ug/L	0.035	78	6	15	54	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.003	1043	98	78	11	KED
⌈	**Cu**	**65**	**-0.000**	ug/L	0.000	157	45	36	0	KED
⌈	**Zn**	**66**	**0.039**	ug/L	0.031	80	73	84	24	KED
⌈	**Zn**	**67**	**0.070**	ug/L	0.029	41	12	17	19	KED
⌈	**As**	**75**	**0.000**	ug/L	0.006	2129	4	3	45	KED
⌊	**Se**	**78**	**-0.024**	ug/L	0.084	342	13	10	26	KED
	Y	**89**		ug/L			804838	715658	0	Standard
	Kr	**83**		ug/L			330	324	4	Standard
⌈>	**In-1**	**115**		ug/L			28284	22688	0	KED
⌈	**Mo**	**98**	**-0.003**	ug/L	0.001	20	7	1	87	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.006	371	3	2	78	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.001	63	3	4	26	KED
⌈>	**In**	**115**		ug/L			1438888	1455731	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	69	55	45	17	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.001	5	380	81	19	Standard
⌈	**Sb**	**123**	**-0.017**	ug/L	0.000	1	357	65	8	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.001	32	38	55	10	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.002	92	69	97	26	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2721369	1	Standard
⌈	**Tl**	**205**	**0.000**	ug/L	0.000	35	71	95	10	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	93	536	532	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:12:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1210787	0	Standard
	Be	**9**	**46.677**	ug/L	0.729	1	10	367806	0	Standard
	C	**13**		ug/L			23319	22594	1	Standard
	Cl	**37**		ug/L			7703668	7552564	0	Standard
>	**Sc**	**45**		ug/L			1469921	1308951	1	Standard
	Al	**27**	**4976.072**	ug/L	121.806	2	3506	132855412	2	Standard
	V	**51**	**44.666**	ug/L	0.532	1	6451	1425227	0	Standard
	V-1	**51**	**44.933**	ug/L	0.414	0	292	1434895	0	Standard
	Cr	**52**	**44.878**	ug/L	0.178	0	18849	1251929	1	Standard
	Cr	**53**	**45.737**	ug/L	0.440	0	160	144559	1	Standard
	Mn	**55**	**47.454**	ug/L	2.324	4	1532	2040640	5	Standard
>	**Ge**	**72**		ug/L			100573	82981	0	KED
	Ni	**60**	**48.339**	ug/L	1.064	2	23	71368	1	KED
	Ni	**62**	**48.086**	ug/L	0.185	0	6	11705	0	KED
	Cu	**63**	**48.830**	ug/L	0.480	0	98	209890	1	KED
	Cu	**65**	**49.323**	ug/L	0.852	1	45	104139	1	KED
	Zn	**66**	**49.563**	ug/L	0.627	1	73	31977	0	KED
	Zn	**67**	**49.255**	ug/L	1.671	3	12	5222	2	KED
	As	**75**	**47.893**	ug/L	0.723	1	4	14846	1	KED
	Se	**78**	**48.835**	ug/L	0.736	1	13	1716	0	KED
	Y	**89**		ug/L			804838	730147	1	Standard
	Kr	**83**		ug/L			330	340	6	Standard
>	**In-1**	**115**		ug/L			28284	22913	1	KED
	Mo	**98**	**49.323**	ug/L	0.517	1	7	77180	0	KED
	Cd	**111**	**50.007**	ug/L	0.740	1	3	17805	0	KED
	Cd	**114**	**50.254**	ug/L	1.357	2	3	46298	1	KED
>	**In**	**115**		ug/L			1438888	1458454	1	Standard
	Ag	**107**	**49.050**	ug/L	1.591	3	55	1025168	3	Standard
	Sb	**121**	**49.658**	ug/L	0.838	1	380	1153914	2	Standard
	Sb	**123**	**50.741**	ug/L	0.658	1	357	883376	2	Standard
	Ba	**135**	**41.199**	ug/L	0.564	1	38	354474	0	Standard
	Ba	**137**	**40.394**	ug/L	0.565	1	69	605385	0	Standard
>	**Tb**	**159**		ug/L			3033563	2810797	0	Standard
	Tl	**205**	**52.147**	ug/L	0.131	0	71	5152039	0	Standard
	Pb	**208**	**50.187**	ug/L	0.360	0	536	6496005	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:20:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1227806	0	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	41	10	5	33	Standard
	C	**13**		ug/L			23319	21840	3	Standard
	Cl	**37**		ug/L			7703668	7474176	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1294506	1	Standard
⌈	**Al**	**27**	**0.044**	ug/L	0.003	6	3506	4244	0	Standard
⌈	**V**	**51**	**-0.043**	ug/L	0.003	7	6451	4322	2	Standard
⌈	**V-1**	**51**	**-0.004**	ug/L	0.000	1	292	140	1	Standard
⌈	**Cr**	**52**	**-0.139**	ug/L	0.010	7	18849	12823	2	Standard
⌈	**Cr**	**53**	**-0.010**	ug/L	0.002	16	160	111	4	Standard
⌊	**Mn**	**55**	**0.017**	ug/L	0.001	4	1532	2064	1	Standard
⌈>	**Ge**	**72**		ug/L			100573	82975	0	KED
⌈	**Ni**	**60**	**0.042**	ug/L	0.007	15	23	80	11	KED
⌈	**Ni**	**62**	**0.033**	ug/L	0.008	24	6	13	14	KED
⌈	**Cu**	**63**	**-0.002**	ug/L	0.002	85	98	71	11	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.001	60	45	33	6	KED
⌈	**Zn**	**66**	**0.017**	ug/L	0.016	93	73	71	14	KED
⌈	**Zn**	**67**	**0.038**	ug/L	0.089	234	12	13	67	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.002	243	4	3	20	KED
⌊	**Se**	**78**	**-0.114**	ug/L	0.062	54	13	7	29	KED
	Y	**89**		ug/L			804838	716069	0	Standard
	Kr	**83**		ug/L			330	348	8	Standard
⌈>	**In-1**	**115**		ug/L			28284	23221	1	KED
⌈	**Mo**	**98**	**0.007**	ug/L	0.004	63	7	17	39	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.004	397	3	3	41	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	57	3	0	206	KED
⌈>	**In**	**115**		ug/L			1438888	1477419	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	183	55	62	15	Standard
⌈	**Sb**	**121**	**0.043**	ug/L	0.004	8	380	1398	5	Standard
⌈	**Sb**	**123**	**0.043**	ug/L	0.004	8	357	1126	6	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.001	66	38	58	20	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	77	69	96	20	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2738791	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.001	29	71	248	22	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	20	536	647	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-07
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:24:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1216946	2	Standard
	Be	9	0.002	ug/L	0.001	64	10	24	37	Standard
	C	13		ug/L			23319	48118	0	Standard
	Cl	37		ug/L			7703668	7040230	0	Standard
>	Sc	45		ug/L			1469921	1383145	0	Standard
	Al	27	40.588	ug/L	0.303	0	3506	1148317	0	Standard
	V	51	0.204	ug/L	0.009	4	6451	12919	2	Standard
	V-1	51	0.252	ug/L	0.005	2	292	8780	2	Standard
	Cr	52	0.121	ug/L	0.007	5	18849	21270	0	Standard
	Cr	53	0.278	ug/L	0.011	3	160	1080	3	Standard
	Mn	55	0.693	ug/L	0.006	0	1532	32896	0	Standard
>	Ge	72		ug/L			100573	83379	0	KED
	Ni	60	0.311	ug/L	0.024	7	23	480	6	KED
	Ni	62	0.311	ug/L	0.057	18	6	81	16	KED
	Cu	63	3.210	ug/L	0.083	2	98	13938	1	KED
	Cu	65	3.213	ug/L	0.081	2	45	6851	1	KED
	Zn	66	61.879	ug/L	0.875	1	73	40097	0	KED
	Zn	67	58.965	ug/L	1.534	2	12	6282	3	KED
	As	75	0.183	ug/L	0.020	10	4	60	9	KED
	Se	78	0.087	ug/L	0.028	32	13	14	7	KED
	Y	89		ug/L			804838	728848	1	Standard
	Kr	83		ug/L			330	330	11	Standard
>	In-1	115		ug/L			28284	23178	1	KED
	Mo	98	0.512	ug/L	0.017	3	7	816	2	KED
	Cd	111	0.305	ug/L	0.019	6	3	113	7	KED
	Cd	114	0.296	ug/L	0.013	4	3	278	3	KED
>	In	115		ug/L			1438888	1481900	1	Standard
	Ag	107	0.003	ug/L	0.000	8	55	125	3	Standard
	Sb	121	0.083	ug/L	0.002	2	380	2351	1	Standard
	Sb	123	0.083	ug/L	0.002	2	357	1836	2	Standard
	Ba	135	5.173	ug/L	0.073	1	38	45253	0	Standard
	Ba	137	5.138	ug/L	0.027	0	69	78313	1	Standard
>	Tb	159		ug/L			3033563	2787067	1	Standard
	Tl	205	0.004	ug/L	0.000	4	71	445	4	Standard
	Pb	208	0.022	ug/L	0.001	4	536	3276	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-08
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:29:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1203822	3	Standard
	Be	9	0.001	ug/L	0.000	29	10	19	17	Standard
	C	13		ug/L			23319	49133	2	Standard
	Cl	37		ug/L			7703668	7028552	0	Standard
>	Sc	45		ug/L			1469921	1369984	1	Standard
	Al	27	11.617	ug/L	0.228	1	3506	327852	1	Standard
	V	51	0.134	ug/L	0.005	3	6451	10461	0	Standard
	V-1	51	0.177	ug/L	0.003	1	292	6200	0	Standard
	Cr	52	-0.013	ug/L	0.012	91	18849	17179	1	Standard
	Cr	53	0.130	ug/L	0.007	5	160	578	3	Standard
	Mn	55	1.843	ug/L	0.030	1	1532	84279	0	Standard
>	Ge	72		ug/L			100573	82935	1	KED
	Ni	60	0.252	ug/L	0.005	1	23	390	1	KED
	Ni	62	0.271	ug/L	0.052	19	6	71	17	KED
	Cu	63	7.931	ug/L	0.059	0	98	34138	1	KED
	Cu	65	8.015	ug/L	0.019	0	45	16944	1	KED
	Zn	66	54.459	ug/L	1.194	2	73	35105	1	KED
	Zn	67	51.714	ug/L	0.889	1	12	5479	1	KED
	As	75	0.104	ug/L	0.010	9	4	36	9	KED
	Se	78	0.016	ug/L	0.033	202	13	11	10	KED
	Y	89		ug/L			804838	726932	0	Standard
	Kr	83		ug/L			330	307	8	Standard
>	In-1	115		ug/L			28284	22914	1	KED
	Mo	98	0.788	ug/L	0.027	3	7	1239	4	KED
	Cd	111	0.410	ug/L	0.028	6	3	148	6	KED
	Cd	114	0.414	ug/L	0.023	5	3	384	6	KED
>	In	115		ug/L			1438888	1445304	2	Standard
	Ag	107	0.002	ug/L	0.001	53	55	100	22	Standard
	Sb	121	0.068	ug/L	0.003	4	380	1948	2	Standard
	Sb	123	0.067	ug/L	0.005	6	357	1519	3	Standard
	Ba	135	3.566	ug/L	0.055	1	38	30434	1	Standard
	Ba	137	3.479	ug/L	0.054	1	69	51730	0	Standard
>	Tb	159		ug/L			3033563	2784892	0	Standard
	Tl	205	0.005	ug/L	0.000	6	71	564	5	Standard
	Pb	208	0.013	ug/L	0.001	6	536	2195	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-09
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:33:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1226228	2	Standard
	Be	9	0.002	ug/L	0.001	71	10	25	42	Standard
	C	13		ug/L			23319	47442	0	Standard
	Cl	37		ug/L			7703668	7016742	0	Standard
>	Sc	45		ug/L			1469921	1370318	1	Standard
	Al	27	8.816	ug/L	0.244	2	3506	249602	1	Standard
	V	51	-0.033	ug/L	0.002	7	6451	4929	1	Standard
	V-1	51	0.030	ug/L	0.002	5	292	1278	3	Standard
	Cr	52	-0.069	ug/L	0.007	10	18849	15585	2	Standard
	Cr	53	0.134	ug/L	0.005	3	160	593	3	Standard
	Mn	55	7.178	ug/L	0.137	1	1532	324211	0	Standard
>	Ge	72		ug/L			100573	81123	1	KED
	Ni	60	0.634	ug/L	0.021	3	23	934	4	KED
	Ni	62	0.653	ug/L	0.035	5	6	160	6	KED
	Cu	63	1.281	ug/L	0.016	1	98	5461	0	KED
	Cu	65	1.301	ug/L	0.030	2	45	2719	1	KED
	Zn	66	46.982	ug/L	0.424	0	73	29637	1	KED
	Zn	67	45.781	ug/L	0.228	0	12	4746	1	KED
	As	75	0.011	ug/L	0.003	24	4	6	10	KED
	Se	78	-0.102	ug/L	0.018	17	13	7	6	KED
	Y	89		ug/L			804838	732899	0	Standard
	Kr	83		ug/L			330	330	9	Standard
>	In-1	115		ug/L			28284	22617	0	KED
	Mo	98	0.070	ug/L	0.007	9	7	114	9	KED
	Cd	111	0.411	ug/L	0.039	9	3	147	9	KED
	Cd	114	0.375	ug/L	0.026	6	3	343	6	KED
>	In	115		ug/L			1438888	1481852	2	Standard
	Ag	107	-0.000	ug/L	0.001	275	55	52	19	Standard
	Sb	121	0.051	ug/L	0.002	4	380	1600	5	Standard
	Sb	123	0.051	ug/L	0.002	4	357	1270	3	Standard
	Ba	135	27.055	ug/L	0.950	3	38	236426	1	Standard
	Ba	137	26.300	ug/L	0.679	2	69	400390	1	Standard
>	Tb	159		ug/L			3033563	2791980	0	Standard
	Tl	205	0.013	ug/L	0.000	2	71	1299	2	Standard
	Pb	208	0.001	ug/L	0.000	8	536	674	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-10
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:38:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1211351	2	Standard
	Be	9	0.006	ug/L	0.002	37	10	55	29	Standard
	C	13		ug/L			23319	47739	1	Standard
	Cl	37		ug/L			7703668	7308916	0	Standard
>	Sc	45		ug/L			1469921	1391388	0	Standard
	Al	27	27.749	ug/L	0.316	1	3506	790746	0	Standard
	V	51	0.466	ug/L	0.016	3	6451	21847	1	Standard
	V-1	51	0.519	ug/L	0.012	2	292	17882	1	Standard
	Cr	52	0.009	ug/L	0.016	171	18849	18114	1	Standard
	Cr	53	0.187	ug/L	0.005	2	160	779	2	Standard
	Mn	55	59.493	ug/L	0.614	1	1532	2718077	0	Standard
>	Ge	72		ug/L			100573	78239	1	KED
	Ni	60	0.354	ug/L	0.023	6	23	511	6	KED
	Ni	62	0.366	ug/L	0.030	8	6	88	7	KED
	Cu	63	0.404	ug/L	0.022	5	98	1713	4	KED
	Cu	65	0.417	ug/L	0.004	1	45	865	1	KED
	Zn	66	1.338	ug/L	0.093	6	73	869	6	KED
	Zn	67	4.606	ug/L	0.323	7	12	469	7	KED
	As	75	0.100	ug/L	0.011	10	4	32	10	KED
	Se	78	0.127	ug/L	0.017	13	13	14	2	KED
	Y	89		ug/L			804838	715958	1	Standard
	Kr	83		ug/L			330	332	2	Standard
>	In-1	115		ug/L			28284	21650	0	KED
	Mo	98	4.327	ug/L	0.043	0	7	6403	0	KED
	Cd	111	0.013	ug/L	0.010	76	3	7	45	KED
	Cd	114	0.023	ug/L	0.007	31	3	22	27	KED
>	In	115		ug/L			1438888	1405228	0	Standard
	Ag	107	-0.000	ug/L	0.001	217	55	46	35	Standard
	Sb	121	0.077	ug/L	0.003	3	380	2094	2	Standard
	Sb	123	0.078	ug/L	0.003	4	357	1650	3	Standard
	Ba	135	50.315	ug/L	0.282	0	38	417153	0	Standard
	Ba	137	49.407	ug/L	0.290	0	69	713492	0	Standard
>	Tb	159		ug/L			3033563	2736908	0	Standard
	Tl	205	0.003	ug/L	0.000	9	71	325	6	Standard
	Pb	208	0.017	ug/L	0.000	1	536	2607	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-11
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:42:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1211182	0	Standard
	Be	9	0.004	ug/L	0.001	22	10	40	16	Standard
	C	13		ug/L			23319	46744	1	Standard
	Cl	37		ug/L			7703668	6917478	0	Standard
>	Sc	45		ug/L			1469921	1425800	1	Standard
	Al	27	102.611	ug/L	1.107	1	3506	2987168	0	Standard
	V	51	-0.017	ug/L	0.001	7	6451	5678	1	Standard
	V-1	51	0.040	ug/L	0.000	1	292	1680	0	Standard
	Cr	52	-0.056	ug/L	0.003	6	18849	16610	0	Standard
	Cr	53	0.129	ug/L	0.005	3	160	598	2	Standard
	Mn	55	886.907	ug/L	14.936	1	1532	41499359	0	Standard
>	Ge	72		ug/L			100573	76371	1	KED
	Ni	60	8.844	ug/L	0.127	1	23	12031	0	KED
	Ni	62	8.814	ug/L	0.234	2	6	1979	4	KED
	Cu	63	16.475	ug/L	0.239	1	98	65217	1	KED
	Cu	65	16.713	ug/L	0.398	2	45	32490	0	KED
	Zn	66	1899.035	ug/L	21.097	1	73	1125457	1	KED
	Zn	67	1771.089	ug/L	12.300	0	12	172525	1	KED
	As	75	0.034	ug/L	0.006	17	4	13	11	KED
	Se	78	0.181	ug/L	0.161	88	13	16	31	KED
	Y	89		ug/L			804838	768482	0	Standard
	Kr	83		ug/L			330	365	7	Standard
>	In-1	115		ug/L			28284	21748	0	KED
	Mo	98	0.059	ug/L	0.009	15	7	93	15	KED
	Cd	111	20.333	ug/L	0.510	2	3	6874	3	KED
	Cd	114	20.486	ug/L	0.198	0	3	17917	0	KED
>	In	115		ug/L			1438888	1458553	1	Standard
	Ag	107	0.004	ug/L	0.001	18	55	132	9	Standard
	Sb	121	0.014	ug/L	0.002	12	380	719	7	Standard
	Sb	123	0.012	ug/L	0.001	7	357	568	1	Standard
	Ba	135	29.386	ug/L	0.119	0	38	252888	0	Standard
	Ba	137	28.727	ug/L	0.196	0	69	430598	0	Standard
>	Tb	159		ug/L			3033563	2886732	0	Standard
	Tl	205	0.017	ug/L	0.000	1	71	1837	0	Standard
	Pb	208	0.004	ug/L	0.000	6	536	1030	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-12
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:47:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1274673	1150760	0	Standard
[	**Be**	**9**	**0.004**	ug/L	0.001	20	10	41	16	Standard
	C	**13**		ug/L			23319	48950	2	Standard
	Cl	**37**		ug/L			7703668	6469906	0	Standard
[>	**Sc**	**45**		ug/L			1469921	1379096	2	Standard
[	**Al**	**27**	**13.652**	ug/L	0.160	1	3506	387244	1	Standard
[	**V**	**51**	**0.158**	ug/L	0.008	5	6451	11347	1	Standard
[	**V-1**	**51**	**0.218**	ug/L	0.006	2	292	7600	1	Standard
[	**Cr**	**52**	**-0.008**	ug/L	0.008	112	18849	17463	0	Standard
[	**Cr**	**53**	**0.188**	ug/L	0.003	1	160	774	1	Standard
[	**Mn**	**55**	**483.504**	ug/L	9.937	2	1532	21879762	0	Standard
[>	**Ge**	**72**		ug/L			100573	75247	0	KED
[	**Ni**	**60**	**1.061**	ug/L	0.035	3	23	1438	4	KED
[	**Ni**	**62**	**1.006**	ug/L	0.088	8	6	226	8	KED
[	**Cu**	**63**	**0.755**	ug/L	0.031	4	98	3014	3	KED
[	**Cu**	**65**	**0.726**	ug/L	0.020	2	45	1422	2	KED
[	**Zn**	**66**	**30.147**	ug/L	0.495	1	73	17658	1	KED
[	**Zn**	**67**	**28.904**	ug/L	1.069	3	12	2783	4	KED
[	**As**	**75**	**6.772**	ug/L	0.137	2	4	1906	1	KED
[	**Se**	**78**	**-0.086**	ug/L	0.054	63	13	7	22	KED
	Y	**89**		ug/L			804838	745773	0	Standard
	Kr	**83**		ug/L			330	342	6	Standard
[>	**In-1**	**115**		ug/L			28284	21033	1	KED
[	**Mo**	**98**	**1.948**	ug/L	0.047	2	7	2803	2	KED
[	**Cd**	**111**	**0.158**	ug/L	0.011	6	3	54	6	KED
[	**Cd**	**114**	**0.164**	ug/L	0.012	7	3	140	6	KED
[>	**In**	**115**		ug/L			1438888	1450157	0	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.000	64	55	62	8	Standard
[	**Sb**	**121**	**-0.001**	ug/L	0.001	81	380	360	5	Standard
[	**Sb**	**123**	**-0.004**	ug/L	0.002	41	357	284	11	Standard
[	**Ba**	**135**	**17.938**	ug/L	0.144	0	38	153499	0	Standard
[	**Ba**	**137**	**17.793**	ug/L	0.188	1	69	265197	0	Standard
[>	**Tb**	**159**		ug/L			3033563	2973655	1	Standard
[	**Tl**	**205**	**0.020**	ug/L	0.001	3	71	2162	3	Standard
[	**Pb**	**208**	**0.001**	ug/L	0.000	3	536	711	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-13
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:52:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1205416	1	Standard
[	Be	9	-0.001	ug/L	0.000	30	10	3	50	Standard
	C	13		ug/L			23319	45336	1	Standard
	Cl	37		ug/L			7703668	7195376	0	Standard
[>	Sc	45		ug/L			1469921	1350627	0	Standard
[	Al	27	5.903	ug/L	0.186	3	3506	165845	3	Standard
[	V	51	0.772	ug/L	0.014	1	6451	31260	1	Standard
[	V-1	51	0.827	ug/L	0.014	1	292	27506	2	Standard
[	Cr	52	0.130	ug/L	0.006	4	18849	21011	1	Standard
[	Cr	53	0.315	ug/L	0.024	7	160	1173	6	Standard
[	Mn	55	1.902	ug/L	0.014	0	1532	85727	1	Standard
[>	Ge	72		ug/L			100573	76963	0	KED
[	Ni	60	0.196	ug/L	0.013	6	23	286	5	KED
[	Ni	62	0.198	ug/L	0.059	29	6	49	26	KED
[	Cu	63	0.201	ug/L	0.013	6	98	874	5	KED
[	Cu	65	0.208	ug/L	0.004	2	45	442	2	KED
[	Zn	66	0.548	ug/L	0.003	0	73	383	0	KED
[	Zn	67	1.917	ug/L	0.227	11	12	197	11	KED
[	As	75	0.058	ug/L	0.011	18	4	20	15	KED
[	Se	78	0.136	ug/L	0.051	37	13	14	10	KED
	Y	89		ug/L			804838	698623	1	Standard
	Kr	83		ug/L			330	307	6	Standard
[>	In-1	115		ug/L			28284	21241	0	KED
[	Mo	98	1.915	ug/L	0.044	2	7	2784	2	KED
[	Cd	111	0.012	ug/L	0.005	43	3	6	24	KED
[	Cd	114	0.009	ug/L	0.006	62	3	10	48	KED
[>	In	115		ug/L			1438888	1407324	1	Standard
[	Ag	107	-0.000	ug/L	0.000	550	55	52	15	Standard
[	Sb	121	0.026	ug/L	0.002	8	380	963	4	Standard
[	Sb	123	0.026	ug/L	0.000	1	357	778	0	Standard
[	Ba	135	21.586	ug/L	0.254	1	38	179239	0	Standard
[	Ba	137	21.074	ug/L	0.333	1	69	304789	0	Standard
[>	Tb	159		ug/L			3033563	2750251	1	Standard
[	Tl	205	0.003	ug/L	0.000	8	71	323	5	Standard
[	Pb	208	0.006	ug/L	0.000	1	536	1186	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-14
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 05:57:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1274673	1092466	1	Standard
[	Be	9	0.044	ug/L	0.006	12	10	325	11	Standard
	C	13		ug/L			23319	46736	1	Standard
	Cl	37		ug/L			7703668	6455710	0	Standard
[>	Sc	45		ug/L			1469921	1359870	2	Standard
[	Al	27	1470.788	ug/L	26.680	1	3506	40788778	2	Standard
[	V	51	-0.038	ug/L	0.004	9	6451	4700	0	Standard
[	V-1	51	0.023	ug/L	0.001	6	292	1016	1	Standard
[	Cr	52	-0.071	ug/L	0.009	13	18849	15392	1	Standard
[	Cr	53	0.126	ug/L	0.001	1	160	560	1	Standard
[	Mn	55	1000.196	ug/L	10.682	1	1532	44634214	1	Standard
[>	Ge	72		ug/L			100573	72830	2	KED
[	Ni	60	8.290	ug/L	0.228	2	23	10752	0	KED
[	Ni	62	8.318	ug/L	0.222	2	6	1781	3	KED
[	Cu	63	11.227	ug/L	0.239	2	98	42401	2	KED
[	Cu	65	11.357	ug/L	0.133	1	45	21068	1	KED
[	Zn	66	163.843	ug/L	3.294	2	73	92634	0	KED
[	Zn	67	156.080	ug/L	0.376	0	12	14508	2	KED
[	As	75	0.037	ug/L	0.007	17	4	13	14	KED
[	Se	78	0.200	ug/L	0.100	49	13	16	17	KED
	Y	89		ug/L			804838	860010	1	Standard
	Kr	83		ug/L			330	324	11	Standard
[>	In-1	115		ug/L			28284	20989	0	KED
[	Mo	98	0.020	ug/L	0.011	53	7	33	44	KED
[	Cd	111	1.443	ug/L	0.045	3	3	473	2	KED
[	Cd	114	1.454	ug/L	0.043	2	3	1229	3	KED
[>	In	115		ug/L			1438888	1371573	1	Standard
[	Ag	107	0.002	ug/L	0.001	38	55	83	15	Standard
[	Sb	121	0.024	ug/L	0.002	8	380	892	6	Standard
[	Sb	123	0.022	ug/L	0.001	3	357	694	0	Standard
[	Ba	135	27.844	ug/L	0.340	1	38	225325	2	Standard
[	Ba	137	27.523	ug/L	0.349	1	69	387914	1	Standard
[>	Tb	159		ug/L			3033563	2821011	1	Standard
[	Tl	205	0.015	ug/L	0.001	4	71	1520	5	Standard
[	Pb	208	0.014	ug/L	0.001	6	536	2277	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-15
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:03:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1030746	0	Standard
	Be	9	0.192	ug/L	0.009	4	10	1299	5	Standard
	C	13		ug/L			23319	41977	0	Standard
	Cl	37		ug/L			7703668	5959798	0	Standard
>	Sc	45		ug/L			1469921	1326284	0	Standard
	Al	27	9064.406	ug/L	130.670	1	3506	245194062	1	Standard
	V	51	-0.057	ug/L	0.002	3	6451	3978	1	Standard
	V-1	51	0.014	ug/L	0.001	4	292	710	2	Standard
	Cr	52	-0.157	ug/L	0.005	3	18849	12622	1	Standard
	Cr	53	0.074	ug/L	0.003	3	160	381	2	Standard
	Mn	55	1025.404	ug/L	4.373	0	1532	44635719	0	Standard
>	Ge	72		ug/L			100573	71657	1	KED
	Ni	60	16.757	ug/L	0.397	2	23	21372	1	KED
	Ni	62	16.871	ug/L	0.180	1	6	3549	1	KED
	Cu	63	106.615	ug/L	1.656	1	98	395603	0	KED
	Cu	65	107.700	ug/L	2.127	1	45	196294	0	KED
	Zn	66	514.934	ug/L	6.184	1	73	286379	0	KED
	Zn	67	483.358	ug/L	2.397	0	12	44185	0	KED
	As	75	0.115	ug/L	0.010	8	4	34	8	KED
	Se	78	0.313	ug/L	0.111	35	13	19	16	KED
	Y	89		ug/L			804838	1114987	0	Standard
	Kr	83		ug/L			330	382	1	Standard
>	In-1	115		ug/L			28284	20200	0	KED
	Mo	98	-0.000	ug/L	0.000	1241	7	5	4	KED
	Cd	111	3.442	ug/L	0.076	2	3	1082	1	KED
	Cd	114	3.517	ug/L	0.065	1	3	2858	2	KED
>	In	115		ug/L			1438888	1361854	1	Standard
	Ag	107	0.004	ug/L	0.000	7	55	139	4	Standard
	Sb	121	0.006	ug/L	0.002	31	380	495	7	Standard
	Sb	123	0.001	ug/L	0.001	118	357	356	6	Standard
	Ba	135	18.173	ug/L	0.097	0	38	146037	1	Standard
	Ba	137	18.147	ug/L	0.279	1	69	254035	2	Standard
>	Tb	159		ug/L			3033563	2827416	0	Standard
	Tl	205	0.107	ug/L	0.001	1	71	10665	1	Standard
	Pb	208	0.138	ug/L	0.001	0	536	18421	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLJ
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:11:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1195611	1	Standard
	Be	**9**	**-0.001**	ug/L	0.000	49	10	4	65	Standard
	C	**13**		ug/L			23319	22202	0	Standard
	Cl	**37**		ug/L			7703668	7232503	0	Standard
>	**Sc**	**45**		ug/L			1469921	1279524	1	Standard
	Al	**27**	**0.034**	ug/L	0.006	17	3506	3946	3	Standard
	V	**51**	**-0.051**	ug/L	0.003	5	6451	4032	1	Standard
	V-1	**51**	**-0.004**	ug/L	0.000	2	292	120	1	Standard
	Cr	**52**	**-0.163**	ug/L	0.012	7	18849	12032	1	Standard
	Cr	**53**	**-0.010**	ug/L	0.003	32	160	108	8	Standard
	Mn	**55**	**0.034**	ug/L	0.002	5	1532	2761	1	Standard
>	**Ge**	**72**		ug/L			100573	80632	1	KED
	Ni	**60**	**0.021**	ug/L	0.001	6	23	48	2	KED
	Ni	**62**	**0.019**	ug/L	0.022	113	6	9	52	KED
	Cu	**63**	**-0.006**	ug/L	0.002	42	98	54	20	KED
	Cu	**65**	**-0.001**	ug/L	0.002	139	45	33	8	KED
	Zn	**66**	**0.079**	ug/L	0.016	19	73	108	9	KED
	Zn	**67**	**0.066**	ug/L	0.045	68	12	16	29	KED
	As	**75**	**-0.003**	ug/L	0.008	233	4	2	81	KED
	Se	**78**	**-0.057**	ug/L	0.015	25	13	9	4	KED
	Y	**89**		ug/L			804838	725264	1	Standard
	Kr	**83**		ug/L			330	300	13	Standard
>	**In-1**	**115**		ug/L			28284	22602	2	KED
	Mo	**98**	**-0.003**	ug/L	0.001	41	7	1	112	KED
	Cd	**111**	**-0.004**	ug/L	0.002	40	3	1	34	KED
	Cd	**114**	**-0.001**	ug/L	0.002	332	3	1	108	KED
>	**In**	**115**		ug/L			1438888	1462350	2	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	55	55	35	34	Standard
	Sb	**121**	**-0.013**	ug/L	0.000	1	380	84	6	Standard
	Sb	**123**	**-0.017**	ug/L	0.000	2	357	72	8	Standard
	Ba	**135**	**0.002**	ug/L	0.002	102	38	59	37	Standard
	Ba	**137**	**0.001**	ug/L	0.001	62	69	90	15	Standard
>	**Tb**	**159**		ug/L			3033563	2747858	1	Standard
	Tl	**205**	**-0.000**	ug/L	0.000	39	71	42	20	Standard
	Pb	**208**	**-0.000**	ug/L	0.000	65	536	459	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:16:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1233902	1	Standard
	Be	9	46.454	ug/L	0.359	0	10	373067	1	Standard
	C	13		ug/L			23319	22899	1	Standard
	Cl	37		ug/L			7703668	7312733	0	Standard
>	Sc	45		ug/L			1469921	1321171	2	Standard
	Al	27	4835.306	ug/L	40.089	0	3506	130291769	1	Standard
	V	51	44.574	ug/L	0.809	1	6451	1435351	0	Standard
	V-1	51	45.001	ug/L	0.755	1	292	1450274	0	Standard
	Cr	52	44.761	ug/L	0.340	0	18849	1260220	1	Standard
	Cr	53	46.138	ug/L	0.255	0	160	147177	1	Standard
	Mn	55	47.331	ug/L	1.700	3	1532	2054200	4	Standard
>	Ge	72		ug/L			100573	82036	0	KED
	Ni	60	49.251	ug/L	0.153	0	23	71891	0	KED
	Ni	62	49.215	ug/L	0.482	0	6	11844	1	KED
	Cu	63	49.290	ug/L	0.490	0	98	209445	0	KED
	Cu	65	49.785	ug/L	0.444	0	45	103916	0	KED
	Zn	66	49.637	ug/L	0.806	1	73	31659	1	KED
	Zn	67	49.419	ug/L	0.972	1	12	5180	1	KED
	As	75	47.775	ug/L	0.415	0	4	14641	0	KED
	Se	78	48.477	ug/L	0.927	1	13	1685	2	KED
	Y	89		ug/L			804838	742022	1	Standard
	Kr	83		ug/L			330	341	7	Standard
>	In-1	115		ug/L			28284	22750	1	KED
	Mo	98	49.664	ug/L	0.359	0	7	77162	0	KED
	Cd	111	50.651	ug/L	0.341	0	3	17907	0	KED
	Cd	114	50.946	ug/L	0.662	1	3	46605	0	KED
>	In	115		ug/L			1438888	1489582	1	Standard
	Ag	107	49.815	ug/L	0.451	0	55	1063410	2	Standard
	Sb	121	49.420	ug/L	0.187	0	380	1172794	2	Standard
	Sb	123	51.371	ug/L	0.734	1	357	913276	2	Standard
	Ba	135	40.415	ug/L	0.171	0	38	355177	1	Standard
	Ba	137	40.008	ug/L	0.135	0	69	612431	1	Standard
>	Tb	159		ug/L			3033563	2838823	0	Standard
	Tl	205	52.611	ug/L	0.714	1	71	5249584	1	Standard
	Pb	208	50.336	ug/L	0.324	0	536	6580074	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:23:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1246075	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	194	10	9	20	Standard
	C	**13**		ug/L			23319	22026	1	Standard
	Cl	**37**		ug/L			7703668	7327459	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1305852	1	Standard
⌈	**Al**	**27**	**0.063**	ug/L	0.005	7	3506	4788	3	Standard
⌊	**V**	**51**	**-0.048**	ug/L	0.002	4	6451	4198	0	Standard
⌈	**V-1**	**51**	**-0.004**	ug/L	0.000	8	292	120	10	Standard
⌊	**Cr**	**52**	**-0.155**	ug/L	0.007	4	18849	12488	0	Standard
⌈	**Cr**	**53**	**-0.011**	ug/L	0.002	21	160	107	7	Standard
⌊	**Mn**	**55**	**0.027**	ug/L	0.002	6	1532	2525	3	Standard
⌈>	**Ge**	**72**		ug/L			100573	81366	1	KED
⌈	**Ni**	**60**	**0.026**	ug/L	0.001	2	23	57	0	KED
⌊	**Ni**	**62**	**0.026**	ug/L	0.007	27	6	11	16	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.002	493	98	78	10	KED
⌊	**Cu**	**65**	**-0.004**	ug/L	0.003	67	45	27	19	KED
⌈	**Zn**	**66**	**0.023**	ug/L	0.008	33	73	74	6	KED
⌊	**Zn**	**67**	**-0.002**	ug/L	0.020	936	12	9	20	KED
⌈	**As**	**75**	**0.001**	ug/L	0.003	309	4	3	18	KED
⌊	**Se**	**78**	**-0.121**	ug/L	0.018	14	13	6	7	KED
	Y	**89**		ug/L			804838	718575	0	Standard
	Kr	**83**		ug/L			330	289	5	Standard
⌈>	**In-1**	**115**		ug/L			28284	23151	1	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.003	67	7	12	34	KED
⌊	**Cd**	**111**	**-0.001**	ug/L	0.005	797	3	2	66	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	248	3	1	109	KED
⌈>	**In**	**115**		ug/L			1438888	1473716	0	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	33	55	70	7	Standard
⌈	**Sb**	**121**	**0.047**	ug/L	0.003	5	380	1488	4	Standard
⌊	**Sb**	**123**	**0.044**	ug/L	0.003	6	357	1144	5	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.002	138	38	48	27	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	62	69	94	14	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2722411	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	13	71	266	9	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	8	536	652	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-16
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:28:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1172543	0	Standard
	Be	9	0.001	ug/L	0.001	76	10	17	34	Standard
	C	13		ug/L			23319	45749	2	Standard
	Cl	37		ug/L			7703668	6915887	0	Standard
>	Sc	45		ug/L			1469921	1398016	2	Standard
	Al	27	6.012	ug/L	0.124	2	3506	174718	0	Standard
	V	51	0.079	ug/L	0.002	2	6451	8826	1	Standard
	V-1	51	0.148	ug/L	0.002	1	292	5330	0	Standard
	Cr	52	-0.078	ug/L	0.013	16	18849	15616	0	Standard
	Cr	53	0.147	ug/L	0.016	10	160	646	6	Standard
	Mn	55	861.441	ug/L	33.974	3	1532	39505769	2	Standard
>	Ge	72		ug/L			100573	75170	0	KED
	Ni	60	0.167	ug/L	0.018	10	23	241	9	KED
	Ni	62	0.177	ug/L	0.047	26	6	43	23	KED
	Cu	63	0.070	ug/L	0.004	5	98	345	4	KED
	Cu	65	0.094	ug/L	0.016	17	45	212	14	KED
	Zn	66	0.555	ug/L	0.067	12	73	379	10	KED
	Zn	67	1.251	ug/L	0.134	10	12	128	9	KED
	As	75	0.085	ug/L	0.005	5	4	27	4	KED
	Se	78	-0.079	ug/L	0.075	94	13	7	30	KED
	Y	89		ug/L			804838	709774	1	Standard
	Kr	83		ug/L			330	309	6	Standard
>	In-1	115		ug/L			28284	21118	1	KED
	Mo	98	0.279	ug/L	0.017	6	7	408	4	KED
	Cd	111	0.037	ug/L	0.014	38	3	14	30	KED
	Cd	114	0.031	ug/L	0.013	41	3	28	38	KED
>	In	115		ug/L			1438888	1405598	1	Standard
	Ag	107	0.043	ug/L	0.001	2	55	927	2	Standard
	Sb	121	0.020	ug/L	0.001	5	380	826	3	Standard
	Sb	123	0.015	ug/L	0.001	4	357	608	1	Standard
	Ba	135	12.918	ug/L	0.019	0	38	107150	0	Standard
	Ba	137	12.588	ug/L	0.153	1	69	181872	0	Standard
>	Tb	159		ug/L			3033563	2696192	0	Standard
	Tl	205	0.002	ug/L	0.001	24	71	277	19	Standard
	Pb	208	0.006	ug/L	0.000	4	536	1266	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-17
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:33:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1008029	2	Standard
	Be	9	0.241	ug/L	0.016	6	10	1586	6	Standard
	C	13		ug/L			23319	40302	0	Standard
	Cl	37		ug/L			7703668	5745602	0	Standard
>	Sc	45		ug/L			1469921	1267661	1	Standard
	Al	27	12923.527	ug/L	284.876	2	3506	334090601	1	Standard
	V	51	-0.036	ug/L	0.002	6	6451	4463	1	Standard
	V-1	51	0.034	ug/L	0.001	4	292	1296	2	Standard
	Cr	52	-0.063	ug/L	0.006	9	18849	14579	0	Standard
	Cr	53	0.162	ug/L	0.003	1	160	634	0	Standard
	Mn	55	1232.872	ug/L	22.678	1	1532	51286131	0	Standard
>	Ge	72		ug/L			100573	70247	0	KED
	Ni	60	14.868	ug/L	0.124	0	23	18595	1	KED
	Ni	62	14.997	ug/L	0.469	3	6	3093	3	KED
	Cu	63	85.972	ug/L	0.254	0	98	312784	0	KED
	Cu	65	88.353	ug/L	0.028	0	45	157897	0	KED
	Zn	66	932.231	ug/L	8.152	0	73	508282	1	KED
	Zn	67	870.318	ug/L	2.876	0	12	77990	0	KED
	As	75	0.169	ug/L	0.017	10	4	47	10	KED
	Se	78	0.605	ug/L	0.067	11	13	27	7	KED
	Y	89		ug/L			804838	1226292	1	Standard
	Kr	83		ug/L			330	434	5	Standard
>	In-1	115		ug/L			28284	19625	1	KED
	Mo	98	0.017	ug/L	0.008	46	7	27	37	KED
	Cd	111	6.528	ug/L	0.291	4	3	1992	3	KED
	Cd	114	6.697	ug/L	0.191	2	3	5288	3	KED
>	In	115		ug/L			1438888	1335231	0	Standard
	Ag	107	0.012	ug/L	0.002	13	55	276	12	Standard
	Sb	121	0.015	ug/L	0.001	7	380	681	4	Standard
	Sb	123	0.012	ug/L	0.001	11	357	523	3	Standard
	Ba	135	46.732	ug/L	0.467	1	38	368158	1	Standard
	Ba	137	47.038	ug/L	0.538	1	69	645421	1	Standard
>	Tb	159		ug/L			3033563	2698337	0	Standard
	Tl	205	0.104	ug/L	0.001	0	71	9959	0	Standard
	Pb	208	0.045	ug/L	0.001	1	536	6129	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-21
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:38:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1274673	1196709	1	Standard
	Be	9	0.002	ug/L	0.001	38	10	28	24	Standard
	C	13		ug/L			23319	46207	1	Standard
	Cl	37		ug/L			7703668	6650064	0	Standard
>	Sc	45		ug/L			1469921	1398268	0	Standard
	Al	27	26.669	ug/L	0.275	1	3506	763891	0	Standard
	V	51	0.018	ug/L	0.003	17	6451	6754	1	Standard
	V-1	51	0.080	ug/L	0.001	1	292	3011	0	Standard
	Cr	52	-0.127	ug/L	0.006	4	18849	14187	0	Standard
	Cr	53	0.075	ug/L	0.004	5	160	406	3	Standard
	Mn	55	2.353	ug/L	0.037	1	1532	109420	0	Standard
>	Ge	72		ug/L			100573	78451	0	KED
	Ni	60	1.965	ug/L	0.075	3	23	2760	3	KED
	Ni	62	2.027	ug/L	0.073	3	6	471	3	KED
	Cu	63	38.526	ug/L	0.532	1	98	156569	0	KED
	Cu	65	38.909	ug/L	0.662	1	45	77675	1	KED
	Zn	66	498.130	ug/L	3.614	0	73	303330	0	KED
	Zn	67	466.021	ug/L	2.980	0	12	46641	0	KED
	As	75	0.071	ug/L	0.015	20	4	24	17	KED
	Se	78	0.083	ug/L	0.052	62	13	13	12	KED
	Y	89		ug/L			804838	750996	1	Standard
	Kr	83		ug/L			330	293	7	Standard
>	In-1	115		ug/L			28284	22411	0	KED
	Mo	98	0.132	ug/L	0.010	7	7	208	6	KED
	Cd	111	2.506	ug/L	0.123	4	3	875	4	KED
	Cd	114	2.524	ug/L	0.037	1	3	2276	1	KED
>	In	115		ug/L			1438888	1544053	1	Standard
	Ag	107	0.003	ug/L	0.001	22	55	121	10	Standard
	Sb	121	0.069	ug/L	0.003	4	380	2106	2	Standard
	Sb	123	0.065	ug/L	0.003	4	357	1589	2	Standard
	Ba	135	12.118	ug/L	0.054	0	38	110415	0	Standard
	Ba	137	11.937	ug/L	0.044	0	69	189472	1	Standard
>	Tb	159		ug/L			3033563	2821281	1	Standard
	Tl	205	0.018	ug/L	0.001	6	71	1868	4	Standard
	Pb	208	0.004	ug/L	0.001	12	536	1083	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLK
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:46:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1182920	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	54	10	3	86	Standard
	C	**13**		ug/L			23319	21842	1	Standard
	Cl	**37**		ug/L			7703668	7249959	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1247241	0	Standard
⌈	**Al**	**27**	**0.036**	ug/L	0.004	11	3506	3880	2	Standard
⌈	**V**	**51**	**-0.050**	ug/L	0.005	10	6451	3947	4	Standard
⌈	**V-1**	**51**	**-0.004**	ug/L	0.000	9	292	133	9	Standard
⌈	**Cr**	**52**	**-0.164**	ug/L	0.012	7	18849	11689	3	Standard
⌈	**Cr**	**53**	**-0.012**	ug/L	0.006	51	160	101	17	Standard
⌊	**Mn**	**55**	**0.033**	ug/L	0.001	2	1532	2661	1	Standard
⌈>	**Ge**	**72**		ug/L			100573	77954	2	KED
⌈	**Ni**	**60**	**0.024**	ug/L	0.011	45	23	52	31	KED
⌈	**Ni**	**62**	**0.034**	ug/L	0.012	34	6	12	22	KED
⌈	**Cu**	**63**	**-0.001**	ug/L	0.001	67	98	73	1	KED
⌈	**Cu**	**65**	**-0.005**	ug/L	0.004	87	45	25	31	KED
⌈	**Zn**	**66**	**0.056**	ug/L	0.032	56	73	90	19	KED
⌈	**Zn**	**67**	**0.059**	ug/L	0.017	28	12	15	12	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.006	151	4	2	72	KED
⌊	**Se**	**78**	**-0.063**	ug/L	0.100	157	13	8	37	KED
	Y	**89**		ug/L			804838	705812	0	Standard
	Kr	**83**		ug/L			330	279	1	Standard
⌈>	**In-1**	**115**		ug/L			28284	21990	1	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.000	44	7	5	4	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.005	1324	3	2	57	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	148	3	3	52	KED
⌈>	**In**	**115**		ug/L			1438888	1445251	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	36	55	36	18	Standard
⌈	**Sb**	**121**	**-0.010**	ug/L	0.001	8	380	156	13	Standard
⌈	**Sb**	**123**	**-0.013**	ug/L	0.000	1	357	131	3	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	303	38	36	18	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.000	712	69	70	9	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2643184	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	13	71	43	6	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	163	536	480	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:51:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1190367	2	Standard
	Be	**9**	**46.972**	ug/L	0.509	1	10	363967	2	Standard
	C	**13**		ug/L			23319	22422	1	Standard
	Cl	**37**		ug/L			7703668	7303362	0	Standard
>	**Sc**	**45**		ug/L			1469921	1284509	0	Standard
	Al	**27**	**4745.457**	ug/L	42.859	0	3506	124329087	0	Standard
	V	**51**	**44.274**	ug/L	0.316	0	6451	1386450	0	Standard
	V-1	**51**	**44.532**	ug/L	0.355	0	292	1395622	0	Standard
	Cr	**52**	**44.415**	ug/L	0.555	1	18849	1215989	1	Standard
	Cr	**53**	**45.249**	ug/L	0.707	1	160	140340	1	Standard
	Mn	**55**	**45.811**	ug/L	0.518	1	1532	1932646	1	Standard
>	**Ge**	**72**		ug/L			100573	80040	1	KED
	Ni	**60**	**48.186**	ug/L	0.415	0	23	68619	0	KED
	Ni	**62**	**47.582**	ug/L	0.255	0	6	11173	2	KED
	Cu	**63**	**48.776**	ug/L	0.323	0	98	202212	1	KED
	Cu	**65**	**48.947**	ug/L	0.667	1	45	99667	0	KED
	Zn	**66**	**49.317**	ug/L	0.598	1	73	30688	0	KED
	Zn	**67**	**48.767**	ug/L	0.463	0	12	4988	2	KED
	As	**75**	**47.145**	ug/L	0.532	1	4	14096	1	KED
	Se	**78**	**48.063**	ug/L	1.232	2	13	1629	0	KED
	Y	**89**		ug/L			804838	716758	3	Standard
	Kr	**83**		ug/L			330	294	7	Standard
>	**In-1**	**115**		ug/L			28284	21738	0	KED
	Mo	**98**	**49.160**	ug/L	0.387	0	7	72985	0	KED
	Cd	**111**	**51.087**	ug/L	0.218	0	3	17259	0	KED
	Cd	**114**	**50.788**	ug/L	0.587	1	3	44397	0	KED
>	**In**	**115**		ug/L			1438888	1437867	1	Standard
	Ag	**107**	**49.399**	ug/L	0.918	1	55	1017787	1	Standard
	Sb	**121**	**49.743**	ug/L	0.419	0	380	1139516	1	Standard
	Sb	**123**	**51.631**	ug/L	0.651	1	357	886085	1	Standard
	Ba	**135**	**40.630**	ug/L	0.479	1	38	344681	1	Standard
	Ba	**137**	**40.023**	ug/L	0.286	0	69	591400	1	Standard
>	**Tb**	**159**		ug/L			3033563	2717694	0	Standard
	Tl	**205**	**52.779**	ug/L	0.565	1	71	5041873	1	Standard
	Pb	**208**	**50.910**	ug/L	0.241	0	536	6371219	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 06:58:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1192125	1	Standard
	Be	**9**	**-0.000**	ug/L	0.000	79	10	6	45	Standard
	C	**13**		ug/L			23319	21689	2	Standard
	Cl	**37**		ug/L			7703668	7326134	0	Standard
>	**Sc**	**45**		ug/L			1469921	1267568	1	Standard
	Al	**27**	**0.079**	ug/L	0.003	3	3506	5077	0	Standard
	V	**51**	**-0.051**	ug/L	0.002	4	6451	3990	2	Standard
	V-1	**51**	**-0.004**	ug/L	0.001	12	292	118	14	Standard
	Cr	**52**	**-0.166**	ug/L	0.005	2	18849	11843	2	Standard
	Cr	**53**	**-0.013**	ug/L	0.001	6	160	100	3	Standard
	Mn	**55**	**0.027**	ug/L	0.001	4	1532	2443	1	Standard
>	**Ge**	**72**		ug/L			100573	79816	1	KED
	Ni	**60**	**0.022**	ug/L	0.015	68	23	50	42	KED
	Ni	**62**	**0.011**	ug/L	0.008	70	6	7	25	KED
	Cu	**63**	**-0.002**	ug/L	0.001	54	98	69	5	KED
	Cu	**65**	**-0.001**	ug/L	0.003	413	45	34	20	KED
	Zn	**66**	**0.024**	ug/L	0.014	57	73	73	12	KED
	Zn	**67**	**0.037**	ug/L	0.051	136	12	13	37	KED
	As	**75**	**-0.004**	ug/L	0.002	39	4	2	20	KED
	Se	**78**	**-0.113**	ug/L	0.029	25	13	7	12	KED
	Y	**89**		ug/L			804838	709533	1	Standard
	Kr	**83**		ug/L			330	320	11	Standard
>	**In-1**	**115**		ug/L			28284	22184	1	KED
	Mo	**98**	**0.005**	ug/L	0.003	60	7	13	34	KED
	Cd	**111**	**-0.000**	ug/L	0.003	777	3	2	33	KED
	Cd	**114**	**-0.000**	ug/L	0.002	41208	3	2	92	KED
>	**In**	**115**		ug/L			1438888	1443906	0	Standard
	Ag	**107**	**0.000**	ug/L	0.001	358	55	58	17	Standard
	Sb	**121**	**0.047**	ug/L	0.002	3	380	1473	2	Standard
	Sb	**123**	**0.043**	ug/L	0.001	1	357	1098	0	Standard
	Ba	**135**	**0.001**	ug/L	0.001	110	38	47	22	Standard
	Ba	**137**	**0.001**	ug/L	0.000	16	69	85	3	Standard
>	**Tb**	**159**		ug/L			3033563	2652408	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	13	71	272	11	Standard
	Pb	**208**	**0.001**	ug/L	0.000	23	536	612	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:02:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1375139	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	93	10	15	21	Standard
	C	**13**		ug/L			23319	35416	1	Standard
	Cl	**37**		ug/L			7703668	7272041	0	Standard
>	**Sc**	**45**		ug/L			1469921	1461418	1	Standard
	Al	**27**	**0.680**	ug/L	0.023	3	3506	23765	3	Standard
	V	**51**	**-0.049**	ug/L	0.002	4	6451	4691	1	Standard
	V-1	**51**	**-0.004**	ug/L	0.000	7	292	131	10	Standard
	Cr	**52**	**-0.144**	ug/L	0.009	6	18849	14305	1	Standard
	Cr	**53**	**-0.000**	ug/L	0.003	1139	160	158	4	Standard
	Mn	**55**	**0.037**	ug/L	0.001	2	1532	3303	0	Standard
>	**Ge**	**72**		ug/L			100573	81727	1	KED
	Ni	**60**	**0.033**	ug/L	0.005	16	23	66	10	KED
	Ni	**62**	**0.021**	ug/L	0.004	20	6	10	10	KED
	Cu	**63**	**0.054**	ug/L	0.007	13	98	306	9	KED
	Cu	**65**	**0.059**	ug/L	0.010	16	45	158	11	KED
	Zn	**66**	**0.398**	ug/L	0.080	19	73	312	16	KED
	Zn	**67**	**0.399**	ug/L	0.079	19	12	51	16	KED
	As	**75**	**-0.003**	ug/L	0.001	51	4	2	16	KED
	Se	**78**	**-0.127**	ug/L	0.065	51	13	6	33	KED
	Y	**89**		ug/L			804838	821201	1	Standard
	Kr	**83**		ug/L			330	337	3	Standard
>	**In-1**	**115**		ug/L			28284	23548	1	KED
	Mo	**98**	**0.002**	ug/L	0.001	38	7	9	13	KED
	Cd	**111**	**-0.003**	ug/L	0.000	1	3	1		KED
	Cd	**114**	**-0.002**	ug/L	0.001	56	3	0	248	KED
>	**In**	**115**		ug/L			1438888	1584650	1	Standard
	Ag	**107**	**0.002**	ug/L	0.001	25	55	109	11	Standard
	Sb	**121**	**0.017**	ug/L	0.001	4	380	843	2	Standard
	Sb	**123**	**0.011**	ug/L	0.001	11	357	603	4	Standard
	Ba	**135**	**0.010**	ug/L	0.000	1	38	133	1	Standard
	Ba	**137**	**0.012**	ug/L	0.001	9	69	278	7	Standard
>	**Tb**	**159**		ug/L			3033563	2920714	0	Standard
	Tl	**205**	**0.001**	ug/L	0.000	17	71	150	9	Standard
	Pb	**208**	**0.006**	ug/L	0.000	7	536	1306	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:07:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1356894	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	70	10	14	15	Standard
	C	**13**		ug/L			23319	36059	1	Standard
	Cl	**37**		ug/L			7703668	7259198	0	Standard
>	**Sc**	**45**		ug/L			1469921	1448846	1	Standard
	Al	**27**	**0.694**	ug/L	0.003	0	3506	23956	1	Standard
	V	**51**	**-0.048**	ug/L	0.001	1	6451	4678	1	Standard
	V-1	**51**	**-0.005**	ug/L	0.000	2	292	120	1	Standard
	Cr	**52**	**-0.137**	ug/L	0.005	3	18849	14398	0	Standard
	Cr	**53**	**0.003**	ug/L	0.003	98	160	169	5	Standard
	Mn	**55**	**0.033**	ug/L	0.001	2	1532	3063	2	Standard
>	**Ge**	**72**		ug/L			100573	82630	1	KED
	Ni	**60**	**0.042**	ug/L	0.014	33	23	81	26	KED
	Ni	**62**	**0.015**	ug/L	0.017	109	6	8	44	KED
	Cu	**63**	**0.051**	ug/L	0.007	14	98	297	10	KED
	Cu	**65**	**0.043**	ug/L	0.010	22	45	128	17	KED
	Zn	**66**	**0.377**	ug/L	0.070	18	73	302	14	KED
	Zn	**67**	**0.291**	ug/L	0.075	25	12	40	21	KED
	As	**75**	**-0.001**	ug/L	0.004	457	4	3	39	KED
	Se	**78**	**-0.111**	ug/L	0.044	39	13	7	21	KED
	Y	**89**		ug/L			804838	799519	2	Standard
	Kr	**83**		ug/L			330	344	7	Standard
>	**In-1**	**115**		ug/L			28284	23760	1	KED
	Mo	**98**	**-0.000**	ug/L	0.002	1113	7	6	45	KED
	Cd	**111**	**-0.002**	ug/L	0.004	215	3	2	57	KED
	Cd	**114**	**-0.002**	ug/L	0.001	46	3	0	287	KED
>	**In**	**115**		ug/L			1438888	1576398	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	43	55	93	15	Standard
	Sb	**121**	**-0.003**	ug/L	0.001	19	380	349	3	Standard
	Sb	**123**	**-0.005**	ug/L	0.002	34	357	303	10	Standard
	Ba	**135**	**0.012**	ug/L	0.003	22	38	153	16	Standard
	Ba	**137**	**0.012**	ug/L	0.001	6	69	271	4	Standard
>	**Tb**	**159**		ug/L			3033563	2886612	1	Standard
	Tl	**205**	**0.000**	ug/L	0.000	38	71	102	13	Standard
	Pb	**208**	**0.006**	ug/L	0.000	4	536	1298	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:12:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1274673	1333533	0	Standard
	Be	**9**	**-0.000**	ug/L	0.001	427	10	9	80	Standard
	C	**13**		ug/L			23319	35434	1	Standard
	Cl	**37**		ug/L			7703668	7285124	0	Standard
>	**Sc**	**45**		ug/L			1469921	1428011	1	Standard
	Al	**27**	**0.685**	ug/L	0.026	3	3506	23353	1	Standard
	V	**51**	**-0.048**	ug/L	0.003	5	6451	4607	2	Standard
	V-1	**51**	**-0.005**	ug/L	0.000	2	292	114	2	Standard
	Cr	**52**	**-0.138**	ug/L	0.012	8	18849	14170	2	Standard
	Cr	**53**	**0.003**	ug/L	0.004	150	160	164	7	Standard
	Mn	**55**	**0.030**	ug/L	0.000	1	1532	2905	1	Standard
>	**Ge**	**72**		ug/L			100573	80658	0	KED
	Ni	**60**	**0.040**	ug/L	0.011	27	23	75	20	KED
	Ni	**62**	**0.027**	ug/L	0.016	60	6	11	33	KED
	Cu	**63**	**0.054**	ug/L	0.004	7	98	304	5	KED
	Cu	**65**	**0.054**	ug/L	0.003	5	45	146	4	KED
	Zn	**66**	**0.391**	ug/L	0.050	12	73	303	9	KED
	Zn	**67**	**0.319**	ug/L	0.101	31	12	42	24	KED
	As	**75**	**-0.004**	ug/L	0.003	85	4	2	39	KED
	Se	**78**	**-0.084**	ug/L	0.018	21	13	8	7	KED
	Y	**89**		ug/L			804838	790810	0	Standard
	Kr	**83**		ug/L			330	321	4	Standard
>	**In-1**	**115**		ug/L			28284	23475	1	KED
	Mo	**98**	**0.000**	ug/L	0.003	1518	7	6	79	KED
	Cd	**111**	**-0.006**	ug/L	0.003	42	3	0	100	KED
	Cd	**114**	**-0.000**	ug/L	0.001	409	3	2	46	KED
>	**In**	**115**		ug/L			1438888	1537339	0	Standard
	Ag	**107**	**0.001**	ug/L	0.000	18	55	85	5	Standard
	Sb	**121**	**-0.007**	ug/L	0.001	7	380	245	5	Standard
	Sb	**123**	**-0.010**	ug/L	0.002	24	357	200	22	Standard
	Ba	**135**	**0.014**	ug/L	0.002	12	38	163	8	Standard
	Ba	**137**	**0.012**	ug/L	0.000	4	69	261	2	Standard
>	**Tb**	**159**		ug/L			3033563	2880192	0	Standard
	Tl	**205**	**0.000**	ug/L	0.000	45	71	85	8	Standard
	Pb	**208**	**0.006**	ug/L	0.001	16	536	1245	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:16:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1167468	2	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	42	10	3	91	Standard
	C	**13**		ug/L			23319	29015	1	Standard
	Cl	**37**		ug/L			7703668	7330110	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1206084	0	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.004	25	3506	3247	2	Standard
⌈	**V**	**51**	**-0.045**	ug/L	0.004	7	6451	3968	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.000	6	292	105	7	Standard
⌈	**Cr**	**52**	**-0.149**	ug/L	0.014	9	18849	11697	2	Standard
⌈	**Cr**	**53**	**-0.015**	ug/L	0.003	21	160	86	10	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.000	6	1532	1552	0	Standard
⌈>	**Ge**	**72**		ug/L			100573	78973	0	KED
⌈	**Ni**	**60**	**0.016**	ug/L	0.004	27	23	41	14	KED
⌈	**Ni**	**62**	**0.017**	ug/L	0.027	156	6	8	68	KED
⌈	**Cu**	**63**	**-0.003**	ug/L	0.001	22	98	63	4	KED
⌈	**Cu**	**65**	**-0.001**	ug/L	0.001	166	45	34	5	KED
⌈	**Zn**	**66**	**0.052**	ug/L	0.010	18	73	89	6	KED
⌈	**Zn**	**67**	**0.076**	ug/L	0.100	131	12	17	58	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.003	108	4	2	36	KED
⌊	**Se**	**78**	**-0.019**	ug/L	0.065	348	13	10	21	KED
	Y	**89**		ug/L			804838	663670	0	Standard
	Kr	**83**		ug/L			330	290	2	Standard
⌈>	**In-1**	**115**		ug/L			28284	21363	0	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	133	7	3	106	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.008	173	3	4	61	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	97	3	1	102	KED
⌈>	**In**	**115**		ug/L			1438888	1351377	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.001	2839	55	51	25	Standard
⌈	**Sb**	**121**	**-0.011**	ug/L	0.000	2	380	118	5	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.000	1	357	73	6	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	156	38	40	16	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	812	69	64	11	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2589747	0	Standard
⌈	**Tl**	**205**	**0.004**	ug/L	0.000	7	71	384	6	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	11	536	250	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:21:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1169154	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.000	14	10	2	43	Standard
	C	**13**		ug/L			23319	29295	1	Standard
	Cl	**37**		ug/L			7703668	7350735	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1215835	1	Standard
⌈	**Al**	**27**	**0.004**	ug/L	0.001	14	3506	2996	1	Standard
⌈	**V**	**51**	**-0.046**	ug/L	0.002	3	6451	3978	1	Standard
⌈	**V-1**	**51**	**-0.004**	ug/L	0.000	7	292	111	8	Standard
⌈	**Cr**	**52**	**-0.151**	ug/L	0.003	1	18849	11722	0	Standard
⌈	**Cr**	**53**	**-0.015**	ug/L	0.005	31	160	87	16	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.002	75	1532	1349	3	Standard
⌈>	**Ge**	**72**		ug/L			100573	78541	0	KED
⌈	**Ni**	**60**	**0.015**	ug/L	0.004	29	23	38	15	KED
⌈	**Ni**	**62**	**0.020**	ug/L	0.030	150	6	9	72	KED
⌈	**Cu**	**63**	**-0.001**	ug/L	0.005	586	98	73	24	KED
⌈	**Cu**	**65**	**0.001**	ug/L	0.003	341	45	36	14	KED
⌈	**Zn**	**66**	**0.065**	ug/L	0.015	23	73	97	9	KED
⌈	**Zn**	**67**	**0.052**	ug/L	0.059	113	12	14	39	KED
⌈	**As**	**75**	**0.000**	ug/L	0.002	1329	4	3	19	KED
⌊	**Se**	**78**	**-0.070**	ug/L	0.036	51	13	8	13	KED
	Y	**89**		ug/L			804838	661184	1	Standard
	Kr	**83**		ug/L			330	288	5	Standard
⌈>	**In-1**	**115**		ug/L			28284	21121	1	KED
⌈	**Mo**	**98**	**-0.000**	ug/L	0.002	617	7	5	60	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.006	303	3	3	56	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.000	24	3	1	4	KED
⌈>	**In**	**115**		ug/L			1438888	1340981	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	67	55	34	33	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.000	1	380	86	3	Standard
⌈	**Sb**	**123**	**-0.016**	ug/L	0.001	3	357	70	13	Standard
⌈	**Ba**	**135**	**0.000**	ug/L	0.001	204	38	38	13	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.000	20	69	48	6	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2527882	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	7	71	280	5	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	16	536	229	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 07:25:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062421.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1274673	1153057	0	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.001	123	10	5	88	Standard
	C	**13**		ug/L			23319	29603	1	Standard
	Cl	**37**		ug/L			7703668	7319228	0	Standard
⌈>	**Sc**	**45**		ug/L			1469921	1192763	0	Standard
⌈	**Al**	**27**	**0.007**	ug/L	0.003	40	3506	3010	1	Standard
⌈	**V**	**51**	**-0.042**	ug/L	0.003	7	6451	4029	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.000	3	292	101	3	Standard
⌈	**Cr**	**52**	**-0.138**	ug/L	0.011	7	18849	11829	1	Standard
⌈	**Cr**	**53**	**-0.017**	ug/L	0.001	7	160	80	3	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	655	1532	1247	2	Standard
⌈>	**Ge**	**72**		ug/L			100573	78620	0	KED
⌈	**Ni**	**60**	**0.015**	ug/L	0.007	45	23	39	24	KED
⌈	**Ni**	**62**	**0.020**	ug/L	0.015	73	6	9	34	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.002	432	98	74	11	KED
⌈	**Cu**	**65**	**-0.002**	ug/L	0.002	134	45	31	13	KED
⌈	**Zn**	**66**	**0.069**	ug/L	0.019	27	73	99	10	KED
⌈	**Zn**	**67**	**0.007**	ug/L	0.060	867	12	10	60	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.004	283	4	3	37	KED
⌊	**Se**	**78**	**-0.062**	ug/L	0.059	94	13	8	22	KED
	Y	**89**		ug/L			804838	669763	2	Standard
	Kr	**83**		ug/L			330	267	2	Standard
⌈>	**In-1**	**115**		ug/L			28284	21210	1	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.002	108	7	3	103	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.003	329	3	2	43	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	101	3	1	86	KED
⌈>	**In**	**115**		ug/L			1438888	1350034	0	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	92	55	41	22	Standard
⌈	**Sb**	**121**	**-0.013**	ug/L	0.001	4	380	70	18	Standard
⌈	**Sb**	**123**	**-0.017**	ug/L	0.000	0	357	64	2	Standard
⌈	**Ba**	**135**	**0.000**	ug/L	0.001	268	38	39	24	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.000	55	69	68	2	Standard
⌈>	**Tb**	**159**		ug/L			3033563	2541621	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	15	71	175	10	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	8	536	220	9	Standard

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EF00076
Instrument: ICPMS1
Calibration Date: 06/25/2021 13:39

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cadmium-111	0	0	0.1	480	10	472.6	20	471.6	50	462.9	100	447.49
Cadmium-114	0	0	0.1	1160	10	1205.6	20	1182.55	50	1202.64	100	1146.36
Copper-63	0	0	0.5	5468	10	5478.9	20	5344.2	50	5289.7	100	5090.94
Copper-65	0	0	0.5	2808	10	2752.9	20	2689.75	50	2631.02	100	2538.63
Zinc-66	0	0	6	842.5	10	843.2	20	823.75	50	795.24	100	774.32
Zinc-67	0	0	6	131.8333	10	138.1	20	136.9	50	133.82	100	127.95

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00076	Instrument:	ICPMS1
Calibration Date:	06/25/2021 13:39		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Cadmium-111	389.0983	49.1	0.9997		0.998	
Cadmium-114	982.8583	49.0	0.9994		0.998	
Copper-63	4445.29	49.1	0.9996		0.998	
Copper-65	2236.717	49.2	0.9996		0.998	
Zinc-66	679.835	49.2	0.9998		0.998	
Zinc-67	111.4339	49.1	0.9994		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MB **Sequence:** 55FΦ378 **Cal:** EFΦΦΦ76

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CAL1	J6715		
		-CAL2	J6763		
		-CAL3	J6764		
		-CAL4	J6765		
		-CAL5	J6716		
		-CAL6	J6766		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J6715		
		-CCV1	J6716		
		-CCB1	J6715		
		-CRL1	J6763		
		-IFA1	J576Φ		Cr 53T
		-IFB1	J5761		↓
		-HCV1	J6678		
		-HCV2	J6294		
		-IBL2	—		(56T)
		-IBL3	—		
		-CCV2			
		-CCB2			
	✓	B7FΦ655-BLK2	REN		(Mn 7 REL)
		21FΦ2Φ9-Φ5	↓		
		-1Φ			
		↓ -12	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ2Φ9-14	REN		
		↓ -18			
		BJFΦ6Φ1-DUP1			
		↓ -MS1			
		↓ -MS01			
		SEQ-IBL4			
		↓ -CCV3			
		↓ -CCB3			
		BJFΦ655-BLK2	REN		Re noisy- Not Needed Mn only
		BJFΦ451-BLK1	SWN	20	
		↓ -BS1			
		BJFΦ639-BLK1			
		↓ -BS1			
		21FΦ2Φ9-16	REN		
		↓ -20			
		↓ -22			In↓ - Not Needed
		21FΦ149-Φ1	SWN	20	
		SEQ-IBL5			
		↓ -CCV4			
		↓ -CCB4			
		BJFΦ657-BLK1	REN		No Mo ↓
		↓ -BS1			No Mo Spike
		21FΦ35Φ-Φ2		20	
		↓ -Φ1		100	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ342-Φ3	REN		
		21FΦ338-Φ1	↓	10	Mo NR
		21FΦ339-Φ1	↓		
		21FΦ373-Φ1	↓		
		21FΦ375-Φ1	↓	2	
		SEQ-IBL6			
		↓ -CCV5			
		↓ -CCB5			
		21FΦ149-Φ2	SWN	20	
		-Φ3	↓	↓	
		-Φ4	↓	↓	
		-Φ5	↓	↓	
		↓ -Φ6	↓	↓	
		21FΦ182-13	↓	↓	
		BJFΦ639-DUP1	↓	↓	
		-MS1	↓	↓	Ag, Sb % R ↓
		↓ -PS1	↓	↓	Ag, Sb only
		SEQ-IBL7			
		↓ -CCV6			
		↓ -CCB6			
		21FΦ182-17	SWN	20	
		-21	↓	↓	
		↓ -22	↓	↓	
		21FΦ203-19	↓	↓	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ203-20	SWN	20	
		-21			
		-22			
		-23			
		BJFΦ639-SRM1			
		SEQ-IBL8			
		-CCV7			
		-CCB7			
		21FΦ203-27	SWN	20	
		-28			
		21FΦ245-Φ3			
		-Φ2			
		-Φ1			
		BJFΦ451-SRL1		100	
		-DUP1		20	Cr, Pb RPD↑
		-MS1			
		-PS1			
		SEQ-IBL9			
		-CCV8			
		-CCB8			
	✓	-CAL1			
		-CCV9			
		-CCB9			
		21FΦ245-Φ4	SWN	20	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/25/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	21F0245-05	SWN	20	
		-06			
		21F0344-04	REN		
		-03			
		-02			
		-01			
		BJF0657-DUP1			
		-MS1			
		SEQ-IBLA			
					AS Error -- End of run
			MB 6/25/21		

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Friday, June 25, 2021 11:41:38
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11058
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9140.2	9129.396	52.299	0.6	Standard
	In	114.9	108532.4	-1330355.824	2601.641	0.2	Standard
	U	238.1	156926.8	156926.827	3246.498	2.1	Standard
⌈	CeO	155.9	2400.3	0.018	0.000	1.4	Standard
| >	Ce	139.9	134786.8	134786.801	1455.764	1.1	Standard
⌊	Ce++	70.0	1388.2	0.010	0.000	1.8	Standard
	Bkgd	220.0	1.1	1.100	0.560	50.9	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/25/2021 11:41:36 AM
End Time: 6/25/2021 11:51:11 AM

STD Performance Check - [Passed] Optimum value(s): N/A
- Obtained Intensity (Be 9): 9140.19
- Obtained Intensity (In 115): 108532.44
- Obtained Intensity (U 238): 156926.83
- Obtained Intensity (Bkgd 220): 1.10
- Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1388.20 / 134786.80)
- Obtained Formula (CeO 156 / Ce 140): 0.018 (=2400.27 / 134786.80)
- Obtained RSD (Be 9): 0.0057
- Obtained RSD (In 115): 0.0020
- Obtained RSD (U 238): 0.0207

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.75 mm	-0.74 mm	124439.63

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.965
- Obtained Intensity (In 115): 133837.01
- Obtained Formula (CeO 156 / Ce 140): 0.0185 (=2937.30 / 158690.53)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
- Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.703)
- Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.703)
- Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.696)
- Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.710)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.06

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.985; Intercept = -14.00

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/25/2021 11:41:36 AM

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 5
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025
                RSD Criterion: Be 9.0122 < 0.05
                RSD Criterion: In 114.904 < 0.05
                RSD Criterion: U 238.05 < 0.05

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 9140.19
                Obtained Intensity (In 115): 108532.44
                Obtained Intensity (U 238): 156926.83
                Obtained Intensity (Bkgd 220): 1.10
                Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1388.20 / 134786.80)
                Obtained Formula (CeO 156 / Ce 140): 0.018 (=2400.27 / 134786.80)
                Obtained RSD (Be 9): 0.0057
                Obtained RSD (In 115): 0.0020
                Obtained RSD (U 238): 0.0207

[Passed]  Optimum value(s): N/A

Torch Alignment
        Optimization Settings:
                Method: Torch Alignment.mth.
                Intensity Criterion: In 115 Maximum

        Optimization Results:
                Vertical      Horizontal      Intensity
[Passed]        2.75 mm     -0.74 mm       124439.63

Nebulizer Gas Flow STD/KED [NEB]
        Optimization Settings:
                Method: Optimize.mth.
                        Initial Try - Start/End/Step: 0.95/0.99/0.005.
                Intensity Criterion: In 115 Maximum
                Formula Criterion: CeO 156 / Ce 140 <= 0.023

        Optimization Results:
        Initial Try

                Obtained Intensity (In 115): 133837.01
                Obtained Formula (CeO 156 / Ce 140): 0.0185 (=2937.30 / 158690.53)
[Passed]  Optimum value(s): 0.965
```

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.703)
		Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.703)
		Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.696)
		Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.710)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.06

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	37597.4
Mg	24	41	-14	53704.8
In	115	41	-11.5	131022
Ce	140	41	-11.5	151649
Pb	208	41	-10.5	92542.8
U	238	41	-10.5	188333

KED Mode QID
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.985; Intercept = -14.00

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	26300.2
Mg	24	41	-13.5	53632.5
In	115	41	-11.5	133525
Ce	140	41	-10.5	119615
Pb	208	41	-10.5	63758
U	238	41	-10	136291

End Time: 6/25/2021 11:51:11 AM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/25/2021 11:51:18 AM
End Time: 6/25/2021 11:53:52 AM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.56

KED Mode QID - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -14.18

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/25/2021 11:51:18 AM

QID STD/DRC

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 0.989; Intercept = -14.56

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14.5	36570.7
Mg	24	41	-14.5	51556.9
In	115	41	-11.5	127866
Ce	140	41	-11.5	148892
Pb	208	41	-10.5	92699.8
U	238	41	-10.5	185638

KED Mode QID

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -14.18

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	27085.7
Mg	24	41	-13.5	51067.1
In	115	41	-11	131910
Ce	140	41	-10.5	124238
Pb	208	41	-10	61990.2
U	238	41	-10	135673

End Time: 6/25/2021 11:53:52 AM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/25/2021 11:56:02 AM
End Time: 6/25/2021 11:57:08 AM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.992; Intercept = -14.04

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/25/2021 11:56:02 AM

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.992; Intercept = -14.04

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	38892.9
Mg	24	41	-14	53287.2
In	115	41	-12	130106
Ce	140	41	-12	151839
Pb	208	41	-11	90377
U	238	41	-10.5	177532

End Time: 6/25/2021 11:57:08 AM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/25/2021 11:59:59 AM
End Time: 6/25/2021 12:02:04 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 10242.74
Obtained Intensity (In 115): 121054.75
Obtained Intensity (U 238): 182612.51
Obtained Intensity (Bkgd 220): 0.90
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1472.48 / 142868.77)
Obtained Formula (CeO 156 / Ce 140): 0.019 (=2770.27 / 142868.77)
Obtained RSD (Be 9): 0.0120
Obtained RSD (In 115): 0.0064
Obtained RSD (U 238): 0.0060

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/25/2021 11:59:59 AM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 10242.74
		Obtained Intensity (In 115): 121054.75
		Obtained Intensity (U 238): 182612.51
		Obtained Intensity (Bkgd 220): 0.90
		Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1472.48 / 142868.77)
		Obtained Formula (CeO 156 / Ce 140): 0.019 (=2770.27 / 142868.77)
		Obtained RSD (Be 9): 0.0120
		Obtained RSD (In 115): 0.0064
		Obtained RSD (U 238): 0.0060

[Passed] Optimum value(s): N/A

End Time: 6/25/2021 12:02:04 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Friday, June 25, 2021 11:59:59
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11070
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	10242.7	10242.738	122.503	1.2	Standard
	In	114.9	121054.8	121054.752	778.869	0.6	Standard
	U	238.1	182612.5	182612.510	1096.569	0.6	Standard
⌈	CeO	155.9	2770.3	0.019	0.000	1.8	Standard
| >	Ce	139.9	142868.8	142868.771	1434.120	1.0	Standard
⌊	Ce++	70.0	1472.5	0.010	0.000	1.0	Standard
	Bkgd	220.0	0.9	0.900	0.480	53.4	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:39:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				28724	1	Standard
	Cl	**37**		ug/L				7945752	0	Standard
⎡>	**Sc**	**45**		ug/L				1771523	1	Standard
⎢	**Cr**	**52**		ug/L				20753	1	Standard
⎢	**Cr**	**53**		ug/L				175	7	Standard
⎣	**Mn**	**55**		ug/L				907	0	Standard
⎡>	**Ge**	**72**		ug/L				106438	4	KED
⎢	**Ni**	**60**		ug/L				32	38	KED
⎢	**Ni**	**62**		ug/L				8	44	KED
⎢	**Cu**	**63**		ug/L				102	24	KED
⎢	**Cu**	**65**		ug/L				38	22	KED
⎢	**Zn**	**66**		ug/L				75	10	KED
⎢	**Zn**	**67**		ug/L				13	28	KED
⎢	**As**	**75**		ug/L				2	86	KED
⎣	**Se**	**78**		ug/L				12	11	KED
	Y	**89**		ug/L				885368	2	Standard
	Kr	**83**		ug/L				323	4	Standard
⎡>	**In-1**	**115**		ug/L				32288	1	KED
⎢	**Mo**	**98**		ug/L				3	96	KED
⎢	**Cd**	**111**		ug/L				4	58	KED
⎣	**Cd**	**114**		ug/L				2	116	KED
⎡>	**In**	**115**		ug/L				1802478	0	Standard
⎢	**Ag**	**107**		ug/L				66	9	Standard
⎢	**Sb**	**121**		ug/L				107	10	Standard
⎣	**Sb**	**123**		ug/L				97	29	Standard
⎡>	**Tb**	**159**		ug/L				3135538	1	Standard
⎣	**Pb**	**208**		ug/L				325	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:44:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	26920	0	Standard
	Cl	**37**		ug/L			7945752	7917559	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1784070	0	Standard
⎢	**Cr**	**52**	**0.500**	ug/L	0.021	4	20753	35606	1	Standard
⎢	**Cr**	**53**	**0.500**	ug/L	0.008	1	175	2016	1	Standard
⎣	**Mn**	**55**	**0.500**	ug/L	0.009	1	907	25413	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	115830	0	KED
⎢	**Ni**	**60**	**0.500**	ug/L	0.019	3	32	946	3	KED
⎢	**Ni**	**62**	**0.500**	ug/L	0.078	15	8	165	14	KED
⎢	**Cu**	**63**	**0.500**	ug/L	0.023	4	102	2734	3	KED
⎢	**Cu**	**65**	**0.500**	ug/L	0.026	5	38	1404	5	KED
⎢	**Zn**	**66**	**6.000**	ug/L	0.229	3	75	5055	4	KED
⎢	**Zn**	**67**	**6.000**	ug/L	0.274	4	13	791	4	KED
⎢	**As**	**75**	**0.200**	ug/L	0.029	14	2	76	13	KED
⎣	**Se**	**78**	**0.500**	ug/L	0.067	13	12	35	7	KED
	Y	**89**		ug/L			885368	883352	1	Standard
	Kr	**83**		ug/L			323	354	4	Standard
⎡>	**In-1**	**115**		ug/L			32288	32779	2	KED
⎢	**Mo**	**98**	**0.200**	ug/L	0.013	6	3	387	4	KED
⎢	**Cd**	**111**	**0.100**	ug/L	0.008	7	4	48	5	KED
⎣	**Cd**	**114**	**0.100**	ug/L	0.011	10	2	116	8	KED
⎡>	**In**	**115**		ug/L			1802478	1769981	1	Standard
⎢	**Ag**	**107**	**0.200**	ug/L	0.008	4	66	4588	3	Standard
⎢	**Sb**	**121**	**0.200**	ug/L	0.005	2	107	4983	2	Standard
⎣	**Sb**	**123**	**0.200**	ug/L	0.004	2	97	3947	2	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3127446	0	Standard
⎣	**Pb**	**208**	**0.100**	ug/L	0.002	2	325	14132	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:48:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31714	1	Standard
	Cl	**37**		ug/L			7945752	8203967	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1811278	1	Standard
|	**Cr**	**52**	**10.002**	ug/L	0.125	1	20753	340626	0	Standard
|	**Cr**	**53**	**10.000**	ug/L	0.202	2	175	37893	2	Standard
⌊	**Mn**	**55**	**10.000**	ug/L	0.152	1	907	504704	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	116820	0	KED
|	**Ni**	**60**	**10.000**	ug/L	0.068	0	32	18496	0	KED
|	**Ni**	**62**	**9.999**	ug/L	0.433	4	8	3027	3	KED
|	**Cu**	**63**	**10.001**	ug/L	0.031	0	102	54789	0	KED
|	**Cu**	**65**	**10.000**	ug/L	0.062	0	38	27529	1	KED
|	**Zn**	**66**	**9.997**	ug/L	0.116	1	75	8432	1	KED
|	**Zn**	**67**	**10.120**	ug/L	0.366	3	13	1381	3	KED
|	**As**	**75**	**10.000**	ug/L	0.265	2	2	3867	2	KED
⌊	**Se**	**78**	**10.000**	ug/L	0.283	2	12	468	2	KED
	Y	**89**		ug/L			885368	890050	0	Standard
	Kr	**83**		ug/L			323	345	2	Standard
⌈>	**In-1**	**115**		ug/L			32288	33029	1	KED
|	**Mo**	**98**	**10.000**	ug/L	0.163	1	3	19069	0	KED
|	**Cd**	**111**	**10.000**	ug/L	0.133	1	4	4726	0	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.124	1	2	12056	2	KED
⌈>	**In**	**115**		ug/L			1802478	1809540	0	Standard
|	**Ag**	**107**	**10.000**	ug/L	0.072	0	66	228315	0	Standard
|	**Sb**	**121**	**10.000**	ug/L	0.312	3	107	251003	2	Standard
⌊	**Sb**	**123**	**10.000**	ug/L	0.166	1	97	200102	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3141830	1	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.202	2	325	1347649	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:52:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	30424	1	Standard
	Cl	**37**		ug/L			7945752	8277823	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1815354	2	Standard
⎢	**Cr**	**52**	**19.961**	ug/L	0.361	1	20753	655113	0	Standard
⎢	**Cr**	**53**	**19.943**	ug/L	0.353	1	175	74694	0	Standard
⎣	**Mn**	**55**	**19.932**	ug/L	0.378	1	907	993713	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	115398	0	KED
⎢	**Ni**	**60**	**19.999**	ug/L	0.231	1	32	36500	1	KED
⎢	**Ni**	**62**	**20.082**	ug/L	0.129	0	8	6097	0	KED
⎢	**Cu**	**63**	**19.954**	ug/L	0.091	0	102	106884	0	KED
⎢	**Cu**	**65**	**19.959**	ug/L	0.322	1	38	53795	1	KED
⎢	**Zn**	**66**	**19.967**	ug/L	0.421	2	75	16475	2	KED
⎢	**Zn**	**67**	**20.105**	ug/L	0.566	2	13	2738	2	KED
⎢	**As**	**75**	**20.015**	ug/L	0.385	1	2	7666	1	KED
⎣	**Se**	**78**	**20.102**	ug/L	0.321	1	12	934	1	KED
	Y	**89**		ug/L			885368	892308	0	Standard
	Kr	**83**		ug/L			323	332	4	Standard
⎡>	**In-1**	**115**		ug/L			32288	32744	0	KED
⎢	**Mo**	**98**	**20.030**	ug/L	0.127	0	3	38097	1	KED
⎢	**Cd**	**111**	**20.027**	ug/L	0.151	0	4	9432	0	KED
⎣	**Cd**	**114**	**19.958**	ug/L	0.098	0	2	23651	1	KED
⎡>	**In**	**115**		ug/L			1802478	1797940	1	Standard
⎢	**Ag**	**107**	**20.019**	ug/L	0.302	1	66	455881	2	Standard
⎢	**Sb**	**121**	**20.034**	ug/L	0.118	0	107	503035	0	Standard
⎣	**Sb**	**123**	**19.920**	ug/L	0.293	1	97	389684	0	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3183357	0	Standard
⎣	**Pb**	**208**	**19.921**	ug/L	0.030	0	325	2677911	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 13:57:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31867	2	Standard
	Cl	**37**		ug/L			7945752	8241637	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1757616	0	Standard
|	**Cr**	**52**	**50.219**	ug/L	0.934	1	20753	1599503	1	Standard
|	**Cr**	**53**	**50.265**	ug/L	0.741	1	175	187002	0	Standard
⌊	**Mn**	**55**	**50.560**	ug/L	0.366	0	907	2584205	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	114674	0	KED
|	**Ni**	**60**	**50.066**	ug/L	0.235	0	32	91352	0	KED
|	**Ni**	**62**	**49.806**	ug/L	1.263	2	8	14730	2	KED
|	**Cu**	**63**	**49.953**	ug/L	0.626	1	102	264485	1	KED
|	**Cu**	**65**	**49.854**	ug/L	1.014	2	38	131551	2	KED
|	**Zn**	**66**	**49.754**	ug/L	0.365	0	75	39762	0	KED
|	**Zn**	**67**	**49.929**	ug/L	0.793	1	13	6691	1	KED
|	**As**	**75**	**50.076**	ug/L	0.276	0	2	19204	0	KED
⌊	**Se**	**78**	**50.083**	ug/L	0.422	0	12	2314	1	KED
	Y	**89**		ug/L			885368	873048	1	Standard
	Kr	**83**		ug/L			323	356	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	32744	1	KED
|	**Mo**	**98**	**50.146**	ug/L	1.031	2	3	96764	1	KED
|	**Cd**	**111**	**49.858**	ug/L	0.670	1	4	23145	0	KED
⌊	**Cd**	**114**	**50.123**	ug/L	0.475	0	2	60132	0	KED
⌈>	**In**	**115**		ug/L			1802478	1757513	1	Standard
|	**Ag**	**107**	**50.065**	ug/L	1.024	2	66	1121406	2	Standard
|	**Sb**	**121**	**50.294**	ug/L	1.607	3	107	1271358	1	Standard
⌊	**Sb**	**123**	**50.274**	ug/L	0.825	1	97	988216	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3183267	0	Standard
⌊	**Pb**	**208**	**50.307**	ug/L	0.718	1	325	6975456	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:04:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	32174	0	Standard
	Cl	**37**		ug/L			7945752	8350286	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1769872	1	Standard
|	**Cr**	**52**	**100.241**	ug/L	1.497	1	20753	3219588	0	Standard
|	**Cr**	**53**	**99.312**	ug/L	1.030	1	175	363513	1	Standard
⌊	**Mn**	**55**	**99.027**	ug/L	1.026	1	907	4935337	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	109992	0	KED
|	**Ni**	**60**	**100.196**	ug/L	0.894	0	32	176466	0	KED
|	**Ni**	**62**	**100.262**	ug/L	1.275	1	8	28678	0	KED
|	**Cu**	**63**	**100.063**	ug/L	1.473	1	102	509094	0	KED
|	**Cu**	**65**	**100.073**	ug/L	0.330	0	38	253863	0	KED
|	**Zn**	**66**	**100.258**	ug/L	0.528	0	75	77432	1	KED
|	**Zn**	**67**	**99.916**	ug/L	0.786	0	13	12795	1	KED
|	**As**	**75**	**100.384**	ug/L	0.330	0	2	37401	0	KED
⌊	**Se**	**78**	**100.093**	ug/L	1.971	1	12	4438	2	KED
	Y	**89**		ug/L			885368	864750	0	Standard
	Kr	**83**		ug/L			323	371	14	Standard
⌈>	**In-1**	**115**		ug/L			32288	31857	1	KED
|	**Mo**	**98**	**100.137**	ug/L	1.110	1	3	188864	0	KED
|	**Cd**	**111**	**99.788**	ug/L	1.328	1	4	44749	0	KED
⌊	**Cd**	**114**	**99.580**	ug/L	0.948	0	2	114636	2	KED
⌈>	**In**	**115**		ug/L			1802478	1716529	3	Standard
|	**Ag**	**107**	**100.633**	ug/L	4.517	4	66	2246536	0	Standard
|	**Sb**	**121**	**100.913**	ug/L	3.613	3	107	2568172	1	Standard
⌊	**Sb**	**123**	**99.776**	ug/L	4.406	4	97	1899477	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3223353	1	Standard
⌊	**Pb**	**208**	**99.656**	ug/L	2.151	2	325	13830988	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:11:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	28962	0	Standard
	Cl	**37**		ug/L			7945752	8078008	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1798825	0	Standard
|	**Cr**	**52**	**-0.015**	ug/L	0.013	83	20753	20580	1	Standard
|	**Cr**	**53**	**-0.005**	ug/L	0.005	106	175	160	11	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	498	907	929	5	Standard
⌈>	**Ge**	**72**		ug/L			106438	113931	1	KED
|	**Ni**	**60**	**0.003**	ug/L	0.005	202	32	39	24	KED
|	**Ni**	**62**	**-0.013**	ug/L	0.006	47	8	5	33	KED
|	**Cu**	**63**	**0.002**	ug/L	0.003	173	102	118	11	KED
|	**Cu**	**65**	**0.005**	ug/L	0.006	141	38	52	31	KED
|	**Zn**	**66**	**0.005**	ug/L	0.012	225	75	85	11	KED
|	**Zn**	**67**	**0.016**	ug/L	0.061	378	13	17	48	KED
|	**As**	**75**	**0.005**	ug/L	0.003	50	2	4	24	KED
⌊	**Se**	**78**	**0.012**	ug/L	0.036	298	12	13	11	KED
	Y	**89**		ug/L			885368	865340	0	Standard
	Kr	**83**		ug/L			323	344	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	32488	0	KED
|	**Mo**	**98**	**0.011**	ug/L	0.003	23	3	24	20	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.001	55	4	3	17	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.000	5	2	1	1	KED
⌈>	**In**	**115**		ug/L			1802478	1739839	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	25	66	104	10	Standard
|	**Sb**	**121**	**0.108**	ug/L	0.002	2	107	2901	2	Standard
⌊	**Sb**	**123**	**0.110**	ug/L	0.003	2	97	2219	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3115933	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	22	325	513	9	Standard

Sample Information

Sample Date/Time: Friday, June 25, 2021 14:04:05
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Cr	52	**1.0000**	0.018	0.50	10	20	50	100
Cr	53	**0.9999**	0.002	0.50	10	20	50	100
Mn	55	**0.9998**	0.028	0.50	10	20	50	100
Ge	72							
Ni	60	**1.0000**	0.016	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.046	0.50	10	20	50	100
Cu	65	**1.0000**	0.023	0.50	10	20	50	100
Zn	66	**1.0000**	0.007	6.00	10	20	50	100
Zn	67	**1.0000**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.003	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**1.0000**	0.059	0.20	10	20	50	100
Cd	111	**1.0000**	0.014	0.10	10	20	50	100
Cd	114	**1.0000**	0.036	0.10	10	20	50	100
In	115							
Ag	107	**0.9999**	0.013	0.20	10	20	50	100
Sb	121	**0.9998**	0.015	0.20	10	20	50	100
Sb	123	**1.0000**	0.011	0.20	10	20	50	100
Tb	159							
Pb	208	**1.0000**	0.043	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:18:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31733	0	Standard
	Cl	**37**		ug/L			7945752	8474032	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1799764	2	Standard
⎢	**Cr**	**52**	**48.282**	ug/L	0.722	1	20753	1587965	1	Standard
⎢	**Cr**	**53**	**49.445**	ug/L	0.533	1	175	184129	0	Standard
⎣	**Mn**	**55**	**49.857**	ug/L	0.755	1	907	2527055	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	112829	0	KED
⎢	**Ni**	**60**	**50.008**	ug/L	0.554	1	32	90370	1	KED
⎢	**Ni**	**62**	**50.311**	ug/L	0.812	1	8	14766	1	KED
⎢	**Cu**	**63**	**49.333**	ug/L	0.159	0	102	257540	0	KED
⎢	**Cu**	**65**	**49.943**	ug/L	0.382	0	38	129979	0	KED
⎢	**Zn**	**66**	**48.049**	ug/L	0.299	0	75	38108	1	KED
⎢	**Zn**	**67**	**49.018**	ug/L	0.506	1	13	6446	0	KED
⎢	**As**	**75**	**48.457**	ug/L	0.291	0	2	18522	1	KED
⎣	**Se**	**78**	**75.383**	ug/L	0.035	0	12	3432	0	KED
	Y	**89**		ug/L			885368	870828	1	Standard
	Kr	**83**		ug/L			323	347	4	Standard
⎡>	**In-1**	**115**		ug/L			32288	32461	1	KED
⎢	**Mo**	**98**	**49.550**	ug/L	0.534	1	3	95225	0	KED
⎢	**Cd**	**111**	**49.758**	ug/L	0.942	1	4	22739	2	KED
⎣	**Cd**	**114**	**49.723**	ug/L	1.364	2	2	58306	1	KED
⎡>	**In**	**115**		ug/L			1802478	1728694	0	Standard
⎢	**Ag**	**107**	**48.290**	ug/L	0.338	0	66	1086884	0	Standard
⎢	**Sb**	**121**	**48.391**	ug/L	0.338	0	107	1241335	0	Standard
⎣	**Sb**	**123**	**49.938**	ug/L	0.259	0	97	958548	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3195364	1	Standard
⎣	**Pb**	**208**	**49.375**	ug/L	0.724	1	325	6794007	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:25:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29107	0	Standard
	Cl	**37**		ug/L			7945752	7922079	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1742767	1	Standard
|	**Cr**	**52**	**-0.000**	ug/L	0.020	29862	20753	20409	1	Standard
|	**Cr**	**53**	**-0.006**	ug/L	0.006	97	175	150	14	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	34	907	908	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	112637	1	KED
|	**Ni**	**60**	**-0.001**	ug/L	0.006	799	32	33	33	KED
|	**Ni**	**62**	**-0.006**	ug/L	0.011	175	8	7	43	KED
|	**Cu**	**63**	**0.001**	ug/L	0.002	170	102	115	10	KED
|	**Cu**	**65**	**0.005**	ug/L	0.005	104	38	53	25	KED
|	**Zn**	**66**	**0.014**	ug/L	0.012	86	75	90	9	KED
|	**Zn**	**67**	**0.013**	ug/L	0.046	338	13	16	35	KED
|	**As**	**75**	**0.008**	ug/L	0.003	37	2	5	22	KED
⌊	**Se**	**78**	**0.024**	ug/L	0.029	121	12	13	10	KED
	Y	**89**		ug/L			885368	864381	1	Standard
	Kr	**83**		ug/L			323	337	13	Standard
⌈>	**In-1**	**115**		ug/L			32288	33193	1	KED
|	**Mo**	**98**	**0.009**	ug/L	0.002	18	3	21	17	KED
|	**Cd**	**111**	**-0.008**	ug/L	0.001	15	4	0	86	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.001	55	2	4	23	KED
⌈>	**In**	**115**		ug/L			1802478	1722086	2	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	7	66	89	0	Standard
|	**Sb**	**121**	**0.030**	ug/L	0.001	2	107	870	2	Standard
⌊	**Sb**	**123**	**0.032**	ug/L	0.003	8	97	706	7	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3053767	2	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	28	325	435	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:29:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	30925	0	Standard
	Cl	**37**		ug/L			7945752	8358849	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1738412	0	Standard
|	**Cr**	**52**	**49.878**	ug/L	0.382	0	20753	1584096	1	Standard
|	**Cr**	**53**	**51.399**	ug/L	0.267	0	175	184894	0	Standard
⌊	**Mn**	**55**	**51.445**	ug/L	0.382	0	907	2519141	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	111742	1	KED
|	**Ni**	**60**	**50.031**	ug/L	0.787	1	32	89524	0	KED
|	**Ni**	**62**	**50.789**	ug/L	0.624	1	8	14763	1	KED
|	**Cu**	**63**	**49.750**	ug/L	0.117	0	102	257208	1	KED
|	**Cu**	**65**	**50.483**	ug/L	0.838	1	38	130098	0	KED
|	**Zn**	**66**	**50.671**	ug/L	0.550	1	75	39793	1	KED
|	**Zn**	**67**	**50.219**	ug/L	0.697	1	13	6541	2	KED
|	**As**	**75**	**49.715**	ug/L	0.431	0	2	18817	0	KED
⌊	**Se**	**78**	**49.632**	ug/L	0.907	1	12	2242	1	KED
	Y	**89**		ug/L			885368	861878	0	Standard
	Kr	**83**		ug/L			323	314	7	Standard
⌈>	**In-1**	**115**		ug/L			32288	31808	1	KED
|	**Mo**	**98**	**49.789**	ug/L	1.193	2	3	93743	0	KED
|	**Cd**	**111**	**50.990**	ug/L	0.286	0	4	22834	1	KED
⌊	**Cd**	**114**	**51.810**	ug/L	0.497	0	2	59542	1	KED
⌈>	**In**	**115**		ug/L			1802478	1697889	2	Standard
|	**Ag**	**107**	**50.155**	ug/L	0.858	1	66	1108532	0	Standard
|	**Sb**	**121**	**49.832**	ug/L	1.241	2	107	1255161	1	Standard
⌊	**Sb**	**123**	**51.629**	ug/L	1.763	3	97	972875	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3111186	1	Standard
⌊	**Pb**	**208**	**50.720**	ug/L	0.392	0	325	6795778	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:36:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	28789	2	Standard
	Cl	**37**		ug/L			7945752	8073514	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1747976	0	Standard
|	**Cr**	**52**	**0.007**	ug/L	0.004	54	20753	20701	0	Standard
|	**Cr**	**53**	**-0.002**	ug/L	0.003	221	175	167	6	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	26	907	919	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	114168	0	KED
|	**Ni**	**60**	**0.000**	ug/L	0.003	3492	32	34	17	KED
|	**Ni**	**62**	**-0.006**	ug/L	0.011	169	8	7	43	KED
|	**Cu**	**63**	**0.001**	ug/L	0.000	55	102	113	0	KED
|	**Cu**	**65**	**0.008**	ug/L	0.002	20	38	62	8	KED
|	**Zn**	**66**	**0.020**	ug/L	0.017	83	75	97	13	KED
|	**Zn**	**67**	**-0.022**	ug/L	0.043	194	13	12	48	KED
|	**As**	**75**	**0.006**	ug/L	0.002	34	2	4	15	KED
⌊	**Se**	**78**	**0.009**	ug/L	0.069	721	12	13	23	KED
	Y	**89**		ug/L			885368	862662	0	Standard
	Kr	**83**		ug/L			323	342	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	32516	1	KED
|	**Mo**	**98**	**0.010**	ug/L	0.003	27	3	22	24	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.001	21	4	1	34	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	120	2	5	67	KED
⌈>	**In**	**115**		ug/L			1802478	1735650	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	22	66	100	9	Standard
|	**Sb**	**121**	**0.062**	ug/L	0.002	3	107	1711	2	Standard
⌊	**Sb**	**123**	**0.067**	ug/L	0.002	3	97	1387	2	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3056257	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	15	325	474	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:42:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	39564	1	Standard
	Cl	**37**		ug/L			7945752	8002522	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1773028	0	Standard
|	**Cr**	**52**	**0.501**	ug/L	0.023	4	20753	36801	1	Standard
|	**Cr**	**53**	**0.510**	ug/L	0.013	2	175	2043	2	Standard
⌊	**Mn**	**55**	**0.509**	ug/L	0.006	1	907	26296	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	110941	5	KED
|	**Ni**	**60**	**0.513**	ug/L	0.014	2	32	944	4	KED
|	**Ni**	**62**	**0.448**	ug/L	0.007	1	8	138	6	KED
|	**Cu**	**63**	**0.522**	ug/L	0.032	6	102	2781	3	KED
|	**Cu**	**65**	**0.522**	ug/L	0.015	2	38	1374	3	KED
|	**Zn**	**66**	**6.237**	ug/L	0.377	6	75	4921	0	KED
|	**Zn**	**67**	**5.655**	ug/L	0.510	9	13	742	6	KED
|	**As**	**75**	**0.204**	ug/L	0.009	4	2	78	1	KED
⌊	**Se**	**78**	**0.515**	ug/L	0.078	15	12	35	12	KED
	Y	**89**		ug/L			885368	865052	0	Standard
	Kr	**83**		ug/L			323	348	13	Standard
⌈>	**In-1**	**115**		ug/L			32288	32949	0	KED
|	**Mo**	**98**	**0.199**	ug/L	0.020	9	3	392	10	KED
|	**Cd**	**111**	**0.102**	ug/L	0.025	24	4	51	22	KED
⌊	**Cd**	**114**	**0.119**	ug/L	0.023	19	2	143	19	KED
⌈>	**In**	**115**		ug/L			1802478	1742647	1	Standard
|	**Ag**	**107**	**0.197**	ug/L	0.011	5	66	4525	5	Standard
|	**Sb**	**121**	**0.209**	ug/L	0.002	0	107	5507	1	Standard
⌊	**Sb**	**123**	**0.218**	ug/L	0.002	0	97	4310	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3123358	0	Standard
⌊	**Pb**	**208**	**0.103**	ug/L	0.001	1	325	14233	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:46:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	174595	1	Standard
	Cl	**37**		ug/L			7945752	17624692	3	Standard
>	**Sc**	**45**		ug/L			1771523	1793198	1	Standard
	Cr	**52**	**0.505**	ug/L	0.022	4	20753	37320	1	Standard
	Cr	**53**	**7.096**	ug/L	0.028	0	175	26482	0	Standard
	Mn	**55**	**0.097**	ug/L	0.002	2	907	5797	0	Standard
>	**Ge**	**72**		ug/L			106438	108486	1	KED
	Ni	**60**	**0.068**	ug/L	0.007	9	32	150	9	KED
	Ni	**62**	**0.159**	ug/L	0.040	25	8	53	22	KED
	Cu	**63**	**0.071**	ug/L	0.009	12	102	458	8	KED
	Cu	**65**	**0.084**	ug/L	0.011	13	38	248	10	KED
	Zn	**66**	**0.433**	ug/L	0.057	13	75	406	12	KED
	Zn	**67**	**0.451**	ug/L	0.064	14	13	71	10	KED
	As	**75**	**0.025**	ug/L	0.002	8	2	11	6	KED
	Se	**78**	**0.033**	ug/L	0.042	126	12	13	12	KED
	Y	**89**		ug/L			885368	856423	1	Standard
	Kr	**83**		ug/L			323	436	7	Standard
>	**In-1**	**115**		ug/L			32288	31972	1	KED
	Mo	**98**	**406.333**	ug/L	5.612	1	3	769121	0	KED
	Cd	**111**	**0.066**	ug/L	0.009	13	4	33	12	KED
	Cd	**114**	**0.065**	ug/L	0.007	10	2	77	10	KED
>	**In**	**115**		ug/L			1802478	1719654	1	Standard
	Ag	**107**	**0.005**	ug/L	0.001	12	66	179	7	Standard
	Sb	**121**	**0.019**	ug/L	0.001	7	107	594	4	Standard
	Sb	**123**	**0.020**	ug/L	0.001	4	97	469	2	Standard
>	**Tb**	**159**		ug/L			3135538	3345382	0	Standard
	Pb	**208**	**0.017**	ug/L	0.001	7	325	2790	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:51:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	176909	0	Standard
	Cl	**37**		ug/L			7945752	17872184	2	Standard
>	**Sc**	**45**		ug/L			1771523	1772869	1	Standard
	Cr	**52**	**20.435**	ug/L	0.275	1	20753	674034	0	Standard
	Cr	**53**	**27.821**	ug/L	0.525	1	175	102125	0	Standard
	Mn	**55**	**20.098**	ug/L	0.426	2	907	1004006	1	Standard
>	**Ge**	**72**		ug/L			106438	110102	1	KED
	Ni	**60**	**20.384**	ug/L	0.268	1	32	35961	0	KED
	Ni	**62**	**20.283**	ug/L	0.091	0	8	5815	0	KED
	Cu	**63**	**19.727**	ug/L	0.165	0	102	100553	0	KED
	Cu	**65**	**19.752**	ug/L	0.293	1	38	50182	0	KED
	Zn	**66**	**19.000**	ug/L	0.286	1	75	14750	0	KED
	Zn	**67**	**18.116**	ug/L	0.439	2	13	2334	2	KED
	As	**75**	**19.754**	ug/L	0.043	0	2	7369	1	KED
	Se	**78**	**0.038**	ug/L	0.049	127	12	14	16	KED
	Y	**89**		ug/L			885368	849834	1	Standard
	Kr	**83**		ug/L			323	454	4	Standard
>	**In-1**	**115**		ug/L			32288	31379	1	KED
	Mo	**98**	**393.676**	ug/L	10.148	2	3	731535	3	KED
	Cd	**111**	**19.107**	ug/L	0.468	2	4	8445	3	KED
	Cd	**114**	**19.372**	ug/L	0.321	1	2	21969	2	KED
>	**In**	**115**		ug/L			1802478	1722363	1	Standard
	Ag	**107**	**18.146**	ug/L	0.584	3	66	406892	2	Standard
	Sb	**121**	**0.016**	ug/L	0.001	9	107	506	6	Standard
	Sb	**123**	**0.015**	ug/L	0.003	18	97	370	12	Standard
>	**Tb**	**159**		ug/L			3135538	3348292	0	Standard
	Pb	**208**	**0.016**	ug/L	0.000	2	325	2659	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:55:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	40571	0	Standard
	Cl	**37**		ug/L			7945752	8592768	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1657912	0	Standard
|	**Cr**	**52**	**203.481**	ug/L	1.181	0	20753	6103322	0	Standard
|	**Cr**	**53**	**203.044**	ug/L	0.588	0	175	696103	0	Standard
⌊	**Mn**	**55**	**202.376**	ug/L	0.325	0	907	9448288	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	105280	1	KED
|	**Ni**	**60**	**194.665**	ug/L	2.813	1	32	328121	0	KED
|	**Ni**	**62**	**196.485**	ug/L	3.046	1	8	53784	0	KED
|	**Cu**	**63**	**193.669**	ug/L	1.787	0	102	943039	0	KED
|	**Cu**	**65**	**193.822**	ug/L	2.933	1	38	470544	0	KED
|	**Zn**	**66**	**191.492**	ug/L	1.755	0	75	141482	0	KED
|	**Zn**	**67**	**188.403**	ug/L	1.808	0	13	23079	0	KED
|	**As**	**75**	**196.462**	ug/L	1.169	0	2	70059	0	KED
⌊	**Se**	**78**	**191.384**	ug/L	1.761	0	12	8111	0	KED
	Y	**89**		ug/L			885368	822743	0	Standard
	Kr	**83**		ug/L			323	423	9	Standard
⌈>	**In-1**	**115**		ug/L			32288	30065	0	KED
|	**Mo**	**98**	**203.537**	ug/L	0.671	0	3	362319	0	KED
|	**Cd**	**111**	**198.470**	ug/L	1.681	0	4	83998	0	KED
⌊	**Cd**	**114**	**198.561**	ug/L	1.936	0	2	215705	0	KED
⌈>	**In**	**115**		ug/L			1802478	1626263	1	Standard
|	**Ag**	**107**	**198.866**	ug/L	5.418	2	66	4210000	1	Standard
|	**Sb**	**121**	**206.336**	ug/L	2.329	1	107	4979175	1	Standard
⌊	**Sb**	**123**	**215.120**	ug/L	2.020	0	97	3884112	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3183656	1	Standard
⌊	**Pb**	**208**	**192.932**	ug/L	2.834	1	325	26449535	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 14:59:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	40092	2	Standard
	Cl	**37**		ug/L			7945752	8430689	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1583996	0	Standard
⎢	**Cr**	**52**	**312.378**	ug/L	2.073	0	20753	8941668	0	Standard
⎢	**Cr**	**53**	**309.577**	ug/L	1.425	0	175	1013955	0	Standard
⎣	**Mn**	**55**	**309.645**	ug/L	3.673	1	907	13811067	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	101344	0	KED
⎢	**Ni**	**60**	**300.189**	ug/L	1.207	0	32	487086	0	KED
⎢	**Ni**	**62**	**301.672**	ug/L	1.467	0	8	79496	1	KED
⎢	**Cu**	**63**	**289.800**	ug/L	2.295	0	102	1358379	0	KED
⎢	**Cu**	**65**	**291.249**	ug/L	2.799	0	38	680649	0	KED
⎢	**Zn**	**66**	**283.505**	ug/L	3.239	1	75	201616	1	KED
⎢	**Zn**	**67**	**282.269**	ug/L	2.231	0	13	33282	1	KED
⎢	**As**	**75**	**300.863**	ug/L	1.070	0	2	103283	1	KED
⎣	**Se**	**78**	**290.233**	ug/L	0.451	0	12	11836	0	KED
	Y	**89**		ug/L			885368	775630	0	Standard
	Kr	**83**		ug/L			323	502	3	Standard
⎡>	**In-1**	**115**		ug/L			32288	29113	1	KED
⎢	**Mo**	**98**	**307.299**	ug/L	6.884	2	3	529587	1	KED
⎢	**Cd**	**111**	**301.945**	ug/L	5.184	1	4	123726	0	KED
⎣	**Cd**	**114**	**305.921**	ug/L	5.375	1	2	321767	0	KED
⎡>	**In**	**115**		ug/L			1802478	1552102	1	Standard
⎢	**Ag**	**107**	**291.500**	ug/L	1.374	0	66	5890562	1	Standard
⎢	**Sb**	**121**	**301.094**	ug/L	1.675	0	107	6934110	0	Standard
⎣	**Sb**	**123**	**309.835**	ug/L	2.586	0	97	5339058	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3091949	0	Standard
⎣	**Pb**	**208**	**290.923**	ug/L	2.535	0	325	38736916	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:06:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	36419	2	Standard
	Cl	**37**		ug/L			7945752	8300064	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1722062	1	Standard
|	**Cr**	**52**	**0.027**	ug/L	0.008	29	20753	21004	1	Standard
|	**Cr**	**53**	**0.087**	ug/L	0.003	3	175	482	2	Standard
⌊	**Mn**	**55**	**0.011**	ug/L	0.001	7	907	1412	2	Standard
⌈>	**Ge**	**72**		ug/L			106438	108131	7	KED
|	**Ni**	**60**	**0.014**	ug/L	0.006	42	32	57	23	KED
|	**Ni**	**62**	**0.008**	ug/L	0.018	234	8	11	50	KED
|	**Cu**	**63**	**0.014**	ug/L	0.001	9	102	175	5	KED
|	**Cu**	**65**	**0.020**	ug/L	0.004	19	38	88	10	KED
|	**Zn**	**66**	**0.175**	ug/L	0.030	16	75	208	4	KED
|	**Zn**	**67**	**0.194**	ug/L	0.024	12	13	38	15	KED
|	**As**	**75**	**0.017**	ug/L	0.010	55	2	8	34	KED
⌊	**Se**	**78**	**0.021**	ug/L	0.024	112	12	13	15	KED
	Y	**89**		ug/L			885368	841235	0	Standard
	Kr	**83**		ug/L			323	314	4	Standard
⌈>	**In-1**	**115**		ug/L			32288	31707	1	KED
|	**Mo**	**98**	**0.036**	ug/L	0.006	15	3	70	14	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.004	155	4	2	66	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	106	2	5	64	KED
⌈>	**In**	**115**		ug/L			1802478	1711008	1	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	20	66	164	14	Standard
|	**Sb**	**121**	**0.202**	ug/L	0.003	1	107	5233	3	Standard
⌊	**Sb**	**123**	**0.206**	ug/L	0.011	5	97	4015	6	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3064320	0	Standard
⌊	**Pb**	**208**	**0.016**	ug/L	0.000	0	325	2409	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:13:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	35989	2	Standard
	Cl	**37**		ug/L			7945752	8192648	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1722969	1	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.009	37	20753	20941	0	Standard
|	**Cr**	**53**	**0.073**	ug/L	0.003	3	175	430	3	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.001	10	907	1372	4	Standard
⌈>	**Ge**	**72**		ug/L			106438	113640	1	KED
|	**Ni**	**60**	**0.015**	ug/L	0.003	21	32	61	9	KED
|	**Ni**	**62**	**0.009**	ug/L	0.003	38	8	12	9	KED
|	**Cu**	**63**	**0.015**	ug/L	0.002	15	102	190	7	KED
|	**Cu**	**65**	**0.020**	ug/L	0.002	10	38	93	5	KED
|	**Zn**	**66**	**0.185**	ug/L	0.008	4	75	227	4	KED
|	**Zn**	**67**	**0.151**	ug/L	0.096	63	13	34	37	KED
|	**As**	**75**	**0.009**	ug/L	0.009	93	2	6	57	KED
⌊	**Se**	**78**	**0.043**	ug/L	0.021	49	12	14	7	KED
	Y	**89**		ug/L			885368	860961	1	Standard
	Kr	**83**		ug/L			323	318	8	Standard
⌈>	**In-1**	**115**		ug/L			32288	32430	1	KED
|	**Mo**	**98**	**0.013**	ug/L	0.004	32	3	28	27	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.003	89	4	2	57	KED
⌊	**Cd**	**114**	**0.006**	ug/L	0.002	26	2	9	21	KED
⌈>	**In**	**115**		ug/L			1802478	1708182	2	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	47	66	90	12	Standard
|	**Sb**	**121**	**0.070**	ug/L	0.002	3	107	1880	0	Standard
⌊	**Sb**	**123**	**0.076**	ug/L	0.004	5	97	1528	3	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3037890	1	Standard
⌊	**Pb**	**208**	**0.014**	ug/L	0.001	4	325	2193	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:19:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31903	0	Standard
	Cl	**37**		ug/L			7945752	8722412	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1729095	0	Standard
⎢	**Cr**	**52**	**49.987**	ug/L	0.617	1	20753	1578889	0	Standard
⎢	**Cr**	**53**	**51.351**	ug/L	1.404	2	175	183717	2	Standard
⎣	**Mn**	**55**	**51.799**	ug/L	0.637	1	907	2522688	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	111620	0	KED
⎢	**Ni**	**60**	**50.502**	ug/L	0.271	0	32	90285	1	KED
⎢	**Ni**	**62**	**50.391**	ug/L	0.973	1	8	14631	1	KED
⎢	**Cu**	**63**	**50.180**	ug/L	0.225	0	102	259154	0	KED
⎢	**Cu**	**65**	**50.596**	ug/L	0.392	0	38	130271	1	KED
⎢	**Zn**	**66**	**50.786**	ug/L	0.046	0	75	39843	0	KED
⎢	**Zn**	**67**	**49.717**	ug/L	0.793	1	13	6468	2	KED
⎢	**As**	**75**	**49.850**	ug/L	0.211	0	2	18849	0	KED
⎣	**Se**	**78**	**50.539**	ug/L	0.313	0	12	2280	1	KED
	Y	**89**		ug/L			885368	857459	0	Standard
	Kr	**83**		ug/L			323	311	16	Standard
⎡>	**In-1**	**115**		ug/L			32288	32136	1	KED
⎢	**Mo**	**98**	**49.493**	ug/L	0.436	0	3	94170	0	KED
⎢	**Cd**	**111**	**50.466**	ug/L	0.937	1	4	22830	0	KED
⎣	**Cd**	**114**	**51.038**	ug/L	0.608	1	2	59263	0	KED
⎡>	**In**	**115**		ug/L			1802478	1691674	2	Standard
⎢	**Ag**	**107**	**49.098**	ug/L	0.819	1	66	1081263	1	Standard
⎢	**Sb**	**121**	**48.459**	ug/L	1.251	2	107	1216081	0	Standard
⎣	**Sb**	**123**	**50.603**	ug/L	0.630	1	97	950362	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3143540	1	Standard
⎣	**Pb**	**208**	**49.845**	ug/L	0.512	1	325	6747708	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:26:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29126	1	Standard
	Cl	**37**		ug/L			7945752	8222882	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1740673	0	Standard
|	**Cr**	**52**	**-0.002**	ug/L	0.002	74	20753	20316	0	Standard
|	**Cr**	**53**	**0.040**	ug/L	0.003	6	175	315	3	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	109	907	917	2	Standard
⌈>	**Ge**	**72**		ug/L			106438	111814	0	KED
|	**Ni**	**60**	**0.002**	ug/L	0.007	325	32	38	35	KED
|	**Ni**	**62**	**-0.015**	ug/L	0.010	69	8	5	57	KED
|	**Cu**	**63**	**0.002**	ug/L	0.002	95	102	119	9	KED
|	**Cu**	**65**	**0.006**	ug/L	0.003	42	38	56	11	KED
|	**Zn**	**66**	**0.010**	ug/L	0.025	256	75	86	21	KED
|	**Zn**	**67**	**-0.015**	ug/L	0.042	273	13	12	43	KED
|	**As**	**75**	**0.007**	ug/L	0.004	64	2	4	33	KED
⌊	**Se**	**78**	**-0.001**	ug/L	0.032	2376	12	12	11	KED
	Y	**89**		ug/L			885368	861482	0	Standard
	Kr	**83**		ug/L			323	337	8	Standard
⌈>	**In-1**	**115**		ug/L			32288	32042	0	KED
|	**Mo**	**98**	**0.011**	ug/L	0.002	14	3	24	13	KED
|	**Cd**	**111**	**0.002**	ug/L	0.001	52	4	5	10	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	148	2	3	52	KED
⌈>	**In**	**115**		ug/L			1802478	1717525	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	40	66	100	13	Standard
|	**Sb**	**121**	**0.074**	ug/L	0.004	5	107	1989	6	Standard
⌊	**Sb**	**123**	**0.079**	ug/L	0.004	5	97	1594	7	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3085237	0	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	6	325	682	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:33:21

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	44567	2	Standard
	Cl	**37**		ug/L			7945752	8006883	0	Standard
>	**Sc**	**45**		ug/L			1771523	1732125	1	Standard
	Cr	**52**	**0.098**	ug/L	0.009	8	20753	23356	0	Standard
	Cr	**53**	**0.124**	ug/L	0.006	4	175	615	2	Standard
	Mn	**55**	**0.311**	ug/L	0.001	0	907	16054	1	Standard
>	**Ge**	**72**		ug/L			106438	113336	2	KED
	Ni	**60**	**0.015**	ug/L	0.012	79	32	62	33	KED
	Ni	**62**	**0.045**	ug/L	0.011	24	8	22	16	KED
	Cu	**63**	**0.029**	ug/L	0.003	10	102	260	4	KED
	Cu	**65**	**0.033**	ug/L	0.007	20	38	126	15	KED
	Zn	**66**	**0.369**	ug/L	0.018	4	75	373	4	KED
	Zn	**67**	**0.297**	ug/L	0.077	25	13	53	18	KED
	As	**75**	**0.003**	ug/L	0.003	100	2	3	28	KED
	Se	**78**	**0.028**	ug/L	0.050	180	12	14	13	KED
	Y	**89**		ug/L			885368	850157	1	Standard
	Kr	**83**		ug/L			323	331	4	Standard
>	**In-1**	**115**		ug/L			32288	32307	1	KED
	Mo	**98**	**0.017**	ug/L	0.004	24	3	36	23	KED
	Cd	**111**	**-0.001**	ug/L	0.003	230	4	3	41	KED
	Cd	**114**	**0.002**	ug/L	0.004	166	2	4	85	KED
>	**In**	**115**		ug/L			1802478	1702496	1	Standard
	Ag	**107**	**0.002**	ug/L	0.000	15	66	99	6	Standard
	Sb	**121**	**0.043**	ug/L	0.001	2	107	1177	0	Standard
	Sb	**123**	**0.044**	ug/L	0.001	1	97	915	2	Standard
>	**Tb**	**159**		ug/L			3135538	3013569	0	Standard
	Pb	**208**	**0.005**	ug/L	0.001	11	325	909	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-05
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:40:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	47805	0	Standard
	Cl	37		ug/L			7945752	7981275	0	Standard
>	Sc	45		ug/L			1771523	1758973	2	Standard
	Cr	52	0.138	ug/L	0.011	8	20753	24969	1	Standard
	Cr	53	0.171	ug/L	0.007	3	175	797	0	Standard
	Mn	55	0.154	ug/L	0.005	3	907	8515	0	Standard
>	Ge	72		ug/L			106438	112344	1	KED
	Ni	60	0.033	ug/L	0.003	8	32	93	4	KED
	Ni	62	0.022	ug/L	0.008	35	8	15	13	KED
	Cu	63	0.050	ug/L	0.004	7	102	370	5	KED
	Cu	65	0.059	ug/L	0.008	14	38	193	10	KED
	Zn	66	0.230	ug/L	0.019	8	75	260	3	KED
	Zn	67	0.251	ug/L	0.057	22	13	47	17	KED
	As	75	0.004	ug/L	0.003	66	2	3	27	KED
	Se	78	-0.044	ug/L	0.038	84	12	10	13	KED
	Y	89		ug/L			885368	863841	0	Standard
	Kr	83		ug/L			323	349	4	Standard
>	In-1	115		ug/L			32288	32500	0	KED
	Mo	98	0.016	ug/L	0.001	7	3	33	6	KED
	Cd	111	-0.002	ug/L	0.005	242	4	3	75	KED
	Cd	114	-0.001	ug/L	0.001	175	2	1	67	KED
>	In	115		ug/L			1802478	1770908	1	Standard
	Ag	107	0.001	ug/L	0.001	77	66	81	15	Standard
	Sb	121	0.060	ug/L	0.001	1	107	1679	1	Standard
	Sb	123	0.063	ug/L	0.004	6	97	1327	5	Standard
>	Tb	159		ug/L			3135538	3097214	0	Standard
	Pb	208	0.003	ug/L	0.000	3	325	704	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-10
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:46:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	53603	1	Standard
	Cl	37		ug/L			7945752	8414320	0	Standard
>	Sc	45		ug/L			1771523	1815308	0	Standard
	Cr	52	0.306	ug/L	0.018	6	20753	31280	1	Standard
	Cr	53	0.587	ug/L	0.013	2	175	2381	3	Standard
	Mn	55	4.268	ug/L	0.005	0	907	219111	0	Standard
>	Ge	72		ug/L			106438	102833	2	KED
	Ni	60	0.477	ug/L	0.006	1	32	817	2	KED
	Ni	62	0.424	ug/L	0.026	6	8	121	6	KED
	Cu	63	0.804	ug/L	0.022	2	102	3923	3	KED
	Cu	65	0.814	ug/L	0.018	2	38	1965	1	KED
	Zn	66	0.618	ug/L	0.048	7	75	518	4	KED
	Zn	67	2.935	ug/L	0.361	12	13	365	13	KED
	As	75	1.390	ug/L	0.038	2	2	486	1	KED
	Se	78	0.090	ug/L	0.028	31	12	15	7	KED
	Y	89		ug/L			885368	818263	1	Standard
	Kr	83		ug/L			323	302	2	Standard
>	In-1	115		ug/L			32288	29959	1	KED
	Mo	98	6.819	ug/L	0.156	2	3	12098	1	KED
	Cd	111	0.011	ug/L	0.004	32	4	8	19	KED
	Cd	114	0.012	ug/L	0.007	54	2	15	46	KED
>	In	115		ug/L			1802478	1616828	1	Standard
	Ag	107	0.002	ug/L	0.000	18	66	98	6	Standard
	Sb	121	1.025	ug/L	0.025	2	107	24680	1	Standard
	Sb	123	1.064	ug/L	0.019	1	97	19177	0	Standard
>	Tb	159		ug/L			3135538	3042555	1	Standard
	Pb	208	0.027	ug/L	0.001	4	325	3885	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-12
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:52:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	53713	1	Standard
	Cl	**37**		ug/L			7945752	8539789	0	Standard
>	**Sc**	**45**		ug/L			1771523	1841837	0	Standard
	Cr	**52**	**0.568**	ug/L	0.006	1	20753	40434	0	Standard
	Cr	**53**	**0.895**	ug/L	0.010	1	175	3589	1	Standard
	Mn	**55**	**1.777**	ug/L	0.021	1	907	93101	0	Standard
>	**Ge**	**72**		ug/L			106438	100537	0	KED
	Ni	**60**	**0.507**	ug/L	0.018	3	32	845	2	KED
	Ni	**62**	**0.475**	ug/L	0.080	16	8	132	16	KED
	Cu	**63**	**0.800**	ug/L	0.039	4	102	3815	5	KED
	Cu	**65**	**0.817**	ug/L	0.014	1	38	1930	1	KED
	Zn	**66**	**0.694**	ug/L	0.042	6	75	560	5	KED
	Zn	**67**	**3.091**	ug/L	0.088	2	13	374	3	KED
	As	**75**	**1.249**	ug/L	0.022	1	2	427	2	KED
	Se	**78**	**0.147**	ug/L	0.121	82	12	17	28	KED
	Y	**89**		ug/L			885368	818026	0	Standard
	Kr	**83**		ug/L			323	342	2	Standard
>	**In-1**	**115**		ug/L			32288	29755	0	KED
	Mo	**98**	**6.797**	ug/L	0.059	0	3	11978	1	KED
	Cd	**111**	**0.004**	ug/L	0.006	149	4	5	44	KED
	Cd	**114**	**0.008**	ug/L	0.003	41	2	11	34	KED
>	**In**	**115**		ug/L			1802478	1636179	0	Standard
	Ag	**107**	**0.002**	ug/L	0.000	24	66	95	8	Standard
	Sb	**121**	**1.076**	ug/L	0.024	2	107	26211	1	Standard
	Sb	**123**	**1.113**	ug/L	0.012	1	97	20301	0	Standard
>	**Tb**	**159**		ug/L			3135538	3057180	0	Standard
	Pb	**208**	**0.058**	ug/L	0.001	1	325	7947	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-14
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 15:58:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	54648	1	Standard
	Cl	**37**		ug/L			7945752	8630729	1	Standard
>	**Sc**	**45**		ug/L			1771523	1845738	1	Standard
	Cr	**52**	**0.520**	ug/L	0.012	2	20753	38945	1	Standard
	Cr	**53**	**0.846**	ug/L	0.015	1	175	3409	0	Standard
	Mn	**55**	**1.569**	ug/L	0.017	1	907	82488	0	Standard
>	**Ge**	**72**		ug/L			106438	101241	0	KED
	Ni	**60**	**0.444**	ug/L	0.018	4	32	749	4	KED
	Ni	**62**	**0.436**	ug/L	0.032	7	8	123	5	KED
	Cu	**63**	**0.811**	ug/L	0.015	1	102	3897	1	KED
	Cu	**65**	**0.833**	ug/L	0.027	3	38	1981	3	KED
	Zn	**66**	**0.671**	ug/L	0.037	5	75	548	5	KED
	Zn	**67**	**2.784**	ug/L	0.109	3	13	340	2	KED
	As	**75**	**1.212**	ug/L	0.047	3	2	417	4	KED
	Se	**78**	**0.112**	ug/L	0.149	133	12	16	38	KED
	Y	**89**		ug/L			885368	831700	0	Standard
	Kr	**83**		ug/L			323	307	8	Standard
>	**In-1**	**115**		ug/L			32288	29995	0	KED
	Mo	**98**	**6.905**	ug/L	0.036	0	3	12265	0	KED
	Cd	**111**	**0.007**	ug/L	0.006	88	4	6	37	KED
	Cd	**114**	**0.005**	ug/L	0.004	77	2	7	55	KED
>	**In**	**115**		ug/L			1802478	1707073	1	Standard
	Ag	**107**	**0.001**	ug/L	0.000	22	66	81	4	Standard
	Sb	**121**	**1.063**	ug/L	0.019	1	107	27019	1	Standard
	Sb	**123**	**1.100**	ug/L	0.014	1	97	20942	0	Standard
>	**Tb**	**159**		ug/L			3135538	3115941	0	Standard
	Pb	**208**	**0.055**	ug/L	0.001	2	325	7689	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-18
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:03:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	57337	1	Standard
	Cl	37		ug/L			7945752	8420483	0	Standard
>	Sc	45		ug/L			1771523	1933343	1	Standard
	Cr	52	0.056	ug/L	0.016	28	20753	24598	1	Standard
	Cr	53	0.285	ug/L	0.014	4	175	1330	2	Standard
	Mn	55	49.957	ug/L	0.586	1	907	2720285	0	Standard
>	Ge	72		ug/L			106438	102815	0	KED
	Ni	60	1.325	ug/L	0.029	2	32	2212	2	KED
	Ni	62	1.285	ug/L	0.165	12	8	352	13	KED
	Cu	63	0.333	ug/L	0.013	3	102	1683	4	KED
	Cu	65	0.336	ug/L	0.008	2	38	832	3	KED
	Zn	66	0.548	ug/L	0.026	4	75	467	4	KED
	Zn	67	0.710	ug/L	0.066	9	13	98	7	KED
	As	75	0.228	ug/L	0.014	6	2	81	5	KED
	Se	78	0.038	ug/L	0.062	164	12	13	18	KED
	Y	89		ug/L			885368	849417	0	Standard
	Kr	83		ug/L			323	341	6	Standard
>	In-1	115		ug/L			32288	29906	1	KED
	Mo	98	0.044	ug/L	0.003	6	3	80	7	KED
	Cd	111	0.008	ug/L	0.006	70	4	7	32	KED
	Cd	114	0.009	ug/L	0.004	46	2	12	38	KED
>	In	115		ug/L			1802478	1719992	1	Standard
	Ag	107	-0.000	ug/L	0.000	388	66	60	19	Standard
	Sb	121	0.052	ug/L	0.001	2	107	1418	0	Standard
	Sb	123	0.054	ug/L	0.004	6	97	1122	4	Standard
>	Tb	159		ug/L			3135538	3089624	1	Standard
	Pb	208	0.006	ug/L	0.001	9	325	1156	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:09:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	53769	2	Standard
	Cl	37		ug/L			7945752	8411576	0	Standard
>	Sc	45		ug/L			1771523	1980691	5	Standard
	Cr	52	0.126	ug/L	0.055	43	20753	27638	1	Standard
	Cr	53	0.374	ug/L	0.021	5	175	1725	0	Standard
	Mn	55	48.626	ug/L	2.869	5	907	2706796	0	Standard
>	Ge	72		ug/L			106438	104122	1	KED
	Ni	60	1.378	ug/L	0.024	1	32	2328	1	KED
	Ni	62	1.279	ug/L	0.050	3	8	354	3	KED
	Cu	63	0.332	ug/L	0.009	2	102	1700	2	KED
	Cu	65	0.363	ug/L	0.015	4	38	907	5	KED
	Zn	66	0.589	ug/L	0.069	11	75	503	8	KED
	Zn	67	0.909	ug/L	0.097	10	13	123	11	KED
	As	75	0.214	ug/L	0.018	8	2	77	7	KED
	Se	78	0.062	ug/L	0.017	26	12	14	6	KED
	Y	89		ug/L			885368	842017	1	Standard
	Kr	83		ug/L			323	306	0	Standard
>	In-1	115		ug/L			32288	30565	0	KED
	Mo	98	0.060	ug/L	0.014	23	3	111	22	KED
	Cd	111	0.009	ug/L	0.004	51	4	7	25	KED
	Cd	114	0.017	ug/L	0.005	32	2	21	28	KED
>	In	115		ug/L			1802478	1717209	0	Standard
	Ag	107	0.001	ug/L	0.000	69	66	76	12	Standard
	Sb	121	0.067	ug/L	0.002	2	107	1802	3	Standard
	Sb	123	0.070	ug/L	0.001	1	97	1429	1	Standard
>	Tb	159		ug/L			3135538	3155960	0	Standard
	Pb	208	0.007	ug/L	0.000	4	325	1215	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:15:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	53600	1	Standard
Cl	37		ug/L			7945752	8480779	1	Standard
> Sc	45		ug/L			1771523	1931018	0	Standard
Cr	52	21.928	ug/L	0.513	2	20753	786137	1	Standard
Cr	53	22.778	ug/L	0.334	1	175	91117	0	Standard
Mn	55	72.068	ug/L	1.881	2	907	3918927	1	Standard
> Ge	72		ug/L			106438	104147	1	KED
Ni	60	26.892	ug/L	0.402	1	32	44866	0	KED
Ni	62	26.709	ug/L	0.712	2	8	7239	2	KED
Cu	63	25.578	ug/L	0.338	1	102	123290	0	KED
Cu	65	25.282	ug/L	0.411	1	38	60746	0	KED
Zn	66	77.987	ug/L	1.350	1	75	57043	1	KED
Zn	67	72.773	ug/L	1.146	1	13	8826	1	KED
As	75	25.482	ug/L	0.168	0	2	8991	1	KED
Se	78	79.056	ug/L	0.965	1	12	3321	1	KED
Y	89		ug/L			885368	852453	1	Standard
Kr	83		ug/L			323	283	7	Standard
> In-1	115		ug/L			32288	30962	1	KED
Mo	98	0.063	ug/L	0.008	12	3	119	12	KED
Cd	111	25.185	ug/L	0.549	2	4	10979	1	KED
Cd	114	25.690	ug/L	0.333	1	2	28741	0	KED
> In	115		ug/L			1802478	1739505	1	Standard
Ag	107	24.388	ug/L	0.488	2	66	552366	2	Standard
Sb	121	0.043	ug/L	0.002	3	107	1201	4	Standard
Sb	123	0.045	ug/L	0.002	5	97	971	5	Standard
> Tb	159		ug/L			3135538	3129988	0	Standard
Pb	208	24.693	ug/L	0.133	0	325	3328791	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0601-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:22:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	54744	0	Standard
	Cl	37		ug/L			7945752	8436163	0	Standard
>	Sc	45		ug/L			1771523	1949688	0	Standard
	Cr	52	22.371	ug/L	0.196	0	20753	809404	0	Standard
	Cr	53	23.107	ug/L	0.099	0	175	93331	0	Standard
	Mn	55	73.959	ug/L	0.585	0	907	4061166	0	Standard
>	Ge	72		ug/L			106438	105345	2	KED
	Ni	60	26.347	ug/L	0.079	0	32	44470	2	KED
	Ni	62	26.722	ug/L	0.421	1	8	7326	1	KED
	Cu	63	25.170	ug/L	0.340	1	102	122712	1	KED
	Cu	65	25.139	ug/L	0.219	0	38	61113	3	KED
	Zn	66	78.068	ug/L	0.527	0	75	57766	2	KED
	Zn	67	73.513	ug/L	1.675	2	13	9019	3	KED
	As	75	25.549	ug/L	0.450	1	2	9120	3	KED
	Se	78	78.494	ug/L	0.233	0	12	3336	2	KED
	Y	89		ug/L			885368	852361	0	Standard
	Kr	83		ug/L			323	328	9	Standard
>	In-1	115		ug/L			32288	30893	0	KED
	Mo	98	0.050	ug/L	0.007	14	3	94	13	KED
	Cd	111	25.372	ug/L	0.329	1	4	11037	1	KED
	Cd	114	25.561	ug/L	0.419	1	2	28536	1	KED
>	In	115		ug/L			1802478	1745496	1	Standard
	Ag	107	24.730	ug/L	1.001	4	66	562042	3	Standard
	Sb	121	0.035	ug/L	0.001	2	107	1017	3	Standard
	Sb	123	0.037	ug/L	0.002	5	97	802	5	Standard
>	Tb	159		ug/L			3135538	3143473	0	Standard
	Pb	208	24.978	ug/L	0.294	1	325	3381506	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:30:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	32306	1	Standard
	Cl	**37**		ug/L			7945752	9095970	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1768507	1	Standard
⎢	**Cr**	**52**	**-0.003**	ug/L	0.013	482	20753	20628	1	Standard
⎢	**Cr**	**53**	**0.032**	ug/L	0.003	9	175	293	3	Standard
⎣	**Mn**	**55**	**-0.001**	ug/L	0.001	60	907	850	3	Standard
⎡>	**Ge**	**72**		ug/L			106438	110415	0	KED
⎢	**Ni**	**60**	**0.007**	ug/L	0.007	97	32	46	27	KED
⎢	**Ni**	**62**	**0.006**	ug/L	0.004	75	8	10	10	KED
⎢	**Cu**	**63**	**-0.005**	ug/L	0.008	173	102	82	52	KED
⎢	**Cu**	**65**	**0.001**	ug/L	0.001	84	38	42	5	KED
⎢	**Zn**	**66**	**0.014**	ug/L	0.016	107	75	89	12	KED
⎢	**Zn**	**67**	**0.026**	ug/L	0.009	36	13	17	6	KED
⎢	**As**	**75**	**0.004**	ug/L	0.004	106	2	3	39	KED
⎣	**Se**	**78**	**-0.034**	ug/L	0.040	116	12	10	15	KED
	Y	**89**		ug/L			885368	870937	2	Standard
	Kr	**83**		ug/L			323	342	6	Standard
⎡>	**In-1**	**115**		ug/L			32288	31671	1	KED
⎢	**Mo**	**98**	**0.001**	ug/L	0.001	180	3	5	56	KED
⎢	**Cd**	**111**	**-0.006**	ug/L	0.001	21	4	1	34	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.004	377	2	3	135	KED
⎡>	**In**	**115**		ug/L			1802478	1765836	1	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	144	66	78	25	Standard
⎢	**Sb**	**121**	**0.002**	ug/L	0.001	32	107	146	8	Standard
⎣	**Sb**	**123**	**0.001**	ug/L	0.000	49	97	115	7	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3098219	0	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.001	27	325	573	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:34:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31474	2	Standard
	Cl	**37**		ug/L			7945752	9156584	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1761882	1	Standard
⎢	**Cr**	**52**	**49.802**	ug/L	1.159	2	20753	1602752	1	Standard
⎢	**Cr**	**53**	**51.265**	ug/L	0.148	0	175	186902	0	Standard
⎣	**Mn**	**55**	**52.181**	ug/L	1.109	2	907	2589269	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	111673	0	KED
⎢	**Ni**	**60**	**50.306**	ug/L	0.608	1	32	89975	1	KED
⎢	**Ni**	**62**	**50.698**	ug/L	1.000	1	8	14728	1	KED
⎢	**Cu**	**63**	**50.879**	ug/L	0.791	1	102	262886	1	KED
⎢	**Cu**	**65**	**50.505**	ug/L	0.389	0	38	130096	0	KED
⎢	**Zn**	**66**	**51.495**	ug/L	0.648	1	75	40417	1	KED
⎢	**Zn**	**67**	**49.810**	ug/L	0.918	1	13	6483	1	KED
⎢	**As**	**75**	**49.912**	ug/L	0.580	1	2	18882	1	KED
⎣	**Se**	**78**	**50.132**	ug/L	0.752	1	12	2263	1	KED
	Y	**89**		ug/L			885368	874812	1	Standard
	Kr	**83**		ug/L			323	322	9	Standard
⎡>	**In-1**	**115**		ug/L			32288	32516	0	KED
⎢	**Mo**	**98**	**49.135**	ug/L	0.765	1	3	94595	1	KED
⎢	**Cd**	**111**	**50.668**	ug/L	0.405	0	4	23195	0	KED
⎣	**Cd**	**114**	**51.286**	ug/L	0.325	0	2	60259	0	KED
⎡>	**In**	**115**		ug/L			1802478	1743924	1	Standard
⎢	**Ag**	**107**	**51.627**	ug/L	1.166	2	66	1171983	0	Standard
⎢	**Sb**	**121**	**49.572**	ug/L	1.028	2	107	1282628	1	Standard
⎣	**Sb**	**123**	**51.429**	ug/L	0.831	1	97	995682	0	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3196091	0	Standard
⎣	**Pb**	**208**	**50.681**	ug/L	0.215	0	325	6975905	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:41:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	28975	3	Standard
	Cl	**37**		ug/L			7945752	8846874	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1722019	1	Standard
|	**Cr**	**52**	**-0.023**	ug/L	0.006	24	20753	19461	0	Standard
|	**Cr**	**53**	**0.028**	ug/L	0.005	17	175	270	6	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.000	57	907	841	3	Standard
⌈>	**Ge**	**72**		ug/L			106438	111003	2	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.001	59	32	31	7	KED
|	**Ni**	**62**	**-0.006**	ug/L	0.013	228	8	7	50	KED
|	**Cu**	**63**	**0.000**	ug/L	0.001	255	102	109	3	KED
|	**Cu**	**65**	**0.006**	ug/L	0.005	80	38	56	25	KED
|	**Zn**	**66**	**0.023**	ug/L	0.013	57	75	97	11	KED
|	**Zn**	**67**	**0.060**	ug/L	0.025	42	13	22	13	KED
|	**As**	**75**	**0.004**	ug/L	0.001	28	2	3	13	KED
⌊	**Se**	**78**	**-0.048**	ug/L	0.006	12	12	10	3	KED
	Y	**89**		ug/L			885368	859403	0	Standard
	Kr	**83**		ug/L			323	337	8	Standard
⌈>	**In-1**	**115**		ug/L			32288	32426	0	KED
|	**Mo**	**98**	**0.007**	ug/L	0.002	26	3	17	21	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.001	21	4	1	34	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	182	2	2	34	KED
⌈>	**In**	**115**		ug/L			1802478	1753429	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	39	66	80	8	Standard
|	**Sb**	**121**	**0.055**	ug/L	0.000	0	107	1528	2	Standard
⌊	**Sb**	**123**	**0.056**	ug/L	0.002	3	97	1188	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3024278	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	4	325	587	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 16:52:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	43252	1	Standard
	Cl	37		ug/L			7945752	8698408	0	Standard
>	Sc	45		ug/L			1771523	1760106	1	Standard
	Cr	52	0.036	ug/L	0.008	22	20753	21774	0	Standard
	Cr	53	0.104	ug/L	0.009	8	175	552	6	Standard
	Mn	55	0.120	ug/L	0.004	3	907	6835	3	Standard
>	Ge	72		ug/L			106438	105738	11	KED
	Ni	60	0.026	ug/L	0.006	23	32	76	23	KED
	Ni	62	0.037	ug/L	0.031	82	8	18	31	KED
	Cu	63	0.031	ug/L	0.005	15	102	251	5	KED
	Cu	65	0.034	ug/L	0.007	19	38	120	1	KED
	Zn	66	0.418	ug/L	0.051	12	75	383	11	KED
	Zn	67	0.413	ug/L	0.012	2	13	64	12	KED
	As	75	0.004	ug/L	0.005	109	2	3	41	KED
	Se	78	-0.042	ug/L	0.123	294	12	10	55	KED
	Y	89		ug/L			885368	862984	1	Standard
	Kr	83		ug/L			323	333	4	Standard
>	In-1	115		ug/L			32288	31867	1	KED
	Mo	98	0.009	ug/L	0.002	25	3	19	20	KED
	Cd	111	-0.003	ug/L	0.003	97	4	2	57	KED
	Cd	114	0.001	ug/L	0.002	320	2	3	88	KED
>	In	115		ug/L			1802478	1776380	0	Standard
	Ag	107	0.001	ug/L	0.000	80	66	78	13	Standard
	Sb	121	0.025	ug/L	0.000	0	107	760	1	Standard
	Sb	123	0.027	ug/L	0.003	10	97	624	7	Standard
>	Tb	159		ug/L			3135538	3076117	0	Standard
	Pb	208	0.005	ug/L	0.000	2	325	926	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 16:58:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	39949	2	Standard
Cl	37		ug/L			7945752	8766988	0	Standard
Sc	45		ug/L			1771523	1810687	0	Standard
Cr	52	-0.010	ug/L	0.014	131	20753	20873	1	Standard
Cr	53	0.045	ug/L	0.010	22	175	347	11	Standard
Mn	55	0.017	ug/L	0.001	4	907	1778	2	Standard
Ge	72		ug/L			106438	114033	1	KED
Ni	60	0.005	ug/L	0.003	51	32	44	10	KED
Ni	62	-0.004	ug/L	0.004	100	8	8	13	KED
Cu	63	0.017	ug/L	0.003	19	102	198	8	KED
Cu	65	0.019	ug/L	0.002	12	38	90	6	KED
Zn	66	0.405	ug/L	0.021	5	75	405	3	KED
Zn	67	0.351	ug/L	0.036	10	13	61	9	KED
As	75	0.003	ug/L	0.004	136	2	3	43	KED
Se	78	0.013	ug/L	0.026	211	12	13	10	KED
Y	89		ug/L			885368	875539	1	Standard
Kr	83		ug/L			323	338	7	Standard
In-1	115		ug/L			32288	33686	0	KED
Mo	98	0.002	ug/L	0.001	40	3	7	20	KED
Cd	111	-0.004	ug/L	0.002	52	4	2	49	KED
Cd	114	-0.001	ug/L	0.001	68	2	0	115	KED
In	115		ug/L			1802478	1804876	0	Standard
Ag	107	0.000	ug/L	0.000	488	66	67	12	Standard
Sb	121	0.008	ug/L	0.000	5	107	318	3	Standard
Sb	123	0.008	ug/L	0.000	3	97	263	2	Standard
Tb	159		ug/L			3135538	3117388	1	Standard
Pb	208	0.006	ug/L	0.001	11	325	1148	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 17:02:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	37612	1	Standard
	Cl	37		ug/L			7945752	8901841	0	Standard
>	Sc	45		ug/L			1771523	1747267	1	Standard
	Cr	52	25.267	ug/L	0.246	0	20753	816682	2	Standard
	Cr	53	26.149	ug/L	0.228	0	175	94631	1	Standard
	Mn	55	25.453	ug/L	0.214	0	907	1253051	0	Standard
>	Ge	72		ug/L			106438	115407	0	KED
	Ni	60	25.555	ug/L	0.552	2	32	47250	1	KED
	Ni	62	25.409	ug/L	0.385	1	8	7633	1	KED
	Cu	63	25.904	ug/L	0.478	1	102	138367	1	KED
	Cu	65	25.989	ug/L	0.518	1	38	69200	1	KED
	Zn	66	79.637	ug/L	1.715	2	75	64549	2	KED
	Zn	67	76.432	ug/L	2.486	3	13	10272	2	KED
	As	75	24.270	ug/L	0.100	0	2	9489	0	KED
	Se	78	77.896	ug/L	1.684	2	12	3627	1	KED
	Y	89		ug/L			885368	860456	0	Standard
	Kr	83		ug/L			323	342	4	Standard
>	In-1	115		ug/L			32288	32938	2	KED
	Mo	98	0.003	ug/L	0.002	56	3	9	34	KED
	Cd	111	26.169	ug/L	0.571	2	4	12134	0	KED
	Cd	114	25.971	ug/L	0.661	2	2	30901	0	KED
>	In	115		ug/L			1802478	1766882	1	Standard
	Ag	107	26.187	ug/L	0.256	0	66	602416	1	Standard
	Sb	121	0.004	ug/L	0.001	14	107	206	8	Standard
	Sb	123	0.005	ug/L	0.000	8	97	184	5	Standard
>	Tb	159		ug/L			3135538	3014259	1	Standard
	Pb	208	26.665	ug/L	0.487	1	325	3460973	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 17:06:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	39982	1	Standard
	Cl	37		ug/L			7945752	8960520	0	Standard
⌈>	Sc	45		ug/L			1771523	1766662	2	Standard
|	Cr	52	0.007	ug/L	0.006	83	20753	20911	1	Standard
|	Cr	53	0.039	ug/L	0.005	11	175	316	7	Standard
⌊	Mn	55	0.008	ug/L	0.000	4	907	1292	3	Standard
⌈>	Ge	72		ug/L			106438	109164	0	KED
|	Ni	60	0.021	ug/L	0.008	38	32	70	21	KED
|	Ni	62	0.022	ug/L	0.014	64	8	15	25	KED
|	Cu	63	0.005	ug/L	0.003	62	102	131	11	KED
|	Cu	65	0.015	ug/L	0.002	15	38	76	7	KED
|	Zn	66	0.226	ug/L	0.017	7	75	250	5	KED
|	Zn	67	0.273	ug/L	0.073	26	13	48	17	KED
|	As	75	0.008	ug/L	0.002	26	2	5	15	KED
⌊	Se	78	-0.027	ug/L	0.037	136	12	11	14	KED
	Y	89		ug/L			885368	871302	0	Standard
	Kr	83		ug/L			323	315	8	Standard
⌈>	In-1	115		ug/L			32288	32746	1	KED
|	Mo	98	-0.000	ug/L	0.001	458	3	3	76	KED
|	Cd	111	0.001	ug/L	0.003	434	4	4	24	KED
⌊	Cd	114	0.003	ug/L	0.003	130	2	5	71	KED
⌈>	In	115		ug/L			1802478	1766970	0	Standard
|	Ag	107	0.001	ug/L	0.001	79	66	97	26	Standard
|	Sb	121	0.002	ug/L	0.001	44	107	163	16	Standard
⌊	Sb	123	0.003	ug/L	0.000	14	97	148	5	Standard
⌈>	Tb	159		ug/L			3135538	3086369	1	Standard
⌊	Pb	208	0.005	ug/L	0.000	7	325	971	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 17:11:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	37870	1	Standard
Cl	37		ug/L			7945752	8938822	0	Standard
> Sc	45		ug/L			1771523	1756077	4	Standard
Cr	52	23.957	ug/L	0.782	3	20753	778554	1	Standard
Cr	53	24.604	ug/L	0.875	3	175	89410	1	Standard
Mn	55	24.280	ug/L	1.049	4	907	1200069	1	Standard
> Ge	72		ug/L			106438	112557	1	KED
Ni	60	24.263	ug/L	0.301	1	32	43753	0	KED
Ni	62	24.717	ug/L	0.307	1	8	7243	2	KED
Cu	63	24.953	ug/L	0.519	2	102	130018	3	KED
Cu	65	25.024	ug/L	0.129	0	38	64986	1	KED
Zn	66	77.392	ug/L	0.820	1	75	61181	1	KED
Zn	67	72.524	ug/L	0.777	1	13	9507	1	KED
As	75	23.428	ug/L	0.164	0	2	8934	1	KED
Se	78	75.052	ug/L	0.636	0	12	3408	1	KED
Y	89		ug/L			885368	860368	3	Standard
Kr	83		ug/L			323	321	9	Standard
> In-1	115		ug/L			32288	32446	2	KED
Mo	98	23.080	ug/L	0.338	1	3	44338	2	KED
Cd	111	24.587	ug/L	0.318	1	4	11232	0	KED
Cd	114	25.151	ug/L	0.385	1	2	29484	1	KED
> In	115		ug/L			1802478	1786230	3	Standard
Ag	107	24.999	ug/L	0.490	1	66	581185	1	Standard
Sb	121	22.921	ug/L	0.396	1	107	607362	1	Standard
Sb	123	23.964	ug/L	0.655	2	97	475033	1	Standard
> Tb	159		ug/L			3135538	3095954	2	Standard
Pb	208	24.664	ug/L	0.463	1	325	3287534	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-16
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:22:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	60618	0	Standard
Cl	37		ug/L			7945752	8556583	0	Standard
> Sc	45		ug/L			1771523	1678020	1	Standard
Cr	52	0.134	ug/L	0.010	7	20753	23713	0	Standard
Cr	53	0.478	ug/L	0.010	2	175	1825	1	Standard
Mn	55	974.756	ug/L	23.475	2	907	46047607	1	Standard
> Ge	72		ug/L			106438	96991	3	KED
Ni	60	1.868	ug/L	0.032	1	32	2929	1	KED
Ni	62	2.021	ug/L	0.151	7	8	516	4	KED
Cu	63	1.650	ug/L	0.038	2	102	7493	3	KED
Cu	65	1.678	ug/L	0.017	1	38	3787	2	KED
Zn	66	0.756	ug/L	0.086	11	75	582	6	KED
Zn	67	5.325	ug/L	0.566	10	13	612	7	KED
As	75	6.484	ug/L	0.110	1	2	2131	2	KED
Se	78	0.252	ug/L	0.091	36	12	20	19	KED
Y	89		ug/L			885368	773981	1	Standard
Kr	83		ug/L			323	334	20	Standard
> In-1	115		ug/L			32288	28894	0	KED
Mo	98	32.674	ug/L	0.509	1	3	55900	1	KED
Cd	111	0.025	ug/L	0.015	58	4	13	43	KED
Cd	114	0.025	ug/L	0.002	7	2	28	7	KED
> In	115		ug/L			1802478	1508362	0	Standard
Ag	107	0.005	ug/L	0.000	9	66	153	6	Standard
Sb	121	1.635	ug/L	0.006	0	107	36683	0	Standard
Sb	123	1.712	ug/L	0.014	0	97	28750	0	Standard
> Tb	159		ug/L			3135538	2952190	1	Standard
Pb	208	0.204	ug/L	0.005	2	325	26183	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-20
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:28:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	53748	0	Standard
	Cl	**37**		ug/L			7945752	8258312	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1701039	0	Standard
|	**Cr**	**52**	**0.577**	ug/L	0.008	1	20753	37636	0	Standard
|	**Cr**	**53**	**1.074**	ug/L	0.014	1	175	3946	1	Standard
⌊	**Mn**	**55**	**6.465**	ug/L	0.013	0	907	310538	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	94866	1	KED
|	**Ni**	**60**	**0.497**	ug/L	0.002	0	32	783	0	KED
|	**Ni**	**62**	**0.544**	ug/L	0.022	4	8	142	4	KED
|	**Cu**	**63**	**1.530**	ug/L	0.036	2	102	6801	1	KED
|	**Cu**	**65**	**1.574**	ug/L	0.052	3	38	3476	2	KED
|	**Zn**	**66**	**0.568**	ug/L	0.026	4	75	445	4	KED
|	**Zn**	**67**	**6.557**	ug/L	0.369	5	13	735	5	KED
|	**As**	**75**	**2.615**	ug/L	0.063	2	2	842	3	KED
⌊	**Se**	**78**	**0.238**	ug/L	0.043	17	12	19	8	KED
	Y	**89**		ug/L			885368	774281	1	Standard
	Kr	**83**		ug/L			323	292	3	Standard
⌈>	**In-1**	**115**		ug/L			32288	28199	0	KED
|	**Mo**	**98**	**69.827**	ug/L	0.354	0	3	116588	0	KED
|	**Cd**	**111**	**0.030**	ug/L	0.001	4	4	15	3	KED
⌊	**Cd**	**114**	**0.014**	ug/L	0.008	52	2	16	46	KED
⌈>	**In**	**115**		ug/L			1802478	1495049	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	45	66	92	19	Standard
|	**Sb**	**121**	**3.360**	ug/L	0.021	0	107	74621	0	Standard
⌊	**Sb**	**123**	**3.488**	ug/L	0.007	0	97	57976	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	2971472	1	Standard
⌊	**Pb**	**208**	**0.063**	ug/L	0.001	1	325	8311	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0209-22
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:34:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	53805	1	Standard
Cl	37		ug/L			7945752	7137639	0	Standard
> Sc	45		ug/L			1771523	1334678	1	Standard
Cr	52	1.677	ug/L	0.017	1	20753	55999	0	Standard
Cr	53	2.483	ug/L	0.036	1	175	6982	0	Standard
Mn	55	4.682	ug/L	0.036	0	907	176633	1	Standard
> Ge	72		ug/L			106438	79717	1	KED
Ni	60	1.188	ug/L	0.038	3	32	1540	4	KED
Ni	62	1.232	ug/L	0.099	7	8	262	9	KED
Cu	63	4.069	ug/L	0.055	1	102	15075	0	KED
Cu	65	4.226	ug/L	0.018	0	38	7796	1	KED
Zn	66	0.423	ug/L	0.047	11	75	293	10	KED
Zn	67	9.303	ug/L	0.157	1	13	873	3	KED
As	75	5.034	ug/L	0.064	1	2	1361	1	KED
Se	78	0.671	ug/L	0.097	14	12	30	11	KED
Y	89		ug/L			885368	647478	0	Standard
Kr	83		ug/L			323	352	13	Standard
> In-1	115		ug/L			32288	24275	2	KED
Mo	98	381.798	ug/L	5.201	1	3	548676	1	KED
Cd	111	0.090	ug/L	0.014	15	4	33	11	KED
Cd	114	0.087	ug/L	0.015	17	2	77	16	KED
> In	115		ug/L			1802478	1147141	1	Standard
Ag	107	0.016	ug/L	0.001	9	66	277	7	Standard
Sb	121	9.390	ug/L	0.191	2	107	159863	0	Standard
Sb	123	9.733	ug/L	0.184	1	97	123988	0	Standard
> Tb	159		ug/L			3135538	2574155	0	Standard
Pb	208	0.094	ug/L	0.000	0	325	10668	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 17:40:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	57719	0	Standard
	Cl	**37**		ug/L			7945752	8574357	0	Standard
>	**Sc**	**45**		ug/L			1771523	2019308	6	Standard
	Cr	**52**	**18.425**	ug/L	1.094	5	20753	692951	0	Standard
	Cr	**53**	**19.342**	ug/L	1.087	5	175	80757	0	Standard
	Mn	**55**	**256.701**	ug/L	16.826	6	907	14556831	0	Standard
>	**Ge**	**72**		ug/L			106438	117012	1	KED
	Ni	**60**	**21.773**	ug/L	0.397	1	32	40816	0	KED
	Ni	**62**	**22.263**	ug/L	0.480	2	8	6781	1	KED
	Cu	**63**	**15.079**	ug/L	0.076	0	102	81712	1	KED
	Cu	**65**	**15.083**	ug/L	0.061	0	38	40738	1	KED
	Zn	**66**	**30.060**	ug/L	0.047	0	75	24756	1	KED
	Zn	**67**	**31.228**	ug/L	0.500	1	13	4264	0	KED
	As	**75**	**3.571**	ug/L	0.088	2	2	1417	0	KED
	Se	**78**	**0.540**	ug/L	0.081	14	12	38	11	KED
	Y	**89**		ug/L			885368	1201958	3	Standard
	Kr	**83**		ug/L			323	485	5	Standard
>	**In-1**	**115**		ug/L			32288	33331	1	KED
	Mo	**98**	**0.176**	ug/L	0.014	7	3	352	9	KED
	Cd	**111**	**0.107**	ug/L	0.016	15	4	54	12	KED
	Cd	**114**	**0.110**	ug/L	0.010	8	2	134	7	KED
>	**In**	**115**		ug/L			1802478	1694707	2	Standard
	Ag	**107**	**0.049**	ug/L	0.003	5	66	1134	3	Standard
	Sb	**121**	**0.011**	ug/L	0.001	11	107	382	6	Standard
	Sb	**123**	**0.010**	ug/L	0.002	19	97	279	12	Standard
>	**Tb**	**159**		ug/L			3135538	3241945	1	Standard
	Pb	**208**	**5.352**	ug/L	0.139	2	325	747287	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:50:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31864	1	Standard
	Cl	**37**		ug/L			7945752	8208328	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1768884	3	Standard
⎢	**Cr**	**52**	**-0.017**	ug/L	0.021	120	20753	20163	1	Standard
⎢	**Cr**	**53**	**0.006**	ug/L	0.002	34	175	197	5	Standard
⎣	**Mn**	**55**	**0.022**	ug/L	0.002	6	907	2014	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	110031	2	KED
⎢	**Ni**	**60**	**0.012**	ug/L	0.002	19	32	54	10	KED
⎢	**Ni**	**62**	**-0.006**	ug/L	0.006	112	8	7	25	KED
⎢	**Cu**	**63**	**0.002**	ug/L	0.005	271	102	114	20	KED
⎢	**Cu**	**65**	**0.002**	ug/L	0.001	25	38	44	4	KED
⎢	**Zn**	**66**	**0.024**	ug/L	0.020	82	75	96	14	KED
⎢	**Zn**	**67**	**0.007**	ug/L	0.018	278	13	15	12	KED
⎢	**As**	**75**	**0.004**	ug/L	0.001	34	2	3	12	KED
⎣	**Se**	**78**	**0.003**	ug/L	0.029	1112	12	12	9	KED
	Y	**89**		ug/L			885368	846873	0	Standard
	Kr	**83**		ug/L			323	339	16	Standard
⎡>	**In-1**	**115**		ug/L			32288	32194	2	KED
⎢	**Mo**	**98**	**0.001**	ug/L	0.001	87	3	5	34	KED
⎢	**Cd**	**111**	**-0.001**	ug/L	0.003	216	4	3	41	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.003	260	2	3	90	KED
⎡>	**In**	**115**		ug/L			1802478	1700863	1	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.001	220	66	53	35	Standard
⎢	**Sb**	**121**	**0.000**	ug/L	0.001	528	107	104	17	Standard
⎣	**Sb**	**123**	**-0.001**	ug/L	0.001	211	97	80	28	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3028178	2	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	13	325	496	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 17:55:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31980	1	Standard
	Cl	**37**		ug/L			7945752	8964576	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1810388	1	Standard
⎢	**Cr**	**52**	**49.265**	ug/L	0.381	0	20753	1629519	0	Standard
⎢	**Cr**	**53**	**50.919**	ug/L	0.316	0	175	190751	1	Standard
⎣	**Mn**	**55**	**51.607**	ug/L	0.539	1	907	2631383	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	116276	0	KED
⎢	**Ni**	**60**	**49.790**	ug/L	0.181	0	32	92724	1	KED
⎢	**Ni**	**62**	**49.945**	ug/L	1.332	2	8	15105	1	KED
⎢	**Cu**	**63**	**49.571**	ug/L	0.315	0	102	266679	0	KED
⎢	**Cu**	**65**	**49.532**	ug/L	0.108	0	38	132849	0	KED
⎢	**Zn**	**66**	**50.627**	ug/L	0.406	0	75	41377	1	KED
⎢	**Zn**	**67**	**51.287**	ug/L	1.391	2	13	6950	2	KED
⎢	**As**	**75**	**49.514**	ug/L	0.294	0	2	19503	0	KED
⎣	**Se**	**78**	**50.001**	ug/L	0.692	1	12	2350	0	KED
	Y	**89**		ug/L			885368	893658	2	Standard
	Kr	**83**		ug/L			323	354	14	Standard
⎡>	**In-1**	**115**		ug/L			32288	33749	0	KED
⎢	**Mo**	**98**	**48.984**	ug/L	0.268	0	3	97883	0	KED
⎢	**Cd**	**111**	**50.607**	ug/L	0.682	1	4	24046	1	KED
⎣	**Cd**	**114**	**50.515**	ug/L	0.858	1	2	61602	1	KED
⎡>	**In**	**115**		ug/L			1802478	1760115	1	Standard
⎢	**Ag**	**107**	**49.050**	ug/L	1.436	2	66	1123802	1	Standard
⎢	**Sb**	**121**	**48.705**	ug/L	1.039	2	107	1271906	1	Standard
⎣	**Sb**	**123**	**50.158**	ug/L	1.126	2	97	980067	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3186356	1	Standard
⎣	**Pb**	**208**	**50.812**	ug/L	0.724	1	325	6972078	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:02:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29582	1	Standard
	Cl	**37**		ug/L			7945752	8583238	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1772861	0	Standard
|	**Cr**	**52**	**-0.012**	ug/L	0.010	80	20753	20380	1	Standard
|	**Cr**	**53**	**0.006**	ug/L	0.003	47	175	196	4	Standard
⌊	**Mn**	**55**	**0.015**	ug/L	0.005	33	907	1675	15	Standard
⌈>	**Ge**	**72**		ug/L			106438	115415	2	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.009	559	32	32	52	KED
|	**Ni**	**62**	**-0.005**	ug/L	0.013	287	8	8	48	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.005	377	102	104	21	KED
|	**Cu**	**65**	**0.010**	ug/L	0.004	36	38	69	16	KED
|	**Zn**	**66**	**0.019**	ug/L	0.021	110	75	97	15	KED
|	**Zn**	**67**	**-0.014**	ug/L	0.055	385	13	13	57	KED
|	**As**	**75**	**0.003**	ug/L	0.006	200	2	3	61	KED
⌊	**Se**	**78**	**0.002**	ug/L	0.028	1211	12	13	9	KED
	Y	**89**		ug/L			885368	873663	0	Standard
	Kr	**83**		ug/L			323	299	4	Standard
⌈>	**In-1**	**115**		ug/L			32288	33688	0	KED
|	**Mo**	**98**	**0.008**	ug/L	0.001	6	3	20	4	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.001	49	4	3	17	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	387	2	3	69	KED
⌈>	**In**	**115**		ug/L			1802478	1743242	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	4	66	78	0	Standard
|	**Sb**	**121**	**0.053**	ug/L	0.001	1	107	1484	2	Standard
⌊	**Sb**	**123**	**0.055**	ug/L	0.002	2	97	1168	3	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3071467	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	14	325	629	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:08:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	39384	0	Standard
	Cl	37		ug/L			7945752	8429245	1	Standard
>	Sc	45		ug/L			1771523	1792635	1	Standard
	Cr	52	0.143	ug/L	0.004	2	20753	25619	1	Standard
	Cr	53	0.162	ug/L	0.007	4	175	778	4	Standard
	Mn	55	0.232	ug/L	0.002	0	907	12612	1	Standard
>	Ge	72		ug/L			106438	114978	3	KED
	Ni	60	0.016	ug/L	0.004	25	32	64	12	KED
	Ni	62	0.021	ug/L	0.008	39	8	15	18	KED
	Cu	63	0.008	ug/L	0.003	32	102	155	7	KED
	Cu	65	0.016	ug/L	0.003	16	38	83	12	KED
	Zn	66	0.291	ug/L	0.022	7	75	316	7	KED
	Zn	67	0.201	ug/L	0.070	34	13	41	22	KED
	As	75	0.002	ug/L	0.002	134	2	3	24	KED
	Se	78	-0.043	ug/L	0.010	23	12	11	7	KED
	Y	89		ug/L			885368	893809	2	Standard
	Kr	83		ug/L			323	339	7	Standard
>	In-1	115		ug/L			32288	32850	1	KED
	Mo	98	0.010	ug/L	0.003	33	3	23	28	KED
	Cd	111	-0.004	ug/L	0.002	66	4	2	43	KED
	Cd	114	0.001	ug/L	0.003	472	2	3	113	KED
>	In	115		ug/L			1802478	1777884	0	Standard
	Ag	107	0.000	ug/L	0.000	205	66	69	13	Standard
	Sb	121	0.027	ug/L	0.001	4	107	829	4	Standard
	Sb	123	0.027	ug/L	0.002	6	97	634	5	Standard
>	Tb	159		ug/L			3135538	3083054	2	Standard
	Pb	208	0.003	ug/L	0.000	5	325	651	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:12:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	40576	2	Standard
	Cl	37		ug/L			7945752	8597301	0	Standard
>	Sc	45		ug/L			1771523	1796945	1	Standard
	Cr	52	25.854	ug/L	0.141	0	20753	858866	1	Standard
	Cr	53	26.520	ug/L	0.145	0	175	98705	2	Standard
	Mn	55	26.401	ug/L	0.315	1	907	1336831	2	Standard
>	Ge	72		ug/L			106438	115363	0	KED
	Ni	60	26.673	ug/L	0.119	0	32	49298	0	KED
	Ni	62	26.592	ug/L	0.970	3	8	7985	3	KED
	Cu	63	26.424	ug/L	0.232	0	102	141097	0	KED
	Cu	65	26.880	ug/L	0.630	2	38	71548	2	KED
	Zn	66	86.248	ug/L	0.588	0	75	69876	0	KED
	Zn	67	80.750	ug/L	1.164	1	13	10848	1	KED
	As	75	25.661	ug/L	0.316	1	2	10029	1	KED
	Se	78	83.338	ug/L	0.752	0	12	3878	1	KED
	Y	89		ug/L			885368	887195	0	Standard
	Kr	83		ug/L			323	335	5	Standard
>	In-1	115		ug/L			32288	32403	3	KED
	Mo	98	0.009	ug/L	0.001	16	3	20	9	KED
	Cd	111	27.246	ug/L	0.412	1	4	12429	3	KED
	Cd	114	27.761	ug/L	0.557	2	2	32492	2	KED
>	In	115		ug/L			1802478	1781386	1	Standard
	Ag	107	26.835	ug/L	0.810	3	66	622480	3	Standard
	Sb	121	0.020	ug/L	0.001	5	107	636	3	Standard
	Sb	123	0.019	ug/L	0.001	3	97	464	2	Standard
>	Tb	159		ug/L			3135538	3078374	1	Standard
	Pb	208	27.122	ug/L	0.385	1	325	3595710	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0350-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 18:17:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	36363	1	Standard
	Cl	**37**		ug/L			7945752	8967426	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1777971	1	Standard
|	**Cr**	**52**	**0.033**	ug/L	0.004	10	20753	21902	0	Standard
|	**Cr**	**53**	**0.045**	ug/L	0.004	9	175	341	3	Standard
⌊	**Mn**	**55**	**0.484**	ug/L	0.005	1	907	25133	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	116066	1	KED
|	**Ni**	**60**	**0.034**	ug/L	0.010	29	32	99	20	KED
|	**Ni**	**62**	**0.027**	ug/L	0.012	46	8	17	22	KED
|	**Cu**	**63**	**2.372**	ug/L	0.038	1	102	12845	1	KED
|	**Cu**	**65**	**2.399**	ug/L	0.042	1	38	6461	1	KED
|	**Zn**	**66**	**3.320**	ug/L	0.055	1	75	2785	0	KED
|	**Zn**	**67**	**3.331**	ug/L	0.042	1	13	464	1	KED
|	**As**	**75**	**0.044**	ug/L	0.004	8	2	19	6	KED
⌊	**Se**	**78**	**0.072**	ug/L	0.141	195	12	16	40	KED
	Y	**89**		ug/L			885368	878933	0	Standard
	Kr	**83**		ug/L			323	352	7	Standard
⌈>	**In-1**	**115**		ug/L			32288	33342	0	KED
|	**Mo**	**98**	**0.072**	ug/L	0.008	11	3	144	11	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	187	4	3	41	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.003	1007	2	2	129	KED
⌈>	**In**	**115**		ug/L			1802478	1772292	1	Standard
|	**Ag**	**107**	**0.503**	ug/L	0.019	3	66	11679	2	Standard
|	**Sb**	**121**	**0.015**	ug/L	0.001	5	107	503	5	Standard
⌊	**Sb**	**123**	**0.015**	ug/L	0.002	11	97	399	7	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3112333	1	Standard
⌊	**Pb**	**208**	**0.030**	ug/L	0.001	2	325	4298	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0350-01
Sample Dil Factor: 100
Comments:
Sample Date/Time: Friday, June 25, 2021 18:24:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	132505	1	Standard
	Cl	**37**		ug/L			7945752	7756276	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1850771	0	Standard
|	**Cr**	**52**	**8.490**	ug/L	0.072	0	20753	305040	1	Standard
|	**Cr**	**53**	**8.644**	ug/L	0.067	0	175	33258	1	Standard
⌊	**Mn**	**55**	**150.266**	ug/L	1.160	0	907	7831519	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	107596	2	KED
|	**Ni**	**60**	**0.257**	ug/L	0.005	1	32	475	3	KED
|	**Ni**	**62**	**0.279**	ug/L	0.027	9	8	86	6	KED
|	**Cu**	**63**	**0.027**	ug/L	0.005	17	102	238	10	KED
|	**Cu**	**65**	**0.029**	ug/L	0.006	22	38	109	17	KED
|	**Zn**	**66**	**3.700**	ug/L	0.090	2	75	2868	3	KED
|	**Zn**	**67**	**3.408**	ug/L	0.136	4	13	440	4	KED
|	**As**	**75**	**0.019**	ug/L	0.002	8	2	9	7	KED
⌊	**Se**	**78**	**0.689**	ug/L	0.163	23	12	42	19	KED
	Y	**89**		ug/L			885368	897177	0	Standard
	Kr	**83**		ug/L			323	393	7	Standard
⌈>	**In-1**	**115**		ug/L			32288	31839	1	KED
|	**Mo**	**98**	**0.057**	ug/L	0.004	6	3	110	5	KED
|	**Cd**	**111**	**0.001**	ug/L	0.005	664	4	4	53	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	202	2	1	71	KED
⌈>	**In**	**115**		ug/L			1802478	1861038	2	Standard
|	**Ag**	**107**	**0.400**	ug/L	0.013	3	66	9757	1	Standard
|	**Sb**	**121**	**0.053**	ug/L	0.003	6	107	1561	4	Standard
⌊	**Sb**	**123**	**0.048**	ug/L	0.002	4	97	1083	1	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3512635	1	Standard
⌊	**Pb**	**208**	**0.047**	ug/L	0.001	2	325	7485	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0342-03
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:31:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	48985	0	Standard
	Cl	37		ug/L			7945752	9243972	0	Standard
>	Sc	45		ug/L			1771523	1914520	1	Standard
	Cr	52	0.581	ug/L	0.024	4	20753	42475	1	Standard
	Cr	53	1.406	ug/L	0.032	2	175	5754	1	Standard
	Mn	55	1.805	ug/L	0.021	1	907	98296	0	Standard
>	Ge	72		ug/L			106438	110880	1	KED
	Ni	60	2.385	ug/L	0.026	1	32	4267	1	KED
	Ni	62	2.345	ug/L	0.167	7	8	685	6	KED
	Cu	63	1.626	ug/L	0.045	2	102	8443	1	KED
	Cu	65	1.647	ug/L	0.011	0	38	4252	2	KED
	Zn	66	2.625	ug/L	0.079	2	75	2120	3	KED
	Zn	67	2.618	ug/L	0.143	5	13	352	6	KED
	As	75	0.035	ug/L	0.009	26	2	15	20	KED
	Se	78	0.070	ug/L	0.068	97	12	15	18	KED
	Y	89		ug/L			885368	904825	1	Standard
	Kr	83		ug/L			323	365	6	Standard
>	In-1	115		ug/L			32288	33164	0	KED
	Mo	98	7.157	ug/L	0.137	1	3	14058	2	KED
	Cd	111	0.006	ug/L	0.001	21	4	6	7	KED
	Cd	114	0.000	ug/L	0.001	296	2	3	57	KED
>	In	115		ug/L			1802478	1864875	2	Standard
	Ag	107	0.001	ug/L	0.001	70	66	92	16	Standard
	Sb	121	0.350	ug/L	0.014	4	107	9798	1	Standard
	Sb	123	0.368	ug/L	0.009	2	97	7713	0	Standard
>	Tb	159		ug/L			3135538	3313126	0	Standard
	Pb	208	0.044	ug/L	0.001	2	325	6624	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0338-01
Sample Dil Factor: 10
Comments:
Sample Date/Time: Friday, June 25, 2021 18:38:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	36274	1	Standard
	Cl	37		ug/L			7945752	9053263	0	Standard
⌈>	Sc	45		ug/L			1771523	1778920	1	Standard
|	Cr	52	0.030	ug/L	0.010	32	20753	21793	1	Standard
|	Cr	53	0.029	ug/L	0.007	25	175	283	9	Standard
⌊	Mn	55	0.015	ug/L	0.000	1	907	1682	2	Standard
⌈>	Ge	72		ug/L			106438	107328	1	KED
|	Ni	60	0.009	ug/L	0.004	37	32	48	13	KED
|	Ni	62	-0.002	ug/L	0.014	589	8	8	48	KED
|	Cu	63	0.011	ug/L	0.006	54	102	158	19	KED
|	Cu	65	0.014	ug/L	0.007	48	38	72	21	KED
|	Zn	66	0.196	ug/L	0.016	8	75	223	4	KED
|	Zn	67	0.187	ug/L	0.037	19	13	37	12	KED
|	As	75	0.005	ug/L	0.002	29	2	4	13	KED
⌊	Se	78	0.016	ug/L	0.046	289	12	12	16	KED
	Y	89		ug/L			885368	884404	0	Standard
	Kr	83		ug/L			323	349	3	Standard
⌈>	In-1	115		ug/L			32288	33027	0	KED
|	Mo	98	0.006	ug/L	0.000	2	3	14	2	KED
|	Cd	111	-0.004	ug/L	0.003	72	4	2	65	KED
⌊	Cd	114	-0.000	ug/L	0.002	3093	2	2	97	KED
⌈>	In	115		ug/L			1802478	1803759	2	Standard
|	Ag	107	-0.000	ug/L	0.000	40	66	59	3	Standard
|	Sb	121	0.002	ug/L	0.000	18	107	165	4	Standard
⌊	Sb	123	0.001	ug/L	0.001	139	97	116	23	Standard
⌈>	Tb	159		ug/L			3135538	3148527	0	Standard
⌊	Pb	208	0.007	ug/L	0.000	5	325	1238	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0339-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:47:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	751595	0	Standard
	Cl	37		ug/L			7945752	8739392	0	Standard
>	Sc	45		ug/L			1771523	1772281	1	Standard
	Cr	52	7.173	ug/L	0.074	1	20753	250000	1	Standard
	Cr	53	6.720	ug/L	0.076	1	175	24796	1	Standard
	Mn	55	14.781	ug/L	0.149	1	907	738464	0	Standard
>	Ge	72		ug/L			106438	94738	3	KED
	Ni	60	6.660	ug/L	0.264	3	32	10124	2	KED
	Ni	62	6.491	ug/L	0.384	5	8	1605	4	KED
	Cu	63	0.637	ug/L	0.025	3	102	2881	0	KED
	Cu	65	0.661	ug/L	0.022	3	38	1478	6	KED
	Zn	66	5.379	ug/L	0.159	2	75	3642	4	KED
	Zn	67	7.075	ug/L	0.336	4	13	791	2	KED
	As	75	0.476	ug/L	0.018	3	2	154	6	KED
	Se	78	0.183	ug/L	0.017	9	12	17	6	KED
	Y	89		ug/L			885368	834133	1	Standard
	Kr	83		ug/L			323	325	4	Standard
>	In-1	115		ug/L			32288	29669	0	KED
	Mo	98	1.693	ug/L	0.041	2	3	2976	1	KED
	Cd	111	0.030	ug/L	0.007	22	4	16	17	KED
	Cd	114	0.025	ug/L	0.015	60	2	29	56	KED
>	In	115		ug/L			1802478	1650669	1	Standard
	Ag	107	0.006	ug/L	0.001	15	66	180	9	Standard
	Sb	121	0.695	ug/L	0.006	0	107	17123	1	Standard
	Sb	123	0.727	ug/L	0.007	0	97	13421	1	Standard
>	Tb	159		ug/L			3135538	3253637	1	Standard
	Pb	208	0.119	ug/L	0.001	0	325	16942	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0373-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 18:53:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	376474	0	Standard
	Cl	37		ug/L			7945752	8296101	0	Standard
>	Sc	45		ug/L			1771523	2067622	3	Standard
	Cr	52	21.669	ug/L	0.715	3	20753	831548	0	Standard
	Cr	53	22.738	ug/L	0.895	3	175	97307	0	Standard
	Mn	55	37.232	ug/L	0.866	2	907	2167479	1	Standard
>	Ge	72		ug/L			106438	110148	0	KED
	Ni	60	7.172	ug/L	0.049	0	32	12681	1	KED
	Ni	62	7.141	ug/L	0.239	3	8	2054	3	KED
	Cu	63	20.474	ug/L	0.166	0	102	104402	0	KED
	Cu	65	20.321	ug/L	0.188	0	38	51652	0	KED
	Zn	66	201.408	ug/L	0.971	0	75	155698	1	KED
	Zn	67	187.939	ug/L	0.951	0	13	24089	1	KED
	As	75	0.783	ug/L	0.023	2	2	294	3	KED
	Se	78	0.064	ug/L	0.032	49	12	15	9	KED
	Y	89		ug/L			885368	926856	0	Standard
	Kr	83		ug/L			323	331	6	Standard
>	In-1	115		ug/L			32288	32633	0	KED
	Mo	98	1.611	ug/L	0.072	4	3	3116	4	KED
	Cd	111	15.107	ug/L	0.097	0	4	6943	0	KED
	Cd	114	15.046	ug/L	0.224	1	2	17744	1	KED
>	In	115		ug/L			1802478	1857412	2	Standard
	Ag	107	0.113	ug/L	0.006	4	66	2802	3	Standard
	Sb	121	1.077	ug/L	0.022	2	107	29793	0	Standard
	Sb	123	1.108	ug/L	0.009	0	97	22950	1	Standard
>	Tb	159		ug/L			3135538	3388116	1	Standard
	Pb	208	1.333	ug/L	0.019	1	325	194795	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0375-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, June 25, 2021 18:59:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	902117	2	Standard
	Cl	37		ug/L			7945752	8759724	0	Standard
>	Sc	45		ug/L			1771523	1850700	1	Standard
	Cr	52	40.136	ug/L	0.343	0	20753	1361128	1	Standard
	Cr	53	39.735	ug/L	0.023	0	175	152213	1	Standard
	Mn	55	64.769	ug/L	0.695	1	907	3375678	0	Standard
>	Ge	72		ug/L			106438	99944	0	KED
	Ni	60	5.244	ug/L	0.083	1	32	8422	1	KED
	Ni	62	5.148	ug/L	0.098	1	8	1346	2	KED
	Cu	63	1.607	ug/L	0.028	1	102	7525	2	KED
	Cu	65	1.631	ug/L	0.030	1	38	3794	2	KED
	Zn	66	50.372	ug/L	0.483	0	75	35383	0	KED
	Zn	67	47.438	ug/L	1.525	3	13	5526	2	KED
	As	75	0.644	ug/L	0.020	3	2	220	3	KED
	Se	78	0.134	ug/L	0.015	11	12	16	4	KED
	Y	89		ug/L			885368	872079	1	Standard
	Kr	83		ug/L			323	327	5	Standard
>	In-1	115		ug/L			32288	30620	1	KED
	Mo	98	5.553	ug/L	0.156	2	3	10070	2	KED
	Cd	111	0.203	ug/L	0.021	10	4	91	10	KED
	Cd	114	0.195	ug/L	0.030	15	2	217	14	KED
>	In	115		ug/L			1802478	1791773	1	Standard
	Ag	107	0.026	ug/L	0.002	8	66	676	8	Standard
	Sb	121	0.642	ug/L	0.003	0	107	17170	1	Standard
	Sb	123	0.665	ug/L	0.010	1	97	13320	0	Standard
>	Tb	159		ug/L			3135538	3355034	1	Standard
	Pb	208	0.232	ug/L	0.005	2	325	33821	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 19:04:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	41409	0	Standard
	Cl	**37**		ug/L			7945752	9630056	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1864200	0	Standard
⎢	**Cr**	**52**	**0.001**	ug/L	0.008	678	20753	21878	0	Standard
⎢	**Cr**	**53**	**0.011**	ug/L	0.003	22	175	227	3	Standard
⎣	**Mn**	**55**	**0.003**	ug/L	0.001	25	907	1125	3	Standard
⎡>	**Ge**	**72**		ug/L			106438	107444	1	KED
⎢	**Ni**	**60**	**0.005**	ug/L	0.006	138	32	40	27	KED
⎢	**Ni**	**62**	**0.002**	ug/L	0.014	673	8	9	40	KED
⎢	**Cu**	**63**	**-0.001**	ug/L	0.002	118	102	97	7	KED
⎢	**Cu**	**65**	**0.004**	ug/L	0.007	171	38	48	33	KED
⎢	**Zn**	**66**	**0.021**	ug/L	0.023	109	75	92	19	KED
⎢	**Zn**	**67**	**0.014**	ug/L	0.033	228	13	15	24	KED
⎢	**As**	**75**	**0.005**	ug/L	0.001	16	2	4	6	KED
⎣	**Se**	**78**	**0.076**	ug/L	0.033	43	12	15	8	KED
	Y	**89**		ug/L			885368	879069	0	Standard
	Kr	**83**		ug/L			323	378	2	Standard
⎡>	**In-1**	**115**		ug/L			32288	30672	2	KED
⎢	**Mo**	**98**	**0.000**	ug/L	0.002	6295	3	3	107	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.003	62	4	1	91	KED
⎣	**Cd**	**114**	**-0.000**	ug/L	0.002	330	2	1	104	KED
⎡>	**In**	**115**		ug/L			1802478	1846139	2	Standard
⎢	**Ag**	**107**	**-0.001**	ug/L	0.001	62	66	46	31	Standard
⎢	**Sb**	**121**	**-0.001**	ug/L	0.001	93	107	94	16	Standard
⎣	**Sb**	**123**	**-0.001**	ug/L	0.001	126	97	86	18	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3221410	1	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	32	325	474	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 19:10:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	35071	1	Standard
	Cl	**37**		ug/L			7945752	9016018	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1814245	0	Standard
⎢	**Cr**	**52**	**49.310**	ug/L	0.220	0	20753	1634574	0	Standard
⎢	**Cr**	**53**	**51.041**	ug/L	0.283	0	175	191615	0	Standard
⎣	**Mn**	**55**	**52.155**	ug/L	0.401	0	907	2665230	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	109442	3	KED
⎢	**Ni**	**60**	**49.474**	ug/L	1.211	2	32	86682	1	KED
⎢	**Ni**	**62**	**50.095**	ug/L	1.444	2	8	14256	2	KED
⎢	**Cu**	**63**	**50.074**	ug/L	0.440	0	102	253525	2	KED
⎢	**Cu**	**65**	**50.279**	ug/L	1.102	2	38	126877	1	KED
⎢	**Zn**	**66**	**50.760**	ug/L	1.017	2	75	39029	1	KED
⎢	**Zn**	**67**	**49.414**	ug/L	0.860	1	13	6301	1	KED
⎢	**As**	**75**	**49.915**	ug/L	1.152	2	2	18500	2	KED
⎣	**Se**	**78**	**49.387**	ug/L	1.159	2	12	2184	1	KED
	Y	**89**		ug/L			885368	899421	2	Standard
	Kr	**83**		ug/L			323	350	12	Standard
⎡>	**In-1**	**115**		ug/L			32288	32188	2	KED
⎢	**Mo**	**98**	**49.021**	ug/L	0.533	1	3	93412	1	KED
⎢	**Cd**	**111**	**50.498**	ug/L	0.604	1	4	22880	1	KED
⎣	**Cd**	**114**	**51.270**	ug/L	0.831	1	2	59617	0	KED
⎡>	**In**	**115**		ug/L			1802478	1800226	2	Standard
⎢	**Ag**	**107**	**50.076**	ug/L	0.331	0	66	1173823	2	Standard
⎢	**Sb**	**121**	**49.522**	ug/L	0.946	1	107	1322605	0	Standard
⎣	**Sb**	**123**	**51.595**	ug/L	0.742	1	97	1031199	1	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3277614	0	Standard
⎣	**Pb**	**208**	**51.065**	ug/L	0.431	0	325	7208064	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 19:17:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31132	2	Standard
	Cl	**37**		ug/L			7945752	8712842	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1763551	0	Standard
|	**Cr**	**52**	**-0.026**	ug/L	0.007	27	20753	19818	0	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.002	38	175	189	3	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	23	907	1171	4	Standard
⌈>	**Ge**	**72**		ug/L			106438	108076	4	KED
|	**Ni**	**60**	**0.004**	ug/L	0.006	170	32	39	27	KED
|	**Ni**	**62**	**-0.021**	ug/L	0.004	20	8	3	34	KED
|	**Cu**	**63**	**0.003**	ug/L	0.001	30	102	118	4	KED
|	**Cu**	**65**	**0.009**	ug/L	0.004	46	38	60	14	KED
|	**Zn**	**66**	**0.021**	ug/L	0.035	166	75	92	28	KED
|	**Zn**	**67**	**0.004**	ug/L	0.087	2193	13	14	71	KED
|	**As**	**75**	**0.004**	ug/L	0.002	38	2	3	12	KED
⌊	**Se**	**78**	**0.095**	ug/L	0.084	88	12	16	19	KED
	Y	**89**		ug/L			885368	882217	1	Standard
	Kr	**83**		ug/L			323	322	8	Standard
⌈>	**In-1**	**115**		ug/L			32288	32180	1	KED
|	**Mo**	**98**	**0.009**	ug/L	0.003	36	3	20	29	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.004	154	4	2	66	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.002	19186	2	2	119	KED
⌈>	**In**	**115**		ug/L			1802478	1784960	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	98	66	88	24	Standard
|	**Sb**	**121**	**0.052**	ug/L	0.004	7	107	1492	7	Standard
⌊	**Sb**	**123**	**0.052**	ug/L	0.002	2	97	1126	2	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3123261	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	17	325	646	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:24:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	49464	1	Standard
	Cl	37		ug/L			7945752	8401648	0	Standard
>	Sc	45		ug/L			1771523	2127704	0	Standard
	Cr	52	15.723	ug/L	0.047	0	20753	628243	0	Standard
	Cr	53	16.341	ug/L	0.126	0	175	72088	0	Standard
	Mn	55	247.830	ug/L	2.613	1	907	14848241	0	Standard
>	Ge	72		ug/L			106438	112988	1	KED
	Ni	60	19.830	ug/L	0.207	1	32	35908	2	KED
	Ni	62	20.216	ug/L	0.364	1	8	5947	1	KED
	Cu	63	19.184	ug/L	0.113	0	102	100355	1	KED
	Cu	65	19.003	ug/L	0.085	0	38	49552	1	KED
	Zn	66	32.812	ug/L	0.417	1	75	26081	0	KED
	Zn	67	33.906	ug/L	0.668	1	13	4469	1	KED
	As	75	4.107	ug/L	0.081	1	2	1574	2	KED
	Se	78	0.487	ug/L	0.136	27	12	34	18	KED
	Y	89		ug/L			885368	1217902	1	Standard
	Kr	83		ug/L			323	453	7	Standard
>	In-1	115		ug/L			32288	32824	2	KED
	Mo	98	0.106	ug/L	0.006	5	3	209	4	KED
	Cd	111	0.102	ug/L	0.012	11	4	51	12	KED
	Cd	114	0.112	ug/L	0.002	1	2	135	1	KED
>	In	115		ug/L			1802478	1814724	2	Standard
	Ag	107	0.059	ug/L	0.002	3	66	1461	4	Standard
	Sb	121	0.021	ug/L	0.002	8	107	662	5	Standard
	Sb	123	0.022	ug/L	0.002	10	97	541	8	Standard
>	Tb	159		ug/L			3135538	3362684	0	Standard
	Pb	208	7.331	ug/L	0.067	0	325	1061903	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:29:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	49471	2	Standard
	Cl	37		ug/L			7945752	8368869	1	Standard
>	Sc	45		ug/L			1771523	2070938	4	Standard
	Cr	52	14.482	ug/L	0.363	2	20753	564756	1	Standard
	Cr	53	14.896	ug/L	0.439	2	175	63933	2	Standard
	Mn	55	276.019	ug/L	7.225	2	907	16084917	1	Standard
>	Ge	72		ug/L			106438	115907	0	KED
	Ni	60	18.786	ug/L	0.187	0	32	34896	1	KED
	Ni	62	18.889	ug/L	0.156	0	8	5701	0	KED
	Cu	63	19.039	ug/L	0.153	0	102	102165	0	KED
	Cu	65	19.048	ug/L	0.105	0	38	50950	0	KED
	Zn	66	37.336	ug/L	0.175	0	75	30437	0	KED
	Zn	67	38.060	ug/L	0.755	1	13	5145	2	KED
	As	75	5.191	ug/L	0.047	0	2	2040	0	KED
	Se	78	0.423	ug/L	0.093	21	12	32	13	KED
	Y	89		ug/L			885368	1244848	1	Standard
	Kr	83		ug/L			323	466	3	Standard
>	In-1	115		ug/L			32288	33810	0	KED
	Mo	98	0.158	ug/L	0.004	2	3	320	1	KED
	Cd	111	0.120	ug/L	0.022	18	4	61	17	KED
	Cd	114	0.123	ug/L	0.013	10	2	153	11	KED
>	In	115		ug/L			1802478	1779830	0	Standard
	Ag	107	0.052	ug/L	0.002	4	66	1261	4	Standard
	Sb	121	0.033	ug/L	0.001	4	107	979	3	Standard
	Sb	123	0.035	ug/L	0.001	2	97	779	1	Standard
>	Tb	159		ug/L			3135538	3356467	1	Standard
	Pb	208	8.977	ug/L	0.056	0	325	1297839	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:34:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	52270	1	Standard
	Cl	37		ug/L			7945752	8184523	1	Standard
>	Sc	45		ug/L			1771523	2078172	3	Standard
	Cr	52	19.609	ug/L	0.490	2	20753	758849	2	Standard
	Cr	53	20.053	ug/L	0.489	2	175	86310	1	Standard
	Mn	55	287.097	ug/L	10.401	3	907	16785782	0	Standard
>	Ge	72		ug/L			106438	115233	0	KED
	Ni	60	25.799	ug/L	0.211	0	32	47631	0	KED
	Ni	62	26.263	ug/L	0.439	1	8	7877	1	KED
	Cu	63	19.638	ug/L	0.172	0	102	104769	1	KED
	Cu	65	19.766	ug/L	0.382	1	38	52563	1	KED
	Zn	66	33.114	ug/L	0.604	1	75	26848	1	KED
	Zn	67	34.721	ug/L	0.118	0	13	4668	0	KED
	As	75	3.601	ug/L	0.052	1	2	1408	1	KED
	Se	78	0.475	ug/L	0.044	9	12	35	5	KED
	Y	89		ug/L			885368	1275381	1	Standard
	Kr	83		ug/L			323	502	4	Standard
>	In-1	115		ug/L			32288	34030	0	KED
	Mo	98	0.112	ug/L	0.018	15	3	229	15	KED
	Cd	111	0.068	ug/L	0.008	12	4	36	10	KED
	Cd	114	0.089	ug/L	0.013	14	2	112	14	KED
>	In	115		ug/L			1802478	1797981	1	Standard
	Ag	107	0.049	ug/L	0.003	5	66	1203	3	Standard
	Sb	121	0.009	ug/L	0.001	13	107	353	8	Standard
	Sb	123	0.010	ug/L	0.000	4	97	291	3	Standard
>	Tb	159		ug/L			3135538	3347925	1	Standard
	Pb	208	5.609	ug/L	0.057	1	325	808917	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:38:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	51591	1	Standard
	Cl	37		ug/L			7945752	8195763	0	Standard
>	Sc	45		ug/L			1771523	2136900	0	Standard
	Cr	52	11.050	ug/L	0.158	1	20753	450828	0	Standard
	Cr	53	11.446	ug/L	0.235	2	175	50773	1	Standard
	Mn	55	212.659	ug/L	3.406	1	907	12795860	0	Standard
>	Ge	72		ug/L			106438	118784	2	KED
	Ni	60	16.238	ug/L	0.131	0	32	30913	1	KED
	Ni	62	16.262	ug/L	0.184	1	8	5032	3	KED
	Cu	63	15.832	ug/L	0.226	1	102	87074	1	KED
	Cu	65	15.969	ug/L	0.248	1	38	43777	1	KED
	Zn	66	27.928	ug/L	0.052	0	75	23354	2	KED
	Zn	67	28.566	ug/L	0.543	1	13	3961	2	KED
	As	75	3.277	ug/L	0.088	2	2	1320	2	KED
	Se	78	0.455	ug/L	0.120	26	12	35	17	KED
	Y	89		ug/L			885368	1180632	1	Standard
	Kr	83		ug/L			323	462	6	Standard
>	In-1	115		ug/L			32288	34359	1	KED
	Mo	98	0.127	ug/L	0.002	1	3	262	1	KED
	Cd	111	0.079	ug/L	0.008	10	4	42	7	KED
	Cd	114	0.075	ug/L	0.008	10	2	95	9	KED
>	In	115		ug/L			1802478	1779129	0	Standard
	Ag	107	0.038	ug/L	0.002	5	66	939	4	Standard
	Sb	121	0.007	ug/L	0.001	21	107	284	12	Standard
	Sb	123	0.005	ug/L	0.001	13	97	203	5	Standard
>	Tb	159		ug/L			3135538	3319568	0	Standard
	Pb	208	5.801	ug/L	0.091	1	325	829578	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0149-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:42:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	49061	1	Standard
	Cl	**37**		ug/L			7945752	8195683	0	Standard
>	**Sc**	**45**		ug/L			1771523	2057328	3	Standard
	Cr	**52**	**15.001**	ug/L	0.720	4	20753	580097	1	Standard
	Cr	**53**	**15.438**	ug/L	0.559	3	175	65815	0	Standard
	Mn	**55**	**284.471**	ug/L	10.867	3	907	16466977	1	Standard
>	**Ge**	**72**		ug/L			106438	116147	1	KED
	Ni	**60**	**22.722**	ug/L	0.133	0	32	42287	1	KED
	Ni	**62**	**22.896**	ug/L	0.433	1	8	6924	3	KED
	Cu	**63**	**19.929**	ug/L	0.164	0	102	107158	0	KED
	Cu	**65**	**19.874**	ug/L	0.041	0	38	53271	1	KED
	Zn	**66**	**34.515**	ug/L	0.391	1	75	28202	1	KED
	Zn	**67**	**35.424**	ug/L	0.606	1	13	4800	3	KED
	As	**75**	**3.522**	ug/L	0.074	2	2	1388	3	KED
	Se	**78**	**0.493**	ug/L	0.092	18	12	36	10	KED
	Y	**89**		ug/L			885368	1229255	0	Standard
	Kr	**83**		ug/L			323	542	3	Standard
>	**In-1**	**115**		ug/L			32288	33059	2	KED
	Mo	**98**	**0.159**	ug/L	0.009	5	3	314	3	KED
	Cd	**111**	**0.075**	ug/L	0.019	25	4	39	21	KED
	Cd	**114**	**0.070**	ug/L	0.002	2	2	85	2	KED
>	**In**	**115**		ug/L			1802478	1737981	0	Standard
	Ag	**107**	**0.041**	ug/L	0.002	4	66	993	4	Standard
	Sb	**121**	**0.005**	ug/L	0.000	4	107	233	2	Standard
	Sb	**123**	**0.004**	ug/L	0.001	23	97	165	10	Standard
>	**Tb**	**159**		ug/L			3135538	3293866	1	Standard
	Pb	**208**	**5.660**	ug/L	0.013	0	325	803165	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0182-13
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:48:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	53066	0	Standard
	Cl	37		ug/L			7945752	8037819	0	Standard
>	Sc	45		ug/L			1771523	1913198	1	Standard
	Cr	52	17.397	ug/L	0.079	0	20753	622656	1	Standard
	Cr	53	18.045	ug/L	0.263	1	175	71557	0	Standard
	Mn	55	76.728	ug/L	0.217	0	907	4134427	1	Standard
>	Ge	72		ug/L			106438	115313	3	KED
	Ni	60	11.973	ug/L	0.014	0	32	22140	3	KED
	Ni	62	12.268	ug/L	0.287	2	8	3686	2	KED
	Cu	63	6.089	ug/L	0.122	2	102	32571	1	KED
	Cu	65	6.136	ug/L	0.083	1	38	16353	2	KED
	Zn	66	26.977	ug/L	0.250	0	75	21899	2	KED
	Zn	67	26.507	ug/L	0.171	0	13	3569	2	KED
	As	75	3.277	ug/L	0.014	0	2	1282	2	KED
	Se	78	0.456	ug/L	0.063	13	12	34	6	KED
	Y	89		ug/L			885368	1057351	0	Standard
	Kr	83		ug/L			323	433	5	Standard
>	In-1	115		ug/L			32288	33101	2	KED
	Mo	98	0.173	ug/L	0.018	10	3	342	7	KED
	Cd	111	0.080	ug/L	0.015	18	4	41	15	KED
	Cd	114	0.075	ug/L	0.013	16	2	92	18	KED
>	In	115		ug/L			1802478	1743797	0	Standard
	Ag	107	0.037	ug/L	0.002	5	66	909	4	Standard
	Sb	121	0.003	ug/L	0.000	14	107	177	6	Standard
	Sb	123	0.001	ug/L	0.001	76	97	123	17	Standard
>	Tb	159		ug/L			3135538	3275117	0	Standard
	Pb	208	3.230	ug/L	0.005	0	325	455850	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:52:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	52606	1	Standard
	Cl	37		ug/L			7945752	8022603	0	Standard
>	Sc	45		ug/L			1771523	1935992	2	Standard
	Cr	52	16.879	ug/L	0.749	4	20753	611538	1	Standard
	Cr	53	17.488	ug/L	0.791	4	175	70135	2	Standard
	Mn	55	73.723	ug/L	3.601	4	907	4016478	2	Standard
>	Ge	72		ug/L			106438	114516	1	KED
	Ni	60	12.151	ug/L	0.154	1	32	22311	1	KED
	Ni	62	11.851	ug/L	0.416	3	8	3536	2	KED
	Cu	63	6.229	ug/L	0.069	1	102	33098	0	KED
	Cu	65	6.292	ug/L	0.074	1	38	16657	1	KED
	Zn	66	28.751	ug/L	0.158	0	75	23176	1	KED
	Zn	67	26.320	ug/L	0.353	1	13	3520	2	KED
	As	75	3.216	ug/L	0.029	0	2	1249	0	KED
	Se	78	0.527	ug/L	0.110	20	12	37	13	KED
	Y	89		ug/L			885368	1073532	1	Standard
	Kr	83		ug/L			323	391	10	Standard
>	In-1	115		ug/L			32288	33513	1	KED
	Mo	98	0.156	ug/L	0.009	5	3	312	5	KED
	Cd	111	0.075	ug/L	0.009	11	4	39	9	KED
	Cd	114	0.068	ug/L	0.009	13	2	85	11	KED
>	In	115		ug/L			1802478	1791303	4	Standard
	Ag	107	0.034	ug/L	0.005	14	66	848	9	Standard
	Sb	121	0.001	ug/L	0.001	89	107	142	18	Standard
	Sb	123	0.001	ug/L	0.001	117	97	111	11	Standard
>	Tb	159		ug/L			3135538	3308191	3	Standard
	Pb	208	3.139	ug/L	0.176	5	325	446975	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 19:57:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	51964	2	Standard
	Cl	37		ug/L			7945752	8218879	0	Standard
>	Sc	45		ug/L			1771523	1918102	0	Standard
	Cr	52	39.288	ug/L	0.695	1	20753	1381353	1	Standard
	Cr	53	40.003	ug/L	0.707	1	175	158809	1	Standard
	Mn	55	96.104	ug/L	1.611	1	907	5190955	0	Standard
>	Ge	72		ug/L			106438	115211	1	KED
	Ni	60	34.429	ug/L	0.307	0	32	63541	1	KED
	Ni	62	34.660	ug/L	0.496	1	8	10392	2	KED
	Cu	63	28.293	ug/L	0.106	0	102	150870	1	KED
	Cu	65	28.740	ug/L	0.140	0	38	76394	1	KED
	Zn	66	98.168	ug/L	0.714	0	75	79422	2	KED
	Zn	67	94.694	ug/L	2.329	2	13	12705	3	KED
	As	75	24.847	ug/L	0.263	1	2	9699	2	KED
	Se	78	70.223	ug/L	1.161	1	12	3266	3	KED
	Y	89		ug/L			885368	1065399	0	Standard
	Kr	83		ug/L			323	390	2	Standard
>	In-1	115		ug/L			32288	33070	2	KED
	Mo	98	15.751	ug/L	0.391	2	3	30833	0	KED
	Cd	111	23.629	ug/L	0.579	2	4	10999	0	KED
	Cd	114	23.646	ug/L	0.287	1	2	28253	1	KED
>	In	115		ug/L			1802478	1765624	1	Standard
	Ag	107	17.163	ug/L	0.479	2	66	394479	1	Standard
	Sb	121	0.403	ug/L	0.005	1	107	10662	2	Standard
	Sb	123	0.404	ug/L	0.018	4	97	8004	3	Standard
>	Tb	159		ug/L			3135538	3249145	1	Standard
	Pb	208	25.588	ug/L	0.141	0	325	3580593	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:01:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	57847	1	Standard
	Cl	**37**		ug/L			7945752	8173137	1	Standard
>	**Sc**	**45**		ug/L			1771523	1912743	0	Standard
	Cr	**52**	**38.012**	ug/L	1.207	3	20753	1333615	3	Standard
	Cr	**53**	**38.865**	ug/L	1.360	3	175	153870	3	Standard
	Mn	**55**	**95.293**	ug/L	1.803	1	907	5133243	1	Standard
>	**Ge**	**72**		ug/L			106438	115071	1	KED
	Ni	**60**	**35.097**	ug/L	0.606	1	32	64683	1	KED
	Ni	**62**	**35.191**	ug/L	1.191	3	8	10533	1	KED
	Cu	**63**	**28.936**	ug/L	0.206	0	102	154106	1	KED
	Cu	**65**	**29.306**	ug/L	0.464	1	38	77789	0	KED
	Zn	**66**	**99.345**	ug/L	1.419	1	75	80255	0	KED
	Zn	**67**	**94.320**	ug/L	0.387	0	13	12636	1	KED
	As	**75**	**25.687**	ug/L	0.497	1	2	10012	0	KED
	Se	**78**	**72.537**	ug/L	0.948	1	12	3368	1	KED
	Y	**89**		ug/L			885368	1070299	1	Standard
	Kr	**83**		ug/L			323	425	0	Standard
>	**In-1**	**115**		ug/L			32288	33344	1	KED
	Mo	**98**	**22.396**	ug/L	0.567	2	3	44215	2	KED
	Cd	**111**	**23.077**	ug/L	0.228	0	4	10835	0	KED
	Cd	**114**	**23.452**	ug/L	0.306	1	2	28256	1	KED
>	**In**	**115**		ug/L			1802478	1751660	1	Standard
	Ag	**107**	**22.233**	ug/L	1.164	5	66	506836	3	Standard
	Sb	**121**	**21.590**	ug/L	1.114	5	107	560911	3	Standard
	Sb	**123**	**22.579**	ug/L	1.218	5	97	438895	3	Standard
>	**Tb**	**159**		ug/L			3135538	3277066	0	Standard
	Pb	**208**	**24.606**	ug/L	0.523	2	325	3472990	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 20:06:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	32393	0	Standard
	Cl	**37**		ug/L			7945752	7833803	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1670758	6	Standard
|	**Cr**	**52**	**-0.017**	ug/L	0.031	182	20753	19026	1	Standard
|	**Cr**	**53**	**0.009**	ug/L	0.007	77	175	195	7	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	21	907	1100	4	Standard
⌈>	**Ge**	**72**		ug/L			106438	113448	1	KED
|	**Ni**	**60**	**0.007**	ug/L	0.002	22	32	47	6	KED
|	**Ni**	**62**	**0.002**	ug/L	0.009	417	8	10	28	KED
|	**Cu**	**63**	**0.001**	ug/L	0.001	166	102	113	5	KED
|	**Cu**	**65**	**0.001**	ug/L	0.005	355	38	44	30	KED
|	**Zn**	**66**	**0.047**	ug/L	0.012	25	75	118	9	KED
|	**Zn**	**67**	**0.008**	ug/L	0.066	871	13	15	54	KED
|	**As**	**75**	**0.006**	ug/L	0.006	92	2	4	45	KED
⌊	**Se**	**78**	**-0.005**	ug/L	0.088	1774	12	12	33	KED
	Y	**89**		ug/L			885368	826595	6	Standard
	Kr	**83**		ug/L			323	337	13	Standard
⌈>	**In-1**	**115**		ug/L			32288	33745	1	KED
|	**Mo**	**98**	**0.003**	ug/L	0.000	14	3	10	10	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.005	176	4	2	88	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	293	2	3	91	KED
⌈>	**In**	**115**		ug/L			1802478	1644607	7	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	71	66	55	12	Standard
|	**Sb**	**121**	**0.002**	ug/L	0.001	42	107	151	13	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.001	79	97	106	8	Standard
⌈>	**Tb**	**159**		ug/L			3135538	2900247	5	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	2	325	939	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 20:11:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	31946	1	Standard
	Cl	**37**		ug/L			7945752	8569652	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1717657	0	Standard
|	**Cr**	**52**	**50.860**	ug/L	0.399	0	20753	1595622	1	Standard
|	**Cr**	**53**	**51.907**	ug/L	0.271	0	175	184497	0	Standard
⌊	**Mn**	**55**	**53.300**	ug/L	0.834	1	907	2578594	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	112965	2	KED
|	**Ni**	**60**	**49.925**	ug/L	0.271	0	32	90320	1	KED
|	**Ni**	**62**	**49.643**	ug/L	0.390	0	8	14589	2	KED
|	**Cu**	**63**	**50.081**	ug/L	0.553	1	102	261769	2	KED
|	**Cu**	**65**	**49.968**	ug/L	0.539	1	38	130184	1	KED
|	**Zn**	**66**	**50.582**	ug/L	0.516	1	75	40156	1	KED
|	**Zn**	**67**	**50.395**	ug/L	0.746	1	13	6634	1	KED
|	**As**	**75**	**50.007**	ug/L	0.215	0	2	19135	1	KED
⌊	**Se**	**78**	**50.245**	ug/L	0.611	1	12	2294	3	KED
	Y	**89**		ug/L			885368	846286	2	Standard
	Kr	**83**		ug/L			323	346	11	Standard
⌈>	**In-1**	**115**		ug/L			32288	32695	1	KED
|	**Mo**	**98**	**49.765**	ug/L	0.408	0	3	96331	0	KED
|	**Cd**	**111**	**50.940**	ug/L	1.001	1	4	23443	0	KED
⌊	**Cd**	**114**	**51.451**	ug/L	0.628	1	2	60780	1	KED
⌈>	**In**	**115**		ug/L			1802478	1721649	1	Standard
|	**Ag**	**107**	**48.843**	ug/L	0.580	1	66	1094972	2	Standard
|	**Sb**	**121**	**47.355**	ug/L	0.542	1	107	1209712	0	Standard
⌊	**Sb**	**123**	**49.812**	ug/L	0.779	1	97	952103	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3085829	0	Standard
⌊	**Pb**	**208**	**50.700**	ug/L	0.278	0	325	6737792	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 20:18:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29732	1	Standard
	Cl	**37**		ug/L			7945752	8087697	1	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1710085	0	Standard
⎢	**Cr**	**52**	**-0.003**	ug/L	0.007	210	20753	19932	1	Standard
⎢	**Cr**	**53**	**0.002**	ug/L	0.000	21	175	175	0	Standard
⎣	**Mn**	**55**	**0.004**	ug/L	0.000	9	907	1068	2	Standard
⎡>	**Ge**	**72**		ug/L			106438	111586	4	KED
⎢	**Ni**	**60**	**0.001**	ug/L	0.000	23	32	36	5	KED
⎢	**Ni**	**62**	**0.014**	ug/L	0.012	85	8	13	24	KED
⎢	**Cu**	**63**	**0.001**	ug/L	0.003	194	102	114	8	KED
⎢	**Cu**	**65**	**0.008**	ug/L	0.012	143	38	62	54	KED
⎢	**Zn**	**66**	**0.023**	ug/L	0.013	56	75	97	14	KED
⎢	**Zn**	**67**	**0.032**	ug/L	0.079	243	13	19	55	KED
⎢	**As**	**75**	**0.007**	ug/L	0.001	14	2	4	11	KED
⎣	**Se**	**78**	**-0.001**	ug/L	0.034	5166	12	12	7	KED
	Y	**89**		ug/L			885368	840612	1	Standard
	Kr	**83**		ug/L			323	352	10	Standard
⎡>	**In-1**	**115**		ug/L			32288	32924	2	KED
⎢	**Mo**	**98**	**0.009**	ug/L	0.001	16	3	20	15	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.000	2	4	1		KED
⎣	**Cd**	**114**	**0.000**	ug/L	0.002	535	2	2	98	KED
⎡>	**In**	**115**		ug/L			1802478	1697573	1	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	56	66	72	9	Standard
⎢	**Sb**	**121**	**0.051**	ug/L	0.001	2	107	1377	3	Standard
⎣	**Sb**	**123**	**0.049**	ug/L	0.001	1	97	1020	0	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3008596	1	Standard
⎣	**Pb**	**208**	**0.003**	ug/L	0.000	2	325	736	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0182-17
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:24:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	48795	1	Standard
	Cl	37		ug/L			7945752	8099030	0	Standard
>	Sc	45		ug/L			1771523	1904729	0	Standard
	Cr	52	14.696	ug/L	0.042	0	20753	527109	0	Standard
	Cr	53	15.277	ug/L	0.124	0	175	60344	0	Standard
	Mn	55	73.670	ug/L	0.074	0	907	3952126	0	Standard
>	Ge	72		ug/L			106438	115084	3	KED
	Ni	60	9.854	ug/L	0.192	1	32	18183	1	KED
	Ni	62	10.009	ug/L	0.483	4	8	3001	1	KED
	Cu	63	5.148	ug/L	0.025	0	102	27512	2	KED
	Cu	65	5.189	ug/L	0.078	1	38	13808	2	KED
	Zn	66	24.607	ug/L	0.109	0	75	19944	2	KED
	Zn	67	23.781	ug/L	0.181	0	13	3197	2	KED
	As	75	2.307	ug/L	0.049	2	2	901	3	KED
	Se	78	0.351	ug/L	0.132	37	12	29	18	KED
	Y	89		ug/L			885368	1038627	0	Standard
	Kr	83		ug/L			323	366	6	Standard
>	In-1	115		ug/L			32288	33550	1	KED
	Mo	98	0.133	ug/L	0.012	8	3	267	7	KED
	Cd	111	0.042	ug/L	0.005	10	4	24	8	KED
	Cd	114	0.040	ug/L	0.005	13	2	50	12	KED
>	In	115		ug/L			1802478	1735888	0	Standard
	Ag	107	0.032	ug/L	0.001	4	66	781	4	Standard
	Sb	121	0.018	ug/L	0.001	8	107	558	7	Standard
	Sb	123	0.019	ug/L	0.001	7	97	453	5	Standard
>	Tb	159		ug/L			3135538	3227493	0	Standard
	Pb	208	2.907	ug/L	0.040	1	325	404433	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0182-21
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:28:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	51322	1	Standard
	Cl	37		ug/L			7945752	8103298	0	Standard
>	Sc	45		ug/L			1771523	1914210	1	Standard
	Cr	52	19.367	ug/L	0.247	1	20753	690925	0	Standard
	Cr	53	19.944	ug/L	0.168	0	175	79116	1	Standard
	Mn	55	96.616	ug/L	1.625	1	907	5208102	1	Standard
>	Ge	72		ug/L			106438	114623	1	KED
	Ni	60	14.735	ug/L	0.062	0	32	27074	1	KED
	Ni	62	14.692	ug/L	0.371	2	8	4386	1	KED
	Cu	63	8.122	ug/L	0.130	1	102	43165	1	KED
	Cu	65	8.126	ug/L	0.231	2	38	21513	1	KED
	Zn	66	30.255	ug/L	0.770	2	75	24411	3	KED
	Zn	67	29.118	ug/L	1.943	6	13	3894	5	KED
	As	75	3.662	ug/L	0.131	3	2	1423	2	KED
	Se	78	0.398	ug/L	0.072	18	12	31	9	KED
	Y	89		ug/L			885368	1064888	0	Standard
	Kr	83		ug/L			323	451	16	Standard
>	In-1	115		ug/L			32288	33390	1	KED
	Mo	98	0.187	ug/L	0.007	3	3	372	3	KED
	Cd	111	0.088	ug/L	0.008	8	4	45	9	KED
	Cd	114	0.073	ug/L	0.003	4	2	90	5	KED
>	In	115		ug/L			1802478	1740297	1	Standard
	Ag	107	0.045	ug/L	0.001	1	66	1077	1	Standard
	Sb	121	0.008	ug/L	0.001	8	107	299	4	Standard
	Sb	123	0.009	ug/L	0.001	9	97	267	5	Standard
>	Tb	159		ug/L			3135538	3264339	0	Standard
	Pb	208	3.805	ug/L	0.012	0	325	535237	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0182-22
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:32:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	39346	0	Standard
	Cl	37		ug/L			7945752	8037554	0	Standard
>	Sc	45		ug/L			1771523	1832452	1	Standard
	Cr	52	5.869	ug/L	0.077	1	20753	215411	0	Standard
	Cr	53	6.093	ug/L	0.051	0	175	23263	0	Standard
	Mn	55	31.905	ug/L	0.477	1	907	1647068	1	Standard
>	Ge	72		ug/L			106438	116335	1	KED
	Ni	60	4.379	ug/L	0.055	1	32	8190	2	KED
	Ni	62	4.522	ug/L	0.254	5	8	1377	6	KED
	Cu	63	1.248	ug/L	0.048	3	102	6830	4	KED
	Cu	65	1.278	ug/L	0.017	1	38	3468	0	KED
	Zn	66	9.333	ug/L	0.143	1	75	7699	2	KED
	Zn	67	8.639	ug/L	0.601	6	13	1183	6	KED
	As	75	3.403	ug/L	0.061	1	2	1343	0	KED
	Se	78	0.285	ug/L	0.090	31	12	26	15	KED
	Y	89		ug/L			885368	977027	1	Standard
	Kr	83		ug/L			323	361	8	Standard
>	In-1	115		ug/L			32288	33340	0	KED
	Mo	98	0.056	ug/L	0.006	11	3	115	11	KED
	Cd	111	0.014	ug/L	0.003	21	4	10	13	KED
	Cd	114	0.016	ug/L	0.006	38	2	22	33	KED
>	In	115		ug/L			1802478	1779985	1	Standard
	Ag	107	0.015	ug/L	0.001	5	66	422	4	Standard
	Sb	121	0.004	ug/L	0.000	5	107	200	3	Standard
	Sb	123	0.004	ug/L	0.001	39	97	170	17	Standard
>	Tb	159		ug/L			3135538	3211436	0	Standard
	Pb	208	1.465	ug/L	0.021	1	325	202917	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-19
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:37:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	45954	1	Standard
	Cl	**37**		ug/L			7945752	8073329	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	2023376	3	Standard
⎢	**Cr**	**52**	**11.598**	ug/L	0.291	2	20753	446645	1	Standard
⎢	**Cr**	**53**	**12.036**	ug/L	0.512	4	175	50497	1	Standard
⎣	**Mn**	**55**	**341.796**	ug/L	10.866	3	907	19461722	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	113003	0	KED
⎢	**Ni**	**60**	**10.728**	ug/L	0.140	1	32	19443	1	KED
⎢	**Ni**	**62**	**10.860**	ug/L	0.279	2	8	3199	1	KED
⎢	**Cu**	**63**	**16.948**	ug/L	0.256	1	102	88686	1	KED
⎢	**Cu**	**65**	**17.067**	ug/L	0.224	1	38	44516	1	KED
⎢	**Zn**	**66**	**42.892**	ug/L	0.626	1	75	34077	1	KED
⎢	**Zn**	**67**	**43.905**	ug/L	0.511	1	13	5784	1	KED
⎢	**As**	**75**	**2.123**	ug/L	0.038	1	2	814	1	KED
⎣	**Se**	**78**	**0.622**	ug/L	0.060	9	12	41	6	KED
	Y	**89**		ug/L			885368	1256793	1	Standard
	Kr	**83**		ug/L			323	429	10	Standard
⎡>	**In-1**	**115**		ug/L			32288	32653	0	KED
⎢	**Mo**	**98**	**0.076**	ug/L	0.010	13	3	151	12	KED
⎢	**Cd**	**111**	**0.119**	ug/L	0.021	17	4	58	16	KED
⎣	**Cd**	**114**	**0.113**	ug/L	0.019	16	2	136	16	KED
⎡>	**In**	**115**		ug/L			1802478	1751136	0	Standard
⎢	**Ag**	**107**	**0.080**	ug/L	0.006	7	66	1897	7	Standard
⎢	**Sb**	**121**	**0.004**	ug/L	0.001	23	107	220	11	Standard
⎣	**Sb**	**123**	**0.005**	ug/L	0.001	17	97	187	9	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3287319	0	Standard
⎣	**Pb**	**208**	**4.368**	ug/L	0.028	0	325	618762	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-20
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:41:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	45949	1	Standard
	Cl	**37**		ug/L			7945752	8007214	1	Standard
⎡>	**Sc**	**45**		ug/L			1771523	2115751	1	Standard
⎢	**Cr**	**52**	**11.933**	ug/L	0.042	0	20753	480087	0	Standard
⎢	**Cr**	**53**	**12.405**	ug/L	0.246	1	175	54462	0	Standard
⎣	**Mn**	**55**	**363.936**	ug/L	3.221	0	907	21682734	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	115987	1	KED
⎢	**Ni**	**60**	**11.463**	ug/L	0.097	0	32	21320	1	KED
⎢	**Ni**	**62**	**11.513**	ug/L	0.269	2	8	3482	3	KED
⎢	**Cu**	**63**	**17.864**	ug/L	0.269	1	102	95929	1	KED
⎢	**Cu**	**65**	**17.941**	ug/L	0.162	0	38	48027	1	KED
⎢	**Zn**	**66**	**42.935**	ug/L	0.223	0	75	35014	1	KED
⎢	**Zn**	**67**	**44.265**	ug/L	0.695	1	13	5986	2	KED
⎢	**As**	**75**	**2.200**	ug/L	0.074	3	2	866	2	KED
⎣	**Se**	**78**	**0.698**	ug/L	0.057	8	12	45	7	KED
	Y	**89**		ug/L			885368	1274285	0	Standard
	Kr	**83**		ug/L			323	461	4	Standard
⎡>	**In-1**	**115**		ug/L			32288	32862	1	KED
⎢	**Mo**	**98**	**0.091**	ug/L	0.004	4	3	181	2	KED
⎢	**Cd**	**111**	**0.103**	ug/L	0.017	16	4	51	13	KED
⎣	**Cd**	**114**	**0.117**	ug/L	0.020	16	2	142	17	KED
⎡>	**In**	**115**		ug/L			1802478	1719497	0	Standard
⎢	**Ag**	**107**	**0.082**	ug/L	0.003	3	66	1898	3	Standard
⎢	**Sb**	**121**	**0.003**	ug/L	0.001	29	107	189	13	Standard
⎣	**Sb**	**123**	**0.003**	ug/L	0.000	9	97	145	4	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3294691	1	Standard
⎣	**Pb**	**208**	**4.539**	ug/L	0.083	1	325	644304	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-21
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:46:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	46709	0	Standard
	Cl	**37**		ug/L			7945752	8059849	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1982959	4	Standard
|	**Cr**	**52**	**10.861**	ug/L	0.514	4	20753	411076	0	Standard
|	**Cr**	**53**	**11.261**	ug/L	0.345	3	175	46318	1	Standard
⌊	**Mn**	**55**	**283.921**	ug/L	12.171	4	907	15833311	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	117752	2	KED
|	**Ni**	**60**	**9.675**	ug/L	0.153	1	32	18272	2	KED
|	**Ni**	**62**	**9.956**	ug/L	0.099	0	8	3057	2	KED
|	**Cu**	**63**	**15.393**	ug/L	0.200	1	102	83934	2	KED
|	**Cu**	**65**	**15.683**	ug/L	0.174	1	38	42634	3	KED
|	**Zn**	**66**	**38.424**	ug/L	0.458	1	75	31814	1	KED
|	**Zn**	**67**	**39.698**	ug/L	0.395	0	13	5452	3	KED
|	**As**	**75**	**1.955**	ug/L	0.038	1	2	782	4	KED
⌊	**Se**	**78**	**0.482**	ug/L	0.047	9	12	36	7	KED
	Y	**89**		ug/L			885368	1191416	2	Standard
	Kr	**83**		ug/L			323	441	9	Standard
⌈>	**In-1**	**115**		ug/L			32288	34033	0	KED
|	**Mo**	**98**	**0.062**	ug/L	0.014	22	3	129	21	KED
|	**Cd**	**111**	**0.086**	ug/L	0.018	21	4	45	18	KED
⌊	**Cd**	**114**	**0.111**	ug/L	0.013	12	2	138	11	KED
⌈>	**In**	**115**		ug/L			1802478	1717751	0	Standard
|	**Ag**	**107**	**0.068**	ug/L	0.000	0	66	1576	0	Standard
|	**Sb**	**121**	**0.002**	ug/L	0.001	52	107	165	19	Standard
⌊	**Sb**	**123**	**0.002**	ug/L	0.001	76	97	125	20	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3227605	2	Standard
⌊	**Pb**	**208**	**4.024**	ug/L	0.062	1	325	559463	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-22
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:50:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	48434	2	Standard
	Cl	**37**		ug/L			7945752	7946203	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	2113123	0	Standard
|	**Cr**	**52**	**14.165**	ug/L	0.188	1	20753	564544	1	Standard
|	**Cr**	**53**	**14.607**	ug/L	0.200	1	175	64024	1	Standard
⌊	**Mn**	**55**	**286.927**	ug/L	1.423	0	907	17073639	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	116787	0	KED
|	**Ni**	**60**	**13.720**	ug/L	0.042	0	32	25688	1	KED
|	**Ni**	**62**	**13.828**	ug/L	0.550	3	8	4207	3	KED
|	**Cu**	**63**	**19.872**	ug/L	0.215	1	102	107447	1	KED
|	**Cu**	**65**	**20.001**	ug/L	0.087	0	38	53904	0	KED
|	**Zn**	**66**	**51.689**	ug/L	0.116	0	75	42426	0	KED
|	**Zn**	**67**	**52.130**	ug/L	0.438	0	13	7095	1	KED
|	**As**	**75**	**2.490**	ug/L	0.041	1	2	987	1	KED
⌊	**Se**	**78**	**0.683**	ug/L	0.126	18	12	45	12	KED
	Y	**89**		ug/L			885368	1310460	0	Standard
	Kr	**83**		ug/L			323	468	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	33872	1	KED
|	**Mo**	**98**	**0.094**	ug/L	0.003	2	3	193	3	KED
|	**Cd**	**111**	**0.122**	ug/L	0.014	11	4	62	9	KED
⌊	**Cd**	**114**	**0.117**	ug/L	0.006	4	2	145	3	KED
⌈>	**In**	**115**		ug/L			1802478	1698550	3	Standard
|	**Ag**	**107**	**0.112**	ug/L	0.005	4	66	2535	8	Standard
|	**Sb**	**121**	**0.001**	ug/L	0.000	31	107	135	11	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.000	65	97	106	9	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3280989	1	Standard
⌊	**Pb**	**208**	**5.577**	ug/L	0.119	2	325	788303	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-23
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:54:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	49332	0	Standard
	Cl	**37**		ug/L			7945752	7993018	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	2135254	0	Standard
|	**Cr**	**52**	**14.142**	ug/L	0.213	1	20753	569571	1	Standard
|	**Cr**	**53**	**14.685**	ug/L	0.035	0	175	65038	0	Standard
⌊	**Mn**	**55**	**322.051**	ug/L	1.182	0	907	19363865	0	Standard
⌈>	**Ge**	**72**		ug/L			106438	114168	1	KED
|	**Ni**	**60**	**14.036**	ug/L	0.080	0	32	25692	2	KED
|	**Ni**	**62**	**14.542**	ug/L	0.287	1	8	4325	0	KED
|	**Cu**	**63**	**19.384**	ug/L	0.169	0	102	102453	1	KED
|	**Cu**	**65**	**19.484**	ug/L	0.376	1	38	51324	0	KED
|	**Zn**	**66**	**47.207**	ug/L	0.980	2	75	37890	3	KED
|	**Zn**	**67**	**48.563**	ug/L	0.681	1	13	6461	0	KED
|	**As**	**75**	**2.125**	ug/L	0.060	2	2	824	4	KED
⌊	**Se**	**78**	**0.667**	ug/L	0.136	20	12	43	13	KED
	Y	**89**		ug/L			885368	1332915	0	Standard
	Kr	**83**		ug/L			323	464	4	Standard
⌈>	**In-1**	**115**		ug/L			32288	33372	2	KED
|	**Mo**	**98**	**0.076**	ug/L	0.009	12	3	153	12	KED
|	**Cd**	**111**	**0.077**	ug/L	0.011	14	4	40	10	KED
⌊	**Cd**	**114**	**0.085**	ug/L	0.006	7	2	104	5	KED
⌈>	**In**	**115**		ug/L			1802478	1694091	1	Standard
|	**Ag**	**107**	**0.116**	ug/L	0.005	4	66	2626	3	Standard
|	**Sb**	**121**	**0.001**	ug/L	0.001	39	107	136	10	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.001	180	97	104	22	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3319350	0	Standard
⌊	**Pb**	**208**	**5.649**	ug/L	0.080	1	325	807830	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0639-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 20:59:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	41410	3	Standard
Cl	37		ug/L			7945752	8391734	0	Standard
> Sc	45		ug/L			1771523	1858913	1	Standard
Cr	52	133.597	ug/L	1.786	1	20753	4500072	0	Standard
Cr	53	133.215	ug/L	0.956	0	175	512125	0	Standard
Mn	55	258.873	ug/L	1.760	0	907	13550409	0	Standard
> Ge	72		ug/L			106438	114798	1	KED
Ni	60	115.917	ug/L	1.143	0	32	213060	0	KED
Ni	62	116.782	ug/L	2.466	2	8	34858	1	KED
Cu	63	91.860	ug/L	1.660	1	102	487756	0	KED
Cu	65	93.056	ug/L	1.761	1	38	246353	1	KED
Zn	66	200.860	ug/L	2.728	1	75	161812	1	KED
Zn	67	202.149	ug/L	6.217	3	13	26995	1	KED
As	75	88.882	ug/L	1.299	1	2	34561	1	KED
Se	78	87.080	ug/L	0.330	0	12	4031	1	KED
Y	89		ug/L			885368	1254007	0	Standard
Kr	83		ug/L			323	427	10	Standard
> In-1	115		ug/L			32288	33564	0	KED
Mo	98	57.049	ug/L	0.980	1	3	113363	1	KED
Cd	111	111.351	ug/L	1.170	1	4	52610	0	KED
Cd	114	111.615	ug/L	1.956	1	2	135353	0	KED
> In	115		ug/L			1802478	1738328	0	Standard
Ag	107	28.632	ug/L	0.249	0	66	648099	1	Standard
Sb	121	2.638	ug/L	0.012	0	107	68144	0	Standard
Sb	123	2.732	ug/L	0.031	1	97	52812	0	Standard
> Tb	159		ug/L			3135538	3214773	2	Standard
Pb	208	102.560	ug/L	2.169	2	325	14195133	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 21:08:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29530	0	Standard
	Cl	**37**		ug/L			7945752	7885006	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1775995	1	Standard
|	**Cr**	**52**	**-0.057**	ug/L	0.004	7	20753	18987	1	Standard
|	**Cr**	**53**	**-0.002**	ug/L	0.002	107	175	169	4	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	92	907	960	3	Standard
⌈>	**Ge**	**72**		ug/L			106438	114225	3	KED
|	**Ni**	**60**	**0.002**	ug/L	0.006	303	32	38	25	KED
|	**Ni**	**62**	**-0.004**	ug/L	0.016	383	8	8	58	KED
|	**Cu**	**63**	**-0.005**	ug/L	0.002	43	102	84	14	KED
|	**Cu**	**65**	**0.003**	ug/L	0.003	78	38	49	11	KED
|	**Zn**	**66**	**0.018**	ug/L	0.005	28	75	95	2	KED
|	**Zn**	**67**	**0.006**	ug/L	0.020	305	13	15	18	KED
|	**As**	**75**	**0.009**	ug/L	0.000	4	2	5	4	KED
⌊	**Se**	**78**	**0.021**	ug/L	0.090	430	12	13	31	KED
	Y	**89**		ug/L			885368	866311	2	Standard
	Kr	**83**		ug/L			323	316	9	Standard
⌈>	**In-1**	**115**		ug/L			32288	33948	2	KED
|	**Mo**	**98**	**0.007**	ug/L	0.006	77	3	18	61	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.002	68	4	2	33	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	92	2	4	45	KED
⌈>	**In**	**115**		ug/L			1802478	1719024	2	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	36	66	49	7	Standard
|	**Sb**	**121**	**0.000**	ug/L	0.000	272	107	105	5	Standard
⌊	**Sb**	**123**	**-0.001**	ug/L	0.001	202	97	81	26	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3077414	1	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	9	325	523	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 21:12:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	30523	2	Standard
	Cl	**37**		ug/L			7945752	8577220	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1745688	1	Standard
|	**Cr**	**52**	**49.973**	ug/L	0.664	1	20753	1593449	0	Standard
|	**Cr**	**53**	**50.896**	ug/L	1.060	2	175	183814	0	Standard
⌊	**Mn**	**55**	**51.600**	ug/L	0.372	0	907	2537104	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	115034	0	KED
|	**Ni**	**60**	**49.837**	ug/L	0.538	1	32	91813	0	KED
|	**Ni**	**62**	**50.076**	ug/L	0.924	1	8	14984	1	KED
|	**Cu**	**63**	**49.795**	ug/L	0.592	1	102	265013	0	KED
|	**Cu**	**65**	**50.068**	ug/L	0.527	1	38	132847	0	KED
|	**Zn**	**66**	**49.995**	ug/L	0.633	1	75	40420	0	KED
|	**Zn**	**67**	**50.508**	ug/L	0.336	0	13	6771	0	KED
|	**As**	**75**	**49.514**	ug/L	0.452	0	2	19294	0	KED
⌊	**Se**	**78**	**49.936**	ug/L	1.437	2	12	2322	2	KED
	Y	**89**		ug/L			885368	857430	0	Standard
	Kr	**83**		ug/L			323	339	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	32826	0	KED
|	**Mo**	**98**	**49.329**	ug/L	1.043	2	3	95867	1	KED
|	**Cd**	**111**	**50.529**	ug/L	0.760	1	4	23350	0	KED
⌊	**Cd**	**114**	**50.670**	ug/L	0.357	0	2	60101	0	KED
⌈>	**In**	**115**		ug/L			1802478	1700613	0	Standard
|	**Ag**	**107**	**49.785**	ug/L	1.286	2	66	1102291	2	Standard
|	**Sb**	**121**	**48.829**	ug/L	0.257	0	107	1232207	0	Standard
⌊	**Sb**	**123**	**50.349**	ug/L	0.075	0	97	950729	0	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3142063	0	Standard
⌊	**Pb**	**208**	**50.108**	ug/L	0.247	0	325	6780743	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 21:21:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	28666	0	Standard
	Cl	**37**		ug/L			7945752	8034082	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1717877	1	Standard
|	**Cr**	**52**	**-0.008**	ug/L	0.014	174	20753	19876	1	Standard
|	**Cr**	**53**	**-0.003**	ug/L	0.001	34	175	159	3	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	46	907	945	3	Standard
⌈>	**Ge**	**72**		ug/L			106438	112003	2	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.005	216	32	29	32	KED
|	**Ni**	**62**	**-0.015**	ug/L	0.003	23	8	5	21	KED
|	**Cu**	**63**	**0.002**	ug/L	0.003	168	102	118	14	KED
|	**Cu**	**65**	**0.005**	ug/L	0.004	82	38	52	21	KED
|	**Zn**	**66**	**0.018**	ug/L	0.030	164	75	93	22	KED
|	**Zn**	**67**	**0.033**	ug/L	0.022	66	13	19	17	KED
|	**As**	**75**	**0.006**	ug/L	0.004	66	2	4	30	KED
⌊	**Se**	**78**	**0.062**	ug/L	0.012	19	12	15	1	KED
	Y	**89**		ug/L			885368	847226	2	Standard
	Kr	**83**		ug/L			323	351	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	34058	2	KED
|	**Mo**	**98**	**0.006**	ug/L	0.001	16	3	15	14	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.002	128	4	3	31	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	335	2	3	103	KED
⌈>	**In**	**115**		ug/L			1802478	1654626	4	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	312	66	66	28	Standard
|	**Sb**	**121**	**0.050**	ug/L	0.002	4	107	1331	6	Standard
⌊	**Sb**	**123**	**0.049**	ug/L	0.001	1	97	995	3	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3005416	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	22	325	523	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-27
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:27:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	45797	0	Standard
	Cl	**37**		ug/L			7945752	7993535	1	Standard
⌈>	**Sc**	**45**		ug/L			1771523	2075240	4	Standard
|	**Cr**	**52**	**15.732**	ug/L	0.422	2	20753	612661	1	Standard
|	**Cr**	**53**	**16.490**	ug/L	0.593	3	175	70882	1	Standard
⌊	**Mn**	**55**	**301.362**	ug/L	8.061	2	907	17597787	1	Standard
⌈>	**Ge**	**72**		ug/L			106438	114874	2	KED
|	**Ni**	**60**	**15.668**	ug/L	0.164	1	32	28850	2	KED
|	**Ni**	**62**	**15.825**	ug/L	0.420	2	8	4737	5	KED
|	**Cu**	**63**	**23.599**	ug/L	0.215	0	102	125473	1	KED
|	**Cu**	**65**	**23.620**	ug/L	0.125	0	38	62604	1	KED
|	**Zn**	**66**	**87.006**	ug/L	0.184	0	75	70191	2	KED
|	**Zn**	**67**	**86.634**	ug/L	1.835	2	13	11589	3	KED
|	**As**	**75**	**2.405**	ug/L	0.026	1	2	938	1	KED
⌊	**Se**	**78**	**0.738**	ug/L	0.114	15	12	47	12	KED
	Y	**89**		ug/L			885368	1344393	1	Standard
	Kr	**83**		ug/L			323	482	5	Standard
⌈>	**In-1**	**115**		ug/L			32288	33521	1	KED
|	**Mo**	**98**	**0.114**	ug/L	0.005	4	3	229	3	KED
|	**Cd**	**111**	**0.211**	ug/L	0.018	8	4	103	8	KED
⌊	**Cd**	**114**	**0.220**	ug/L	0.023	10	2	269	9	KED
⌈>	**In**	**115**		ug/L			1802478	1728297	1	Standard
|	**Ag**	**107**	**0.198**	ug/L	0.005	2	66	4513	2	Standard
|	**Sb**	**121**	**0.016**	ug/L	0.001	6	107	515	6	Standard
⌊	**Sb**	**123**	**0.016**	ug/L	0.002	10	97	394	6	Standard
⌈>	**Tb**	**159**		ug/L			3135538	3324383	1	Standard
⌊	**Pb**	**208**	**20.977**	ug/L	0.415	1	325	3002795	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0203-28
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:32:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	45822	1	Standard
	Cl	37		ug/L			7945752	7982335	0	Standard
>	Sc	45		ug/L			1771523	1963712	1	Standard
	Cr	52	13.781	ug/L	0.237	1	20753	510953	0	Standard
	Cr	53	14.146	ug/L	0.049	0	175	57623	1	Standard
	Mn	55	249.549	ug/L	1.013	0	907	13798917	1	Standard
>	Ge	72		ug/L			106438	117628	0	KED
	Ni	60	12.988	ug/L	0.120	0	32	24493	0	KED
	Ni	62	13.190	ug/L	0.385	2	8	4043	2	KED
	Cu	63	15.516	ug/L	0.241	1	102	84521	1	KED
	Cu	65	15.392	ug/L	0.342	2	38	41789	1	KED
	Zn	66	41.387	ug/L	0.458	1	75	34232	1	KED
	Zn	67	41.830	ug/L	0.903	2	13	5737	1	KED
	As	75	1.844	ug/L	0.039	2	2	737	1	KED
	Se	78	0.564	ug/L	0.081	14	12	39	9	KED
	Y	89		ug/L			885368	1234753	1	Standard
	Kr	83		ug/L			323	446	6	Standard
>	In-1	115		ug/L			32288	34117	1	KED
	Mo	98	0.058	ug/L	0.006	10	3	120	10	KED
	Cd	111	0.057	ug/L	0.006	9	4	31	7	KED
	Cd	114	0.055	ug/L	0.012	22	2	69	22	KED
>	In	115		ug/L			1802478	1709926	0	Standard
	Ag	107	0.071	ug/L	0.002	2	66	1653	1	Standard
	Sb	121	0.006	ug/L	0.001	15	107	262	10	Standard
	Sb	123	0.007	ug/L	0.002	24	97	226	13	Standard
>	Tb	159		ug/L			3135538	3269492	1	Standard
	Pb	208	4.469	ug/L	0.063	1	325	629527	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:37:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	43879	1	Standard
	Cl	37		ug/L			7945752	7941975	1	Standard
>	Sc	45		ug/L			1771523	1915412	0	Standard
	Cr	52	16.871	ug/L	0.368	2	20753	605139	1	Standard
	Cr	53	17.432	ug/L	0.251	1	175	69213	0	Standard
	Mn	55	235.628	ug/L	4.727	2	907	12707795	1	Standard
>	Ge	72		ug/L			106438	114828	1	KED
	Ni	60	17.817	ug/L	0.073	0	32	32788	1	KED
	Ni	62	18.043	ug/L	0.747	4	8	5394	3	KED
	Cu	63	15.022	ug/L	0.176	1	102	79878	1	KED
	Cu	65	14.968	ug/L	0.122	0	38	39677	2	KED
	Zn	66	31.262	ug/L	0.209	0	75	25261	1	KED
	Zn	67	32.094	ug/L	0.397	1	13	4300	2	KED
	As	75	3.236	ug/L	0.101	3	2	1261	4	KED
	Se	78	0.385	ug/L	0.150	38	12	30	21	KED
	Y	89		ug/L			885368	1166337	1	Standard
	Kr	83		ug/L			323	406	5	Standard
>	In-1	115		ug/L			32288	33596	2	KED
	Mo	98	0.134	ug/L	0.005	3	3	269	4	KED
	Cd	111	0.077	ug/L	0.015	19	4	40	17	KED
	Cd	114	0.076	ug/L	0.005	6	2	94	4	KED
>	In	115		ug/L			1802478	1686311	1	Standard
	Ag	107	0.039	ug/L	0.003	8	66	921	7	Standard
	Sb	121	0.012	ug/L	0.001	6	107	396	3	Standard
	Sb	123	0.011	ug/L	0.003	31	97	298	20	Standard
>	Tb	159		ug/L			3135538	3238773	1	Standard
	Pb	208	8.332	ug/L	0.155	1	325	1162154	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:42:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	43103	0	Standard
	Cl	37		ug/L			7945752	7903602	1	Standard
>	Sc	45		ug/L			1771523	1910244	0	Standard
	Cr	52	13.634	ug/L	0.096	0	20753	492054	0	Standard
	Cr	53	14.070	ug/L	0.140	0	175	55753	0	Standard
	Mn	55	251.802	ug/L	3.431	1	907	13544981	1	Standard
>	Ge	72		ug/L			106438	115582	0	KED
	Ni	60	23.854	ug/L	0.131	0	32	44175	0	KED
	Ni	62	23.634	ug/L	0.675	2	8	7110	1	KED
	Cu	63	21.698	ug/L	0.199	0	102	116094	0	KED
	Cu	65	21.730	ug/L	0.127	0	38	57959	1	KED
	Zn	66	36.607	ug/L	0.555	1	75	29758	0	KED
	Zn	67	37.768	ug/L	0.710	1	13	5092	2	KED
	As	75	4.230	ug/L	0.081	1	2	1658	1	KED
	Se	78	0.549	ug/L	0.013	2	12	38	1	KED
	Y	89		ug/L			885368	1178493	0	Standard
	Kr	83		ug/L			323	450	6	Standard
>	In-1	115		ug/L			32288	33059	1	KED
	Mo	98	0.153	ug/L	0.015	9	3	303	10	KED
	Cd	111	0.114	ug/L	0.009	8	4	57	7	KED
	Cd	114	0.117	ug/L	0.006	5	2	142	6	KED
>	In	115		ug/L			1802478	1652593	0	Standard
	Ag	107	0.047	ug/L	0.004	7	66	1075	7	Standard
	Sb	121	0.012	ug/L	0.002	12	107	394	9	Standard
	Sb	123	0.011	ug/L	0.001	6	97	295	5	Standard
>	Tb	159		ug/L			3135538	3163670	1	Standard
	Pb	208	8.319	ug/L	0.075	0	325	1133624	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:46:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	46080	0	Standard
	Cl	37		ug/L			7945752	7826248	0	Standard
>	Sc	45		ug/L			1771523	1931861	1	Standard
	Cr	52	15.571	ug/L	0.384	2	20753	564997	1	Standard
	Cr	53	15.916	ug/L	0.360	2	175	63744	1	Standard
	Mn	55	276.091	ug/L	9.420	3	907	15014000	1	Standard
>	Ge	72		ug/L			106438	115994	0	KED
	Ni	60	22.860	ug/L	0.592	2	32	42482	1	KED
	Ni	62	22.934	ug/L	0.855	3	8	6924	3	KED
	Cu	63	24.720	ug/L	0.267	1	102	132720	0	KED
	Cu	65	24.689	ug/L	0.363	1	38	66074	1	KED
	Zn	66	40.800	ug/L	0.311	0	75	33277	0	KED
	Zn	67	40.658	ug/L	0.510	1	13	5499	0	KED
	As	75	4.216	ug/L	0.052	1	2	1658	0	KED
	Se	78	0.558	ug/L	0.038	6	12	39	5	KED
	Y	89		ug/L			885368	1269744	2	Standard
	Kr	83		ug/L			323	486	4	Standard
>	In-1	115		ug/L			32288	33471	0	KED
	Mo	98	0.148	ug/L	0.020	13	3	297	12	KED
	Cd	111	0.091	ug/L	0.010	11	4	46	10	KED
	Cd	114	0.093	ug/L	0.004	4	2	115	3	KED
>	In	115		ug/L			1802478	1673408	1	Standard
	Ag	107	0.055	ug/L	0.001	1	66	1253	2	Standard
	Sb	121	0.009	ug/L	0.002	19	107	317	13	Standard
	Sb	123	0.011	ug/L	0.001	6	97	286	4	Standard
>	Tb	159		ug/L			3135538	3268704	0	Standard
	Pb	208	8.119	ug/L	0.094	1	325	1143195	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-SRL1
Sample Dil Factor: 100
Comments:
Sample Date/Time: Friday, June 25, 2021 21:51:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	34481	0	Standard
	Cl	37		ug/L			7945752	7663254	0	Standard
>	Sc	45		ug/L			1771523	1798455	1	Standard
	Cr	52	3.404	ug/L	0.027	0	20753	131480	1	Standard
	Cr	53	3.613	ug/L	0.051	1	175	13611	1	Standard
	Mn	55	62.097	ug/L	0.235	0	907	3145458	1	Standard
>	Ge	72		ug/L			106438	115314	2	KED
	Ni	60	4.744	ug/L	0.102	2	32	8791	2	KED
	Ni	62	4.861	ug/L	0.140	2	8	1467	5	KED
	Cu	63	5.200	ug/L	0.025	0	102	27840	2	KED
	Cu	65	5.176	ug/L	0.065	1	38	13804	2	KED
	Zn	66	8.635	ug/L	0.052	0	75	7065	2	KED
	Zn	67	9.072	ug/L	0.199	2	13	1231	3	KED
	As	75	0.855	ug/L	0.013	1	2	336	3	KED
	Se	78	0.129	ug/L	0.010	8	12	19	3	KED
	Y	89		ug/L			885368	960404	1	Standard
	Kr	83		ug/L			323	328	12	Standard
>	In-1	115		ug/L			32288	33579	1	KED
	Mo	98	0.031	ug/L	0.004	12	3	66	12	KED
	Cd	111	0.016	ug/L	0.010	66	4	11	41	KED
	Cd	114	0.018	ug/L	0.004	23	2	24	20	KED
>	In	115		ug/L			1802478	1698837	2	Standard
	Ag	107	0.010	ug/L	0.000	3	66	274	2	Standard
	Sb	121	0.002	ug/L	0.000	21	107	156	9	Standard
	Sb	123	0.002	ug/L	0.001	45	97	132	13	Standard
>	Tb	159		ug/L			3135538	3132793	0	Standard
	Pb	208	1.737	ug/L	0.027	1	325	234694	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 21:56:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	57244	1	Standard
	Cl	37		ug/L			7945752	7772672	0	Standard
>	Sc	45		ug/L			1771523	1923789	1	Standard
	Cr	52	18.798	ug/L	0.341	1	20753	674596	1	Standard
	Cr	53	19.310	ug/L	0.152	0	175	76985	0	Standard
	Mn	55	284.199	ug/L	4.385	1	907	15393891	1	Standard
>	Ge	72		ug/L			106438	116728	0	KED
	Ni	60	22.340	ug/L	0.186	0	32	41784	0	KED
	Ni	62	22.648	ug/L	0.010	0	8	6882	0	KED
	Cu	63	16.143	ug/L	0.127	0	102	87259	0	KED
	Cu	65	16.101	ug/L	0.405	2	38	43380	2	KED
	Zn	66	30.006	ug/L	0.252	0	75	24651	0	KED
	Zn	67	31.187	ug/L	0.371	1	13	4248	1	KED
	As	75	4.225	ug/L	0.015	0	2	1672	0	KED
	Se	78	0.693	ug/L	0.066	9	12	45	6	KED
	Y	89		ug/L			885368	1147183	0	Standard
	Kr	83		ug/L			323	460	5	Standard
>	In-1	115		ug/L			32288	33302	0	KED
	Mo	98	0.176	ug/L	0.016	9	3	350	9	KED
	Cd	111	0.067	ug/L	0.006	8	4	35	8	KED
	Cd	114	0.085	ug/L	0.003	3	2	105	2	KED
>	In	115		ug/L			1802478	1678699	2	Standard
	Ag	107	0.049	ug/L	0.003	6	66	1132	4	Standard
	Sb	121	0.008	ug/L	0.001	18	107	290	14	Standard
	Sb	123	0.009	ug/L	0.001	5	97	261	6	Standard
>	Tb	159		ug/L			3135538	3197141	2	Standard
	Pb	208	5.800	ug/L	0.039	0	325	798881	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 22:01:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28724	59096	0	Standard
	Cl	37		ug/L			7945752	7933531	0	Standard
>	Sc	45		ug/L			1771523	1931106	2	Standard
	Cr	52	37.215	ug/L	0.596	1	20753	1318276	1	Standard
	Cr	53	38.284	ug/L	0.672	1	175	152999	1	Standard
	Mn	55	348.773	ug/L	9.297	2	907	18956304	0	Standard
>	Ge	72		ug/L			106438	116663	2	KED
	Ni	60	43.703	ug/L	0.261	0	32	81669	2	KED
	Ni	62	43.715	ug/L	1.785	4	8	13260	1	KED
	Cu	63	41.327	ug/L	0.779	1	102	223032	0	KED
	Cu	65	41.296	ug/L	0.681	1	38	111121	1	KED
	Zn	66	106.673	ug/L	2.126	1	75	87360	1	KED
	Zn	67	105.679	ug/L	0.918	0	13	14351	1	KED
	As	75	25.691	ug/L	0.554	2	2	10152	1	KED
	Se	78	69.808	ug/L	1.365	1	12	3286	1	KED
	Y	89		ug/L			885368	1214296	2	Standard
	Kr	83		ug/L			323	509	4	Standard
>	In-1	115		ug/L			32288	33627	1	KED
	Mo	98	0.243	ug/L	0.015	6	3	488	8	KED
	Cd	111	23.338	ug/L	0.653	2	4	11047	1	KED
	Cd	114	23.258	ug/L	0.406	1	2	28256	0	KED
>	In	115		ug/L			1802478	1728609	2	Standard
	Ag	107	20.603	ug/L	0.739	3	66	463660	3	Standard
	Sb	121	0.011	ug/L	0.001	6	107	391	2	Standard
	Sb	123	0.012	ug/L	0.001	4	97	318	4	Standard
>	Tb	159		ug/L			3135538	3224140	1	Standard
	Pb	208	28.773	ug/L	0.103	0	325	3995329	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0451-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 22:06:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			28724	49294	1	Standard
Cl	37		ug/L			7945752	7953612	0	Standard
> Sc	45		ug/L			1771523	1950676	1	Standard
Cr	52	36.153	ug/L	0.170	0	20753	1294718	1	Standard
Cr	53	36.911	ug/L	0.331	0	175	149047	1	Standard
Mn	55	296.683	ug/L	1.109	0	907	16297080	1	Standard
> Ge	72		ug/L			106438	116389	0	KED
Ni	60	46.688	ug/L	0.453	0	32	87031	0	KED
Ni	62	46.735	ug/L	0.632	1	8	14151	0	KED
Cu	63	48.374	ug/L	0.384	0	102	260500	0	KED
Cu	65	48.588	ug/L	0.401	0	38	130442	0	KED
Zn	66	113.827	ug/L	1.664	1	75	93012	1	KED
Zn	67	110.479	ug/L	1.070	0	13	14969	1	KED
As	75	27.099	ug/L	0.366	1	2	10685	1	KED
Se	78	74.789	ug/L	0.989	1	12	3512	0	KED
Y	89		ug/L			885368	1254023	0	Standard
Kr	83		ug/L			323	486	4	Standard
> In-1	115		ug/L			32288	33814	0	KED
Mo	98	0.143	ug/L	0.013	8	3	290	9	KED
Cd	111	23.053	ug/L	0.406	1	4	10976	1	KED
Cd	114	23.264	ug/L	0.450	1	2	28424	1	KED
> In	115		ug/L			1802478	1696183	1	Standard
Ag	107	22.170	ug/L	0.206	0	66	489621	0	Standard
Sb	121	0.018	ug/L	0.001	4	107	552	2	Standard
Sb	123	0.019	ug/L	0.002	8	97	452	5	Standard
> Tb	159		ug/L			3135538	3280434	0	Standard
Pb	208	29.852	ug/L	0.291	0	325	4217743	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:10:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	30095	0	Standard
	Cl	**37**		ug/L			7945752	7549290	0	Standard
⌈>	**Sc**	**45**		ug/L			1771523	1732216	1	Standard
|	**Cr**	**52**	**-0.037**	ug/L	0.006	17	20753	19122	1	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.003	62	175	187	6	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.001	13	907	1127	3	Standard
⌈>	**Ge**	**72**		ug/L			106438	112252	1	KED
|	**Ni**	**60**	**-0.004**	ug/L	0.005	133	32	27	32	KED
|	**Ni**	**62**	**-0.015**	ug/L	0.007	49	8	5	43	KED
|	**Cu**	**63**	**0.001**	ug/L	0.003	397	102	112	14	KED
|	**Cu**	**65**	**0.010**	ug/L	0.005	45	38	66	16	KED
|	**Zn**	**66**	**0.050**	ug/L	0.031	63	75	118	21	KED
|	**Zn**	**67**	**0.037**	ug/L	0.096	255	13	19	64	KED
|	**As**	**75**	**0.005**	ug/L	0.004	74	2	4	33	KED
⌊	**Se**	**78**	**-0.009**	ug/L	0.049	553	12	12	17	KED
	Y	**89**		ug/L			885368	853264	2	Standard
	Kr	**83**		ug/L			323	337	3	Standard
⌈>	**In-1**	**115**		ug/L			32288	33116	2	KED
|	**Mo**	**98**	**0.000**	ug/L	0.001	488	3	4	68	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	148	4	3	45	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.005	131	2	7	88	KED
⌈>	**In**	**115**		ug/L			1802478	1627009	2	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	284	66	64	21	Standard
|	**Sb**	**121**	**-0.001**	ug/L	0.000	15	107	62	6	Standard
⌊	**Sb**	**123**	**-0.002**	ug/L	0.001	28	97	47	22	Standard
⌈>	**Tb**	**159**		ug/L			3135538	2955205	1	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	10	325	522	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:14:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	29877	2	Standard
	Cl	**37**		ug/L			7945752	8403119	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1699392	0	Standard
⎢	**Cr**	**52**	**50.793**	ug/L	0.536	1	20753	1576533	0	Standard
⎢	**Cr**	**53**	**51.670**	ug/L	0.984	1	175	181695	1	Standard
⎣	**Mn**	**55**	**52.005**	ug/L	0.366	0	907	2489330	0	Standard
⎡>	**Ge**	**72**		ug/L			106438	114788	1	KED
⎢	**Ni**	**60**	**49.259**	ug/L	0.869	1	32	90548	1	KED
⎢	**Ni**	**62**	**49.515**	ug/L	1.353	2	8	14782	1	KED
⎢	**Cu**	**63**	**49.123**	ug/L	0.808	1	102	260844	0	KED
⎢	**Cu**	**65**	**49.005**	ug/L	0.564	1	38	129745	1	KED
⎢	**Zn**	**66**	**50.042**	ug/L	0.252	0	75	40373	1	KED
⎢	**Zn**	**67**	**49.928**	ug/L	1.379	2	13	6677	0	KED
⎢	**As**	**75**	**49.666**	ug/L	0.506	1	2	19311	1	KED
⎣	**Se**	**78**	**49.211**	ug/L	0.958	1	12	2284	3	KED
	Y	**89**		ug/L			885368	833810	0	Standard
	Kr	**83**		ug/L			323	304	7	Standard
⎡>	**In-1**	**115**		ug/L			32288	32993	2	KED
⎢	**Mo**	**98**	**48.781**	ug/L	0.887	1	3	95269	0	KED
⎢	**Cd**	**111**	**50.399**	ug/L	1.201	2	4	23403	0	KED
⎣	**Cd**	**114**	**50.144**	ug/L	1.429	2	2	59764	2	KED
⎡>	**In**	**115**		ug/L			1802478	1644330	0	Standard
⎢	**Ag**	**107**	**48.742**	ug/L	0.525	1	66	1043531	1	Standard
⎢	**Sb**	**121**	**48.607**	ug/L	0.958	1	107	1185914	1	Standard
⎣	**Sb**	**123**	**50.272**	ug/L	1.492	2	97	917729	2	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3051038	1	Standard
⎣	**Pb**	**208**	**50.258**	ug/L	0.419	0	325	6603522	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:21:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28724	27943	0	Standard
	Cl	**37**		ug/L			7945752	7868795	0	Standard
⎡>	**Sc**	**45**		ug/L			1771523	1757171	0	Standard
⎢	**Cr**	**52**	**-0.001**	ug/L	0.006	629	20753	20556	1	Standard
⎢	**Cr**	**53**	**-0.002**	ug/L	0.006	273	175	166	13	Standard
⎣	**Mn**	**55**	**0.000**	ug/L	0.000	87	907	921	1	Standard
⎡>	**Ge**	**72**		ug/L			106438	112587	3	KED
⎢	**Ni**	**60**	**0.001**	ug/L	0.002	169	32	36	13	KED
⎢	**Ni**	**62**	**-0.004**	ug/L	0.010	256	8	8	35	KED
⎢	**Cu**	**63**	**0.000**	ug/L	0.002	1113	102	109	11	KED
⎢	**Cu**	**65**	**0.008**	ug/L	0.002	20	38	62	4	KED
⎢	**Zn**	**66**	**0.040**	ug/L	0.011	26	75	111	4	KED
⎢	**Zn**	**67**	**0.033**	ug/L	0.031	92	13	19	17	KED
⎢	**As**	**75**	**0.002**	ug/L	0.004	174	2	3	45	KED
⎣	**Se**	**78**	**-0.016**	ug/L	0.029	184	12	12	11	KED
	Y	**89**		ug/L			885368	858310	0	Standard
	Kr	**83**		ug/L			323	304	2	Standard
⎡>	**In-1**	**115**		ug/L			32288	33904	1	KED
⎢	**Mo**	**98**	**0.006**	ug/L	0.004	61	3	16	48	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.002	63	4	2	33	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.001	167	2	3	50	KED
⎡>	**In**	**115**		ug/L			1802478	1653388	1	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	82	66	74	16	Standard
⎢	**Sb**	**121**	**0.048**	ug/L	0.002	4	107	1275	2	Standard
⎣	**Sb**	**123**	**0.048**	ug/L	0.003	5	97	973	6	Standard
⎡>	**Tb**	**159**		ug/L			3135538	3033503	1	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	7	325	493	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:26:08

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				28448	0	Standard
	Cl	**37**		ug/L				7747992	0	Standard
>	**Sc**	**45**		ug/L				1714902	1	Standard
	Cr	**52**		ug/L				20470	1	Standard
	Cr	**53**		ug/L				171	3	Standard
	Mn	**55**		ug/L				899	3	Standard
>	**Ge**	**72**		ug/L				112412	1	KED
	Ni	**60**		ug/L				25	22	KED
	Ni	**62**		ug/L				5	33	KED
	Cu	**63**		ug/L				107	20	KED
	Cu	**65**		ug/L				48	47	KED
	Zn	**66**		ug/L				92	25	KED
	Zn	**67**		ug/L				10	53	KED
	As	**75**		ug/L				3	17	KED
	Se	**78**		ug/L				11	29	KED
	Y	**89**		ug/L				836014	0	Standard
	Kr	**83**		ug/L				316	3	Standard
>	**In-1**	**115**		ug/L				33237	2	KED
	Mo	**98**		ug/L				8	35	KED
	Cd	**111**		ug/L				3	45	KED
	Cd	**114**		ug/L				3	95	KED
>	**In**	**115**		ug/L				1657839	0	Standard
	Ag	**107**		ug/L				47	13	Standard
	Sb	**121**		ug/L				406	8	Standard
	Sb	**123**		ug/L				347	13	Standard
>	**Tb**	**159**		ug/L				2980787	2	Standard
	Pb	**208**		ug/L				489	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:30:29

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	30136	1	Standard
	Cl	**37**		ug/L			7747992	8545144	1	Standard
>	**Sc**	**45**		ug/L			1714902	1745573	1	Standard
	Cr	**52**	**49.284**	ug/L	0.736	1	20470	1572221	2	Standard
	Cr	**53**	**50.537**	ug/L	0.219	0	171	182550	1	Standard
	Mn	**55**	**51.240**	ug/L	0.513	1	899	2519153	1	Standard
>	**Ge**	**72**		ug/L			112412	116146	0	KED
	Ni	**60**	**49.249**	ug/L	0.417	0	25	91600	0	KED
	Ni	**62**	**50.015**	ug/L	0.693	1	5	15108	1	KED
	Cu	**63**	**49.908**	ug/L	0.359	0	107	268190	0	KED
	Cu	**65**	**49.593**	ug/L	0.398	0	48	132870	0	KED
	Zn	**66**	**50.089**	ug/L	0.446	0	92	40901	0	KED
	Zn	**67**	**50.194**	ug/L	0.864	1	10	6791	2	KED
	As	**75**	**49.637**	ug/L	0.371	0	3	19530	0	KED
	Se	**78**	**50.343**	ug/L	1.150	2	11	2362	1	KED
	Y	**89**		ug/L			836014	852470	1	Standard
	Kr	**83**		ug/L			316	347	6	Standard
>	**In-1**	**115**		ug/L			33237	34132	4	KED
	Mo	**98**	**45.593**	ug/L	3.895	8	8	91952	5	KED
	Cd	**111**	**46.808**	ug/L	4.260	9	3	22443	5	KED
	Cd	**114**	**47.151**	ug/L	4.905	10	3	58001	7	KED
>	**In**	**115**		ug/L			1657839	1687146	2	Standard
	Ag	**107**	**48.226**	ug/L	0.976	2	47	1059235	2	Standard
	Sb	**121**	**48.367**	ug/L	0.301	0	406	1211290	2	Standard
	Sb	**123**	**49.863**	ug/L	0.670	1	347	934336	2	Standard
>	**Tb**	**159**		ug/L			2980787	3103281	0	Standard
	Pb	**208**	**50.130**	ug/L	0.404	0	489	6700206	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:38:04

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	27774	1	Standard
	Cl	**37**		ug/L			7747992	7916075	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1673125	1	Standard
|	**Cr**	**52**	**0.009**	ug/L	0.012	137	20470	20224	0	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.001	23	171	154	2	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	99	899	905	2	Standard
⌈>	**Ge**	**72**		ug/L			112412	109574	6	KED
|	**Ni**	**60**	**0.007**	ug/L	0.006	90	25	36	22	KED
|	**Ni**	**62**	**0.005**	ug/L	0.009	193	5	6	41	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.002	6745	107	104	1	KED
|	**Cu**	**65**	**0.001**	ug/L	0.004	277	48	50	24	KED
|	**Zn**	**66**	**-0.000**	ug/L	0.019	6917	92	90	17	KED
|	**Zn**	**67**	**0.037**	ug/L	0.037	102	10	15	33	KED
|	**As**	**75**	**0.006**	ug/L	0.006	99	3	5	36	KED
⌊	**Se**	**78**	**0.004**	ug/L	0.056	1484	11	11	24	KED
	Y	**89**		ug/L			836014	830559	0	Standard
	Kr	**83**		ug/L			316	333	8	Standard
⌈>	**In-1**	**115**		ug/L			33237	33896	1	KED
|	**Mo**	**98**	**0.009**	ug/L	0.002	25	8	27	17	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	145	3	2	65	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	54	3	1	103	KED
⌈>	**In**	**115**		ug/L			1657839	1655471	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	24	47	85	11	Standard
|	**Sb**	**121**	**0.052**	ug/L	0.004	7	406	1690	5	Standard
⌊	**Sb**	**123**	**0.052**	ug/L	0.002	3	347	1299	1	Standard
⌈>	**Tb**	**159**		ug/L			2980787	2940978	2	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	54	489	558	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 22:42:25

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	47263	1	Standard
	Cl	**37**		ug/L			7747992	7846421	2	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1895145	5	Standard
|	**Cr**	**52**	**16.890**	ug/L	0.256	1	20470	599670	4	Standard
|	**Cr**	**53**	**17.491**	ug/L	0.238	1	171	68728	6	Standard
⌊	**Mn**	**55**	**404.476**	ug/L	3.934	0	899	21579412	5	Standard
⌈>	**Ge**	**72**		ug/L			112412	114420	1	KED
|	**Ni**	**60**	**20.475**	ug/L	0.079	0	25	37535	2	KED
|	**Ni**	**62**	**20.705**	ug/L	0.468	2	5	6166	3	KED
|	**Cu**	**63**	**18.218**	ug/L	0.121	0	107	96519	2	KED
|	**Cu**	**65**	**18.203**	ug/L	0.296	1	48	48082	3	KED
|	**Zn**	**66**	**52.737**	ug/L	0.543	1	92	42415	0	KED
|	**Zn**	**67**	**52.544**	ug/L	0.168	0	10	7002	2	KED
|	**As**	**75**	**4.259**	ug/L	0.078	1	3	1653	0	KED
⌊	**Se**	**78**	**0.617**	ug/L	0.059	9	11	40	8	KED
	Y	**89**		ug/L			836014	1192144	4	Standard
	Kr	**83**		ug/L			316	434	9	Standard
⌈>	**In-1**	**115**		ug/L			33237	33792	2	KED
|	**Mo**	**98**	**0.185**	ug/L	0.004	1	8	378	0	KED
|	**Cd**	**111**	**0.089**	ug/L	0.005	5	3	45	4	KED
⌊	**Cd**	**114**	**0.092**	ug/L	0.014	15	3	116	17	KED
⌈>	**In**	**115**		ug/L			1657839	1634661	5	Standard
|	**Ag**	**107**	**0.051**	ug/L	0.002	4	47	1130	5	Standard
|	**Sb**	**121**	**0.022**	ug/L	0.001	2	406	923	6	Standard
⌊	**Sb**	**123**	**0.021**	ug/L	0.001	5	347	723	4	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3146982	5	Standard
⌊	**Pb**	**208**	**10.818**	ug/L	0.108	0	489	1466093	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Friday, June 25, 2021 22:46:45

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	47351	1	Standard
	Cl	**37**		ug/L			7747992	7857052	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1938451	1	Standard
|	**Cr**	**52**	**13.165**	ug/L	0.264	2	20470	483311	1	Standard
|	**Cr**	**53**	**13.701**	ug/L	0.215	1	171	55093	0	Standard
⌊	**Mn**	**55**	**256.806**	ug/L	2.361	0	899	14017270	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	119394	1	KED
|	**Ni**	**60**	**20.756**	ug/L	0.418	2	25	39698	1	KED
|	**Ni**	**62**	**20.717**	ug/L	0.093	0	5	6437	1	KED
|	**Cu**	**63**	**18.656**	ug/L	0.179	0	107	103122	0	KED
|	**Cu**	**65**	**18.628**	ug/L	0.203	1	48	51333	0	KED
|	**Zn**	**66**	**35.385**	ug/L	0.775	2	92	29728	1	KED
|	**Zn**	**67**	**35.029**	ug/L	0.530	1	10	4875	2	KED
|	**As**	**75**	**3.130**	ug/L	0.033	1	3	1269	0	KED
⌊	**Se**	**78**	**0.534**	ug/L	0.125	23	11	38	14	KED
	Y	**89**		ug/L			836014	1203528	1	Standard
	Kr	**83**		ug/L			316	466	5	Standard
⌈>	**In-1**	**115**		ug/L			33237	34179	1	KED
|	**Mo**	**98**	**0.140**	ug/L	0.006	4	8	291	3	KED
|	**Cd**	**111**	**0.088**	ug/L	0.007	8	3	45	5	KED
⌊	**Cd**	**114**	**0.093**	ug/L	0.004	4	3	118	2	KED
⌈>	**In**	**115**		ug/L			1657839	1697709	1	Standard
|	**Ag**	**107**	**0.046**	ug/L	0.002	5	47	1059	3	Standard
|	**Sb**	**121**	**0.007**	ug/L	0.002	28	406	597	9	Standard
⌊	**Sb**	**123**	**0.005**	ug/L	0.002	39	347	444	8	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3265712	0	Standard
⌊	**Pb**	**208**	**8.235**	ug/L	0.037	0	489	1158652	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-06

Sample Dil Factor: 20

DEL

Comments:

Sample Date/Time: Friday, June 25, 2021 22:51:06

Number of Replicates: 3

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	51696	2	Standard
	Cl	**37**		ug/L			7747992	7878816	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1935463	1	Standard
|	**Cr**	**52**	**16.150**	ug/L	0.174	1	20470	586764	0	Standard
|	**Cr**	**53**	**16.709**	ug/L	0.170	1	171	67044	0	Standard
⌊	**Mn**	**55**	**245.408**	ug/L	4.322	1	899	13373295	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	120273	1	KED
|	**Ni**	**60**	**20.381**	ug/L	0.045	0	25	39271	1	KED
|	**Ni**	**62**	**20.637**	ug/L	0.472	2	5	6457	1	KED
|	**Cu**	**63**	**16.766**	ug/L	0.288	1	107	93376	2	KED
|	**Cu**	**65**	**16.577**	ug/L	0.151	0	48	46024	1	KED
|	**Zn**	**66**	**33.035**	ug/L	0.175	0	92	27968	1	KED
|	**Zn**	**67**	**34.577**	ug/L	0.530	1	10	4847	0	KED
|	**As**	**75**	**3.312**	ug/L	0.097	2	3	1353	4	KED
⌊	**Se**	**78**	**0.572**	ug/L	0.046	8	11	40	5	KED
	Y	**89**		ug/L			836014	1183131	0	Standard
	Kr	**83**		ug/L			316	441	4	Standard
⌈>	**In-1**	**115**		ug/L			33237	34526	2	KED
|	**Mo**	**98**	**0.170**	ug/L	0.010	6	8	356	5	KED
|	**Cd**	**111**	**0.072**	ug/L	0.015	20	3	38	17	KED
⌊	**Cd**	**114**	**0.064**	ug/L	0.012	19	3	83	16	KED
⌈>	**In**	**115**		ug/L			1657839	1737427	0	Standard
|	**Ag**	**107**	**0.044**	ug/L	0.001	2	47	1052	2	Standard
|	**Sb**	**121**	**0.001**	ug/L	0.002	118	406	461	9	Standard
⌊	**Sb**	**123**	**-0.002**	ug/L	0.000	17	347	332	1	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3255077	0	Standard
⌊	**Pb**	**208**	**9.389**	ug/L	0.056	0	489	1316677	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-04
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 22:56:50

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	64778	0	Standard
	Cl	**37**		ug/L			7747992	7920555	1	Standard
>	**Sc**	**45**		ug/L			1714902	1737940	1	Standard
	Cr	**52**	**14.715**	ug/L	0.080	0	20470	481947	1	Standard
	Cr	**53**	**15.683**	ug/L	0.052	0	171	56523	1	Standard
	Mn	**55**	**5.685**	ug/L	0.061	1	899	279083	0	Standard
>	**Ge**	**72**		ug/L			112412	96243	2	KED
	Ni	**60**	**1.122**	ug/L	0.019	1	25	1750	1	KED
	Ni	**62**	**1.204**	ug/L	0.094	7	5	306	6	KED
	Cu	**63**	**6.507**	ug/L	0.092	1	107	29054	1	KED
	Cu	**65**	**6.510**	ug/L	0.114	1	48	14485	1	KED
	Zn	**66**	**12.248**	ug/L	0.200	1	92	8347	2	KED
	Zn	**67**	**11.091**	ug/L	0.245	2	10	1250	3	KED
	As	**75**	**0.071**	ug/L	0.008	11	3	26	11	KED
	Se	**78**	**0.077**	ug/L	0.056	72	11	13	16	KED
	Y	**89**		ug/L			836014	813563	1	Standard
	Kr	**83**		ug/L			316	330	4	Standard
>	**In-1**	**115**		ug/L			33237	28704	1	KED
	Mo	**98**	**13.334**	ug/L	0.271	2	8	22662	0	KED
	Cd	**111**	**0.003**	ug/L	0.001	34	3	4	13	KED
	Cd	**114**	**0.003**	ug/L	0.002	55	3	5	31	KED
>	**In**	**115**		ug/L			1657839	1663242	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	50	47	76	19	Standard
	Sb	**121**	**0.204**	ug/L	0.002	1	406	5449	1	Standard
	Sb	**123**	**0.208**	ug/L	0.008	3	347	4184	3	Standard
>	**Tb**	**159**		ug/L			2980787	3104234	0	Standard
	Pb	**208**	**0.007**	ug/L	0.000	2	489	1475	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-03
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:01:11

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	65192	1	Standard
	Cl	**37**		ug/L			7747992	8112390	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1751342	0	Standard
|	**Cr**	**52**	**16.228**	ug/L	0.145	0	20470	533414	0	Standard
|	**Cr**	**53**	**17.658**	ug/L	0.142	0	171	64107	0	Standard
⌊	**Mn**	**55**	**5.834**	ug/L	0.060	1	899	288607	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	98802	0	KED
|	**Ni**	**60**	**1.120**	ug/L	0.048	4	25	1793	3	KED
|	**Ni**	**62**	**1.221**	ug/L	0.035	2	5	318	3	KED
|	**Cu**	**63**	**6.687**	ug/L	0.108	1	107	30652	1	KED
|	**Cu**	**65**	**6.787**	ug/L	0.067	0	48	15506	1	KED
|	**Zn**	**66**	**5.673**	ug/L	0.219	3	92	4012	3	KED
|	**Zn**	**67**	**5.229**	ug/L	0.677	12	10	610	12	KED
|	**As**	**75**	**0.075**	ug/L	0.015	20	3	27	18	KED
⌊	**Se**	**78**	**0.137**	ug/L	0.034	25	11	15	8	KED
	Y	**89**		ug/L			836014	825231	0	Standard
	Kr	**83**		ug/L			316	337	8	Standard
⌈>	**In-1**	**115**		ug/L			33237	29189	1	KED
|	**Mo**	**98**	**15.692**	ug/L	0.139	0	8	27125	0	KED
|	**Cd**	**111**	**0.013**	ug/L	0.010	71	3	8	46	KED
⌊	**Cd**	**114**	**0.009**	ug/L	0.004	37	3	12	30	KED
⌈>	**In**	**115**		ug/L			1657839	1682118	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	19	47	86	8	Standard
|	**Sb**	**121**	**0.190**	ug/L	0.004	2	406	5165	2	Standard
⌊	**Sb**	**123**	**0.197**	ug/L	0.002	0	347	4034	0	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3094034	0	Standard
⌊	**Pb**	**208**	**0.020**	ug/L	0.000	1	489	3176	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-02
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:05:31

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	66476	0	Standard
	Cl	**37**		ug/L			7747992	8708521	1	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1759423	0	Standard
|	**Cr**	**52**	**27.731**	ug/L	0.243	0	20470	900838	0	Standard
|	**Cr**	**53**	**30.069**	ug/L	0.134	0	171	109550	1	Standard
⌊	**Mn**	**55**	**6.666**	ug/L	0.024	0	899	331145	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	99571	0	KED
|	**Ni**	**60**	**0.967**	ug/L	0.060	6	25	1564	5	KED
|	**Ni**	**62**	**1.072**	ug/L	0.085	7	5	282	7	KED
|	**Cu**	**63**	**6.840**	ug/L	0.010	0	107	31596	0	KED
|	**Cu**	**65**	**6.901**	ug/L	0.089	1	48	15887	1	KED
|	**Zn**	**66**	**6.654**	ug/L	0.219	3	92	4729	3	KED
|	**Zn**	**67**	**6.294**	ug/L	0.316	5	10	738	5	KED
|	**As**	**75**	**0.086**	ug/L	0.016	18	3	31	16	KED
⌊	**Se**	**78**	**0.166**	ug/L	0.047	28	11	17	10	KED
	Y	**89**		ug/L			836014	814747	2	Standard
	Kr	**83**		ug/L			316	340	0	Standard
⌈>	**In-1**	**115**		ug/L			33237	28601	1	KED
|	**Mo**	**98**	**17.825**	ug/L	0.070	0	8	30192	1	KED
|	**Cd**	**111**	**0.011**	ug/L	0.004	31	3	7	19	KED
⌊	**Cd**	**114**	**0.016**	ug/L	0.003	20	3	19	16	KED
⌈>	**In**	**115**		ug/L			1657839	1669404	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	13	47	97	7	Standard
|	**Sb**	**121**	**0.198**	ug/L	0.006	3	406	5312	3	Standard
⌊	**Sb**	**123**	**0.209**	ug/L	0.001	0	347	4227	0	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3076814	0	Standard
⌊	**Pb**	**208**	**0.017**	ug/L	0.000	1	489	2779	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-01
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:09:52

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	67203	0	Standard
	Cl	**37**		ug/L			7747992	8236866	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1749419	0	Standard
|	**Cr**	**52**	**13.796**	ug/L	0.106	0	20470	456127	0	Standard
|	**Cr**	**53**	**15.315**	ug/L	0.021	0	171	55564	0	Standard
⌊	**Mn**	**55**	**5.016**	ug/L	0.063	1	899	248011	1	Standard
⌈>	**Ge**	**72**		ug/L			112412	100702	1	KED
|	**Ni**	**60**	**0.685**	ug/L	0.017	2	25	1127	3	KED
|	**Ni**	**62**	**0.662**	ug/L	0.042	6	5	178	6	KED
|	**Cu**	**63**	**6.896**	ug/L	0.063	0	107	32212	0	KED
|	**Cu**	**65**	**6.950**	ug/L	0.141	2	48	16178	0	KED
|	**Zn**	**66**	**5.082**	ug/L	0.065	1	92	3672	0	KED
|	**Zn**	**67**	**4.969**	ug/L	0.271	5	10	591	6	KED
|	**As**	**75**	**0.069**	ug/L	0.010	13	3	26	11	KED
⌊	**Se**	**78**	**0.187**	ug/L	0.047	25	11	18	12	KED
	Y	**89**		ug/L			836014	825608	0	Standard
	Kr	**83**		ug/L			316	361	3	Standard
⌈>	**In-1**	**115**		ug/L			33237	29632	1	KED
|	**Mo**	**98**	**16.649**	ug/L	0.225	1	8	29220	2	KED
|	**Cd**	**111**	**0.004**	ug/L	0.003	67	3	4	24	KED
⌊	**Cd**	**114**	**0.012**	ug/L	0.001	6	3	15	6	KED
⌈>	**In**	**115**		ug/L			1657839	1696157	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	35	47	71	10	Standard
|	**Sb**	**121**	**0.252**	ug/L	0.007	2	406	6762	1	Standard
⌊	**Sb**	**123**	**0.266**	ug/L	0.006	2	347	5373	3	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3092804	0	Standard
⌊	**Pb**	**208**	**0.010**	ug/L	0.000	2	489	1822	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-DUP1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Friday, June 25, 2021 23:14:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	64043	1	Standard
	Cl	**37**		ug/L			7747992	8287432	1	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1794834	1	Standard
|	**Cr**	**52**	**13.077**	ug/L	0.121	0	20470	444665	0	Standard
|	**Cr**	**53**	**14.460**	ug/L	0.267	1	171	53828	1	Standard
⌊	**Mn**	**55**	**4.810**	ug/L	0.097	2	899	243986	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	101371	1	KED
|	**Ni**	**60**	**35.111**	ug/L	0.063	0	25	57007	1	KED
|	**Ni**	**62**	**35.852**	ug/L	0.352	0	5	9454	1	KED
|	**Cu**	**63**	**6.655**	ug/L	0.088	1	107	31293	0	KED
|	**Cu**	**65**	**6.795**	ug/L	0.090	1	48	15926	0	KED
|	**Zn**	**66**	**5.116**	ug/L	0.121	2	92	3721	2	KED
|	**Zn**	**67**	**4.958**	ug/L	0.165	3	10	594	3	KED
|	**As**	**75**	**0.073**	ug/L	0.006	8	3	27	6	KED
⌊	**Se**	**78**	**0.138**	ug/L	0.023	16	11	16	4	KED
	Y	**89**		ug/L			836014	835655	0	Standard
	Kr	**83**		ug/L			316	360	11	Standard
⌈>	**In-1**	**115**		ug/L			33237	29703	2	KED
|	**Mo**	**98**	**16.264**	ug/L	0.300	1	8	28602	1	KED
|	**Cd**	**111**	**0.011**	ug/L	0.010	90	3	7	54	KED
⌊	**Cd**	**114**	**0.018**	ug/L	0.009	49	3	21	46	KED
⌈>	**In**	**115**		ug/L			1657839	1728569	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	28	47	66	7	Standard
|	**Sb**	**121**	**0.206**	ug/L	0.003	1	406	5710	1	Standard
⌊	**Sb**	**123**	**0.213**	ug/L	0.001	0	347	4453	0	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3138785	0	Standard
⌊	**Pb**	**208**	**0.010**	ug/L	0.000	4	489	1916	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:20:21

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	68361	2	Standard
	Cl	**37**		ug/L			7747992	8259266	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1778368	0	Standard
|	**Cr**	**52**	**37.007**	ug/L	0.374	1	20470	1208035	0	Standard
|	**Cr**	**53**	**39.448**	ug/L	0.528	1	171	145219	2	Standard
⌊	**Mn**	**55**	**28.748**	ug/L	0.097	0	899	1440501	0	Standard
⌈>	**Ge**	**72**		ug/L			112412	101438	1	KED
|	**Ni**	**60**	**26.222**	ug/L	0.294	1	25	42611	2	KED
|	**Ni**	**62**	**26.028**	ug/L	0.392	1	5	6868	0	KED
|	**Cu**	**63**	**31.751**	ug/L	0.339	1	107	149047	0	KED
|	**Cu**	**65**	**31.664**	ug/L	0.437	1	48	74110	1	KED
|	**Zn**	**66**	**78.663**	ug/L	0.994	1	92	56059	2	KED
|	**Zn**	**67**	**73.617**	ug/L	1.183	1	10	8694	2	KED
|	**As**	**75**	**25.525**	ug/L	0.235	0	3	8773	1	KED
⌊	**Se**	**78**	**78.601**	ug/L	2.092	2	11	3216	3	KED
	Y	**89**		ug/L			836014	832933	0	Standard
	Kr	**83**		ug/L			316	344	2	Standard
⌈>	**In-1**	**115**		ug/L			33237	29686	0	KED
|	**Mo**	**98**	**16.839**	ug/L	0.141	0	8	29605	0	KED
|	**Cd**	**111**	**24.634**	ug/L	0.242	0	3	10297	1	KED
⌊	**Cd**	**114**	**24.379**	ug/L	0.273	1	3	26153	0	KED
⌈>	**In**	**115**		ug/L			1657839	1714406	0	Standard
|	**Ag**	**107**	**23.346**	ug/L	0.403	1	47	521116	1	Standard
|	**Sb**	**121**	**0.244**	ug/L	0.003	1	406	6614	0	Standard
⌊	**Sb**	**123**	**0.256**	ug/L	0.003	1	347	5229	1	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3118551	0	Standard
⌊	**Pb**	**208**	**23.674**	ug/L	0.059	0	489	3179946	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, June 25, 2021 23:28:06

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28448	31730	2	Standard
	Cl	**37**		ug/L			7747992	8904877	0	Standard
⌈>	**Sc**	**45**		ug/L			1714902	1873558	2	Standard
|	**Cr**	**52**	**0.156**	ug/L	0.017	11	20470	27612	0	Standard
|	**Cr**	**53**	**0.057**	ug/L	0.002	3	171	407	4	Standard
⌊	**Mn**	**55**	**0.012**	ug/L	0.001	9	899	1624	4	Standard
⌈>	**Ge**	**72**		ug/L			112412	118476	2	KED
|	**Ni**	**60**	**0.010**	ug/L	0.003	35	25	45	13	KED
|	**Ni**	**62**	**0.019**	ug/L	0.009	44	5	12	24	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.002	377	107	110	12	KED
|	**Cu**	**65**	**-0.003**	ug/L	0.003	111	48	43	22	KED
|	**Zn**	**66**	**0.029**	ug/L	0.004	13	92	121	5	KED
|	**Zn**	**67**	**0.046**	ug/L	0.034	73	10	17	26	KED
|	**As**	**75**	**-0.002**	ug/L	0.002	113	3	2	39	KED
⌊	**Se**	**78**	**0.016**	ug/L	0.047	287	11	13	18	KED
	Y	**89**		ug/L			836014	891924	2	Standard
	Kr	**83**		ug/L			316	349	13	Standard
⌈>	**In-1**	**115**		ug/L			33237	35014	1	KED
|	**Mo**	**98**	**-0.002**	ug/L	0.002	160	8	5	93	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.005	213	3	2	107	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	120	3	2	47	KED
⌈>	**In**	**115**		ug/L			1657839	1879182	4	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.000	160	47	59	12	Standard
|	**Sb**	**121**	**-0.012**	ug/L	0.001	6	406	126	12	Standard
⌊	**Sb**	**123**	**-0.015**	ug/L	0.000	1	347	83	2	Standard
⌈>	**Tb**	**159**		ug/L			2980787	3205893	2	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	1477	489	529	9	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EF00079
Instrument: ICPMS1
Calibration Date: 06/28/2021 14:16

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cadmium-111	0	0	0.1	510	10	505	20	496.65	50	490.9	100	471.39
Cadmium-114	0	0	0.1	1300	10	1307.8	20	1277.85	50	1257.04	100	1228.71
Copper-63	0	0	0.5	5908	10	5727.8	20	5584.6	50	5472.38	100	5193.48
Copper-65	0	0	0.5	2840	10	2895.9	20	2782.9	50	2696.34	100	2583.06
Zinc-66	0	0	6	872.6667	10	875	20	880.75	50	828.52	100	788.69
Zinc-67	0	0	6	135.8333	10	142.9	20	144.8	50	134.34	100	129.03
Cadmium-111, Dissolved	0	0	0.1	510	10	505	20	496.65	50	490.9	100	471.39
Cadmium-114, Dissolved	0	0	0.1	1300	10	1307.8	20	1277.85	50	1257.04	100	1228.71
Copper-63, Dissolved	0	0	0.5	5908	10	5727.8	20	5584.6	50	5472.38	100	5193.48
Copper-65, Dissolved	0	0	0.5	2840	10	2895.9	20	2782.9	50	2696.34	100	2583.06
Zinc-66, Dissolved	0	0	6	872.6667	10	875	20	880.75	50	828.52	100	788.69
Zinc-67, Dissolved	0	0	6	135.8333	10	142.9	20	144.8	50	134.34	100	129.03

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EF00079	Instrument:	ICPMS1
Calibration Date:	06/28/2021 14:16		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Cadmium-111	412.3233	49.1	0.9996		0.998	
Cadmium-114	1061.9	49.1	0.9998		0.998	
Copper-63	4647.71	49.3	0.9992		0.998	
Copper-65	2299.7	49.2	0.9994		0.998	
Zinc-66	707.6044	49.2	0.9992		0.998	
Zinc-67	114.4839	49.2	0.9992		0.998	
Cadmium-111, Dissolved	412.3233	49.1	0.9996		0.998	
Cadmium-114, Dissolved	1061.9	49.1	0.9998		0.998	
Copper-63, Dissolved	4647.71	49.3	0.9992		0.998	
Copper-65, Dissolved	2299.7	49.2	0.9994		0.998	
Zinc-66, Dissolved	707.6044	49.2	0.9992		0.998	
Zinc-67, Dissolved	114.4839	49.2	0.9992		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 4/28/21 **Analyst:** MS **Sequence:** 5JF0401 **Cal:** EF000079

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	SEQ-CAL1			
		-CAL2			
		-CAL3			
		-CAL4			
		-CAL5			
		-CAL6			Ge noisy
	↓	-IBL1	—		
		SEQ-CAL1	J6715		
		-CAL2	J6763		
		-CAL3	J6764		
		-CAL4	J6765		
		-CAL5	J6716		
		-CAL6	J6766		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J6715		
		-CCV1	J6716		
		-CCB1	J6715		
		-CRL1	J6763		
		-IFA1	J576b		V-1, Cr^{53}↑
	✓	-IFB1	—		↓/K↓
		-HCV1	J6678		Ag, Ba^{137}↓ - Ag, Ba < 100
		-HCV2	J6294		↓
		-IBL2	—		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted. MB 6/28/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-~~IB~~IFB1	J5761		V-1, Cr53 ↑
		-IBL&3	—		
		-IBL4	—		
		-CCV2			Ba137 ↓ - No Ba all run
		-CCB2			
		BJF0520-BLK2	REN		Ca, K, Mg, Na only
		-BS2			↓
		BJF0556-BLK2			Al, Ca, K, Mg, Na only
		-BS2			↓
		21F0359-01			Zn ↑ Zn NR
		21F0242-01			
		21F0379-01			Zn ↑ Zn NR
		-0IRE1		5	Zn only
		21F0359-0IRE1	↓	↓	↓
		SEQ-IBL5			(In+ noisy)
		-CCV3			
		-CCB3			
		BJF0654-BLK2	REN		Ca, Fe, K, Mg, ~~Na~~ only
		-BS2			↓
		BJF0655-BLK3			
		-BS3			
		21F0123-19			Li, Sc, In, Tb SI. noisy %R + Analytes OK
		-05			Ca ↑ Al, K, Mg only
		BJF0556-DUP2	↓		↓ ↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJFΦ556-MS2	REN		Ca↑/(Mg %R↓ (74.8 %R)) Al, K, Mg only
		↓ -MSD2	↓		↓ ↓
		SEQ-IBL6			
		-CCV4			Na, Ba↓
		-CCB4			
	✓	-CAL1			
		-CCV5			Na, Ba↓
		↓ -CCB5			
		21FΦ346-Φ4	REN	2	In↓ -Not Needed
		-Φ1			Sc, Ge, In^{+1}, In↓ Pb only
		↓ -Φ2			↓ ↓
		21FΦ344-Φ4			Li↑ -Not Needed
		-Φ3			
		-Φ2			
		↓ -Φ1			Mo NR/No Ni, Mn
		BJFΦ657-DUP1			/Ni 0.4 SD
		↓ -MS1	↓		↓ ↓ ↓
		SEQ-IBL7			(Fe^{+7}↑)
		-CCV6			Na, Mg, Al, K, Ca, Fe^{54}, Mn, Ba↓
		↓ -CCB6			
	✓	21FΦ130-4Φ	REN		
	✓	21FΦ123-2Φ			
	✓	-36			
	✓	↓ -41	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	21FΦ123-42	REN		Ca↑
	✓	21FΦ139-Φ2	↓	5	
	✓	BJFΦ52Φ-DUP3	↓	↓	
	✓	↓ -MS3	↓	↓	
	✓	↓ -MSD3	↓	↓	
		SEQ-IBL8			
		↓ -CCV7			Na, Mg, Al, Ba ↓
		↓ -CCB7			
		21FΦ13Φ-Φ8	REN		Ca, Fe, K only
		↓ -12	↓		↓
		-23	↓		
		-25	↓		
		-27	↓		
		↓ -Φ5	↓	5	Ca, K, Mn only
		BJFΦ52Φ-DUP4	↓	↑	↓
		↓ -MS4	↓	↓	Mn STL ↓
		↓ -MSD4	↓	↓	↓
		SEQ-IBL9			
		↓ -CCV8			Na, Mg, Al, Ba ↓
		↓ -CCB8			
		21FΦ13Φ-31	REN		Ca, Fe, K only
		↓ -37	↓		↓
		↓ -54	↓		↓
		↓ -43	↓	2	Ca, Fe, Mn, Zn ↑ / Cd, Cu, K Pb only / Ca, Fe, Zn NR

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLA			
		21FΦ123-Φ1	REN		Ca, Fe, K only
		BJFΦ655-DUP2	↓		↓
		-MS2	↓		↓
		-MSD2	↓		↓
		SEQ-IBLB			
		-CCV9			Na, Mg, Al, Ba ↓
		-CCB9			
		21FΦ123-22	REN		Ca, Fe, K only
		-25	↓		Ca ↑ Fe, K only
		-28	↓		↓ ↓
		-29	↓		Ca, Fe, K only
		-3Φ	↓		↓
		-31	↓		↓
		-32	↓		Ca ↑ Fe, K only
		-33	↓		Ca, Fe, K only
		-35	↓		↓
		SEQ-IBLC			
		-CCVA			Na, Mg, Al, Ba ↓
		-CCBA			
	✓	-CAL1			
		-CCVB			Na, Mg, Al, Ba ↓
		-CCBB			
	✓	21FΦ123-37	REN		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MS **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	21FΦ123-38	REN		
		-39			
		-4Φ			
		-Φ3			Ca↑
		-Φ4			↓
		-Φ6			
		-Φ7			
		-Φ8			
		SEQ-IBLD			AS Error - Break in analysis
		-CAL1			Multiple analytes removed from method
		-CCVE			Na↓
		-CCBC			
		21FΦ123-Φ9	REN		Ca,K,Fe only
		-1Φ			Ca↑ K,Fe only
		-13			↓ ↓
		-11		10	Ca,K,Fe,Zn only
		-14			Ca,K,Fe only
		-18			Ca,K,Fe,Zn only
		BJFΦ654-DUP2			
		-MS2			Fe,Zn STL
		-MSD2			↓ ↓
		SEQ-IBLE			
		-CCVD			Na,Mg,Al,Mn↓
		-CCBD			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 6/28/21 **Analyst:** MS **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21F0123-34	REN	2	Ca↑ Fe,K only
		-21	↓	↓	Ca,Fe,K,Zn only
		-23	↓	↓	Ca,Mn,Zn↑/ Fe,K only / Ca NR
		SEQ-IBLF			
		21FΦ123-Φ2	REN	5	Ca,Fe,K,Zn only
		-12	↓	↓	Ca,Fe,K only
		-16	↓	↓	↓
		-24	↓	↓	↓
		-15	↓	10	Ca,Fe,K,Zn only
		SEQ-IBLG			
		-CCVE			Na,Mg,Al,Mn↓/Pb↑
		-CCBE			
		21FΦ123-17	REN	10	Sc noisy Cd,Cu,Zn only
		-26	↓	↓	Ca,Fe,K only
		-27	↓	↓	↓
		-23RE1	↓	50	Ca only
		21FΦ13Φ-43RE1	↓	20	Ca,Fe,Zn only
		21FΦ245-Φ4	SWN	↓	Cd,Pb only
		-Φ5	↓	↓	↓
		-Φ6	↓	↓	In noisy/In↓ Pb only
		SEQ-IBLH			
		-CCVF			Na,Al,Mn↓/Pb↑
		-CCBF			
		Rinse/DI			

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, June 28, 2021 12:30:28
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11071
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	12154.0	12153.968	114.939	0.9	Standard
	In	114.9	164792.6	-1493046.769	827.826	0.1	Standard
	U	238.1	217985.4	217985.400	6459.098	3.0	Standard
⌈	CeO	155.9	3827.1	0.021	0.000	2.0	Standard
| >	Ce	139.9	184623.8	184623.778	1868.933	1.0	Standard
⌊	Ce++	70.0	2333.1	0.013	0.000	1.7	Standard
	Bkgd	220.0	1.4	1.400	1.146	81.9	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, June 28, 2021 12:39:35
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11078
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	11488.2	11488.153	258.292	2.2	Standard
	In	114.9	159853.2	159853.214	1908.837	1.2	Standard
	U	238.1	234619.3	234619.337	1678.055	0.7	Standard
⌈	CeO	155.9	4192.7	0.022	0.001	2.3	Standard
| >	Ce	139.9	190720.8	190720.754	950.242	0.5	Standard
⌊	Ce++	70.0	2356.6	0.012	0.000	1.6	Standard
	Bkgd	220.0	0.9	0.933	0.303	32.4	Standard

Current Conditions File Data

Current Value	Description
0.96	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.96	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 6/28/2021 12:30:26 PM
End Time: 6/28/2021 12:41:39 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 12153.97
Obtained Intensity (In 115): 164792.58
Obtained Intensity (U 238): 217985.40
Obtained Intensity (Bkgd 220): 1.40
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2333.06 / 184623.78)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=3827.11 / 184623.78)
Obtained RSD (Be 9): 0.0095
Obtained RSD (In 115): 0.0006
Obtained RSD (U 238): 0.0296

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.76 mm	-0.33 mm	176506.72

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.96
Obtained Intensity (In 115): 173804.89
Obtained Formula (CeO 156 / Ce 140): 0.0229 (=4481.70 / 196010.54)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.691)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.709)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.705)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.998; Intercept = -13.19

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -13.69

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 11488.15
Obtained Intensity (In 115): 159853.21
Obtained Intensity (U 238): 234619.34
Obtained Intensity (Bkgd 220): 0.93
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=2356.59 / 190720.75)
Obtained Formula (CeO 156 / Ce 140): 0.022 (=4192.75 / 190720.75)
Obtained RSD (Be 9): 0.0225
Obtained RSD (In 115): 0.0119
Obtained RSD (U 238): 0.0072

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 6/28/2021 12:30:26 PM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 12153.97
		Obtained Intensity (In 115): 164792.58
		Obtained Intensity (U 238): 217985.40
		Obtained Intensity (Bkgd 220): 1.40
		Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=2333.06 / 184623.78)
		Obtained Formula (CeO 156 / Ce 140): 0.021 (=3827.11 / 184623.78)
		Obtained RSD (Be 9): 0.0095
		Obtained RSD (In 115): 0.0006
		Obtained RSD (U 238): 0.0296

[Passed] Optimum value(s): N/A

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:
		Vertical	Horizontal	Intensity
[Passed]	2.76 mm	-0.33 mm	176506.72

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.95/0.99/0.005.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.023

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 173804.89
		Obtained Formula (CeO 156 / Ce 140): 0.0229 (=4481.70 / 196010.54)
[Passed] Optimum value(s): 0.96

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.693)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.692)
		Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.698)
		Target/Obtained mass (238.05/238.125), Target/Obtained resolution (0.7/0.706) - <Target not achieved>
		[Failed]
	Retry 1
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.691)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.709)
		Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
		Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.705)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.998; Intercept = -13.19

	Analyte	Mass	Points	DAC	MaxIntensity

		Li	7	41	-13.5	42033.7
		Mg	24	41	-14	58543.7
		In	115	41	-12	173507
		Ce	140	41	-11.5	195703
		Pb	208	41	-10.5	129896
		U	238	41	-10.5	247929

KED Mode QID
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.999; Intercept = -13.69

	Analyte	Mass	Points	DAC	MaxIntensity

		Li	7	41	-13.5	28592.6
		Mg	24	41	-13	59503.7
		In	115	41	-11	166998
		Ce	140	41	-10.5	143093
		Pb	208	41	-10	81616.5
		U	238	41	-10	166679

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 11488.15
		Obtained Intensity (In 115): 159853.21
		Obtained Intensity (U 238): 234619.34
		Obtained Intensity (Bkgd 220): 0.93
		Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=2356.59 / 190720.75)
		Obtained Formula (CeO 156 / Ce 140): 0.022 (=4192.75 / 190720.75)
		Obtained RSD (Be 9): 0.0225
		Obtained RSD (In 115): 0.0119
		Obtained RSD (U 238): 0.0072

[Passed] Optimum value(s): N/A

End Time: 6/28/2021 12:41:39 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 13:32:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L				1335457	1	Standard
	Be	9		ug/L				2	114	Standard
	C	13		ug/L				27070	2	Standard
	Cl	37		ug/L				8432373	0	Standard
>	Sc	45		ug/L				1480691	1	Standard
	Na	23		ug/L				19280	1	Standard
	Mg	24		ug/L				4910	2	Standard
	Al	27		ug/L				32817	4	Standard
	K	39		ug/L				1087342	1	Standard
	Ca	44		ug/L				24378	0	Standard
	V	51		ug/L				7706	1	Standard
	V-1	51		ug/L				600	1	Standard
	Cr	52		ug/L				23373	0	Standard
	Cr	53		ug/L				368	9	Standard
	Fe	54		ug/L				110438	1	Standard
	Fe	57		ug/L				29397	0	Standard
	Mn	55		ug/L				1566	6	Standard
>	Ge	72		ug/L				107671	2	KED
	Co	59		ug/L				9	52	KED
	Ni	60		ug/L				328	3	KED
	Ni	62		ug/L				48	6	KED
	Cu	63		ug/L				175	10	KED
	Cu	65		ug/L				86	20	KED
	Zn	66		ug/L				292	5	KED
	Zn	67		ug/L				45	21	KED
	As	75		ug/L				4	12	KED
	Se	78		ug/L				16	19	KED
	Y	89		ug/L				836428	0	Standard
	Kr	83		ug/L				363	7	Standard
>	In-1	115		ug/L				35495	0	KED
	Mo	98		ug/L				34	16	KED
	Cd	111		ug/L				2	66	KED
	Cd	114		ug/L				3	53	KED
>	In	115		ug/L				1478885	1	Standard
	Ag	107		ug/L				157	3	Standard
	Ba	135		ug/L				107	17	Standard
	Ba	137		ug/L				184	9	Standard
>	Tb	159		ug/L				2862808	0	Standard
	Tl	205		ug/L				113	3	Standard
	Pb	208		ug/L				1222	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 13:36:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1335457	1320072	1	Standard
	Be	**9**	**0.200**	ug/L	0.002	1	2	1635	1	Standard
	C	**13**		ug/L			27070	29590	1	Standard
	Cl	**37**		ug/L			8432373	8409415	0	Standard
>	**Sc**	**45**		ug/L			1480691	1453064	1	Standard
	Na	**23**	**100.000**	ug/L	0.442	0	19280	2749469	0	Standard
	Mg	**24**	**20.000**	ug/L	0.265	1	4910	641823	2	Standard
	Al	**27**	**20.000**	ug/L	0.191	0	32817	596966	1	Standard
	K	**39**	**20.000**	ug/L	0.724	3	1087342	1700148	0	Standard
	Ca	**44**	**50.000**	ug/L	0.596	1	24378	87283	1	Standard
	V	**51**	**0.200**	ug/L	0.000	0	7706	14229	1	Standard
	V-1	**51**	**0.200**	ug/L	0.001	0	600	7507	0	Standard
	Cr	**52**	**0.500**	ug/L	0.010	2	23373	37283	1	Standard
	Cr	**53**	**0.500**	ug/L	0.007	1	368	2063	2	Standard
	Fe	**54**	**36.000**	ug/L	0.530	1	110438	212303	1	Standard
	Fe	**57**	**36.000**	ug/L	1.112	3	29397	65292	2	Standard
	Mn	**55**	**0.500**	ug/L	0.007	1	1566	24354	2	Standard
>	**Ge**	**72**		ug/L			107671	110851	1	KED
	Co	**59**	**0.200**	ug/L	0.010	5	9	1393	4	KED
	Ni	**60**	**0.500**	ug/L	0.020	3	328	1044	2	KED
	Ni	**62**	**0.500**	ug/L	0.063	12	48	194	8	KED
	Cu	**63**	**0.500**	ug/L	0.014	2	175	3035	2	KED
	Cu	**65**	**0.500**	ug/L	0.028	5	86	1549	6	KED
	Zn	**66**	**6.000**	ug/L	0.121	2	292	5468	0	KED
	Zn	**67**	**6.000**	ug/L	0.288	4	45	831	3	KED
	As	**75**	**0.200**	ug/L	0.005	2	4	88	2	KED
	Se	**78**	**0.500**	ug/L	0.036	7	16	42	5	KED
	Y	**89**		ug/L			836428	825112	1	Standard
	Kr	**83**		ug/L			363	396	1	Standard
>	**In-1**	**115**		ug/L			35495	33563	0	KED
	Mo	**98**	**0.200**	ug/L	0.012	6	34	444	5	KED
	Cd	**111**	**0.100**	ug/L	0.013	12	2	53	12	KED
	Cd	**114**	**0.100**	ug/L	0.018	17	3	152	17	KED
>	**In**	**115**		ug/L			1478885	1442126	2	Standard
	Ag	**107**	**0.200**	ug/L	0.003	1	157	4495	3	Standard
	Ba	**135**	**0.500**	ug/L	0.029	5	107	4326	4	Standard
	Ba	**137**	**0.500**	ug/L	0.027	5	184	7796	2	Standard
>	**Tb**	**159**		ug/L			2862808	2843848	2	Standard
	Tl	**205**	**0.200**	ug/L	0.001	0	113	21692	1	Standard
	Pb	**208**	**0.100**	ug/L	0.001	1	1222	15958	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 13:41:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1335457	1324931	2	Standard
	Be	9	10.000	ug/L	0.294	2	2	83251	3	Standard
	C	13		ug/L			27070	34533	0	Standard
	Cl	37		ug/L			8432373	8809549	1	Standard
>	Sc	45		ug/L			1480691	1484723	1	Standard
	Na	23	999.997	ug/L	1.908	0	19280	27912916	1	Standard
	Mg	24	1000.008	ug/L	5.495	0	4910	33252957	1	Standard
	Al	27	1000.026	ug/L	14.530	1	32817	30875523	1	Standard
	K	39	999.997	ug/L	21.122	2	1087342	33207646	2	Standard
	Ca	44	1000.044	ug/L	7.489	0	24378	1342688	1	Standard
	V	51	10.000	ug/L	0.088	0	7706	361839	1	Standard
	V-1	51	10.000	ug/L	0.086	0	600	360201	1	Standard
	Cr	52	10.001	ug/L	0.098	0	23373	334740	0	Standard
	Cr	53	10.001	ug/L	0.088	0	368	37301	2	Standard
	Fe	54	1000.086	ug/L	6.433	0	110438	3269877	0	Standard
	Fe	57	1000.076	ug/L	5.415	0	29397	1128174	1	Standard
	Mn	55	10.001	ug/L	0.039	0	1566	485649	1	Standard
>	Ge	72		ug/L			107671	110867	1	KED
	Co	59	10.000	ug/L	0.130	1	9	70771	0	KED
	Ni	60	10.008	ug/L	0.095	0	328	20696	2	KED
	Ni	62	10.003	ug/L	0.263	2	48	3376	3	KED
	Cu	63	10.001	ug/L	0.090	0	175	59918	1	KED
	Cu	65	10.001	ug/L	0.021	0	86	30031	1	KED
	Zn	66	10.072	ug/L	0.191	1	292	9155	0	KED
	Zn	67	10.325	ug/L	0.496	4	45	1531	3	KED
	As	75	10.000	ug/L	0.130	1	4	4302	0	KED
	Se	78	10.000	ug/L	0.312	3	16	537	4	KED
	Y	89		ug/L			836428	841063	1	Standard
	Kr	83		ug/L			363	370	6	Standard
>	In-1	115		ug/L			35495	33260	0	KED
	Mo	98	10.000	ug/L	0.069	0	34	21415	0	KED
	Cd	111	10.000	ug/L	0.097	0	2	5350	0	KED
	Cd	114	10.000	ug/L	0.172	1	3	13783	2	KED
>	In	115		ug/L			1478885	1463226	2	Standard
	Ag	107	10.000	ug/L	0.050	0	157	230905	1	Standard
	Ba	135	10.001	ug/L	0.086	0	107	88508	3	Standard
	Ba	137	10.001	ug/L	0.044	0	184	159241	2	Standard
>	Tb	159		ug/L			2862808	2895012	1	Standard
	Tl	205	10.000	ug/L	0.045	0	113	1114951	2	Standard
	Pb	208	10.000	ug/L	0.132	1	1222	1480774	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 13:46:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1335457	1350378	1	Standard
⌊	**Be**	**9**	**19.863**	ug/L	0.136	0	2	164063	1	Standard
	C	**13**		ug/L			27070	33224	1	Standard
	Cl	**37**		ug/L			8432373	9141805	0	Standard
⌈>	**Sc**	**45**		ug/L			1480691	1495117	1	Standard
⌈	**Na**	**23**	**1984.243**	ug/L	30.349	1	19280	54059026	0	Standard
⌊	**Mg**	**24**	**1999.266**	ug/L	50.220	2	4910	66823482	0	Standard
⌈	**Al**	**27**	**1986.267**	ug/L	28.774	1	32817	60065876	1	Standard
⌊	**K**	**39**	**1987.692**	ug/L	26.449	1	1087342	63828942	1	Standard
⌈	**Ca**	**44**	**1995.467**	ug/L	36.410	1	24378	2649283	1	Standard
⌊	**V**	**51**	**19.942**	ug/L	0.334	1	7706	710741	1	Standard
⌈	**V-1**	**51**	**19.916**	ug/L	0.257	1	600	709875	1	Standard
⌊	**Cr**	**52**	**19.952**	ug/L	0.084	0	23373	643172	2	Standard
⌈	**Cr**	**53**	**19.870**	ug/L	0.261	1	368	72401	2	Standard
⌈	**Fe**	**54**	**1986.065**	ug/L	11.371	0	110438	6258091	1	Standard
⌊	**Fe**	**57**	**1995.897**	ug/L	9.728	0	29397	2219838	2	Standard
⌊	**Mn**	**55**	**19.865**	ug/L	0.064	0	1566	944391	1	Standard
⌈>	**Ge**	**72**		ug/L			107671	108410	0	KED
⌈	**Co**	**59**	**19.971**	ug/L	0.119	0	9	137397	0	KED
⌊	**Ni**	**60**	**20.026**	ug/L	0.081	0	328	40366	0	KED
⌈	**Ni**	**62**	**20.007**	ug/L	0.418	2	48	6564	2	KED
⌊	**Cu**	**63**	**19.981**	ug/L	0.168	0	175	116446	0	KED
⌈	**Cu**	**65**	**19.977**	ug/L	0.183	0	86	58307	0	KED
⌈	**Zn**	**66**	**20.228**	ug/L	0.561	2	292	18287	2	KED
⌊	**Zn**	**67**	**20.336**	ug/L	0.561	2	45	3054	2	KED
⌈	**As**	**75**	**20.000**	ug/L	0.461	2	4	8411	2	KED
⌊	**Se**	**78**	**19.874**	ug/L	0.506	2	16	1002	2	KED
	Y	**89**		ug/L			836428	827701	1	Standard
	Kr	**83**		ug/L			363	398	4	Standard
⌈>	**In-1**	**115**		ug/L			35495	32052	0	KED
⌈	**Mo**	**98**	**20.037**	ug/L	0.075	0	34	41628	0	KED
⌊	**Cd**	**111**	**19.972**	ug/L	0.074	0	2	10238	0	KED
⌊	**Cd**	**114**	**20.017**	ug/L	0.253	1	3	26674	0	KED
⌈>	**In**	**115**		ug/L			1478885	1477479	3	Standard
⌈	**Ag**	**107**	**19.821**	ug/L	0.474	2	157	445845	0	Standard
⌊	**Ba**	**135**	**19.913**	ug/L	0.958	4	107	174639	3	Standard
⌊	**Ba**	**137**	**19.851**	ug/L	0.543	2	184	309630	1	Standard
⌈>	**Tb**	**159**		ug/L			2862808	2873187	1	Standard
⌈	**Tl**	**205**	**19.904**	ug/L	0.145	0	113	2160797	1	Standard
⌊	**Pb**	**208**	**19.957**	ug/L	0.274	1	1222	2907118	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments: DEL
Sample Date/Time: Monday, June 28, 2021 13:51:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1335457	1295030	1	Standard
	Be	9	50.229	ug/L	0.381	0	2	407203	1	Standard
	C	13		ug/L			27070	27780	1	Standard
	Cl	37		ug/L			8432373	9314593	1	Standard
>	Sc	45		ug/L			1480691	1442304	0	Standard
	Na	23	5019.234	ug/L	45.801	0	19280	134480782	0	Standard
	Mg	24	4994.865	ug/L	112.354	2	4910	160244818	1	Standard
	Al	27	5009.392	ug/L	28.661	0	32817	147491822	1	Standard
	K	39	5004.662	ug/L	142.727	2	1087342	154130210	1	Standard
	Ca	44	5012.584	ug/L	71.392	1	24378	6465504	0	Standard
	V	51	50.199	ug/L	0.035	0	7706	1749308	0	Standard
	V-1	51	50.189	ug/L	0.215	0	600	1758308	1	Standard
	Cr	52	50.142	ug/L	0.781	1	23373	1546159	0	Standard
	Cr	53	50.114	ug/L	0.181	0	368	177594	0	Standard
	Fe	54	4989.017	ug/L	52.522	1	110438	14840695	0	Standard
	Fe	57	4993.636	ug/L	18.831	0	29397	5280969	0	Standard
	Mn	55	50.106	ug/L	0.250	0	1566	2320168	1	Standard
>	Ge	72		ug/L			107671	107042	1	KED
	Co	59	50.018	ug/L	0.830	1	9	340358	1	KED
	Ni	60	49.913	ug/L	0.465	0	328	98015	2	KED
	Ni	62	49.744	ug/L	1.135	2	48	15644	2	KED
	Cu	63	49.791	ug/L	0.181	0	175	280394	0	KED
	Cu	65	49.699	ug/L	0.523	1	86	138935	2	KED
	Zn	66	49.699	ug/L	0.173	0	292	42752	1	KED
	Zn	67	49.413	ug/L	0.508	1	45	6889	1	KED
	As	75	49.891	ug/L	0.484	0	4	20485	0	KED
	Se	78	49.845	ug/L	1.027	2	16	2421	1	KED
	Y	89		ug/L			836428	815462	0	Standard
	Kr	83		ug/L			363	336	1	Standard
>	In-1	115		ug/L			35495	31328	1	KED
	Mo	98	50.181	ug/L	0.560	1	34	103725	0	KED
	Cd	111	50.019	ug/L	0.580	1	2	25103	0	KED
	Cd	114	49.896	ug/L	1.525	3	3	64305	2	KED
>	In	115		ug/L			1478885	1441286	1	Standard
	Ag	107	49.891	ug/L	0.861	1	157	1083389	3	Standard
	Ba	135	49.991	ug/L	0.593	1	107	427470	1	Standard
	Ba	137	50.075	ug/L	0.357	0	184	767792	1	Standard
>	Tb	159		ug/L			2862808	2825924	0	Standard
	Tl	205	49.682	ug/L	0.698	1	113	5141472	1	Standard
	Pb	208	49.769	ug/L	0.535	1	1222	6968111	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 13:58:46

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1335457	1283628	1	Standard
	Be	9	99.919	ug/L	1.111	1	2	800695	1	Standard
	C	13		ug/L			27070	32645	0	Standard
	Cl	37		ug/L			8432373	9306256	0	Standard
>	Sc	45		ug/L			1480691	1393699	0	Standard
	Na	23	10041.818	ug/L	320.575	3	19280	263649307	3	Standard
	Mg	24	10008.938	ug/L	100.835	1	4910	311247486	0	Standard
	Al	27	10025.271	ug/L	274.063	2	32817	287612676	2	Standard
	K	39	10014.509	ug/L	213.443	2	1087342	298486211	2	Standard
	Ca	44	9979.678	ug/L	56.631	0	24378	12333304	0	Standard
	V	51	100.286	ug/L	1.798	1	7706	3402033	1	Standard
	V-1	51	100.305	ug/L	1.607	1	600	3429794	1	Standard
	Cr	52	100.181	ug/L	1.101	1	23373	2981133	1	Standard
	Cr	53	100.244	ug/L	0.278	0	368	345745	0	Standard
	Fe	54	10008.350	ug/L	90.570	0	110438	28744621	0	Standard
	Fe	57	10034.359	ug/L	152.337	1	29397	10344473	1	Standard
	Mn	55	99.667	ug/L	0.728	0	1566	4409073	0	Standard
>	Ge	72		ug/L			107671	95470	12	KED
	Co	59	102.134	ug/L	12.433	12	9	660773	1	KED
	Ni	60	101.802	ug/L	12.668	12	328	187422	1	KED
	Ni	62	102.013	ug/L	12.371	12	48	30318	1	KED
	Cu	63	101.681	ug/L	12.963	12	175	535242	0	KED
	Cu	65	101.441	ug/L	12.750	12	86	262865	0	KED
	Zn	66	101.547	ug/L	11.758	11	292	81023	1	KED
	Zn	67	101.328	ug/L	13.100	12	45	12993	1	KED
	As	75	102.177	ug/L	12.509	12	4	39941	1	KED
	Se	78	101.895	ug/L	12.213	11	16	4651	1	KED
	Y	89		ug/L			836428	784190	1	Standard
	Kr	83		ug/L			363	349	13	Standard
>	In-1	115		ug/L			35495	29788	0	KED
	Mo	98	100.860	ug/L	1.321	1	34	204053	0	KED
	Cd	111	100.406	ug/L	1.582	1	2	48570	0	KED
	Cd	114	100.642	ug/L	1.611	1	3	126038	0	KED
>	In	115		ug/L			1478885	1357727	0	Standard
	Ag	107	100.113	ug/L	2.165	2	157	2055182	1	Standard
	Ba	135	101.345	ug/L	0.801	0	107	854635	0	Standard
	Ba	137	101.214	ug/L	0.800	0	184	1523446	0	Standard
>	Tb	159		ug/L			2862808	2744461	1	Standard
	Tl	205	100.079	ug/L	0.858	0	113	10083830	0	Standard
	Pb	208	99.431	ug/L	1.414	1	1222	13265629	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 14:06:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1335457	1342237	1	Standard
	Be	**9**	**0.000**	ug/L	0.000	60	2	5	33	Standard
	C	**13**		ug/L			27070	27008	1	Standard
	Cl	**37**		ug/L			8432373	8789309	0	Standard
>	**Sc**	**45**		ug/L			1480691	1450777	3	Standard
	Na	**23**	**0.120**	ug/L	0.034	28	19280	22143	1	Standard
	Mg	**24**	**-0.050**	ug/L	0.004	7	4910	3179	1	Standard
	Al	**27**	**-0.926**	ug/L	0.005	0	32817	4498	4	Standard
	K	**39**	**3.271**	ug/L	0.953	29	1087342	1165875	1	Standard
	Ca	**44**	**-2.790**	ug/L	0.616	22	24378	20287	1	Standard
	V	**51**	**-0.013**	ug/L	0.000	3	7706	7086	3	Standard
	V-1	**51**	**-0.003**	ug/L	0.001	34	600	493	8	Standard
	Cr	**52**	**-0.064**	ug/L	0.004	6	23373	20925	2	Standard
	Cr	**53**	**-0.029**	ug/L	0.000	0	368	256	3	Standard
	Fe	**54**	**-2.999**	ug/L	0.995	33	110438	99217	1	Standard
	Fe	**57**	**-5.839**	ug/L	0.617	10	29397	22539	1	Standard
	Mn	**55**	**-0.017**	ug/L	0.001	5	1566	763	2	Standard
>	**Ge**	**72**		ug/L			107671	105181	1	KED
	Co	**59**	**0.000**	ug/L	0.001	3374	9	9	72	KED
	Ni	**60**	**-0.151**	ug/L	0.001	0	328	11	16	KED
	Ni	**62**	**-0.123**	ug/L	0.009	7	48	6	45	KED
	Cu	**63**	**-0.014**	ug/L	0.004	28	175	91	26	KED
	Cu	**65**	**-0.015**	ug/L	0.002	15	86	41	16	KED
	Zn	**66**	**-0.283**	ug/L	0.008	2	292	35	20	KED
	Zn	**67**	**-0.242**	ug/L	0.067	27	45	10	94	KED
	As	**75**	**0.003**	ug/L	0.004	121	4	5	30	KED
	Se	**78**	**0.018**	ug/L	0.050	280	16	16	13	KED
	Y	**89**		ug/L			836428	815593	1	Standard
	Kr	**83**		ug/L			363	369	6	Standard
>	**In-1**	**115**		ug/L			35495	31359	0	KED
	Mo	**98**	**0.046**	ug/L	0.008	18	34	128	13	KED
	Cd	**111**	**0.004**	ug/L	0.004	101	2	4	44	KED
	Cd	**114**	**0.000**	ug/L	0.003	4759	3	3	98	KED
>	**In**	**115**		ug/L			1478885	1446790	3	Standard
	Ag	**107**	**-0.000**	ug/L	0.002	458	157	146	18	Standard
	Ba	**135**	**-0.008**	ug/L	0.001	8	107	30	16	Standard
	Ba	**137**	**-0.008**	ug/L	0.001	8	184	50	25	Standard
>	**Tb**	**159**		ug/L			2862808	2763743	0	Standard
	Tl	**205**	**0.003**	ug/L	0.000	13	113	415	10	Standard
	Pb	**208**	**-0.004**	ug/L	0.000	8	1222	659	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:16:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L				1302100	2	Standard
	Be	9		ug/L				5	57	Standard
	C	13		ug/L				26820	1	Standard
	Cl	37		ug/L				8490587	0	Standard
>	Sc	45		ug/L				1401124	2	Standard
	Na	23		ug/L				14812	0	Standard
	Mg	24		ug/L				2714	2	Standard
	Al	27		ug/L				4093	4	Standard
	K	39		ug/L				1124156	1	Standard
	Ca	44		ug/L				18718	1	Standard
	V	51		ug/L				7142	0	Standard
	V-1	51		ug/L				449	3	Standard
	Cr	52		ug/L				21146	0	Standard
	Cr	53		ug/L				248	7	Standard
	Fe	54		ug/L				98444	0	Standard
	Fe	57		ug/L				26183	1	Standard
	Mn	55		ug/L				711	1	Standard
>	Ge	72		ug/L				104395	3	KED
	Co	59		ug/L				3	132	KED
	Ni	60		ug/L				19	55	KED
	Ni	62		ug/L				3	34	KED
	Cu	63		ug/L				76	21	KED
	Cu	65		ug/L				36	43	KED
	Zn	66		ug/L				35	56	KED
	Zn	67		ug/L				9	0	KED
	As	75		ug/L				5	47	KED
	Se	78		ug/L				17	25	KED
	Y	89		ug/L				797774	2	Standard
	Kr	83		ug/L				368	8	Standard
>	In-1	115		ug/L				31030	0	KED
	Mo	98		ug/L				32	25	KED
	Cd	111		ug/L				3	50	KED
	Cd	114		ug/L				3	1	KED
>	In	115		ug/L				1398199	2	Standard
	Ag	107		ug/L				89	17	Standard
	Ba	135		ug/L				25	17	Standard
	Ba	137		ug/L				38	21	Standard
>	Tb	159		ug/L				2712647	0	Standard
	Tl	205		ug/L				160	22	Standard
	Pb	208		ug/L				501	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:21:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1333637	1	Standard
⌊	**Be**	**9**	**0.200**	ug/L	0.007	3	5	1619	2	Standard
	C	**13**		ug/L			26820	29264	0	Standard
	Cl	**37**		ug/L			8490587	8522597	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1419305	1	Standard
⌈	**Na**	**23**	**100.000**	ug/L	1.317	1	14812	2668918	0	Standard
⌈	**Mg**	**24**	**20.000**	ug/L	0.123	0	2714	627489	1	Standard
⌈	**Al**	**27**	**20.000**	ug/L	0.291	1	4093	591959	0	Standard
⌈	**K**	**39**	**20.000**	ug/L	0.995	4	1124156	1730881	2	Standard
⌈	**Ca**	**44**	**50.000**	ug/L	0.143	0	18718	81266	1	Standard
⌈	**V**	**51**	**0.200**	ug/L	0.004	2	7142	13866	1	Standard
⌈	**V-1**	**51**	**0.200**	ug/L	0.003	1	449	7299	2	Standard
⌈	**Cr**	**52**	**0.500**	ug/L	0.006	1	21146	36257	1	Standard
⌈	**Cr**	**53**	**0.500**	ug/L	0.008	1	248	1996	1	Standard
⌈	**Fe**	**54**	**36.000**	ug/L	0.605	1	98444	202726	1	Standard
⌈	**Fe**	**57**	**36.000**	ug/L	0.351	0	26183	62993	1	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.004	0	711	23584	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	107207	0	KED
⌈	**Co**	**59**	**0.200**	ug/L	0.008	4	3	1317	4	KED
⌈	**Ni**	**60**	**0.500**	ug/L	0.025	5	19	976	5	KED
⌈	**Ni**	**62**	**0.500**	ug/L	0.094	18	3	178	18	KED
⌈	**Cu**	**63**	**0.500**	ug/L	0.011	2	76	2954	2	KED
⌈	**Cu**	**65**	**0.500**	ug/L	0.006	1	36	1420	0	KED
⌈	**Zn**	**66**	**6.000**	ug/L	0.086	1	35	5236	1	KED
⌈	**Zn**	**67**	**6.000**	ug/L	0.229	3	9	815	4	KED
⌈	**As**	**75**	**0.200**	ug/L	0.008	3	5	87	4	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.030	6	17	31	3	KED
	Y	**89**		ug/L			797774	804035	2	Standard
	Kr	**83**		ug/L			368	360	4	Standard
⌈>	**In-1**	**115**		ug/L			31030	31309	1	KED
⌈	**Mo**	**98**	**0.200**	ug/L	0.013	6	32	426	7	KED
⌈	**Cd**	**111**	**0.100**	ug/L	0.015	14	3	51	14	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.006	6	3	130	8	KED
⌈>	**In**	**115**		ug/L			1398199	1417244	2	Standard
⌈	**Ag**	**107**	**0.200**	ug/L	0.005	2	89	4347	1	Standard
⌈	**Ba**	**135**	**0.500**	ug/L	0.011	2	25	4226	2	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.007	1	38	7581	1	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2733256	1	Standard
⌈	**Tl**	**205**	**0.200**	ug/L	0.002	1	160	20611	2	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.001	1	501	15321	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:25:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1367942	0	Standard
⌊	**Be**	**9**	**10.000**	ug/L	0.265	2	5	84084	3	Standard
	C	**13**		ug/L			26820	32797	0	Standard
	Cl	**37**		ug/L			8490587	8960175	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1445772	1	Standard
⌈	**Na**	**23**	**1000.153**	ug/L	8.578	0	14812	27477215	2	Standard
⌈	**Mg**	**24**	**1000.009**	ug/L	13.835	1	2714	32551545	0	Standard
⌈	**Al**	**27**	**1000.002**	ug/L	6.798	0	4093	30100198	1	Standard
⌈	**K**	**39**	**1000.015**	ug/L	12.752	1	1124156	32496720	2	Standard
⌈	**Ca**	**44**	**1000.020**	ug/L	6.380	0	18718	1298914	0	Standard
⌈	**V**	**51**	**10.000**	ug/L	0.112	1	7142	350382	1	Standard
⌈	**V-1**	**51**	**10.000**	ug/L	0.072	0	449	348635	1	Standard
⌈	**Cr**	**52**	**10.000**	ug/L	0.056	0	21146	325768	0	Standard
⌈	**Cr**	**53**	**10.000**	ug/L	0.107	1	248	36253	1	Standard
⌈	**Fe**	**54**	**1000.032**	ug/L	8.460	0	98444	3090132	1	Standard
⌈	**Fe**	**57**	**1000.015**	ug/L	2.931	0	26183	1071227	1	Standard
⌊	**Mn**	**55**	**10.000**	ug/L	0.023	0	711	467132	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	106741	0	KED
⌈	**Co**	**59**	**10.000**	ug/L	0.057	0	3	68859	1	KED
⌈	**Ni**	**60**	**10.001**	ug/L	0.074	0	19	19765	0	KED
⌈	**Ni**	**62**	**9.998**	ug/L	0.292	2	3	3202	3	KED
⌈	**Cu**	**63**	**10.000**	ug/L	0.048	0	76	57278	1	KED
⌈	**Cu**	**65**	**10.001**	ug/L	0.081	0	36	28959	0	KED
⌈	**Zn**	**66**	**10.026**	ug/L	0.214	2	35	8750	1	KED
⌈	**Zn**	**67**	**10.155**	ug/L	0.714	7	9	1429	7	KED
⌈	**As**	**75**	**10.000**	ug/L	0.159	1	5	4143	0	KED
⌊	**Se**	**78**	**10.012**	ug/L	0.177	1	17	522	1	KED
	Y	**89**		ug/L			797774	825554	2	Standard
	Kr	**83**		ug/L			368	338	9	Standard
⌈>	**In-1**	**115**		ug/L			31030	31247	0	KED
⌈	**Mo**	**98**	**10.000**	ug/L	0.087	0	32	20553	1	KED
⌈	**Cd**	**111**	**10.000**	ug/L	0.227	2	3	5050	1	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.224	2	3	13078	2	KED
⌈>	**In**	**115**		ug/L			1398199	1442448	1	Standard
⌈	**Ag**	**107**	**10.000**	ug/L	0.090	0	89	221927	0	Standard
⌈	**Ba**	**135**	**9.999**	ug/L	0.162	1	25	83835	0	Standard
⌊	**Ba**	**137**	**9.999**	ug/L	0.075	0	38	150174	0	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2790585	0	Standard
⌈	**Tl**	**205**	**10.000**	ug/L	0.119	1	160	1071854	0	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.123	1	501	1419630	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:30:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1336713	2	Standard
	Be	**9**	**20.033**	ug/L	0.278	1	5	165640	1	Standard
	C	**13**		ug/L			26820	31910	1	Standard
	Cl	**37**		ug/L			8490587	9017211	0	Standard
>	**Sc**	**45**		ug/L			1401124	1441274	0	Standard
	Na	**23**	**1986.480**	ug/L	25.131	1	14812	52967548	1	Standard
	Mg	**24**	**1997.143**	ug/L	17.427	0	2714	64442659	0	Standard
	Al	**27**	**1988.815**	ug/L	27.691	1	4093	58365820	1	Standard
	K	**39**	**1994.591**	ug/L	16.919	0	1124156	62794405	1	Standard
	Ca	**44**	**1999.715**	ug/L	32.513	1	18718	2568699	1	Standard
	V	**51**	**19.973**	ug/L	0.147	0	7142	686593	0	Standard
	V-1	**51**	**19.959**	ug/L	0.127	0	449	687582	0	Standard
	Cr	**52**	**19.972**	ug/L	0.151	0	21146	623609	0	Standard
	Cr	**53**	**19.930**	ug/L	0.115	0	248	70784	0	Standard
	Fe	**54**	**1993.610**	ug/L	28.702	1	98444	5965514	1	Standard
	Fe	**57**	**2006.417**	ug/L	19.750	0	26183	2142637	0	Standard
	Mn	**55**	**19.940**	ug/L	0.089	0	711	916948	0	Standard
>	**Ge**	**72**		ug/L			104395	105686	0	KED
	Co	**59**	**19.995**	ug/L	0.292	1	3	136184	1	KED
	Ni	**60**	**19.948**	ug/L	0.225	1	19	38610	0	KED
	Ni	**62**	**20.054**	ug/L	0.416	2	3	6425	1	KED
	Cu	**63**	**19.941**	ug/L	0.161	0	76	111692	0	KED
	Cu	**65**	**19.882**	ug/L	0.221	1	36	55658	1	KED
	Zn	**66**	**20.107**	ug/L	0.275	1	35	17615	1	KED
	Zn	**67**	**20.210**	ug/L	0.587	2	9	2896	3	KED
	As	**75**	**19.951**	ug/L	0.121	0	5	8100	0	KED
	Se	**78**	**19.764**	ug/L	0.262	1	17	960	1	KED
	Y	**89**		ug/L			797774	807629	1	Standard
	Kr	**83**		ug/L			368	383	6	Standard
>	**In-1**	**115**		ug/L			31030	30889	1	KED
	Mo	**98**	**19.953**	ug/L	0.566	2	32	40127	2	KED
	Cd	**111**	**19.981**	ug/L	0.137	0	3	9933	0	KED
	Cd	**114**	**19.955**	ug/L	0.430	2	3	25557	1	KED
>	**In**	**115**		ug/L			1398199	1407183	0	Standard
	Ag	**107**	**19.958**	ug/L	0.172	0	89	428470	1	Standard
	Ba	**135**	**20.136**	ug/L	0.095	0	25	169296	0	Standard
	Ba	**137**	**20.101**	ug/L	0.181	0	38	300521	0	Standard
>	**Tb**	**159**		ug/L			2712647	2768430	0	Standard
	Tl	**205**	**19.910**	ug/L	0.171	0	160	2079515	0	Standard
	Pb	**208**	**19.993**	ug/L	0.195	0	501	2811254	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:36:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1302100	1307923	1	Standard
	Be	9	50.084	ug/L	0.449	0	5	408672	0	Standard
	C	13		ug/L			26820	27357	1	Standard
	Cl	37		ug/L			8490587	9227961	0	Standard
>	Sc	45		ug/L			1401124	1400571	1	Standard
	Na	23	5010.846	ug/L	54.414	1	14812	131223518	0	Standard
	Mg	24	5002.368	ug/L	95.436	1	2714	157197457	0	Standard
	Al	27	5006.356	ug/L	54.059	1	4093	143665498	0	Standard
	K	39	5018.304	ug/L	81.063	1	1124156	154634892	2	Standard
	Ca	44	5003.193	ug/L	70.665	1	18718	6236369	0	Standard
	V	51	50.279	ug/L	0.626	1	7142	1716390	1	Standard
	V-1	51	50.257	ug/L	0.506	1	449	1725993	0	Standard
	Cr	52	50.091	ug/L	0.732	1	21146	1501392	1	Standard
	Cr	53	50.027	ug/L	0.833	1	248	172728	0	Standard
	Fe	54	5005.671	ug/L	47.097	0	98444	14487400	0	Standard
	Fe	57	5005.987	ug/L	29.202	0	26183	5186380	0	Standard
	Mn	55	50.022	ug/L	0.371	0	711	2239085	0	Standard
>	Ge	72		ug/L			104395	103810	0	KED
	Co	59	49.957	ug/L	0.539	1	3	332788	0	KED
	Ni	60	49.964	ug/L	0.269	0	19	94625	0	KED
	Ni	62	49.904	ug/L	0.550	1	3	15552	0	KED
	Cu	63	49.959	ug/L	0.244	0	76	273619	0	KED
	Cu	65	49.839	ug/L	0.360	0	36	134817	0	KED
	Zn	66	49.671	ug/L	0.488	0	35	41426	1	KED
	Zn	67	49.601	ug/L	0.747	1	9	6717	1	KED
	As	75	50.026	ug/L	0.395	0	5	19995	0	KED
	Se	78	50.108	ug/L	0.521	1	17	2390	1	KED
	Y	89		ug/L			797774	794096	0	Standard
	Kr	83		ug/L			368	363	11	Standard
>	In-1	115		ug/L			31030	29962	1	KED
	Mo	98	50.314	ug/L	0.806	1	32	101276	0	KED
	Cd	111	50.151	ug/L	0.856	1	3	24545	0	KED
	Cd	114	50.098	ug/L	0.757	1	3	62852	0	KED
>	In	115		ug/L			1398199	1385516	2	Standard
	Ag	107	49.956	ug/L	0.746	1	89	1050988	0	Standard
	Ba	135	50.035	ug/L	0.404	0	25	415577	1	Standard
	Ba	137	50.032	ug/L	0.936	1	38	738657	0	Standard
>	Tb	159		ug/L			2712647	2712467	0	Standard
	Tl	205	49.806	ug/L	0.747	1	160	4999777	1	Standard
	Pb	208	49.824	ug/L	0.740	1	501	6744657	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:42:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1274701	0	Standard
	Be	**9**	**100.233**	ug/L	0.790	0	5	803385	1	Standard
	C	**13**		ug/L			26820	32083	1	Standard
	Cl	**37**		ug/L			8490587	9158850	0	Standard
>	**Sc**	**45**		ug/L			1401124	1354934	2	Standard
	Na	**23**	**10022.229**	ug/L	164.148	1	14812	255750464	0	Standard
	Mg	**24**	**9979.949**	ug/L	122.459	1	2714	301388576	1	Standard
	Al	**27**	**10024.277**	ug/L	248.953	2	4093	280474632	0	Standard
	K	**39**	**10009.357**	ug/L	25.547	0	1124156	298227330	2	Standard
	Ca	**44**	**9992.735**	ug/L	183.078	1	18718	12001154	0	Standard
	V	**51**	**100.012**	ug/L	1.126	1	7142	3297101	1	Standard
	V-1	**51**	**100.004**	ug/L	1.235	1	449	3322373	1	Standard
	Cr	**52**	**100.220**	ug/L	0.762	0	21146	2906605	1	Standard
	Cr	**53**	**100.189**	ug/L	1.008	1	248	336528	1	Standard
	Fe	**54**	**9992.061**	ug/L	229.309	2	98444	27801454	0	Standard
	Fe	**57**	**9980.511**	ug/L	118.341	1	26183	9912698	1	Standard
	Mn	**55**	**99.909**	ug/L	0.380	0	711	4312714	1	Standard
>	**Ge**	**72**		ug/L			104395	99568	1	KED
	Co	**59**	**100.121**	ug/L	0.753	0	3	642297	1	KED
	Ni	**60**	**99.980**	ug/L	0.793	0	19	181480	1	KED
	Ni	**62**	**99.609**	ug/L	1.564	1	3	29392	2	KED
	Cu	**63**	**99.736**	ug/L	1.448	1	76	519348	2	KED
	Cu	**65**	**99.901**	ug/L	0.789	0	36	258306	1	KED
	Zn	**66**	**99.675**	ug/L	2.503	2	35	78869	3	KED
	Zn	**67**	**99.859**	ug/L	3.886	3	9	12903	4	KED
	As	**75**	**100.419**	ug/L	1.514	1	5	39040	2	KED
	Se	**78**	**99.599**	ug/L	2.287	2	17	4481	3	KED
	Y	**89**		ug/L			797774	767548	0	Standard
	Kr	**83**		ug/L			368	347	4	Standard
>	**In-1**	**115**		ug/L			31030	29281	0	KED
	Mo	**98**	**100.396**	ug/L	0.491	0	32	200132	0	KED
	Cd	**111**	**99.660**	ug/L	0.617	0	3	47139	0	KED
	Cd	**114**	**100.047**	ug/L	1.187	1	3	122871	1	KED
>	**In**	**115**		ug/L			1398199	1339540	3	Standard
	Ag	**107**	**99.758**	ug/L	1.772	1	89	2012401	1	Standard
	Ba	**135**	**100.707**	ug/L	2.780	2	25	827758	0	Standard
	Ba	**137**	**100.923**	ug/L	3.619	3	38	1485554	1	Standard
>	**Tb**	**159**		ug/L			2712647	2715062	0	Standard
	Tl	**205**	**99.452**	ug/L	0.344	0	160	9814201	0	Standard
	Pb	**208**	**98.650**	ug/L	0.429	0	501	12791753	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:50:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1306642	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	176	5	6	31	Standard
	C	**13**		ug/L			26820	26239	2	Standard
	Cl	**37**		ug/L			8490587	8720252	1	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1388868	0	Standard
⌈	**Na**	**23**	**0.367**	ug/L	0.017	4	14812	24284	1	Standard
⌈	**Mg**	**24**	**0.033**	ug/L	0.001	3	2714	3706	0	Standard
⌈	**Al**	**27**	**0.036**	ug/L	0.008	22	4093	5090	4	Standard
⌈	**K**	**39**	**2.213**	ug/L	0.638	28	1124156	1181583	1	Standard
⌈	**Ca**	**44**	**-1.703**	ug/L	0.189	11	18718	16460	1	Standard
⌈	**V**	**51**	**-0.004**	ug/L	0.001	15	7142	6928	0	Standard
⌈	**V-1**	**51**	**0.000**	ug/L	0.000	313	449	448	2	Standard
⌈	**Cr**	**52**	**-0.018**	ug/L	0.006	34	21146	20416	1	Standard
⌈	**Cr**	**53**	**-0.004**	ug/L	0.007	184	248	234	9	Standard
⌈	**Fe**	**54**	**-0.139**	ug/L	0.556	399	98444	97180	0	Standard
⌈	**Fe**	**57**	**-5.561**	ug/L	0.542	9	26183	20306	2	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.000	46	711	734	2	Standard
⌈>	**Ge**	**72**		ug/L			104395	102614	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	102	3	1	100	KED
⌈	**Ni**	**60**	**-0.003**	ug/L	0.004	111	19	13	49	KED
⌈	**Ni**	**62**	**0.006**	ug/L	0.013	200	3	5	78	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.004	131	76	90	21	KED
⌈	**Cu**	**65**	**0.007**	ug/L	0.002	29	36	54	11	KED
⌈	**Zn**	**66**	**0.007**	ug/L	0.011	158	35	40	21	KED
⌈	**Zn**	**67**	**-0.027**	ug/L	0.029	107	9	5	66	KED
⌈	**As**	**75**	**0.007**	ug/L	0.006	86	5	7	30	KED
⌊	**Se**	**78**	**-0.042**	ug/L	0.054	127	17	15	15	KED
	Y	**89**		ug/L			797774	784026	1	Standard
	Kr	**83**		ug/L			368	375	4	Standard
⌈>	**In-1**	**115**		ug/L			31030	30342	0	KED
⌈	**Mo**	**98**	**0.042**	ug/L	0.002	5	32	119	3	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.003	123	3	2	57	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	162	3	4	48	KED
⌈>	**In**	**115**		ug/L			1398199	1381791	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	40	89	130	12	Standard
⌈	**Ba**	**135**	**0.000**	ug/L	0.001	241	25	28	29	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.000	54	38	48	12	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2651096	0	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	17	160	419	11	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	33	501	669	9	Standard

Sample Information

Sample Date/Time: Monday, June 28, 2021 14:42:50
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**1.0000**	0.006	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
Na	23	**1.0000**	0.019	100.00	1000	2000	5000	10000
Mg	24	**1.0000**	0.022	20.00	1000	2000	5000	10000
Al	27	**1.0000**	0.021	20.00	1000	2000	5000	10000
K	39	**1.0000**	0.022	20.00	1000	2000	5000	10000
Ca	44	**1.0000**	0.001	50.00	1000	2000	5000	10000
V	51	**1.0000**	0.024	0.20	10	20	50	100
V-1	51	**1.0000**	0.025	0.20	10	20	50	100
Cr	52	**1.0000**	0.021	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Fe	54	**1.0000**	0.002	36.00	1000	2000	5000	10000
Fe	57	**1.0000**	0.001	36.00	1000	2000	5000	10000
Mn	55	**1.0000**	0.032	0.50	10	20	50	100
Ge	72							
Co	59	**1.0000**	0.064	0.20	10	20	50	100
Ni	60	**1.0000**	0.018	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.052	0.50	10	20	50	100
Cu	65	**1.0000**	0.026	0.50	10	20	50	100
Zn	66	**1.0000**	0.008	6.00	10	20	50	100
Zn	67	**1.0000**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.004	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**1.0000**	0.068	0.20	10	20	50	100
Cd	111	**1.0000**	0.016	0.10	10	20	50	100
Cd	114	**1.0000**	0.042	0.10	10	20	50	100
In	115							
Ag	107	**1.0000**	0.015	0.20	10	20	50	100
Ba	135	**0.9999**	0.006	0.50	10	20	50	100
Ba	137	**0.9999**	0.011	0.50	10	20	50	100
Tb	159							
Tl	205	**0.9999**	0.036	0.20	10	20	50	100
Pb	208	**0.9997**	0.048	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 14:56:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1334615	0	Standard
⌊	**Be**	**9**	**47.604**	ug/L	0.537	1	5	399479	0	Standard
	C	**13**		ug/L			26820	30465	1	Standard
	Cl	**37**		ug/L			8490587	9179104	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1423692	0	Standard
⌈	**Na**	**23**	**4794.696**	ug/L	32.306	0	14812	128606259	1	Standard
⌈	**Mg**	**24**	**4769.766**	ug/L	65.905	1	2714	151372457	1	Standard
⌈	**Al**	**27**	**4811.335**	ug/L	45.662	0	4093	141510707	1	Standard
⌈	**K**	**39**	**4758.848**	ug/L	32.639	0	1124156	149582533	1	Standard
⌈	**Ca**	**44**	**4723.518**	ug/L	30.251	0	18718	5972305	1	Standard
⌈	**V**	**51**	**48.671**	ug/L	0.427	0	7142	1690009	1	Standard
⌈	**V-1**	**51**	**48.785**	ug/L	0.120	0	449	1703505	1	Standard
⌈	**Cr**	**52**	**48.689**	ug/L	0.940	1	21146	1495102	2	Standard
⌈	**Cr**	**53**	**49.049**	ug/L	0.237	0	248	173262	0	Standard
⌈	**Fe**	**54**	**4827.200**	ug/L	49.429	1	98444	14169893	1	Standard
⌈	**Fe**	**57**	**4793.334**	ug/L	38.373	0	26183	5017125	1	Standard
⌊	**Mn**	**55**	**49.158**	ug/L	0.290	0	711	2230051	0	Standard
⌈>	**Ge**	**72**		ug/L			104395	101370	1	KED
⌈	**Co**	**59**	**50.852**	ug/L	0.935	1	3	332065	0	KED
⌈	**Ni**	**60**	**50.616**	ug/L	1.106	2	19	93519	0	KED
⌈	**Ni**	**62**	**50.327**	ug/L	0.609	1	3	15117	0	KED
⌈	**Cu**	**63**	**51.129**	ug/L	0.649	1	76	271028	0	KED
⌈	**Cu**	**65**	**50.923**	ug/L	0.566	1	36	134056	1	KED
⌈	**Zn**	**66**	**49.039**	ug/L	0.049	0	35	39516	1	KED
⌈	**Zn**	**67**	**49.575**	ug/L	0.674	1	9	6525	2	KED
⌈	**As**	**75**	**48.837**	ug/L	0.071	0	5	19331	1	KED
⌊	**Se**	**78**	**77.894**	ug/L	0.875	1	17	3570	0	KED
	Y	**89**		ug/L			797774	786342	1	Standard
	Kr	**83**		ug/L			368	374	14	Standard
⌈>	**In-1**	**115**		ug/L			31030	29933	0	KED
⌈	**Mo**	**98**	**48.649**	ug/L	0.242	0	32	99153	0	KED
⌈	**Cd**	**111**	**49.052**	ug/L	0.562	1	3	23720	1	KED
⌊	**Cd**	**114**	**48.930**	ug/L	0.266	0	3	61432	0	KED
⌈>	**In**	**115**		ug/L			1398199	1347355	2	Standard
⌈	**Ag**	**107**	**50.398**	ug/L	0.659	1	89	1022893	1	Standard
⌈	**Ba**	**135**	**49.519**	ug/L	1.120	2	25	409528	0	Standard
⌊	**Ba**	**137**	**49.243**	ug/L	0.278	0	38	729578	1	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2706512	1	Standard
⌈	**Tl**	**205**	**50.021**	ug/L	0.125	0	160	4920807	1	Standard
⌊	**Pb**	**208**	**51.238**	ug/L	0.653	1	501	6622468	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:04:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1309732	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	234	5	6	41	Standard
	C	**13**		ug/L			26820	26117	1	Standard
	Cl	**37**		ug/L			8490587	8621398	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1379542	0	Standard
⌈	**Na**	**23**	**0.131**	ug/L	0.011	8	14812	17984	1	Standard
⌈	**Mg**	**24**	**0.016**	ug/L	0.001	9	2714	3161	1	Standard
⌈	**Al**	**27**	**0.018**	ug/L	0.005	27	4093	4533	3	Standard
⌈	**K**	**39**	**1.875**	ug/L	0.332	17	1124156	1163530	1	Standard
⌈	**Ca**	**44**	**-2.513**	ug/L	0.125	4	18718	15360	0	Standard
⌈	**V**	**51**	**-0.006**	ug/L	0.004	63	7142	6839	1	Standard
⌈	**V-1**	**51**	**0.001**	ug/L	0.001	130	449	460	4	Standard
⌈	**Cr**	**52**	**-0.025**	ug/L	0.007	29	21146	20083	1	Standard
⌈	**Cr**	**53**	**-0.005**	ug/L	0.008	165	248	229	11	Standard
⌈	**Fe**	**54**	**-0.552**	ug/L	0.322	58	98444	95366	0	Standard
⌈	**Fe**	**57**	**-5.377**	ug/L	0.198	3	26183	20356	1	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	127	711	708	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	102459	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.000	115	3	6	45	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.003	220	19	16	40	KED
⌈	**Ni**	**62**	**0.002**	ug/L	0.011	504	3	3	86	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.002	283	76	78	13	KED
⌈	**Cu**	**65**	**-0.000**	ug/L	0.005	30043	36	36	41	KED
⌈	**Zn**	**66**	**0.009**	ug/L	0.025	280	35	41	46	KED
⌈	**Zn**	**67**	**-0.018**	ug/L	0.023	130	9	6	41	KED
⌈	**As**	**75**	**0.003**	ug/L	0.003	85	5	6	17	KED
⌊	**Se**	**78**	**-0.071**	ug/L	0.032	45	17	13	8	KED
	Y	**89**		ug/L			797774	778425	0	Standard
	Kr	**83**		ug/L			368	355	9	Standard
⌈>	**In-1**	**115**		ug/L			31030	30734	0	KED
⌈	**Mo**	**98**	**0.020**	ug/L	0.009	44	32	72	24	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.001	146	3	4	13	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	84	3	2	50	KED
⌈>	**In**	**115**		ug/L			1398199	1347671	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	69	89	103	14	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	169	25	29	26	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.000	135	38	38	5	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2664513	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	15	160	369	9	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	15	501	537	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:08:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1317287	1	Standard
	Be	**9**	**49.121**	ug/L	0.278	0	5	406888	1	Standard
	C	**13**		ug/L			26820	26025	1	Standard
	Cl	**37**		ug/L			8490587	9118954	0	Standard
>	**Sc**	**45**		ug/L			1401124	1383353	0	Standard
	Na	**23**	**4958.164**	ug/L	31.866	0	14812	129215561	0	Standard
	Mg	**24**	**4920.671**	ug/L	50.169	1	2714	151744335	1	Standard
	Al	**27**	**4916.357**	ug/L	96.918	1	4093	140494755	1	Standard
	K	**39**	**4899.197**	ug/L	142.792	2	1124156	149587276	2	Standard
	Ca	**44**	**4890.044**	ug/L	43.302	0	18718	6007018	0	Standard
	V	**51**	**50.094**	ug/L	0.709	1	7142	1689845	1	Standard
	V-1	**51**	**49.915**	ug/L	0.717	1	449	1693566	1	Standard
	Cr	**52**	**49.443**	ug/L	0.439	0	21146	1474763	0	Standard
	Cr	**53**	**48.898**	ug/L	0.473	0	248	167838	0	Standard
	Fe	**54**	**4935.401**	ug/L	41.700	0	98444	14073936	0	Standard
	Fe	**57**	**4886.009**	ug/L	71.212	1	26183	4968590	1	Standard
	Mn	**55**	**49.390**	ug/L	0.556	1	711	2177177	1	Standard
>	**Ge**	**72**		ug/L			104395	101005	2	KED
	Co	**59**	**50.313**	ug/L	1.543	3	3	327258	1	KED
	Ni	**60**	**50.896**	ug/L	1.628	3	19	93669	0	KED
	Ni	**62**	**50.643**	ug/L	1.647	3	3	15151	1	KED
	Cu	**63**	**51.167**	ug/L	1.482	2	76	270184	1	KED
	Cu	**65**	**50.812**	ug/L	1.398	2	36	133233	0	KED
	Zn	**66**	**51.303**	ug/L	1.656	3	35	41167	0	KED
	Zn	**67**	**50.820**	ug/L	0.585	1	9	6663	1	KED
	As	**75**	**50.096**	ug/L	1.678	3	5	19746	0	KED
	Se	**78**	**50.040**	ug/L	0.672	1	17	2291	2	KED
	Y	**89**		ug/L			797774	781990	0	Standard
	Kr	**83**		ug/L			368	372	3	Standard
>	**In-1**	**115**		ug/L			31030	29628	2	KED
	Mo	**98**	**49.410**	ug/L	1.200	2	32	99641	0	KED
	Cd	**111**	**49.480**	ug/L	1.316	2	3	23673	0	KED
	Cd	**114**	**49.368**	ug/L	0.650	1	3	61338	1	KED
>	**In**	**115**		ug/L			1398199	1343560	1	Standard
	Ag	**107**	**51.305**	ug/L	1.558	3	89	1038263	1	Standard
	Ba	**135**	**49.079**	ug/L	1.153	2	25	404809	1	Standard
	Ba	**137**	**49.571**	ug/L	1.408	2	38	732274	1	Standard
>	**Tb**	**159**		ug/L			2712647	2665480	1	Standard
	Tl	**205**	**49.841**	ug/L	0.562	1	160	4828284	1	Standard
	Pb	**208**	**51.469**	ug/L	0.309	0	501	6551830	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:16:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1338237	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	366	5	5	57	Standard
	C	**13**		ug/L			26820	26580	0	Standard
	Cl	**37**		ug/L			8490587	8621279	1	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1379109	2	Standard
⌈	**Na**	**23**	**0.106**	ug/L	0.016	15	14812	17322	0	Standard
⌈	**Mg**	**24**	**0.011**	ug/L	0.002	16	2714	3021	2	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.004	24	4093	4462	4	Standard
⌈	**K**	**39**	**1.506**	ug/L	0.820	54	1124156	1151559	0	Standard
⌈	**Ca**	**44**	**-3.201**	ug/L	0.355	11	18718	14508	0	Standard
⌈	**V**	**51**	**-0.011**	ug/L	0.007	64	7142	6653	1	Standard
⌈	**V-1**	**51**	**-0.001**	ug/L	0.000	43	449	415	0	Standard
⌈	**Cr**	**52**	**-0.042**	ug/L	0.025	59	21146	19574	1	Standard
⌈	**Cr**	**53**	**-0.008**	ug/L	0.003	41	248	217	4	Standard
⌈	**Fe**	**54**	**-0.496**	ug/L	0.620	124	98444	95474	1	Standard
⌈	**Fe**	**57**	**-5.318**	ug/L	0.443	8	26183	20402	1	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.000	158	711	712	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	100738	1	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	2453	3	3	86	KED
⌈	**Ni**	**60**	**-0.003**	ug/L	0.004	144	19	13	51	KED
⌈	**Ni**	**62**	**0.007**	ug/L	0.024	352	3	5	141	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.001	55	76	83	6	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.001	34	36	41	4	KED
⌈	**Zn**	**66**	**0.004**	ug/L	0.013	312	35	37	26	KED
⌈	**Zn**	**67**	**-0.017**	ug/L	0.018	104	9	6	31	KED
⌈	**As**	**75**	**0.000**	ug/L	0.003	527	5	5	18	KED
⌊	**Se**	**78**	**-0.013**	ug/L	0.060	461	17	16	15	KED
	Y	**89**		ug/L			797774	782031	0	Standard
	Kr	**83**		ug/L			368	349	4	Standard
⌈>	**In-1**	**115**		ug/L			31030	30052	0	KED
⌈	**Mo**	**98**	**0.024**	ug/L	0.007	30	32	80	18	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.010	281	3	5	88	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	84	3	5	34	KED
⌈>	**In**	**115**		ug/L			1398199	1364828	2	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	171	89	91	5	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	115	25	29	18	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.000	23	38	32	5	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2619559	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	5	160	392	3	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	81	501	538	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:25:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1344111	0	Standard
	Be	**9**	**0.188**	ug/L	0.009	4	5	1594	5	Standard
	C	**13**		ug/L			26820	32292	0	Standard
	Cl	**37**		ug/L			8490587	8462355	0	Standard
>	**Sc**	**45**		ug/L			1401124	1397743	1	Standard
	Na	**23**	**96.724**	ug/L	1.384	1	14812	2561675	2	Standard
	Mg	**24**	**19.614**	ug/L	0.180	0	2714	613814	1	Standard
	Al	**27**	**19.605**	ug/L	0.077	0	4093	570145	0	Standard
	K	**39**	**20.154**	ug/L	0.715	3	1124156	1738612	1	Standard
	Ca	**44**	**45.045**	ug/L	0.486	1	18718	74408	1	Standard
	V	**51**	**0.189**	ug/L	0.005	2	7142	13534	2	Standard
	V-1	**51**	**0.191**	ug/L	0.002	1	449	7011	2	Standard
	Cr	**52**	**0.467**	ug/L	0.002	0	21146	34978	1	Standard
	Cr	**53**	**0.467**	ug/L	0.018	3	248	1866	3	Standard
	Fe	**54**	**34.547**	ug/L	0.194	0	98444	197056	1	Standard
	Fe	**57**	**31.263**	ug/L	0.101	0	26183	58074	1	Standard
	Mn	**55**	**0.502**	ug/L	0.004	0	711	23084	2	Standard
>	**Ge**	**72**		ug/L			104395	102579	3	KED
	Co	**59**	**0.197**	ug/L	0.009	4	3	1303	3	KED
	Ni	**60**	**0.480**	ug/L	0.026	5	19	916	2	KED
	Ni	**62**	**0.439**	ug/L	0.021	4	3	136	4	KED
	Cu	**63**	**0.500**	ug/L	0.010	1	76	2758	3	KED
	Cu	**65**	**0.503**	ug/L	0.012	2	36	1376	2	KED
	Zn	**66**	**5.850**	ug/L	0.289	4	35	4802	6	KED
	Zn	**67**	**5.592**	ug/L	0.255	4	9	752	1	KED
	As	**75**	**0.183**	ug/L	0.019	10	5	78	10	KED
	Se	**78**	**0.391**	ug/L	0.039	9	17	35	2	KED
	Y	**89**		ug/L			797774	793512	1	Standard
	Kr	**83**		ug/L			368	321	8	Standard
>	**In-1**	**115**		ug/L			31030	30729	1	KED
	Mo	**98**	**0.194**	ug/L	0.014	6	32	438	6	KED
	Cd	**111**	**0.092**	ug/L	0.007	8	3	49	6	KED
	Cd	**114**	**0.101**	ug/L	0.006	5	3	133	5	KED
>	**In**	**115**		ug/L			1398199	1401252	0	Standard
	Ag	**107**	**0.202**	ug/L	0.008	4	89	4353	4	Standard
	Ba	**135**	**0.460**	ug/L	0.006	1	25	3983	0	Standard
	Ba	**137**	**0.461**	ug/L	0.011	2	38	7138	2	Standard
>	**Tb**	**159**		ug/L			2712647	2661521	0	Standard
	Tl	**205**	**0.205**	ug/L	0.001	0	160	19986	0	Standard
	Pb	**208**	**0.107**	ug/L	0.001	0	501	14058	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:30:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1302100	1410318	0	Standard
	Be	**9**	**-0.000**	ug/L	0.001	526	5	5	114	Standard
	C	**13**		ug/L			26820	175281	1	Standard
	Cl	**37**		ug/L			8490587	18924145	2	Standard
>	**Sc**	**45**		ug/L			1401124	1600178	0	Standard
	Na	**23**	**18790.414**	ug/L	200.397	1	14812	566437610	1	Standard
	Mg	**24**	**18546.174**	ug/L	206.307	1	2714	661533595	0	Standard
	Al	**27**	**18957.213**	ug/L	187.418	0	4093	626627571	0	Standard
	K	**39**	**17009.394**	ug/L	91.777	0	1124156	597616366	1	Standard
	Ca	**44**	**19426.687**	ug/L	234.690	1	18718	27540070	0	Standard
	V	**51**	**-0.020**	ug/L	0.013	65	7142	7363	6	Standard
	V-1	**51**	**3.109**	ug/L	0.040	1	449	122513	1	Standard
	Cr	**52**	**0.536**	ug/L	0.029	5	21146	42398	2	Standard
	Cr	**53**	**10.425**	ug/L	0.116	1	248	41615	1	Standard
	Fe	**54**	**19882.678**	ug/L	72.311	0	98444	65243646	0	Standard
	Fe	**57**	**20921.098**	ug/L	108.752	0	26183	24511757	1	Standard
	Mn	**55**	**0.119**	ug/L	0.004	3	711	6892	3	Standard
>	**Ge**	**72**		ug/L			104395	98905	1	KED
	Co	**59**	**0.039**	ug/L	0.002	6	3	254	4	KED
	Ni	**60**	**0.066**	ug/L	0.010	14	19	137	14	KED
	Ni	**62**	**0.177**	ug/L	0.049	27	3	54	24	KED
	Cu	**63**	**0.066**	ug/L	0.003	4	76	415	1	KED
	Cu	**65**	**0.078**	ug/L	0.008	10	36	234	9	KED
	Zn	**66**	**0.424**	ug/L	0.017	4	35	366	3	KED
	Zn	**67**	**0.256**	ug/L	0.074	28	9	41	22	KED
	As	**75**	**0.019**	ug/L	0.004	21	5	12	11	KED
	Se	**78**	**0.048**	ug/L	0.087	180	17	18	19	KED
	Y	**89**		ug/L			797774	821913	1	Standard
	Kr	**83**		ug/L			368	449	6	Standard
>	**In-1**	**115**		ug/L			31030	29270	0	KED
	Mo	**98**	**393.217**	ug/L	5.134	1	32	783432	0	KED
	Cd	**111**	**0.078**	ug/L	0.006	8	3	40	7	KED
	Cd	**114**	**0.070**	ug/L	0.004	5	3	89	6	KED
>	**In**	**115**		ug/L			1398199	1484387	2	Standard
	Ag	**107**	**0.004**	ug/L	0.001	15	89	175	6	Standard
	Ba	**135**	**0.043**	ug/L	0.005	11	25	419	8	Standard
	Ba	**137**	**0.041**	ug/L	0.002	4	38	711	4	Standard
>	**Tb**	**159**		ug/L			2712647	2822219	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	5	160	389	1	Standard
	Pb	**208**	**0.019**	ug/L	0.000	2	501	3094	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 15:35:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1394942	1	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	30	5	13	15	Standard
	C	**13**		ug/L			26820	173621	1	Standard
	Cl	**37**		ug/L			8490587	18524714	1	Standard
[>	**Sc**	**45**		ug/L			1401124	1644675	0	Standard
[	**Na**	**23**	**18094.799**	ug/L	165.604	0	14812	560596912	0	Standard
[	**Mg**	**24**	**18179.856**	ug/L	45.357	0	2714	666524197	0	Standard
[	**Al**	**27**	**18237.428**	ug/L	212.993	1	4093	619622121	1	Standard
[	**K**	**39**	**15971.956**	ug/L	535.185	3	1124156	576881628	3	Standard
[	**Ca**	**44**	**19160.830**	ug/L	21.012	0	18718	27919550	0	Standard
[	**V**	**51**	**-0.162**	ug/L	0.143	88	7142	1916	298	Standard
[	**V-1**	**51**	**3.078**	ug/L	0.031	1	449	124658	1	Standard
[	**Cr**	**52**	**19.806**	ug/L	0.410	2	21146	717265	2	Standard
[	**Cr**	**53**	**29.452**	ug/L	0.452	1	248	120303	1	Standard
[	**Fe**	**54**	**19530.414**	ug/L	200.952	1	98444	65873611	1	Standard
[	**Fe**	**57**	**20801.554**	ug/L	240.919	1	26183	25049660	1	Standard
[	**Mn**	**55**	**19.850**	ug/L	0.183	0	711	1040840	1	Standard
[>	**Ge**	**72**		ug/L			104395	95033	0	KED
[	**Co**	**59**	**20.609**	ug/L	0.133	0	3	126188	0	KED
[	**Ni**	**60**	**20.728**	ug/L	0.349	1	19	35924	1	KED
[	**Ni**	**62**	**20.270**	ug/L	0.172	0	3	5710	0	KED
[	**Cu**	**63**	**19.984**	ug/L	0.167	0	76	99367	0	KED
[	**Cu**	**65**	**20.118**	ug/L	0.123	0	36	49676	0	KED
[	**Zn**	**66**	**19.660**	ug/L	0.389	1	35	14871	2	KED
[	**Zn**	**67**	**17.996**	ug/L	0.567	3	9	2226	3	KED
[	**As**	**75**	**19.443**	ug/L	0.251	1	5	7218	1	KED
[	**Se**	**78**	**0.059**	ug/L	0.086	146	17	18	20	KED
	Y	**89**		ug/L			797774	813727	0	Standard
	Kr	**83**		ug/L			368	476	3	Standard
[>	**In-1**	**115**		ug/L			31030	28372	1	KED
[	**Mo**	**98**	**398.941**	ug/L	3.933	0	32	770406	1	KED
[	**Cd**	**111**	**19.582**	ug/L	0.651	3	3	8973	1	KED
[	**Cd**	**114**	**19.453**	ug/L	0.319	1	3	23147	0	KED
[>	**In**	**115**		ug/L			1398199	1510095	1	Standard
[	**Ag**	**107**	**17.802**	ug/L	0.130	0	89	405064	0	Standard
[	**Ba**	**135**	**0.039**	ug/L	0.002	5	25	390	4	Standard
[	**Ba**	**137**	**0.041**	ug/L	0.004	10	38	718	8	Standard
[>	**Tb**	**159**		ug/L			2712647	2848505	1	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	21	160	365	10	Standard
[	**Pb**	**208**	**0.016**	ug/L	0.000	1	501	2754	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:40:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1245235	2	Standard
[	Be	9	198.977	ug/L	4.201	2	5	1557475	0	Standard
	C	13		ug/L			26820	35054	1	Standard
	Cl	37		ug/L			8490587	9219080	0	Standard
[>	Sc	45		ug/L			1401124	1415002	0	Standard
[	Na	23	18262.048	ug/L	161.017	0	14812	486790011	1	Standard
[	Mg	24	18191.564	ug/L	274.779	1	2714	573795226	1	Standard
[	Al	27	18654.401	ug/L	212.876	1	4093	545270648	1	Standard
[	K	39	18247.343	ug/L	697.294	3	1124156	566769802	3	Standard
[	Ca	44	19214.986	ug/L	91.571	0	18718	24088424	0	Standard
[	V	51	185.447	ug/L	2.354	1	7142	6379226	1	Standard
[	V-1	51	188.409	ug/L	2.679	1	449	6537255	1	Standard
[	Cr	52	184.518	ug/L	1.055	0	21146	5571310	0	Standard
[	Cr	53	193.922	ug/L	1.171	0	248	680095	0	Standard
[	Fe	54	19112.589	ug/L	145.437	0	98444	55462314	0	Standard
[	Fe	57	20099.097	ug/L	321.764	1	26183	20824295	1	Standard
[	Mn	55	186.685	ug/L	0.739	0	711	8415615	0	Standard
[>	Ge	72		ug/L			104395	89168	1	KED
[	Co	59	201.733	ug/L	2.884	1	3	1158866	0	KED
[	Ni	60	196.729	ug/L	2.849	1	19	319732	0	KED
[	Ni	62	197.579	ug/L	3.522	1	3	52199	1	KED
[	Cu	63	194.725	ug/L	1.913	0	76	907885	1	KED
[	Cu	65	195.493	ug/L	1.608	0	36	452627	0	KED
[	Zn	66	191.089	ug/L	0.913	0	35	135354	0	KED
[	Zn	67	190.631	ug/L	1.768	0	9	22050	1	KED
[	As	75	194.806	ug/L	0.629	0	5	67814	0	KED
[	Se	78	193.290	ug/L	0.240	0	17	7773	1	KED
	Y	89		ug/L			797774	735414	0	Standard
	Kr	83		ug/L			368	443	4	Standard
[>	In-1	115		ug/L			31030	26904	1	KED
[	Mo	98	195.391	ug/L	1.660	0	32	357832	0	KED
[	Cd	111	192.516	ug/L	1.418	0	3	83659	0	KED
[	Cd	114	191.137	ug/L	0.976	0	3	215685	1	KED
[>	In	115		ug/L			1398199	1382435	2	Standard
[	Ag	107	174.902	ug/L	2.078	1	89	3642116	1	Standard
[	Ba	135	181.001	ug/L	3.307	1	25	1535863	1	Standard
[	Ba	137	170.514	ug/L	3.938	2	38	2591196	0	Standard
[>	Tb	159		ug/L			2712647	2554656	0	Standard
[	Tl	205	195.568	ug/L	1.116	0	160	18158951	0	Standard
[	Pb	208	195.399	ug/L	1.428	0	501	23839302	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:44:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1222881	1	Standard
[	Be	9	282.580	ug/L	4.025	1	5	2172536	1	Standard
	C	13		ug/L			26820	35101	1	Standard
	Cl	37		ug/L			8490587	8902968	0	Standard
[>	Sc	45		ug/L			1401124	1337872	1	Standard
[	Na	23	28095.294	ug/L	398.433	1	14812	707976290	0	Standard
[	Mg	24	27335.301	ug/L	377.062	1	2714	815125924	0	Standard
[	Al	27	28613.720	ug/L	415.775	1	4093	790681185	0	Standard
[	K	39	27731.390	ug/L	238.432	0	1124156	813918531	1	Standard
[	Ca	44	28826.237	ug/L	754.838	2	18718	34150755	1	Standard
[	V	51	279.881	ug/L	3.249	1	7142	9098611	0	Standard
[	V-1	51	285.046	ug/L	2.807	0	449	9350280	0	Standard
[	Cr	52	280.079	ug/L	3.561	1	21146	7984257	0	Standard
[	Cr	53	296.420	ug/L	2.655	0	248	982703	0	Standard
[	Fe	54	28552.688	ug/L	571.435	2	98444	78278793	0	Standard
[	Fe	57	29925.631	ug/L	492.189	1	26183	29297939	0	Standard
[	Mn	55	281.098	ug/L	3.665	1	711	11978879	0	Standard
[>	Ge	72		ug/L			104395	85842	1	KED
[	Co	59	313.190	ug/L	4.591	1	3	1732016	0	KED
[	Ni	60	302.487	ug/L	2.649	0	19	473284	0	KED
[	Ni	62	298.848	ug/L	1.763	0	3	76015	1	KED
[	Cu	63	293.176	ug/L	2.817	0	76	1315831	0	KED
[	Cu	65	291.466	ug/L	2.228	0	36	649662	0	KED
[	Zn	66	282.442	ug/L	1.674	0	35	192586	0	KED
[	Zn	67	280.198	ug/L	0.631	0	9	31195	1	KED
[	As	75	295.270	ug/L	3.810	1	5	98943	0	KED
[	Se	78	291.226	ug/L	0.609	0	17	11267	1	KED
	Y	89		ug/L			797774	707285	0	Standard
	Kr	83		ug/L			368	536	1	Standard
[>	In-1	115		ug/L			31030	25702	0	KED
[	Mo	98	298.260	ug/L	3.097	1	32	521829	0	KED
[	Cd	111	293.300	ug/L	0.853	0	3	121766	0	KED
[	Cd	114	292.746	ug/L	1.149	0	3	315581	0	KED
[>	In	115		ug/L			1398199	1265759	4	Standard
[	Ag	107	262.463	ug/L	8.907	3	89	4999671	1	Standard
[	Ba	135	279.562	ug/L	11.718	4	25	2169797	0	Standard
[	Ba	137	269.449	ug/L	10.440	3	38	3746119	1	Standard
[>	Tb	159		ug/L			2712647	2425712	1	Standard
[	Tl	205	295.111	ug/L	3.080	1	160	26017106	0	Standard
[	Pb	208	292.682	ug/L	2.996	1	501	33904493	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:52:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1308700	2	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	47	5	17	29	Standard
	C	**13**		ug/L			26820	34037	1	Standard
	Cl	**37**		ug/L			8490587	8600986	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1417573	0	Standard
⌈	**Na**	**23**	**3.415**	ug/L	0.169	4	14812	106167	3	Standard
⌊	**Mg**	**24**	**0.257**	ug/L	0.008	3	2714	10870	2	Standard
⌈	**Al**	**27**	**0.421**	ug/L	0.011	2	4093	16462	1	Standard
⌊	**K**	**39**	**4.012**	ug/L	0.174	4	1124156	1261920	0	Standard
⌈	**Ca**	**44**	**5.211**	ug/L	0.257	4	18718	25476	1	Standard
⌊	**V**	**51**	**-0.008**	ug/L	0.003	36	7142	6957	0	Standard
⌈	**V-1**	**51**	**0.037**	ug/L	0.001	1	449	1726	1	Standard
⌊	**Cr**	**52**	**-0.023**	ug/L	0.009	37	21146	20712	1	Standard
⌈	**Cr**	**53**	**0.118**	ug/L	0.013	10	248	667	7	Standard
⌊	**Fe**	**54**	**-0.588**	ug/L	0.317	53	98444	97891	0	Standard
⌈	**Fe**	**57**	**-6.715**	ug/L	0.587	8	26183	19527	2	Standard
⌊	**Mn**	**55**	**0.024**	ug/L	0.002	7	711	1802	5	Standard
⌈>	**Ge**	**72**		ug/L			104395	94356	4	KED
⌈	**Co**	**59**	**0.002**	ug/L	0.001	48	3	17	34	KED
⌊	**Ni**	**60**	**0.104**	ug/L	0.012	11	19	196	7	KED
⌈	**Ni**	**62**	**0.133**	ug/L	0.071	53	3	40	53	KED
⌊	**Cu**	**63**	**0.036**	ug/L	0.005	13	76	245	6	KED
⌈	**Cu**	**65**	**0.031**	ug/L	0.006	21	36	107	12	KED
⌊	**Zn**	**66**	**0.722**	ug/L	0.054	7	35	572	2	KED
⌈	**Zn**	**67**	**0.678**	ug/L	0.251	37	9	90	29	KED
⌊	**As**	**75**	**0.017**	ug/L	0.010	61	5	11	38	KED
⌈	**Se**	**78**	**0.049**	ug/L	0.067	136	17	17	11	KED
⌊	**Y**	**89**		ug/L			797774	749883	1	Standard
	Kr	**83**		ug/L			368	354	3	Standard
⌈>	**In-1**	**115**		ug/L			31030	28160	0	KED
⌈	**Mo**	**98**	**0.099**	ug/L	0.007	6	32	219	4	KED
⌊	**Cd**	**111**	**0.004**	ug/L	0.005	136	3	5	43	KED
⌈	**Cd**	**114**	**0.009**	ug/L	0.006	71	3	13	54	KED
⌈>	**In**	**115**		ug/L			1398199	1370672	2	Standard
⌈	**Ag**	**107**	**0.006**	ug/L	0.001	19	89	203	9	Standard
⌊	**Ba**	**135**	**0.018**	ug/L	0.001	6	25	174	5	Standard
⌈	**Ba**	**137**	**0.017**	ug/L	0.001	6	38	295	8	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2520607	1	Standard
⌈	**Tl**	**205**	**0.025**	ug/L	0.001	4	160	2467	3	Standard
⌊	**Pb**	**208**	**0.031**	ug/L	0.001	3	501	4208	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 15:59:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1344557	0	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	153	5	12	82	Standard
	C	**13**		ug/L			26820	165321	1	Standard
	Cl	**37**		ug/L			8490587	17573595	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1562982	0	Standard
[	**Na**	**23**	**17971.767**	ug/L	193.375	1	14812	529130971	0	Standard
[	**Mg**	**24**	**17956.580**	ug/L	202.364	1	2714	625651167	1	Standard
[	**Al**	**27**	**18208.736**	ug/L	277.791	1	4093	587891323	1	Standard
[	**K**	**39**	**16229.556**	ug/L	695.139	4	1124156	556938400	3	Standard
[	**Ca**	**44**	**18872.894**	ug/L	251.142	1	18718	26135097	1	Standard
[	**V**	**51**	**-0.280**	ug/L	0.102	36	7142	-2670	145	Standard
[	**V-1**	**51**	**2.885**	ug/L	0.052	1	449	111067	2	Standard
[	**Cr**	**52**	**19.858**	ug/L	0.258	1	21146	683357	1	Standard
[	**Cr**	**53**	**29.260**	ug/L	0.729	2	248	113591	2	Standard
[	**Fe**	**54**	**19514.588**	ug/L	106.075	0	98444	62550759	0	Standard
[	**Fe**	**57**	**20653.231**	ug/L	202.212	0	26183	23634994	0	Standard
[	**Mn**	**55**	**19.759**	ug/L	0.294	1	711	984619	1	Standard
[>	**Ge**	**72**		ug/L			104395	89842	1	KED
[	**Co**	**59**	**20.791**	ug/L	0.394	1	3	120327	0	KED
[	**Ni**	**60**	**20.547**	ug/L	0.116	0	19	33663	1	KED
[	**Ni**	**62**	**20.414**	ug/L	0.255	1	3	5436	1	KED
[	**Cu**	**63**	**20.026**	ug/L	0.243	1	76	94146	2	KED
[	**Cu**	**65**	**19.899**	ug/L	0.131	0	36	46448	1	KED
[	**Zn**	**66**	**19.292**	ug/L	0.171	0	35	13797	2	KED
[	**Zn**	**67**	**18.097**	ug/L	0.554	3	9	2115	1	KED
[	**As**	**75**	**19.375**	ug/L	0.289	1	5	6800	2	KED
[	**Se**	**78**	**-0.035**	ug/L	0.107	310	17	13	31	KED
	Y	**89**		ug/L			797774	774024	1	Standard
	Kr	**83**		ug/L			368	462	2	Standard
[>	**In-1**	**115**		ug/L			31030	27111	1	KED
[	**Mo**	**98**	**399.897**	ug/L	6.165	1	32	737918	0	KED
[	**Cd**	**111**	**19.763**	ug/L	0.107	0	3	8657	1	KED
[	**Cd**	**114**	**19.907**	ug/L	0.174	0	3	22639	1	KED
[>	**In**	**115**		ug/L			1398199	1420597	2	Standard
[	**Ag**	**107**	**17.593**	ug/L	0.546	3	89	376421	1	Standard
[	**Ba**	**135**	**0.034**	ug/L	0.000	1	25	319	2	Standard
[	**Ba**	**137**	**0.030**	ug/L	0.002	7	38	512	8	Standard
[>	**Tb**	**159**		ug/L			2712647	2684402	1	Standard
[	**Tl**	**205**	**0.010**	ug/L	0.001	6	160	1170	4	Standard
[	**Pb**	**208**	**0.019**	ug/L	0.000	2	501	2889	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:03:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1290426	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	70	5	15	45	Standard
	C	**13**		ug/L			26820	34291	2	Standard
	Cl	**37**		ug/L			8490587	8320052	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1453386	0	Standard
⌈	**Na**	**23**	**2.281**	ug/L	0.094	4	14812	77807	2	Standard
⌈	**Mg**	**24**	**0.340**	ug/L	0.020	5	2714	13825	4	Standard
⌈	**Al**	**27**	**0.488**	ug/L	0.033	6	4093	18906	4	Standard
⌈	**K**	**39**	**0.699**	ug/L	0.187	26	1124156	1188350	1	Standard
⌈	**Ca**	**44**	**5.107**	ug/L	0.180	3	18718	25986	0	Standard
⌈	**V**	**51**	**-0.021**	ug/L	0.006	29	7142	6653	3	Standard
⌈	**V-1**	**51**	**0.157**	ug/L	0.010	6	449	6067	4	Standard
⌈	**Cr**	**52**	**-0.032**	ug/L	0.006	18	21146	20950	1	Standard
⌈	**Cr**	**53**	**0.534**	ug/L	0.052	9	248	2180	8	Standard
⌈	**Fe**	**54**	**-0.774**	ug/L	0.404	52	98444	99810	1	Standard
⌈	**Fe**	**57**	**-4.150**	ug/L	0.454	10	26183	22750	2	Standard
⌊	**Mn**	**55**	**0.026**	ug/L	0.001	3	711	1944	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	92604	0	KED
⌈	**Co**	**59**	**0.003**	ug/L	0.001	50	3	20	41	KED
⌈	**Ni**	**60**	**0.093**	ug/L	0.011	11	19	174	11	KED
⌈	**Ni**	**62**	**0.117**	ug/L	0.047	39	3	34	36	KED
⌈	**Cu**	**63**	**0.036**	ug/L	0.002	6	76	240	4	KED
⌈	**Cu**	**65**	**0.030**	ug/L	0.004	13	36	105	9	KED
⌈	**Zn**	**66**	**0.637**	ug/L	0.064	10	35	500	9	KED
⌈	**Zn**	**67**	**0.638**	ug/L	0.076	11	9	85	10	KED
⌈	**As**	**75**	**0.004**	ug/L	0.002	56	5	6	13	KED
⌊	**Se**	**78**	**-0.066**	ug/L	0.059	89	17	12	18	KED
	Y	**89**		ug/L			797774	747708	2	Standard
	Kr	**83**		ug/L			368	341	7	Standard
⌈>	**In-1**	**115**		ug/L			31030	27399	1	KED
⌈	**Mo**	**98**	**0.111**	ug/L	0.017	15	32	235	13	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.002	869	3	3	31	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	252	3	3	34	KED
⌈>	**In**	**115**		ug/L			1398199	1443184	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	278	89	101	24	Standard
⌈	**Ba**	**135**	**0.015**	ug/L	0.002	15	25	158	12	Standard
⌊	**Ba**	**137**	**0.015**	ug/L	0.002	12	38	275	11	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2513145	0	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	1	160	403	1	Standard
⌊	**Pb**	**208**	**0.032**	ug/L	0.002	5	501	4284	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:10:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1297774	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	218	5	4	65	Standard
	C	**13**		ug/L			26820	28170	1	Standard
	Cl	**37**		ug/L			8490587	8182985	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1446492	2	Standard
⌈	**Na**	**23**	**0.606**	ug/L	0.041	6	14812	31783	2	Standard
⌈	**Mg**	**24**	**0.089**	ug/L	0.011	12	2714	5666	4	Standard
⌈	**Al**	**27**	**0.738**	ug/L	0.019	2	4093	26281	0	Standard
⌈	**K**	**39**	**-0.760**	ug/L	0.826	108	1124156	1136144	1	Standard
⌈	**Ca**	**44**	**-4.367**	ug/L	0.331	7	18718	13726	0	Standard
⌈	**V**	**51**	**-0.021**	ug/L	0.003	12	7142	6629	1	Standard
⌈	**V-1**	**51**	**0.070**	ug/L	0.003	4	449	2937	2	Standard
⌈	**Cr**	**52**	**-0.050**	ug/L	0.012	23	21146	20286	0	Standard
⌈	**Cr**	**53**	**0.239**	ug/L	0.016	6	248	1111	2	Standard
⌈	**Fe**	**54**	**-2.184**	ug/L	0.425	19	98444	95153	1	Standard
⌈	**Fe**	**57**	**-3.687**	ug/L	0.490	13	26183	23125	1	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.002	17	711	1168	6	Standard
⌈>	**Ge**	**72**		ug/L			104395	91849	1	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	276	3	2	86	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.006	259	19	20	45	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.004	45	3	5	21	KED
⌈	**Cu**	**63**	**0.008**	ug/L	0.003	30	76	107	9	KED
⌈	**Cu**	**65**	**0.005**	ug/L	0.005	97	36	43	26	KED
⌈	**Zn**	**66**	**0.782**	ug/L	0.048	6	35	601	5	KED
⌈	**Zn**	**67**	**0.691**	ug/L	0.056	8	9	90	8	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.001	107	5	4	13	KED
⌊	**Se**	**78**	**-0.016**	ug/L	0.052	319	17	14	15	KED
	Y	**89**		ug/L			797774	742618	2	Standard
	Kr	**83**		ug/L			368	323	12	Standard
⌈>	**In-1**	**115**		ug/L			31030	26171	3	KED
⌈	**Mo**	**98**	**0.020**	ug/L	0.004	19	32	61	10	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.002	309	3	2	33	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.001	789	3	2	48	KED
⌈>	**In**	**115**		ug/L			1398199	1416619	2	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.000	16	89	79	2	Standard
⌈	**Ba**	**135**	**0.006**	ug/L	0.002	27	25	76	17	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.001	10	38	126	6	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2524184	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	24	160	309	12	Standard
⌊	**Pb**	**208**	**0.018**	ug/L	0.001	5	501	2607	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:21:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1310340	0	Standard
[	**Be**	**9**	**50.177**	ug/L	1.046	2	5	413409	1	Standard
	C	**13**		ug/L			26820	26775	1	Standard
	Cl	**37**		ug/L			8490587	8955125	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1432937	1	Standard
[	**Na**	**23**	**4587.763**	ug/L	13.876	0	14812	123849825	1	Standard
[	**Mg**	**24**	**4647.871**	ug/L	65.882	1	2714	148463825	1	Standard
[	**Al**	**27**	**4611.052**	ug/L	36.026	0	4093	136499994	1	Standard
[	**K**	**39**	**4759.241**	ug/L	71.928	1	1124156	150548302	1	Standard
[	**Ca**	**44**	**4886.552**	ug/L	50.677	1	18718	6217355	0	Standard
[	**V**	**51**	**49.229**	ug/L	0.165	0	7142	1720270	1	Standard
[	**V-1**	**51**	**49.182**	ug/L	0.145	0	449	1728442	0	Standard
[	**Cr**	**52**	**48.863**	ug/L	0.154	0	21146	1509952	0	Standard
[	**Cr**	**53**	**48.726**	ug/L	0.426	0	248	173237	1	Standard
[	**Fe**	**54**	**4876.147**	ug/L	52.570	1	98444	14403593	0	Standard
[	**Fe**	**57**	**5006.939**	ug/L	52.111	1	26183	5273025	0	Standard
[	**Mn**	**55**	**47.949**	ug/L	0.496	1	711	2189284	0	Standard
[>	**Ge**	**72**		ug/L			104395	91258	2	KED
[	**Co**	**59**	**50.395**	ug/L	0.343	0	3	296281	2	KED
[	**Ni**	**60**	**50.424**	ug/L	0.261	0	19	83896	2	KED
[	**Ni**	**62**	**50.094**	ug/L	0.589	1	3	13547	2	KED
[	**Cu**	**63**	**50.963**	ug/L	0.737	1	76	243178	1	KED
[	**Cu**	**65**	**50.808**	ug/L	0.090	0	36	120421	2	KED
[	**Zn**	**66**	**51.183**	ug/L	0.380	0	35	37129	2	KED
[	**Zn**	**67**	**49.841**	ug/L	0.735	1	9	5907	3	KED
[	**As**	**75**	**49.457**	ug/L	0.023	0	5	17624	2	KED
[	**Se**	**78**	**50.667**	ug/L	0.060	0	17	2096	2	KED
	Y	**89**		ug/L			797774	746977	0	Standard
	Kr	**83**		ug/L			368	337	11	Standard
[>	**In-1**	**115**		ug/L			31030	28284	2	KED
[	**Mo**	**98**	**47.707**	ug/L	1.473	3	32	91841	1	KED
[	**Cd**	**111**	**49.131**	ug/L	0.558	1	3	22446	0	KED
[	**Cd**	**114**	**48.870**	ug/L	0.526	1	3	57969	0	KED
[>	**In**	**115**		ug/L			1398199	1411934	2	Standard
[	**Ag**	**107**	**48.609**	ug/L	1.550	3	89	1033515	0	Standard
[	**Ba**	**135**	**45.445**	ug/L	0.942	2	25	393855	0	Standard
[	**Ba**	**137**	**44.171**	ug/L	0.491	1	38	685734	1	Standard
[>	**Tb**	**159**		ug/L			2712647	2574778	0	Standard
[	**Tl**	**205**	**49.684**	ug/L	0.750	1	160	4649723	1	Standard
[	**Pb**	**208**	**52.095**	ug/L	0.601	1	501	6406103	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:29:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1313164	0	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	44	5	10	20	Standard
	C	**13**		ug/L			26820	26085	2	Standard
	Cl	**37**		ug/L			8490587	8486028	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1427410	2	Standard
⌈	**Na**	**23**	**0.041**	ug/L	0.011	27	14812	16183	0	Standard
⌈	**Mg**	**24**	**0.010**	ug/L	0.001	7	2714	3097	1	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.002	12	4093	4625	0	Standard
⌈	**K**	**39**	**0.638**	ug/L	0.675	105	1124156	1164933	0	Standard
⌈	**Ca**	**44**	**-6.552**	ug/L	0.033	0	18718	10790	2	Standard
⌈	**V**	**51**	**-0.016**	ug/L	0.004	25	7142	6716	0	Standard
⌈	**V-1**	**51**	**0.026**	ug/L	0.002	8	449	1355	3	Standard
⌈	**Cr**	**52**	**-0.055**	ug/L	0.015	26	21146	19855	0	Standard
⌈	**Cr**	**53**	**0.078**	ug/L	0.011	13	248	529	5	Standard
⌈	**Fe**	**54**	**-1.081**	ug/L	0.182	16	98444	97125	1	Standard
⌈	**Fe**	**57**	**-4.780**	ug/L	0.223	4	26183	21685	2	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	1850	711	727	5	Standard
⌈>	**Ge**	**72**		ug/L			104395	93326	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	1087	3	3	132	KED
⌈	**Ni**	**60**	**-0.003**	ug/L	0.002	58	19	12	24	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.018	212	3	5	94	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.000	19	76	74	2	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.004	172	36	38	27	KED
⌈	**Zn**	**66**	**0.003**	ug/L	0.004	155	35	33	6	KED
⌈	**Zn**	**67**	**-0.044**	ug/L	0.009	19	9	3	34	KED
⌈	**As**	**75**	**0.000**	ug/L	0.007	3449	5	4	52	KED
⌊	**Se**	**78**	**-0.080**	ug/L	0.042	51	17	12	13	KED
	Y	**89**		ug/L			797774	738010	3	Standard
	Kr	**83**		ug/L			368	306	10	Standard
⌈>	**In-1**	**115**		ug/L			31030	27188	1	KED
⌈	**Mo**	**98**	**0.023**	ug/L	0.009	40	32	71	22	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	207	3	2	98	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.000	3	3	1	1	KED
⌈>	**In**	**115**		ug/L			1398199	1408648	1	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	368	89	95	19	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	163	25	18	63	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	2578	38	38	24	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2492948	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	8	160	353	4	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	46	501	537	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:37:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1302100	1335725	1	Standard
⌊	Be	9	0.001	ug/L	0.000	62	5	11	28	Standard
	C	13		ug/L			26820	47711	1	Standard
	Cl	37		ug/L			8490587	8337694	0	Standard
⌈>	Sc	45		ug/L			1401124	1418180	2	Standard
|	Na	23	1.811	ug/L	0.044	2	14812	63343	0	Standard
|	Mg	24	0.469	ug/L	0.013	2	2714	17568	0	Standard
|	Al	27	1.436	ug/L	0.031	2	4093	46192	0	Standard
|	K	39	0.766	ug/L	0.990	129	1124156	1161409	2	Standard
|	Ca	44	-3.100	ug/L	0.395	12	18718	15046	1	Standard
|	V	51	0.003	ug/L	0.009	326	7142	7325	3	Standard
|	V-1	51	0.037	ug/L	0.001	3	449	1729	1	Standard
|	Cr	52	0.086	ug/L	0.022	26	21146	23983	1	Standard
|	Cr	53	0.190	ug/L	0.007	3	248	920	3	Standard
|	Fe	54	-4.623	ug/L	1.127	24	98444	86174	1	Standard
|	Fe	57	-1.432	ug/L	0.876	61	26183	25004	1	Standard
⌊	Mn	55	0.057	ug/L	0.004	6	711	3287	3	Standard
⌈>	Ge	72		ug/L			104395	93025	3	KED
|	Co	59	-0.000	ug/L	0.000	53	3	1	86	KED
|	Ni	60	0.084	ug/L	0.005	5	19	160	7	KED
|	Ni	62	0.100	ug/L	0.026	25	3	30	25	KED
|	Cu	63	0.024	ug/L	0.002	9	76	184	4	KED
|	Cu	65	0.024	ug/L	0.003	11	36	91	7	KED
|	Zn	66	0.191	ug/L	0.025	12	35	172	8	KED
|	Zn	67	0.098	ug/L	0.029	29	9	20	19	KED
|	As	75	-0.004	ug/L	0.004	99	5	3	37	KED
⌊	Se	78	-0.072	ug/L	0.012	16	17	12	1	KED
	Y	89		ug/L			797774	729691	0	Standard
	Kr	83		ug/L			368	309	2	Standard
⌈>	In-1	115		ug/L			31030	28022	1	KED
|	Mo	98	0.017	ug/L	0.004	23	32	62	11	KED
|	Cd	111	-0.005	ug/L	0.002	38	3	0	100	KED
⌊	Cd	114	0.001	ug/L	0.001	75	3	4	24	KED
⌈>	In	115		ug/L			1398199	1403229	1	Standard
|	Ag	107	0.000	ug/L	0.001	312	89	93	11	Standard
|	Ba	135	0.024	ug/L	0.001	2	25	231	0	Standard
⌊	Ba	137	0.024	ug/L	0.001	4	38	408	5	Standard
⌈>	Tb	159		ug/L			2712647	2538284	0	Standard
|	Tl	205	0.001	ug/L	0.000	10	160	262	4	Standard
⌊	Pb	208	0.004	ug/L	0.000	8	501	939	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:42:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1291200	1	Standard
[	Be	9	26.074	ug/L	0.276	1	5	211709	1	Standard
	C	13		ug/L			26820	45470	0	Standard
	Cl	37		ug/L			8490587	8945542	0	Standard
[>	Sc	45		ug/L			1401124	1404881	0	Standard
[	Na	23	4772.322	ug/L	14.238	0	14812	126311542	1	Standard
[	Mg	24	4875.226	ug/L	35.456	0	2714	152686138	1	Standard
[	Al	27	4860.940	ug/L	77.532	1	4093	141062715	0	Standard
[	K	39	4850.000	ug/L	25.625	0	1124156	150410850	1	Standard
[	Ca	44	5137.529	ug/L	27.440	0	18718	6408112	0	Standard
[	V	51	25.075	ug/L	0.573	2	7142	862678	2	Standard
[	V-1	51	25.137	ug/L	0.302	1	449	866370	1	Standard
[	Cr	52	25.245	ug/L	0.360	1	21146	775158	2	Standard
[	Cr	53	25.434	ug/L	0.561	2	248	88773	1	Standard
[	Fe	54	5077.447	ug/L	2.714	0	98444	14701516	0	Standard
[	Fe	57	5194.884	ug/L	36.088	0	26183	5363347	1	Standard
[	Mn	55	26.140	ug/L	0.088	0	711	1170519	0	Standard
[>	Ge	72		ug/L			104395	92983	1	KED
[	Co	59	26.208	ug/L	0.178	0	3	157005	0	KED
[	Ni	60	25.651	ug/L	0.174	0	19	43494	1	KED
[	Ni	62	25.397	ug/L	0.280	1	3	6999	0	KED
[	Cu	63	25.886	ug/L	0.221	0	76	125914	0	KED
[	Cu	65	25.847	ug/L	0.370	1	36	62429	0	KED
[	Zn	66	85.893	ug/L	0.729	0	35	63461	1	KED
[	Zn	67	81.819	ug/L	0.593	0	9	9872	0	KED
[	As	75	25.718	ug/L	0.432	1	5	9339	1	KED
[	Se	78	85.988	ug/L	1.446	1	17	3614	2	KED
	Y	89		ug/L			797774	737270	1	Standard
	Kr	83		ug/L			368	342	11	Standard
[>	In-1	115		ug/L			31030	27070	0	KED
[	Mo	98	-0.001	ug/L	0.008	1134	32	26	58	KED
[	Cd	111	26.303	ug/L	0.156	0	3	11504	0	KED
[	Cd	114	26.404	ug/L	0.268	1	3	29981	0	KED
[>	In	115		ug/L			1398199	1376620	3	Standard
[	Ag	107	24.536	ug/L	0.290	1	89	508910	3	Standard
[	Ba	135	23.469	ug/L	0.521	2	25	198297	1	Standard
[	Ba	137	23.105	ug/L	0.409	1	38	349670	1	Standard
[>	Tb	159		ug/L			2712647	2516677	1	Standard
[	Tl	205	26.493	ug/L	0.263	0	160	2423250	0	Standard
[	Pb	208	27.575	ug/L	0.102	0	501	3314701	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:47:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1302100	1310725	0	Standard
⌊	Be	9	0.002	ug/L	0.001	67	5	19	47	Standard
	C	13		ug/L			26820	44319	1	Standard
	Cl	37		ug/L			8490587	8479135	0	Standard
⌈>	Sc	45		ug/L			1401124	1412579	0	Standard
⌈	Na	23	5.770	ug/L	0.189	3	14812	168471	2	Standard
⌈	Mg	24	0.573	ug/L	0.054	9	2714	20780	8	Standard
⌈	Al	27	1.043	ug/L	0.038	3	4093	34549	3	Standard
⌈	K	39	4.956	ug/L	0.560	11	1124156	1286731	1	Standard
⌈	Ca	44	-3.008	ug/L	0.148	4	18718	15110	1	Standard
⌈	V	51	0.005	ug/L	0.002	43	7142	7383	1	Standard
⌈	V-1	51	0.026	ug/L	0.001	3	449	1354	2	Standard
⌈	Cr	52	0.084	ug/L	0.006	7	21146	23850	0	Standard
⌈	Cr	53	0.147	ug/L	0.004	2	248	767	1	Standard
⌈	Fe	54	-1.998	ug/L	0.377	18	98444	93470	1	Standard
⌈	Fe	57	-4.595	ug/L	0.425	9	26183	21650	2	Standard
⌊	Mn	55	0.200	ug/L	0.004	1	711	9700	1	Standard
⌈>	Ge	72		ug/L			104395	94527	0	KED
⌈	Co	59	0.001	ug/L	0.001	83	3	8	48	KED
⌈	Ni	60	0.012	ug/L	0.007	55	19	38	29	KED
⌈	Ni	62	0.021	ug/L	0.010	47	3	8	32	KED
⌈	Cu	63	0.022	ug/L	0.009	40	76	176	24	KED
⌈	Cu	65	0.021	ug/L	0.009	42	36	85	25	KED
⌈	Zn	66	0.139	ug/L	0.031	22	35	136	16	KED
⌈	Zn	67	0.127	ug/L	0.019	14	9	24	9	KED
⌈	As	75	-0.001	ug/L	0.003	322	5	4	22	KED
⌊	Se	78	-0.089	ug/L	0.066	74	17	11	23	KED
	Y	89		ug/L			797774	735405	1	Standard
	Kr	83		ug/L			368	314	2	Standard
⌈>	In-1	115		ug/L			31030	27513	0	KED
⌈	Mo	98	-0.000	ug/L	0.002	1266	32	28	12	KED
⌈	Cd	111	-0.003	ug/L	0.003	125	3	2	65	KED
⌊	Cd	114	0.000	ug/L	0.003	972	3	3	100	KED
⌈>	In	115		ug/L			1398199	1377902	2	Standard
⌈	Ag	107	0.001	ug/L	0.000	24	89	117	4	Standard
⌈	Ba	135	0.003	ug/L	0.002	91	25	47	42	Standard
⌊	Ba	137	0.003	ug/L	0.001	29	38	80	14	Standard
⌈>	Tb	159		ug/L			2712647	2474318	1	Standard
⌈	Tl	205	0.003	ug/L	0.000	15	160	370	7	Standard
⌊	Pb	208	0.003	ug/L	0.001	19	501	780	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:52:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1319043	1	Standard
[	Be	9	25.473	ug/L	0.526	2	5	211228	0	Standard
	C	13		ug/L			26820	51588	0	Standard
	Cl	37		ug/L			8490587	8963158	0	Standard
[>	Sc	45		ug/L			1401124	1413239	0	Standard
[	Na	23	4739.745	ug/L	57.930	1	14812	126193972	1	Standard
[	Mg	24	4895.111	ug/L	49.375	1	2714	154222348	1	Standard
[	Al	27	4851.731	ug/L	63.261	1	4093	141649188	1	Standard
[	K	39	4877.765	ug/L	115.092	2	1124156	152161589	2	Standard
[	Ca	44	5019.445	ug/L	65.297	1	18718	6298259	0	Standard
[	V	51	24.702	ug/L	0.293	1	7142	854965	1	Standard
[	V-1	51	24.731	ug/L	0.299	1	449	857466	1	Standard
[	Cr	52	24.807	ug/L	0.272	1	21146	766601	1	Standard
[	Cr	53	24.896	ug/L	0.244	0	248	87425	1	Standard
[	Fe	54	5018.792	ug/L	20.787	0	98444	14619342	0	Standard
[	Fe	57	5148.427	ug/L	70.178	1	26183	5347145	1	Standard
[	Mn	55	26.016	ug/L	0.179	0	711	1171964	1	Standard
[>	Ge	72		ug/L			104395	87000	13	KED
[	Co	59	27.612	ug/L	3.898	14	3	152811	0	KED
[	Ni	60	27.561	ug/L	3.834	13	19	43174	0	KED
[	Ni	62	27.677	ug/L	3.502	12	3	7055	1	KED
[	Cu	63	27.377	ug/L	3.427	12	76	123194	2	KED
[	Cu	65	27.454	ug/L	3.389	12	36	61360	2	KED
[	Zn	66	89.470	ug/L	10.194	11	35	61217	3	KED
[	Zn	67	86.216	ug/L	10.534	12	9	9626	2	KED
[	As	75	26.883	ug/L	3.411	12	5	9030	1	KED
[	Se	78	89.668	ug/L	9.275	10	17	3493	4	KED
	Y	89		ug/L			797774	743204	1	Standard
	Kr	83		ug/L			368	353	3	Standard
[>	In-1	115		ug/L			31030	27559	1	KED
[	Mo	98	-0.002	ug/L	0.005	203	32	23	38	KED
[	Cd	111	26.280	ug/L	0.470	1	3	11700	0	KED
[	Cd	114	25.355	ug/L	0.094	0	3	29310	1	KED
[>	In	115		ug/L			1398199	1363400	1	Standard
[	Ag	107	25.117	ug/L	0.696	2	89	516095	4	Standard
[	Ba	135	23.810	ug/L	0.337	1	25	199342	2	Standard
[	Ba	137	23.264	ug/L	0.147	0	38	348827	1	Standard
[>	Tb	159		ug/L			2712647	2557281	1	Standard
[	Tl	205	26.065	ug/L	0.402	1	160	2422568	0	Standard
[	Pb	208	27.136	ug/L	0.138	0	501	3314563	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0359-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 16:57:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1297190	1	Standard
[	Be	9	0.001	ug/L	0.000	14	5	14	7	Standard
	C	13		ug/L			26820	52867	1	Standard
	Cl	37		ug/L			8490587	8698103	0	Standard
[>	Sc	45		ug/L			1401124	1457709	1	Standard
[	Na	23	3054.306	ug/L	62.490	2	14812	83884885	2	Standard
[	Mg	24	248.855	ug/L	4.810	1	2714	8089529	2	Standard
[	Al	27	14.538	ug/L	0.232	1	4093	442006	1	Standard
[	K	39	1021.394	ug/L	17.629	1	1124156	33785895	0	Standard
[	Ca	44	12721.931	ug/L	201.479	1	18718	16435506	1	Standard
[	V	51	0.482	ug/L	0.008	1	7142	24479	1	Standard
[	V-1	51	0.563	ug/L	0.012	2	449	20599	2	Standard
[	Cr	52	0.587	ug/L	0.017	2	21146	40178	0	Standard
[	Cr	53	0.842	ug/L	0.028	3	248	3299	3	Standard
[	Fe	54	98.000	ug/L	2.617	2	98444	394848	1	Standard
[	Fe	57	115.984	ug/L	2.886	2	26183	150880	2	Standard
[	Mn	55	22.016	ug/L	0.364	1	711	1022958	1	Standard
[>	Ge	72		ug/L			104395	92566	0	KED
[	Co	59	0.212	ug/L	0.010	4	3	1266	5	KED
[	Ni	60	0.719	ug/L	0.010	1	19	1229	2	KED
[	Ni	62	0.765	ug/L	0.121	15	3	212	16	KED
[	Cu	63	6.530	ug/L	0.098	1	76	31671	0	KED
[	Cu	65	6.586	ug/L	0.152	2	36	15862	2	KED
[	Zn	66	464.966	ug/L	3.520	0	35	341879	1	KED
[	Zn	67	439.175	ug/L	1.357	0	9	52721	1	KED
[	As	75	1.235	ug/L	0.067	5	5	451	5	KED
[	Se	78	0.000	ug/L	0.060	21520	17	15	16	KED
	Y	89		ug/L			797774	738703	1	Standard
	Kr	83		ug/L			368	321	8	Standard
[>	In-1	115		ug/L			31030	26889	1	KED
[	Mo	98	0.916	ug/L	0.044	4	32	1704	3	KED
[	Cd	111	1.291	ug/L	0.047	3	3	564	5	KED
[	Cd	114	1.295	ug/L	0.053	4	3	1462	2	KED
[>	In	115		ug/L			1398199	1395821	2	Standard
[	Ag	107	0.003	ug/L	0.001	19	89	144	8	Standard
[	Ba	135	22.991	ug/L	0.352	1	25	197010	1	Standard
[	Ba	137	22.563	ug/L	0.221	0	38	346307	1	Standard
[>	Tb	159		ug/L			2712647	2522804	0	Standard
[	Tl	205	0.010	ug/L	0.000	2	160	1037	2	Standard
[	Pb	208	0.268	ug/L	0.002	0	501	32789	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0242-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:05:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1299820	1	Standard
[	**Be**	**9**	**0.005**	ug/L	0.002	33	5	46	28	Standard
	C	**13**		ug/L			26820	67159	1	Standard
	Cl	**37**		ug/L			8490587	7867244	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1585309	1	Standard
[	**Na**	**23**	**1888.292**	ug/L	6.096	0	14812	56404102	1	Standard
[	**Mg**	**24**	**1224.228**	ug/L	13.560	1	2714	43259992	0	Standard
[	**Al**	**27**	**85.403**	ug/L	1.615	1	4093	2801248	2	Standard
[	**K**	**39**	**1111.203**	ug/L	9.472	0	1124156	39867058	2	Standard
[	**Ca**	**44**	**5718.837**	ug/L	129.376	2	18718	8044922	0	Standard
[	**V**	**51**	**0.671**	ug/L	0.002	0	7142	33901	1	Standard
[	**V-1**	**51**	**0.757**	ug/L	0.006	0	449	29916	1	Standard
[	**Cr**	**52**	**0.193**	ug/L	0.011	5	21146	30434	2	Standard
[	**Cr**	**53**	**0.479**	ug/L	0.019	3	248	2164	4	Standard
[	**Fe**	**54**	**154.547**	ug/L	1.307	0	98444	612918	1	Standard
[	**Fe**	**57**	**157.637**	ug/L	3.198	2	26183	212357	2	Standard
[	**Mn**	**55**	**21.612**	ug/L	0.146	0	711	1092185	1	Standard
[>	**Ge**	**72**		ug/L			104395	91024	3	KED
[	**Co**	**59**	**0.667**	ug/L	0.011	1	3	3913	3	KED
[	**Ni**	**60**	**1.927**	ug/L	0.040	2	19	3214	5	KED
[	**Ni**	**62**	**1.921**	ug/L	0.115	5	3	521	8	KED
[	**Cu**	**63**	**3.747**	ug/L	0.039	1	76	17893	2	KED
[	**Cu**	**65**	**3.746**	ug/L	0.024	0	36	8884	3	KED
[	**Zn**	**66**	**193.847**	ug/L	1.570	0	35	140177	3	KED
[	**Zn**	**67**	**183.087**	ug/L	2.864	1	9	21624	5	KED
[	**As**	**75**	**0.224**	ug/L	0.007	2	5	84	6	KED
[	**Se**	**78**	**-0.093**	ug/L	0.014	14	17	11	8	KED
	Y	**89**		ug/L			797774	742078	0	Standard
	Kr	**83**		ug/L			368	311	10	Standard
[>	**In-1**	**115**		ug/L			31030	27868	1	KED
[	**Mo**	**98**	**0.158**	ug/L	0.010	6	32	328	6	KED
[	**Cd**	**111**	**0.037**	ug/L	0.008	22	3	20	19	KED
[	**Cd**	**114**	**0.046**	ug/L	0.007	14	3	56	14	KED
[>	**In**	**115**		ug/L			1398199	1393420	0	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.002	84	89	134	28	Standard
[	**Ba**	**135**	**8.562**	ug/L	0.137	1	25	73276	2	Standard
[	**Ba**	**137**	**8.418**	ug/L	0.117	1	38	129027	2	Standard
[>	**Tb**	**159**		ug/L			2712647	2513354	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	20	160	262	7	Standard
[	**Pb**	**208**	**0.164**	ug/L	0.004	2	501	20206	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0379-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:12:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1311211	0	Standard
[	Be	9	0.001	ug/L	0.000	8	5	17	6	Standard
	C	13		ug/L			26820	55839	1	Standard
	Cl	37		ug/L			8490587	8392092	0	Standard
[>	Sc	45		ug/L			1401124	1439678	0	Standard
[	Na	23	3125.253	ug/L	50.032	1	14812	84773475	1	Standard
[	Mg	24	254.982	ug/L	4.462	1	2714	8185859	1	Standard
[	Al	27	15.674	ug/L	0.018	0	4093	470358	0	Standard
[	K	39	1034.902	ug/L	5.747	0	1124156	33798222	0	Standard
[	Ca	44	12962.964	ug/L	109.700	0	18718	16540667	1	Standard
[	V	51	0.501	ug/L	0.008	1	7142	24869	1	Standard
[	V-1	51	0.612	ug/L	0.006	0	449	22083	1	Standard
[	Cr	52	0.646	ug/L	0.011	1	21146	41486	1	Standard
[	Cr	53	0.993	ug/L	0.028	2	248	3797	2	Standard
[	Fe	54	92.309	ug/L	0.665	0	98444	373215	0	Standard
[	Fe	57	111.614	ug/L	1.159	1	26183	144414	1	Standard
[	Mn	55	19.989	ug/L	0.494	2	711	917518	2	Standard
[>	Ge	72		ug/L			104395	91733	2	KED
[	Co	59	0.204	ug/L	0.007	3	3	1206	2	KED
[	Ni	60	0.790	ug/L	0.013	1	19	1337	0	KED
[	Ni	62	0.820	ug/L	0.110	13	3	226	15	KED
[	Cu	63	6.976	ug/L	0.038	0	76	33523	1	KED
[	Cu	65	6.937	ug/L	0.138	1	36	16553	2	KED
[	Zn	66	480.023	ug/L	3.189	0	35	349733	1	KED
[	Zn	67	454.397	ug/L	0.703	0	9	54055	1	KED
[	As	75	1.232	ug/L	0.015	1	5	445	0	KED
[	Se	78	-0.032	ug/L	0.017	54	17	13	6	KED
	Y	89		ug/L			797774	736971	1	Standard
	Kr	83		ug/L			368	307	3	Standard
[>	In-1	115		ug/L			31030	27427	0	KED
[	Mo	98	0.895	ug/L	0.029	3	32	1698	2	KED
[	Cd	111	1.326	ug/L	0.042	3	3	590	3	KED
[	Cd	114	1.288	ug/L	0.057	4	3	1484	3	KED
[>	In	115		ug/L			1398199	1387262	1	Standard
[	Ag	107	0.001	ug/L	0.000	28	89	119	6	Standard
[	Ba	135	23.383	ug/L	0.172	0	25	199190	1	Standard
[	Ba	137	23.261	ug/L	0.282	1	38	354902	2	Standard
[>	Tb	159		ug/L			2712647	2574215	0	Standard
[	Tl	205	0.008	ug/L	0.000	2	160	935	2	Standard
[	Pb	208	0.265	ug/L	0.002	0	501	33106	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0379-01RE1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 17:21:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1296068	1	Standard
[	**Be**	**9**	**0.000**	ug/L	0.000	93	5	8	32	Standard
	C	**13**		ug/L			26820	35335	0	Standard
	Cl	**37**		ug/L			8490587	8591018	1	Standard
[>	**Sc**	**45**		ug/L			1401124	1396171	1	Standard
[	**Na**	**23**	**651.498**	ug/L	6.241	0	14812	17148749	1	Standard
[	**Mg**	**24**	**55.369**	ug/L	0.525	0	2714	1725871	0	Standard
[	**Al**	**27**	**3.410**	ug/L	0.085	2	4093	102425	1	Standard
[	**K**	**39**	**221.158**	ug/L	2.188	0	1124156	7884722	0	Standard
[	**Ca**	**44**	**2712.689**	ug/L	50.410	1	18718	3371516	2	Standard
[	**V**	**51**	**0.089**	ug/L	0.008	9	7142	10132	2	Standard
[	**V-1**	**51**	**0.138**	ug/L	0.003	2	449	5179	1	Standard
[	**Cr**	**52**	**0.088**	ug/L	0.013	15	21146	23682	1	Standard
[	**Cr**	**53**	**0.244**	ug/L	0.011	4	248	1092	2	Standard
[	**Fe**	**54**	**19.329**	ug/L	0.912	4	98444	153346	2	Standard
[	**Fe**	**57**	**13.815**	ug/L	0.319	2	26183	40194	0	Standard
[	**Mn**	**55**	**4.125**	ug/L	0.012	0	711	184164	0	Standard
[>	**Ge**	**72**		ug/L			104395	93620	3	KED
[	**Co**	**59**	**0.037**	ug/L	0.003	7	3	227	10	KED
[	**Ni**	**60**	**0.169**	ug/L	0.018	10	19	306	12	KED
[	**Ni**	**62**	**0.196**	ug/L	0.006	2	3	57	5	KED
[	**Cu**	**63**	**1.429**	ug/L	0.025	1	76	7062	1	KED
[	**Cu**	**65**	**1.411**	ug/L	0.023	1	36	3462	2	KED
[	**Zn**	**66**	**101.348**	ug/L	1.629	1	35	75364	1	KED
[	**Zn**	**67**	**95.927**	ug/L	2.287	2	9	11647	1	KED
[	**As**	**75**	**0.241**	ug/L	0.013	5	5	92	2	KED
[	**Se**	**78**	**-0.008**	ug/L	0.061	756	17	15	19	KED
	Y	**89**		ug/L			797774	724869	1	Standard
	Kr	**83**		ug/L			368	301	6	Standard
[>	**In-1**	**115**		ug/L			31030	28139	3	KED
[	**Mo**	**98**	**0.155**	ug/L	0.003	1	32	326	4	KED
[	**Cd**	**111**	**0.279**	ug/L	0.030	10	3	130	8	KED
[	**Cd**	**114**	**0.260**	ug/L	0.015	5	3	310	2	KED
[>	**In**	**115**		ug/L			1398199	1363872	0	Standard
[	**Ag**	**107**	**-0.001**	ug/L	0.000	11	89	60	4	Standard
[	**Ba**	**135**	**4.845**	ug/L	0.018	0	25	40597	0	Standard
[	**Ba**	**137**	**4.753**	ug/L	0.034	0	38	71319	1	Standard
[>	**Tb**	**159**		ug/L			2712647	2499810	2	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	15	160	276	5	Standard
[	**Pb**	**208**	**0.059**	ug/L	0.001	2	501	7546	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0359-01RE1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 17:26:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1306463	0	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	193	5	10	90	Standard
	C	**13**		ug/L			26820	34802	1	Standard
	Cl	**37**		ug/L			8490587	8726654	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1414687	0	Standard
[	**Na**	**23**	**637.690**	ug/L	14.260	2	14812	17009080	2	Standard
[	**Mg**	**24**	**54.907**	ug/L	0.823	1	2714	1734175	1	Standard
[	**Al**	**27**	**3.200**	ug/L	0.034	1	4093	97649	1	Standard
[	**K**	**39**	**216.315**	ug/L	1.153	0	1124156	7839439	0	Standard
[	**Ca**	**44**	**2700.705**	ug/L	74.898	2	18718	3401124	2	Standard
[	**V**	**51**	**0.085**	ug/L	0.005	5	7142	10133	0	Standard
[	**V-1**	**51**	**0.136**	ug/L	0.003	2	449	5169	1	Standard
[	**Cr**	**52**	**0.066**	ug/L	0.015	22	21146	23328	1	Standard
[	**Cr**	**53**	**0.228**	ug/L	0.008	3	248	1048	1	Standard
[	**Fe**	**54**	**19.913**	ug/L	0.341	1	98444	157060	0	Standard
[	**Fe**	**57**	**15.736**	ug/L	0.209	1	26183	42714	0	Standard
[	**Mn**	**55**	**4.617**	ug/L	0.066	1	711	208800	2	Standard
[>	**Ge**	**72**		ug/L			104395	95641	2	KED
[	**Co**	**59**	**0.048**	ug/L	0.002	3	3	298	2	KED
[	**Ni**	**60**	**0.145**	ug/L	0.023	15	19	271	13	KED
[	**Ni**	**62**	**0.185**	ug/L	0.030	16	3	55	13	KED
[	**Cu**	**63**	**1.355**	ug/L	0.032	2	76	6844	0	KED
[	**Cu**	**65**	**1.358**	ug/L	0.078	5	36	3404	4	KED
[	**Zn**	**66**	**97.391**	ug/L	2.360	2	35	73982	0	KED
[	**Zn**	**67**	**91.322**	ug/L	2.502	2	9	11329	1	KED
[	**As**	**75**	**0.248**	ug/L	0.012	4	5	97	5	KED
[	**Se**	**78**	**-0.129**	ug/L	0.064	49	17	10	24	KED
	Y	**89**		ug/L			797774	733242	1	Standard
	Kr	**83**		ug/L			368	333	6	Standard
[>	**In-1**	**115**		ug/L			31030	27990	0	KED
[	**Mo**	**98**	**0.157**	ug/L	0.008	4	32	327	4	KED
[	**Cd**	**111**	**0.282**	ug/L	0.013	4	3	130	4	KED
[	**Cd**	**114**	**0.253**	ug/L	0.037	14	3	299	13	KED
[>	**In**	**115**		ug/L			1398199	1375476	0	Standard
[	**Ag**	**107**	**-0.002**	ug/L	0.000	12	89	53	8	Standard
[	**Ba**	**135**	**4.723**	ug/L	0.050	1	25	39910	1	Standard
[	**Ba**	**137**	**4.639**	ug/L	0.081	1	38	70194	0	Standard
[>	**Tb**	**159**		ug/L			2712647	2536154	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	16	160	236	5	Standard
[	**Pb**	**208**	**0.058**	ug/L	0.001	1	501	7477	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:32:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1253619	1	Standard
[	**Be**	**9**	**0.000**	ug/L	0.000	87	5	7	25	Standard
	C	**13**		ug/L			26820	25347	1	Standard
	Cl	**37**		ug/L			8490587	8771799	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1342790	0	Standard
[	**Na**	**23**	**0.116**	ug/L	0.014	12	14812	17126	1	Standard
[	**Mg**	**24**	**0.044**	ug/L	0.004	10	2714	3910	3	Standard
[	**Al**	**27**	**0.166**	ug/L	0.002	1	4093	8526	0	Standard
[	**K**	**39**	**4.561**	ug/L	0.906	19	1124156	1211401	1	Standard
[	**Ca**	**44**	**-6.008**	ug/L	0.154	2	18718	10796	0	Standard
[	**V**	**51**	**-0.010**	ug/L	0.004	41	7142	6511	1	Standard
[	**V-1**	**51**	**0.014**	ug/L	0.001	4	449	888	3	Standard
[	**Cr**	**52**	**-0.046**	ug/L	0.018	39	21146	18962	1	Standard
[	**Cr**	**53**	**0.032**	ug/L	0.004	13	248	344	3	Standard
[	**Fe**	**54**	**0.159**	ug/L	0.635	399	98444	94775	1	Standard
[	**Fe**	**57**	**-10.598**	ug/L	0.518	4	26183	14683	2	Standard
[	**Mn**	**55**	**0.005**	ug/L	0.000	6	711	889	1	Standard
[>	**Ge**	**72**		ug/L			104395	92780	1	KED
[	**Co**	**59**	**-0.000**	ug/L	0.000	127	3	1	100	KED
[	**Ni**	**60**	**0.004**	ug/L	0.002	46	19	24	13	KED
[	**Ni**	**62**	**0.001**	ug/L	0.014	1155	3	3	124	KED
[	**Cu**	**63**	**0.005**	ug/L	0.003	56	76	92	13	KED
[	**Cu**	**65**	**0.007**	ug/L	0.003	39	36	50	14	KED
[	**Zn**	**66**	**0.224**	ug/L	0.027	12	35	196	11	KED
[	**Zn**	**67**	**0.178**	ug/L	0.032	17	9	29	13	KED
[	**As**	**75**	**-0.001**	ug/L	0.002	241	5	4	19	KED
[	**Se**	**78**	**-0.138**	ug/L	0.078	56	17	9	34	KED
	Y	**89**		ug/L			797774	700234	1	Standard
	Kr	**83**		ug/L			368	300	7	Standard
[>	**In-1**	**115**		ug/L			31030	22843	29	KED
[	**Mo**	**98**	**-0.011**	ug/L	0.002	18	32	6	61	KED
[	**Cd**	**111**	**0.003**	ug/L	0.006	201	3	3	41	KED
[	**Cd**	**114**	**-0.000**	ug/L	0.001	339	3	2	51	KED
[>	**In**	**115**		ug/L			1398199	1335340	1	Standard
[	**Ag**	**107**	**-0.002**	ug/L	0.001	23	89	37	28	Standard
[	**Ba**	**135**	**0.004**	ug/L	0.001	35	25	54	19	Standard
[	**Ba**	**137**	**0.004**	ug/L	0.001	29	38	92	17	Standard
[>	**Tb**	**159**		ug/L			2712647	2422742	0	Standard
[	**Tl**	**205**	**-0.001**	ug/L	0.000	22	160	77	18	Standard
[	**Pb**	**208**	**0.004**	ug/L	0.000	6	501	876	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:37:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1275773	1	Standard
⌊	**Be**	**9**	**49.787**	ug/L	0.416	0	5	399368	1	Standard
	C	**13**		ug/L			26820	25707	1	Standard
	Cl	**37**		ug/L			8490587	9235887	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1370619	1	Standard
⎢	**Na**	**23**	**4743.923**	ug/L	16.202	0	14812	122498401	1	Standard
⎢	**Mg**	**24**	**4794.128**	ug/L	104.064	2	2714	146455669	1	Standard
⎢	**Al**	**27**	**4775.776**	ug/L	63.394	1	4093	135206342	0	Standard
⎢	**K**	**39**	**4849.204**	ug/L	44.363	0	1124156	146721460	2	Standard
⎢	**Ca**	**44**	**4810.016**	ug/L	56.833	1	18718	5854110	1	Standard
⎢	**V**	**51**	**49.762**	ug/L	0.665	1	7142	1663177	1	Standard
⎢	**V-1**	**51**	**49.794**	ug/L	0.599	1	449	1673842	1	Standard
⎢	**Cr**	**52**	**49.290**	ug/L	0.794	1	21146	1456659	1	Standard
⎢	**Cr**	**53**	**49.404**	ug/L	0.579	1	248	168013	1	Standard
⎢	**Fe**	**54**	**4905.054**	ug/L	77.361	1	98444	13858139	1	Standard
⎢	**Fe**	**57**	**5061.196**	ug/L	64.837	1	26183	5098470	2	Standard
⌊	**Mn**	**55**	**48.543**	ug/L	0.701	1	711	2119858	0	Standard
⌈>	**Ge**	**72**		ug/L			104395	94137	0	KED
⎢	**Co**	**59**	**49.156**	ug/L	0.301	0	3	298143	0	KED
⎢	**Ni**	**60**	**49.338**	ug/L	0.324	0	19	84676	0	KED
⎢	**Ni**	**62**	**49.187**	ug/L	0.913	1	3	13722	1	KED
⎢	**Cu**	**63**	**49.859**	ug/L	0.419	0	76	245473	0	KED
⎢	**Cu**	**65**	**49.198**	ug/L	0.438	0	36	120286	0	KED
⎢	**Zn**	**66**	**50.224**	ug/L	0.266	0	35	37582	0	KED
⎢	**Zn**	**67**	**50.874**	ug/L	1.438	2	9	6218	2	KED
⎢	**As**	**75**	**48.614**	ug/L	0.445	0	5	17870	1	KED
⌊	**Se**	**78**	**49.285**	ug/L	1.182	2	17	2104	2	KED
	Y	**89**		ug/L			797774	713313	0	Standard
	Kr	**83**		ug/L			368	323	7	Standard
⌈>	**In-1**	**115**		ug/L			31030	27591	0	KED
⎢	**Mo**	**98**	**47.595**	ug/L	0.273	0	32	89420	1	KED
⎢	**Cd**	**111**	**49.511**	ug/L	0.417	0	3	22069	1	KED
⌊	**Cd**	**114**	**49.012**	ug/L	0.369	0	3	56724	1	KED
⌈>	**In**	**115**		ug/L			1398199	1336841	2	Standard
⎢	**Ag**	**107**	**48.136**	ug/L	1.542	3	89	969081	1	Standard
⎢	**Ba**	**135**	**45.739**	ug/L	0.304	0	25	375435	2	Standard
⌊	**Ba**	**137**	**45.737**	ug/L	0.562	1	38	672271	1	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2507835	1	Standard
⎢	**Tl**	**205**	**50.269**	ug/L	0.614	1	160	4581719	0	Standard
⌊	**Pb**	**208**	**52.097**	ug/L	0.551	1	501	6239402	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:46:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1269529	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	78	5	5	0	Standard
	C	**13**		ug/L			26820	25298	1	Standard
	Cl	**37**		ug/L			8490587	8821213	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1369218	0	Standard
⌈	**Na**	**23**	**-0.076**	ug/L	0.011	15	14812	12512	1	Standard
⌈	**Mg**	**24**	**0.010**	ug/L	0.002	22	2714	2943	2	Standard
⌈	**Al**	**27**	**0.015**	ug/L	0.002	11	4093	4412	0	Standard
⌈	**K**	**39**	**3.958**	ug/L	0.401	10	1124156	1217264	0	Standard
⌈	**Ca**	**44**	**-7.237**	ug/L	0.104	1	18718	9519	1	Standard
⌈	**V**	**51**	**-0.019**	ug/L	0.004	22	7142	6349	1	Standard
⌈	**V-1**	**51**	**0.010**	ug/L	0.001	8	449	759	3	Standard
⌈	**Cr**	**52**	**-0.070**	ug/L	0.012	17	21146	18627	1	Standard
⌈	**Cr**	**53**	**0.022**	ug/L	0.004	16	248	317	4	Standard
⌈	**Fe**	**54**	**-0.525**	ug/L	0.129	24	98444	94730	0	Standard
⌈	**Fe**	**57**	**-6.436**	ug/L	0.129	2	26183	19142	0	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	260	711	712	6	Standard
⌈>	**Ge**	**72**		ug/L			104395	90798	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	363	3	4	89	KED
⌈	**Ni**	**60**	**-0.001**	ug/L	0.006	739	19	15	61	KED
⌈	**Ni**	**62**	**0.004**	ug/L	0.007	180	3	3	50	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.002	159	76	73	14	KED
⌈	**Cu**	**65**	**0.004**	ug/L	0.005	111	36	41	27	KED
⌈	**Zn**	**66**	**0.005**	ug/L	0.018	323	35	34	37	KED
⌈	**Zn**	**67**	**-0.038**	ug/L	0.017	44	9	3	50	KED
⌈	**As**	**75**	**0.001**	ug/L	0.004	415	5	4	31	KED
⌊	**Se**	**78**	**0.032**	ug/L	0.102	320	17	16	25	KED
	Y	**89**		ug/L			797774	719147	1	Standard
	Kr	**83**		ug/L			368	352	4	Standard
⌈>	**In-1**	**115**		ug/L			31030	27528	2	KED
⌈	**Mo**	**98**	**0.021**	ug/L	0.001	4	32	66	4	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.003	698	3	3	45	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	294	3	4	72	KED
⌈>	**In**	**115**		ug/L			1398199	1356966	1	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	603	89	85	9	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.001	102	25	36	34	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	62	38	55	21	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2493533	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	35	160	232	12	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	118	501	443	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:53:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1283943	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	161	5	6	31	Standard
	C	**13**		ug/L			26820	44717	0	Standard
	Cl	**37**		ug/L			8490587	8792490	1	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1348033	1	Standard
⌈	**Na**	**23**	**3.242**	ug/L	0.103	3	14812	96555	1	Standard
⌈	**Mg**	**24**	**0.510**	ug/L	0.010	1	2714	17945	2	Standard
⌈	**Al**	**27**	**1.518**	ug/L	0.057	3	4093	46195	1	Standard
⌈	**K**	**39**	**5.538**	ug/L	0.356	6	1124156	1245136	1	Standard
⌈	**Ca**	**44**	**-1.934**	ug/L	0.221	11	18718	15698	1	Standard
⌈	**V**	**51**	**-0.002**	ug/L	0.003	148	7142	6802	2	Standard
⌈	**V-1**	**51**	**0.020**	ug/L	0.001	4	449	1077	2	Standard
⌈	**Cr**	**52**	**0.040**	ug/L	0.004	10	21146	21476	1	Standard
⌈	**Cr**	**53**	**0.107**	ug/L	0.011	10	248	595	5	Standard
⌈	**Fe**	**54**	**0.682**	ug/L	0.168	24	98444	96594	1	Standard
⌈	**Fe**	**57**	**-4.114**	ug/L	0.072	1	26183	21135	1	Standard
⌊	**Mn**	**55**	**0.216**	ug/L	0.005	2	711	9971	1	Standard
⌈>	**Ge**	**72**		ug/L			104395	92055	3	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	268	3	2	86	KED
⌈	**Ni**	**60**	**0.027**	ug/L	0.006	22	19	62	13	KED
⌈	**Ni**	**62**	**0.025**	ug/L	0.001	4	3	9	0	KED
⌈	**Cu**	**63**	**0.031**	ug/L	0.001	3	76	217	4	KED
⌈	**Cu**	**65**	**0.033**	ug/L	0.002	6	36	110	6	KED
⌈	**Zn**	**66**	**0.408**	ug/L	0.047	11	35	328	7	KED
⌈	**Zn**	**67**	**0.403**	ug/L	0.093	23	9	56	20	KED
⌈	**As**	**75**	**-0.004**	ug/L	0.003	75	5	3	36	KED
⌊	**Se**	**78**	**-0.095**	ug/L	0.050	52	17	11	20	KED
	Y	**89**		ug/L			797774	710459	0	Standard
	Kr	**83**		ug/L			368	292	10	Standard
⌈>	**In-1**	**115**		ug/L			31030	27007	2	KED
⌈	**Mo**	**98**	**0.004**	ug/L	0.008	202	32	34	38	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.001	467	3	3	17	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	149	3	4	46	KED
⌈>	**In**	**115**		ug/L			1398199	1338199	0	Standard
⌈	**Ag**	**107**	**-0.002**	ug/L	0.000	27	89	54	15	Standard
⌈	**Ba**	**135**	**0.007**	ug/L	0.002	33	25	83	23	Standard
⌊	**Ba**	**137**	**0.007**	ug/L	0.001	7	38	146	5	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2459393	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	194	160	137	11	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	20	501	694	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 17:58:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1203485	6	Standard
[	Be	9	26.050	ug/L	0.512	1	5	196982	4	Standard
	C	13		ug/L			26820	47840	1	Standard
	Cl	37		ug/L			8490587	9105169	0	Standard
[>	Sc	45		ug/L			1401124	1291629	4	Standard
[	Na	23	5031.787	ug/L	181.374	3	14812	122302766	1	Standard
[	Mg	24	5130.516	ug/L	114.109	2	2714	147617366	2	Standard
[	Al	27	5163.482	ug/L	149.984	2	4093	137646514	1	Standard
[	K	39	5259.517	ug/L	135.840	2	1124156	149758291	2	Standard
[	Ca	44	5292.142	ug/L	125.770	2	18718	6064158	2	Standard
[	V	51	25.855	ug/L	0.973	3	7142	816586	1	Standard
[	V-1	51	25.774	ug/L	0.953	3	449	815729	1	Standard
[	Cr	52	25.911	ug/L	0.860	3	21146	730154	1	Standard
[	Cr	53	25.651	ug/L	0.808	3	248	82233	1	Standard
[	Fe	54	5349.823	ug/L	211.408	3	98444	14218711	1	Standard
[	Fe	57	5409.219	ug/L	175.645	3	26183	5128221	1	Standard
[	Mn	55	26.718	ug/L	0.918	3	711	1098756	1	Standard
[>	Ge	72		ug/L			104395	92874	1	KED
[	Co	59	25.154	ug/L	0.789	3	3	150474	1	KED
[	Ni	60	25.051	ug/L	0.256	1	19	42421	0	KED
[	Ni	62	25.458	ug/L	0.959	3	3	7006	2	KED
[	Cu	63	25.000	ug/L	0.515	2	76	121448	1	KED
[	Cu	65	24.921	ug/L	0.413	1	36	60120	0	KED
[	Zn	66	80.911	ug/L	1.515	1	35	59703	0	KED
[	Zn	67	77.021	ug/L	2.261	2	9	9281	1	KED
[	As	75	24.520	ug/L	0.386	1	5	8893	1	KED
[	Se	78	79.633	ug/L	1.824	2	17	3344	1	KED
	Y	89		ug/L			797774	687825	7	Standard
	Kr	83		ug/L			368	325	5	Standard
[>	In-1	115		ug/L			31030	27151	2	KED
[	Mo	98	-0.005	ug/L	0.002	37	32	18	19	KED
[	Cd	111	25.083	ug/L	0.507	2	3	11002	1	KED
[	Cd	114	25.071	ug/L	0.322	1	3	28550	1	KED
[>	In	115		ug/L			1398199	1275640	7	Standard
[	Ag	107	25.376	ug/L	0.987	3	89	486842	3	Standard
[	Ba	135	24.360	ug/L	1.214	4	25	190354	2	Standard
[	Ba	137	24.079	ug/L	1.781	7	38	336608	0	Standard
[>	Tb	159		ug/L			2712647	2380143	5	Standard
[	Tl	205	26.976	ug/L	0.866	3	160	2331134	2	Standard
[	Pb	208	27.810	ug/L	1.175	4	501	3156882	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:03:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1303682	0	Standard
[	Be	9	0.001	ug/L	0.000	20	5	10	10	Standard
	C	13		ug/L			26820	44085	2	Standard
	Cl	37		ug/L			8490587	8791350	0	Standard
[>	Sc	45		ug/L			1401124	1357619	1	Standard
[	Na	23	2.975	ug/L	0.053	1	14812	90441	2	Standard
[	Mg	24	0.494	ug/L	0.053	10	2714	17570	8	Standard
[	Al	27	1.265	ug/L	0.027	2	4093	39426	1	Standard
[	K	39	6.301	ug/L	0.206	3	1124156	1276621	1	Standard
[	Ca	44	-2.612	ug/L	0.368	14	18718	14993	1	Standard
[	V	51	-0.001	ug/L	0.007	585	7142	6877	2	Standard
[	V-1	51	0.022	ug/L	0.001	5	449	1154	2	Standard
[	Cr	52	0.108	ug/L	0.019	17	21146	23599	1	Standard
[	Cr	53	0.177	ug/L	0.003	1	248	836	2	Standard
[	Fe	54	8.055	ug/L	0.184	2	98444	117770	0	Standard
[	Fe	57	2.368	ug/L	0.315	13	26183	27719	1	Standard
[	Mn	55	0.722	ug/L	0.009	1	711	31897	0	Standard
[>	Ge	72		ug/L			104395	92931	0	KED
[	Co	59	0.003	ug/L	0.003	74	3	24	64	KED
[	Ni	60	0.022	ug/L	0.005	21	19	55	15	KED
[	Ni	62	0.020	ug/L	0.008	40	3	8	26	KED
[	Cu	63	0.046	ug/L	0.004	8	76	289	5	KED
[	Cu	65	0.043	ug/L	0.014	32	36	137	24	KED
[	Zn	66	0.458	ug/L	0.069	14	35	370	14	KED
[	Zn	67	0.494	ug/L	0.191	38	9	67	33	KED
[	As	75	-0.003	ug/L	0.003	95	5	3	27	KED
[	Se	78	0.016	ug/L	0.039	242	17	16	9	KED
	Y	89		ug/L			797774	717679	0	Standard
	Kr	83		ug/L			368	317	4	Standard
[>	In-1	115		ug/L			31030	27483	0	KED
[	Mo	98	0.010	ug/L	0.003	31	32	46	11	KED
[	Cd	111	-0.001	ug/L	0.004	364	3	2	66	KED
[	Cd	114	-0.002	ug/L	0.003	163	3	1	271	KED
[>	In	115		ug/L			1398199	1331167	0	Standard
[	Ag	107	-0.000	ug/L	0.001	336	89	81	15	Standard
[	Ba	135	0.017	ug/L	0.002	11	25	160	10	Standard
[	Ba	137	0.016	ug/L	0.001	5	38	274	4	Standard
[>	Tb	159		ug/L			2712647	2455051	1	Standard
[	Tl	205	0.001	ug/L	0.000	20	160	237	6	Standard
[	Pb	208	0.002	ug/L	0.000	12	501	707	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BS3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:08:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1302100	1276100	1	Standard
⌊	Be	9	25.126	ug/L	0.371	1	5	201630	2	Standard
	C	13		ug/L			26820	51225	1	Standard
	Cl	37		ug/L			8490587	9103486	0	Standard
⌈>	Sc	45		ug/L			1401124	1367290	0	Standard
|	Na	23	4882.812	ug/L	83.266	1	14812	125777772	2	Standard
|	Mg	24	4887.633	ug/L	83.686	1	2714	148963214	1	Standard
|	Al	27	4959.582	ug/L	80.770	1	4093	140086328	1	Standard
|	K	39	4940.451	ug/L	97.501	1	1124156	149082167	1	Standard
|	Ca	44	5036.631	ug/L	133.096	2	18718	6114390	2	Standard
|	V	51	25.116	ug/L	0.731	2	7142	840900	3	Standard
|	V-1	51	25.088	ug/L	0.656	2	449	841579	2	Standard
|	Cr	52	25.012	ug/L	0.328	1	21146	747611	1	Standard
|	Cr	53	24.929	ug/L	0.240	0	248	84697	1	Standard
|	Fe	54	5041.951	ug/L	75.147	1	98444	14208315	1	Standard
|	Fe	57	5177.538	ug/L	105.299	2	26183	5202478	2	Standard
⌊	Mn	55	25.913	ug/L	0.328	1	711	1129394	1	Standard
⌈>	Ge	72		ug/L			104395	93127	0	KED
|	Co	59	25.311	ug/L	0.136	0	3	151869	0	KED
|	Ni	60	25.062	ug/L	0.319	1	19	42560	1	KED
|	Ni	62	25.489	ug/L	0.383	1	3	7036	1	KED
|	Cu	63	25.315	ug/L	0.281	1	76	123327	0	KED
|	Cu	65	25.137	ug/L	0.130	0	36	60814	0	KED
|	Zn	66	80.908	ug/L	0.924	1	35	59873	1	KED
|	Zn	67	78.553	ug/L	2.203	2	9	9493	2	KED
|	As	75	24.870	ug/L	0.107	0	5	9046	0	KED
⌊	Se	78	81.822	ug/L	1.651	2	17	3445	2	KED
	Y	89		ug/L			797774	719032	0	Standard
	Kr	83		ug/L			368	349	8	Standard
⌈>	In-1	115		ug/L			31030	27575	0	KED
|	Mo	98	-0.001	ug/L	0.002	137	32	26	12	KED
|	Cd	111	25.045	ug/L	0.137	0	3	11158	0	KED
⌊	Cd	114	25.212	ug/L	0.566	2	3	29160	1	KED
⌈>	In	115		ug/L			1398199	1315958	1	Standard
|	Ag	107	24.038	ug/L	0.141	0	89	476584	1	Standard
|	Ba	135	24.035	ug/L	0.524	2	25	194156	0	Standard
⌊	Ba	137	23.772	ug/L	0.179	0	38	344008	1	Standard
⌈>	Tb	159		ug/L			2712647	2484788	1	Standard
|	Tl	205	26.161	ug/L	0.426	1	160	2363145	2	Standard
⌊	Pb	208	27.164	ug/L	0.199	0	501	3224046	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-19
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:12:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1269548	6	Standard
[	Be	9	0.000	ug/L	0.000	93	5	8	35	Standard
	C	13		ug/L			26820	45849	1	Standard
	Cl	37		ug/L			8490587	8721206	0	Standard
[>	Sc	45		ug/L			1401124	1330174	6	Standard
[	Na	23	7.167	ug/L	0.455	6	14812	193133	1	Standard
[	Mg	24	1.117	ug/L	0.067	5	2714	35612	4	Standard
[	Al	27	2.746	ug/L	0.202	7	4093	79092	0	Standard
[	K	39	8.477	ug/L	3.052	36	1124156	1310253	0	Standard
[	Ca	44	-0.839	ug/L	0.915	109	18718	16734	1	Standard
[	V	51	0.008	ug/L	0.014	171	7142	7029	0	Standard
[	V-1	51	0.022	ug/L	0.003	12	449	1153	3	Standard
[	Cr	52	0.091	ug/L	0.053	58	21146	22593	1	Standard
[	Cr	53	0.133	ug/L	0.014	10	248	673	0	Standard
[	Fe	54	9.225	ug/L	3.931	42	98444	118097	2	Standard
[	Fe	57	-2.535	ug/L	1.653	65	26183	22319	0	Standard
[	Mn	55	0.340	ug/L	0.024	7	711	15043	1	Standard
[>	Ge	72		ug/L			104395	93736	1	KED
[	Co	59	0.003	ug/L	0.001	27	3	24	25	KED
[	Ni	60	0.054	ug/L	0.005	8	19	109	6	KED
[	Ni	62	0.067	ug/L	0.004	6	3	21	5	KED
[	Cu	63	0.043	ug/L	0.003	6	76	280	3	KED
[	Cu	65	0.044	ug/L	0.009	19	36	140	16	KED
[	Zn	66	0.449	ug/L	0.050	11	35	366	11	KED
[	Zn	67	0.450	ug/L	0.158	35	9	63	32	KED
[	As	75	-0.001	ug/L	0.005	422	5	4	40	KED
[	Se	78	0.004	ug/L	0.050	1186	17	15	12	KED
	Y	89		ug/L			797774	701862	6	Standard
	Kr	83		ug/L			368	314	4	Standard
[>	In-1	115		ug/L			31030	27109	1	KED
[	Mo	98	0.006	ug/L	0.002	32	32	40	8	KED
[	Cd	111	-0.001	ug/L	0.004	332	3	2	57	KED
[	Cd	114	0.000	ug/L	0.004	2140	3	3	145	KED
[>	In	115		ug/L			1398199	1306816	6	Standard
[	Ag	107	0.003	ug/L	0.004	137	89	137	48	Standard
[	Ba	135	0.020	ug/L	0.002	11	25	182	15	Standard
[	Ba	137	0.019	ug/L	0.004	23	38	306	17	Standard
[>	Tb	159		ug/L			2712647	2453289	6	Standard
[	Tl	205	0.001	ug/L	0.000	32	160	242	17	Standard
[	Pb	208	0.006	ug/L	0.001	13	501	1133	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:17:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1241784	1	Standard
[	Be	9	0.003	ug/L	0.001	26	5	27	20	Standard
	C	13		ug/L			26820	44168	1	Standard
	Cl	37		ug/L			8490587	8329543	1	Standard
[>	Sc	45		ug/L			1401124	1586562	1	Standard
[	Na	23	3817.387	ug/L	29.322	0	14812	114096077	1	Standard
[	Mg	24	8038.301	ug/L	29.502	0	2714	284280427	1	Standard
[	Al	27	6.509	ug/L	0.101	1	4093	217935	1	Standard
[	K	39	3846.162	ug/L	49.874	1	1124156	134954950	1	Standard
[	Ca	44	57591.727	ug/L	557.809	0	18718	80900425	1	Standard
[	V	51	0.363	ug/L	0.006	1	7142	22060	2	Standard
[	V-1	51	0.426	ug/L	0.004	0	449	17084	2	Standard
[	Cr	52	0.076	ug/L	0.005	6	21146	26506	2	Standard
[	Cr	53	0.285	ug/L	0.002	0	248	1403	1	Standard
[	Fe	54	10.323	ug/L	0.148	1	98444	145008	2	Standard
[	Fe	57	142.434	ug/L	1.489	1	26183	194881	1	Standard
[	Mn	55	37.735	ug/L	0.312	0	711	1908134	2	Standard
[>	Ge	72		ug/L			104395	81377	1	KED
[	Co	59	0.224	ug/L	0.010	4	3	1177	3	KED
[	Ni	60	0.127	ug/L	0.003	2	19	203	2	KED
[	Ni	62	0.145	ug/L	0.045	31	3	37	29	KED
[	Cu	63	0.227	ug/L	0.019	8	76	1025	7	KED
[	Cu	65	0.234	ug/L	0.009	3	36	523	4	KED
[	Zn	66	0.798	ug/L	0.035	4	35	543	4	KED
[	Zn	67	1.646	ug/L	0.202	12	9	180	10	KED
[	As	75	0.065	ug/L	0.011	16	5	24	12	KED
[	Se	78	0.066	ug/L	0.087	130	17	16	21	KED
	Y	89		ug/L			797774	712532	2	Standard
	Kr	83		ug/L			368	295	8	Standard
[>	In-1	115		ug/L			31030	24789	1	KED
[	Mo	98	0.706	ug/L	0.016	2	32	1216	2	KED
[	Cd	111	0.118	ug/L	0.008	6	3	50	7	KED
[	Cd	114	0.077	ug/L	0.004	4	3	83	6	KED
[>	In	115		ug/L			1398199	1385698	1	Standard
[	Ag	107	-0.000	ug/L	0.000	87	89	79	8	Standard
[	Ba	135	18.441	ug/L	0.120	0	25	156902	1	Standard
[	Ba	137	17.973	ug/L	0.124	0	38	273888	1	Standard
[>	Tb	159		ug/L			2712647	2499960	0	Standard
[	Tl	205	0.001	ug/L	0.000	11	160	202	2	Standard
[	Pb	208	0.005	ug/L	0.000	6	501	1046	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:22:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1243140	1	Standard
[	Be	9	0.002	ug/L	0.000	16	5	23	12	Standard
	C	13		ug/L			26820	48582	1	Standard
	Cl	37		ug/L			8490587	8473926	0	Standard
[>	Sc	45		ug/L			1401124	1658944	1	Standard
[	Na	23	3769.540	ug/L	53.750	1	14812	117809658	1	Standard
[	Mg	24	8084.341	ug/L	22.435	0	2714	298963082	0	Standard
[	Al	27	7.019	ug/L	0.140	1	4093	245342	0	Standard
[	K	39	3941.886	ug/L	51.865	1	1124156	144587871	0	Standard
[	Ca	44	59125.183	ug/L	974.925	1	18718	86846319	1	Standard
[	V	51	0.379	ug/L	0.005	1	7142	23743	1	Standard
[	V-1	51	0.447	ug/L	0.005	1	449	18696	2	Standard
[	Cr	52	0.195	ug/L	0.010	5	21146	31910	1	Standard
[	Cr	53	0.413	ug/L	0.006	1	248	1991	2	Standard
[	Fe	54	11.217	ug/L	0.481	4	98444	154653	1	Standard
[	Fe	57	152.031	ug/L	2.837	1	26183	215427	1	Standard
[	Mn	55	37.586	ug/L	0.509	1	711	1986928	0	Standard
[>	Ge	72		ug/L			104395	79727	0	KED
[	Co	59	0.229	ug/L	0.008	3	3	1181	4	KED
[	Ni	60	0.134	ug/L	0.014	10	19	209	8	KED
[	Ni	62	0.100	ug/L	0.045	45	3	26	41	KED
[	Cu	63	0.230	ug/L	0.003	1	76	1019	1	KED
[	Cu	65	0.252	ug/L	0.029	11	36	549	11	KED
[	Zn	66	0.772	ug/L	0.048	6	35	516	6	KED
[	Zn	67	1.446	ug/L	0.116	8	9	156	8	KED
[	As	75	0.059	ug/L	0.004	6	5	22	4	KED
[	Se	78	-0.004	ug/L	0.071	1739	17	13	19	KED
	Y	89		ug/L			797774	716569	0	Standard
	Kr	83		ug/L			368	306	13	Standard
[>	In-1	115		ug/L			31030	24651	1	KED
[	Mo	98	0.707	ug/L	0.006	0	32	1212	1	KED
[	Cd	111	0.094	ug/L	0.010	10	3	40	9	KED
[	Cd	114	0.096	ug/L	0.026	27	3	102	25	KED
[>	In	115		ug/L			1398199	1454532	0	Standard
[	Ag	107	0.000	ug/L	0.001	1175	89	95	26	Standard
[	Ba	135	18.087	ug/L	0.060	0	25	161547	0	Standard
[	Ba	137	17.469	ug/L	0.089	0	38	279464	1	Standard
[>	Tb	159		ug/L			2712647	2556643	1	Standard
[	Tl	205	0.001	ug/L	0.000	22	160	224	8	Standard
[	Pb	208	0.006	ug/L	0.000	6	501	1198	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:27:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1228868	0	Standard
[	Be	9	24.570	ug/L	0.407	1	5	189844	1	Standard
	C	13		ug/L			26820	50962	0	Standard
	Cl	37		ug/L			8490587	8114988	0	Standard
[>	Sc	45		ug/L			1401124	1672010	2	Standard
[	Na	23	7456.730	ug/L	107.669	1	14812	234819978	0	Standard
[	Mg	24	11778.255	ug/L	236.080	2	2714	438896028	1	Standard
[	Al	27	3915.789	ug/L	73.560	1	4093	135214547	0	Standard
[	K	39	8061.378	ug/L	104.731	1	1124156	296666186	3	Standard
[	Ca	44	63968.374	ug/L	1820.017	2	18718	94663336	0	Standard
[	V	51	22.281	ug/L	0.522	2	7142	912850	0	Standard
[	V-1	51	22.285	ug/L	0.541	2	449	913832	1	Standard
[	Cr	52	21.589	ug/L	0.719	3	21146	792133	1	Standard
[	Cr	53	21.622	ug/L	0.652	3	248	89825	0	Standard
[	Fe	54	4381.452	ug/L	53.425	1	98444	15112119	1	Standard
[	Fe	57	4902.707	ug/L	28.270	0	26183	6025264	1	Standard
[	Mn	55	58.661	ug/L	1.300	2	711	3124170	0	Standard
[>	Ge	72		ug/L			104395	77832	1	KED
[	Co	59	26.264	ug/L	0.478	1	3	131679	0	KED
[	Ni	60	26.296	ug/L	0.392	1	19	37313	0	KED
[	Ni	62	26.400	ug/L	0.608	2	3	6091	3	KED
[	Cu	63	24.991	ug/L	0.377	1	76	101746	1	KED
[	Cu	65	25.171	ug/L	0.613	2	36	50884	1	KED
[	Zn	66	79.491	ug/L	1.314	1	35	49160	1	KED
[	Zn	67	76.137	ug/L	1.217	1	9	7689	1	KED
[	As	75	25.553	ug/L	0.126	0	5	7767	1	KED
[	Se	78	80.175	ug/L	0.972	1	17	2821	1	KED
	Y	89		ug/L			797774	720970	0	Standard
	Kr	83		ug/L			368	371	10	Standard
[>	In-1	115		ug/L			31030	24899	0	KED
[	Mo	98	0.722	ug/L	0.011	1	32	1249	1	KED
[	Cd	111	24.845	ug/L	0.114	0	3	9995	0	KED
[	Cd	114	25.056	ug/L	0.123	0	3	26169	0	KED
[>	In	115		ug/L			1398199	1434021	1	Standard
[	Ag	107	23.875	ug/L	0.457	1	89	515772	1	Standard
[	Ba	135	39.646	ug/L	0.275	0	25	349067	1	Standard
[	Ba	137	38.951	ug/L	0.163	0	38	614239	1	Standard
[>	Tb	159		ug/L			2712647	2578063	0	Standard
[	Tl	205	26.121	ug/L	0.141	0	160	2447736	0	Standard
[	Pb	208	26.663	ug/L	0.198	0	501	3283199	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:32:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1302100	1195685	3	Standard
[	Be	9	25.372	ug/L	0.736	2	5	190655	1	Standard
	C	13		ug/L			26820	51103	0	Standard
	Cl	37		ug/L			8490587	7838217	0	Standard
[>	Sc	45		ug/L			1401124	1616492	2	Standard
[	Na	23	7646.271	ug/L	222.936	2	14812	232763561	1	Standard
[	Mg	24	12200.505	ug/L	193.165	1	2714	439541676	0	Standard
[	Al	27	4005.343	ug/L	127.821	3	4093	133706222	2	Standard
[	K	39	8158.826	ug/L	161.972	1	1124156	290181497	1	Standard
[	Ca	44	64783.362	ug/L	1623.030	2	18718	92701626	1	Standard
[	V	51	23.017	ug/L	0.229	0	7142	911619	1	Standard
[	V-1	51	23.059	ug/L	0.292	1	449	914325	0	Standard
[	Cr	52	22.075	ug/L	0.175	0	21146	782862	1	Standard
[	Cr	53	22.237	ug/L	0.370	1	248	89328	1	Standard
[	Fe	54	4511.120	ug/L	76.985	1	98444	15038361	0	Standard
[	Fe	57	5120.519	ug/L	62.520	1	26183	6082394	1	Standard
[	Mn	55	59.955	ug/L	0.090	0	711	3088161	2	Standard
[>	Ge	72		ug/L			104395	77313	1	KED
[	Co	59	26.724	ug/L	0.200	0	3	133127	1	KED
[	Ni	60	25.912	ug/L	0.080	0	19	36530	1	KED
[	Ni	62	25.878	ug/L	0.598	2	3	5931	3	KED
[	Cu	63	25.538	ug/L	0.186	0	76	103286	0	KED
[	Cu	65	25.405	ug/L	0.128	0	36	51028	1	KED
[	Zn	66	78.625	ug/L	0.398	0	35	48305	1	KED
[	Zn	67	75.854	ug/L	1.040	1	9	7610	1	KED
[	As	75	25.557	ug/L	0.129	0	5	7717	1	KED
[	Se	78	81.268	ug/L	1.608	1	17	2841	2	KED
	Y	89		ug/L			797774	693887	0	Standard
	Kr	83		ug/L			368	331	13	Standard
[>	In-1	115		ug/L			31030	24240	0	KED
[	Mo	98	0.778	ug/L	0.018	2	32	1309	2	KED
[	Cd	111	25.780	ug/L	0.223	0	3	10096	0	KED
[	Cd	114	25.627	ug/L	0.290	1	3	26057	1	KED
[>	In	115		ug/L			1398199	1404203	2	Standard
[	Ag	107	24.552	ug/L	0.687	2	89	519202	0	Standard
[	Ba	135	40.798	ug/L	0.957	2	25	351603	0	Standard
[	Ba	137	39.778	ug/L	0.840	2	38	614015	0	Standard
[>	Tb	159		ug/L			2712647	2502600	0	Standard
[	Tl	205	26.636	ug/L	0.139	0	160	2422926	0	Standard
[	Pb	208	27.574	ug/L	0.394	1	501	3295835	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:38:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1258957	1	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.001	242	5	7	66	Standard
	C	**13**		ug/L			26820	25934	1	Standard
	Cl	**37**		ug/L			8490587	8772966	0	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1436242	0	Standard
⌈	**Na**	**23**	**0.160**	ug/L	0.091	56	14812	19524	12	Standard
⌈	**Mg**	**24**	**0.211**	ug/L	0.191	90	2714	9556	64	Standard
⌈	**Al**	**27**	**0.195**	ug/L	0.045	23	4093	9984	13	Standard
⌈	**K**	**39**	**1.823**	ug/L	0.442	24	1124156	1209687	1	Standard
⌈	**Ca**	**44**	**-6.812**	ug/L	1.008	14	18718	10527	12	Standard
⌈	**V**	**51**	**-0.022**	ug/L	0.005	22	7142	6552	2	Standard
⌈	**V-1**	**51**	**0.004**	ug/L	0.000	11	449	597	2	Standard
⌈	**Cr**	**52**	**-0.076**	ug/L	0.015	19	21146	19340	2	Standard
⌈	**Cr**	**53**	**0.007**	ug/L	0.001	10	248	281	1	Standard
⌈	**Fe**	**54**	**-0.440**	ug/L	0.514	116	98444	99613	1	Standard
⌈	**Fe**	**57**	**-5.894**	ug/L	0.158	2	26183	20648	0	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	34	711	929	7	Standard
⌈>	**Ge**	**72**		ug/L			104395	83243	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.001	65	3	8	44	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.001	28	19	12	9	KED
⌈	**Ni**	**62**	**0.005**	ug/L	0.014	258	3	3	86	KED
⌈	**Cu**	**63**	**0.007**	ug/L	0.002	30	76	90	8	KED
⌈	**Cu**	**65**	**0.006**	ug/L	0.006	99	36	42	29	KED
⌈	**Zn**	**66**	**0.257**	ug/L	0.015	5	35	198	5	KED
⌈	**Zn**	**67**	**0.136**	ug/L	0.042	31	9	22	19	KED
⌈	**As**	**75**	**0.000**	ug/L	0.002	756	5	4	19	KED
⌊	**Se**	**78**	**-0.075**	ug/L	0.043	56	17	11	16	KED
	Y	**89**		ug/L			797774	710963	0	Standard
	Kr	**83**		ug/L			368	338	5	Standard
⌈>	**In-1**	**115**		ug/L			31030	26109	1	KED
⌈	**Mo**	**98**	**-0.011**	ug/L	0.002	19	32	6	59	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.005	340	3	2	86	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.001	27	3	6	15	KED
⌈>	**In**	**115**		ug/L			1398199	1442073	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	210	89	101	19	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.002	53	25	57	29	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	19	38	105	13	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2444221	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	875	160	139	28	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	10	501	1027	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:44:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1302100	1248729	1	Standard
[	**Be**	**9**	**50.048**	ug/L	1.313	2	5	392870	1	Standard
	C	**13**		ug/L			26820	25802	1	Standard
	Cl	**37**		ug/L			8490587	8930260	0	Standard
[>	**Sc**	**45**		ug/L			1401124	1422251	0	Standard
[	**Na**	**23**	**4345.715**	ug/L	58.060	1	14812	116442528	1	Standard
[	**Mg**	**24**	**4583.438**	ug/L	56.091	1	2714	145313260	0	Standard
[	**Al**	**27**	**4508.337**	ug/L	62.534	1	4093	132461231	1	Standard
[	**K**	**39**	**4877.977**	ug/L	171.927	3	1124156	153149792	3	Standard
[	**Ca**	**44**	**4915.814**	ug/L	95.274	1	18718	6208168	1	Standard
[	**V**	**51**	**48.635**	ug/L	0.938	1	7142	1687060	2	Standard
[	**V-1**	**51**	**48.701**	ug/L	0.860	1	449	1698909	2	Standard
[	**Cr**	**52**	**48.785**	ug/L	0.960	1	21146	1496428	2	Standard
[	**Cr**	**53**	**48.990**	ug/L	0.985	2	248	172885	2	Standard
[	**Fe**	**54**	**4940.069**	ug/L	66.573	1	98444	14483027	1	Standard
[	**Fe**	**57**	**5196.976**	ug/L	97.282	1	26183	5431921	2	Standard
[	**Mn**	**55**	**48.091**	ug/L	0.576	1	711	2179571	1	Standard
[>	**Ge**	**72**		ug/L			104395	84031	0	KED
[	**Co**	**59**	**50.516**	ug/L	0.446	0	3	273490	0	KED
[	**Ni**	**60**	**50.500**	ug/L	0.472	0	19	77368	1	KED
[	**Ni**	**62**	**50.334**	ug/L	0.750	1	3	12535	1	KED
[	**Cu**	**63**	**50.672**	ug/L	0.232	0	76	222687	0	KED
[	**Cu**	**65**	**50.385**	ug/L	0.279	0	36	109959	0	KED
[	**Zn**	**66**	**52.189**	ug/L	0.360	0	35	34859	1	KED
[	**Zn**	**67**	**49.741**	ug/L	0.470	0	9	5427	0	KED
[	**As**	**75**	**48.832**	ug/L	0.347	0	5	16022	0	KED
[	**Se**	**78**	**49.769**	ug/L	1.438	2	17	1896	3	KED
	Y	**89**		ug/L			797774	709822	2	Standard
	Kr	**83**		ug/L			368	346	6	Standard
[>	**In-1**	**115**		ug/L			31030	25851	0	KED
[	**Mo**	**98**	**47.798**	ug/L	0.525	1	32	84133	0	KED
[	**Cd**	**111**	**50.552**	ug/L	0.509	1	3	21111	0	KED
[	**Cd**	**114**	**49.857**	ug/L	0.201	0	3	54062	0	KED
[>	**In**	**115**		ug/L			1398199	1404575	1	Standard
[	**Ag**	**107**	**49.730**	ug/L	0.259	0	89	1052396	2	Standard
[	**Ba**	**135**	**42.582**	ug/L	0.630	1	25	367181	0	Standard
[	**Ba**	**137**	**42.236**	ug/L	0.697	1	38	652349	1	Standard
[>	**Tb**	**159**		ug/L			2712647	2487338	0	Standard
[	**Tl**	**205**	**51.352**	ug/L	0.427	0	160	4642497	0	Standard
[	**Pb**	**208**	**52.939**	ug/L	0.135	0	501	6288889	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:52:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1302100	1252369	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	75	5	2	86	Standard
	C	**13**		ug/L			26820	23991	1	Standard
	Cl	**37**		ug/L			8490587	8713399	1	Standard
⌈>	**Sc**	**45**		ug/L			1401124	1428884	2	Standard
⌈	**Na**	**23**	**-0.104**	ug/L	0.009	9	14812	12315	1	Standard
⌈	**Mg**	**24**	**0.020**	ug/L	0.003	15	2714	3388	0	Standard
⌈	**Al**	**27**	**-0.008**	ug/L	0.003	38	4093	3941	2	Standard
⌈	**K**	**39**	**1.757**	ug/L	0.906	51	1124156	1200935	0	Standard
⌈	**Ca**	**44**	**-8.596**	ug/L	0.183	2	18718	8211	0	Standard
⌈	**V**	**51**	**-0.036**	ug/L	0.005	13	7142	6044	0	Standard
⌈	**V-1**	**51**	**0.001**	ug/L	0.001	62	449	497	2	Standard
⌈	**Cr**	**52**	**-0.125**	ug/L	0.016	12	21146	17764	0	Standard
⌈	**Cr**	**53**	**-0.006**	ug/L	0.003	50	248	233	1	Standard
⌈	**Fe**	**54**	**-1.716**	ug/L	0.908	52	98444	95326	0	Standard
⌈	**Fe**	**57**	**-7.871**	ug/L	0.380	4	26183	18469	0	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.001	221	711	695	6	Standard
⌈>	**Ge**	**72**		ug/L			104395	85011	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	147	3	5	57	KED
⌈	**Ni**	**60**	**-0.002**	ug/L	0.003	132	19	12	31	KED
⌈	**Ni**	**62**	**0.012**	ug/L	0.001	4	3	5	0	KED
⌈	**Cu**	**63**	**0.003**	ug/L	0.002	71	76	76	15	KED
⌈	**Cu**	**65**	**0.003**	ug/L	0.005	146	36	37	28	KED
⌈	**Zn**	**66**	**-0.004**	ug/L	0.009	214	35	26	25	KED
⌈	**Zn**	**67**	**-0.025**	ug/L	0.025	102	9	5	57	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.006	193	5	3	57	KED
⌊	**Se**	**78**	**-0.054**	ug/L	0.062	114	17	12	20	KED
	Y	**89**		ug/L			797774	710781	2	Standard
	Kr	**83**		ug/L			368	303	8	Standard
⌈>	**In-1**	**115**		ug/L			31030	25561	1	KED
⌈	**Mo**	**98**	**0.023**	ug/L	0.002	8	32	66	6	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.001	93	3	2	21	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	64	3	1	98	KED
⌈>	**In**	**115**		ug/L			1398199	1424689	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.000	90	89	101	8	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	1210	25	25	22	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.001	518	38	41	30	Standard
⌈>	**Tb**	**159**		ug/L			2712647	2476770	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	3	160	280	1	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	388	501	470	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 18:58:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L				1207833	2	Standard
	Be	9		ug/L				6	15	Standard
	C	13		ug/L				23638	1	Standard
	Cl	37		ug/L				8688083	0	Standard
>	Sc	45		ug/L				1340786	2	Standard
	Na	23		ug/L				37122	3	Standard
	Mg	24		ug/L				4302	6	Standard
	Al	27		ug/L				4418	4	Standard
	K	39		ug/L				1211710	1	Standard
	Ca	44		ug/L				9439	0	Standard
	V	51		ug/L				5885	1	Standard
	V-1	51		ug/L				466	3	Standard
	Cr	52		ug/L				17376	2	Standard
	Cr	53		ug/L				230	6	Standard
	Fe	54		ug/L				91382	1	Standard
	Fe	57		ug/L				17833	1	Standard
	Mn	55		ug/L				1083	1	Standard
>	Ge	72		ug/L				83230	2	KED
	Co	59		ug/L				4	65	KED
	Ni	60		ug/L				17	61	KED
	Ni	62		ug/L				3	0	KED
	Cu	63		ug/L				116	21	KED
	Cu	65		ug/L				55	7	KED
	Zn	66		ug/L				151	20	KED
	Zn	67		ug/L				18	15	KED
	As	75		ug/L				3	22	KED
	Se	78		ug/L				12	21	KED
	Y	89		ug/L				663280	3	Standard
	Kr	83		ug/L				296	9	Standard
>	In-1	115		ug/L				26379	1	KED
	Mo	98		ug/L				15	23	KED
	Cd	111		ug/L				1	100	KED
	Cd	114		ug/L				1	110	KED
>	In	115		ug/L				1341444	3	Standard
	Ag	107		ug/L				134	7	Standard
	Ba	135		ug/L				506	10	Standard
	Ba	137		ug/L				855	9	Standard
>	Tb	159		ug/L				2351464	0	Standard
	Tl	205		ug/L				146	8	Standard
	Pb	208		ug/L				535	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:03:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1236309	2	Standard
[	**Be**	**9**	**49.958**	ug/L	1.163	2	6	388250	0	Standard
	C	**13**		ug/L			23638	24517	1	Standard
	Cl	**37**		ug/L			8688083	8916806	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1371192	1	Standard
[	**Na**	**23**	**4421.646**	ug/L	49.629	1	37122	114235255	0	Standard
[	**Mg**	**24**	**4681.733**	ug/L	79.871	1	4302	143127510	3	Standard
[	**Al**	**27**	**4614.423**	ug/L	49.998	1	4418	130699274	1	Standard
[	**K**	**39**	**4919.458**	ug/L	42.885	0	1211710	149036516	2	Standard
[	**Ca**	**44**	**4907.352**	ug/L	40.321	0	9439	5966054	0	Standard
[	**V**	**51**	**48.407**	ug/L	1.006	2	5885	1617502	0	Standard
[	**V-1**	**51**	**48.382**	ug/L	0.887	1	466	1626840	0	Standard
[	**Cr**	**52**	**48.753**	ug/L	0.309	0	17376	1438694	0	Standard
[	**Cr**	**53**	**48.663**	ug/L	0.227	0	230	165558	1	Standard
[	**Fe**	**54**	**4916.279**	ug/L	90.301	1	91382	13891253	0	Standard
[	**Fe**	**57**	**5152.114**	ug/L	71.796	1	17833	5183672	0	Standard
[	**Mn**	**55**	**48.398**	ug/L	0.194	0	1083	2115036	1	Standard
[>	**Ge**	**72**		ug/L			83230	84963	1	KED
[	**Co**	**59**	**49.395**	ug/L	0.152	0	4	270394	1	KED
[	**Ni**	**60**	**49.390**	ug/L	0.750	1	17	76495	0	KED
[	**Ni**	**62**	**49.996**	ug/L	0.764	1	3	12590	2	KED
[	**Cu**	**63**	**50.413**	ug/L	0.673	1	116	224046	0	KED
[	**Cu**	**65**	**49.594**	ug/L	0.171	0	55	109462	1	KED
[	**Zn**	**66**	**50.300**	ug/L	0.386	0	151	34094	1	KED
[	**Zn**	**67**	**49.729**	ug/L	2.160	4	18	5495	3	KED
[	**As**	**75**	**48.465**	ug/L	0.510	1	3	16078	1	KED
[	**Se**	**78**	**50.574**	ug/L	1.668	3	12	1947	3	KED
	Y	**89**		ug/L			663280	699593	1	Standard
	Kr	**83**		ug/L			296	318	3	Standard
[>	**In-1**	**115**		ug/L			26379	25406	2	KED
[	**Mo**	**98**	**47.291**	ug/L	0.562	1	15	81786	1	KED
[	**Cd**	**111**	**50.015**	ug/L	0.426	0	1	20527	2	KED
[	**Cd**	**114**	**49.379**	ug/L	0.742	1	1	52607	1	KED
[>	**In**	**115**		ug/L			1341444	1343075	2	Standard
[	**Ag**	**107**	**49.204**	ug/L	0.623	1	134	995531	1	Standard
[	**Ba**	**135**	**44.013**	ug/L	1.292	2	506	363260	0	Standard
[	**Ba**	**137**	**43.071**	ug/L	1.387	3	855	636633	0	Standard
[>	**Tb**	**159**		ug/L			2351464	2417050	0	Standard
[	**Tl**	**205**	**51.472**	ug/L	0.116	0	146	4521872	0	Standard
[	**Pb**	**208**	**52.830**	ug/L	0.988	1	535	6098796	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:10:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1218557	0	Standard
	Be	**9**	**0.000**	ug/L	0.001	885	6	7	66	Standard
	C	**13**		ug/L			23638	23160	0	Standard
	Cl	**37**		ug/L			8688083	8603796	1	Standard
>	**Sc**	**45**		ug/L			1340786	1358368	0	Standard
	Na	**23**	**1.469**	ug/L	0.024	1	37122	75207	1	Standard
	Mg	**24**	**0.129**	ug/L	0.002	1	4302	8262	1	Standard
	Al	**27**	**0.287**	ug/L	0.010	3	4418	12534	3	Standard
	K	**39**	**-0.023**	ug/L	0.228	969	1211710	1226883	0	Standard
	Ca	**44**	**4.142**	ug/L	0.153	3	9439	14544	1	Standard
	V	**51**	**-0.001**	ug/L	0.001	144	5885	5936	1	Standard
	V-1	**51**	**-0.001**	ug/L	0.000	30	466	451	2	Standard
	Cr	**52**	**-0.006**	ug/L	0.005	81	17376	17431	0	Standard
	Cr	**53**	**-0.005**	ug/L	0.002	31	230	215	2	Standard
	Fe	**54**	**3.342**	ug/L	0.538	16	91382	101880	2	Standard
	Fe	**57**	**4.530**	ug/L	0.511	11	17833	22564	1	Standard
	Mn	**55**	**0.061**	ug/L	0.001	1	1083	3724	1	Standard
>	**Ge**	**72**		ug/L			83230	83694	3	KED
	Co	**59**	**0.000**	ug/L	0.001	111	4	6	41	KED
	Ni	**60**	**0.018**	ug/L	0.006	32	17	45	17	KED
	Ni	**62**	**0.003**	ug/L	0.009	352	3	4	49	KED
	Cu	**63**	**0.033**	ug/L	0.005	15	116	260	11	KED
	Cu	**65**	**0.035**	ug/L	0.008	21	55	132	10	KED
	Zn	**66**	**0.381**	ug/L	0.013	3	151	405	3	KED
	Zn	**67**	**0.368**	ug/L	0.069	18	18	58	13	KED
	As	**75**	**0.002**	ug/L	0.006	345	3	3	54	KED
	Se	**78**	**-0.048**	ug/L	0.059	122	12	11	22	KED
	Y	**89**		ug/L			663280	685429	0	Standard
	Kr	**83**		ug/L			296	317	2	Standard
>	**In-1**	**115**		ug/L			26379	25276	4	KED
	Mo	**98**	**0.029**	ug/L	0.004	15	15	63	16	KED
	Cd	**111**	**-0.001**	ug/L	0.003	515	1	1	69	KED
	Cd	**114**	**0.002**	ug/L	0.003	177	1	3	94	KED
>	**In**	**115**		ug/L			1341444	1361651	0	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	25	134	107	7	Standard
	Ba	**135**	**-0.047**	ug/L	0.001	1	506	124	3	Standard
	Ba	**137**	**-0.046**	ug/L	0.002	3	855	185	13	Standard
>	**Tb**	**159**		ug/L			2351464	2376558	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	14	146	347	9	Standard
	Pb	**208**	**0.006**	ug/L	0.000	5	535	1219	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Monday, June 28, 2021 19:17:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1071711	1	Standard
	Be	9	0.005	ug/L	0.001	15	6	40	11	Standard
	C	13		ug/L			23638	36554	0	Standard
	Cl	37		ug/L			8688083	7692322	1	Standard
>	Sc	45		ug/L			1340786	998261	1	Standard
	Na	23	S	ug/L	S	S	37122	S	S	Standard
	Mg	24	74.071	ug/L	0.641	0	4302	1651441	1	Standard
	Al	27	120.952	ug/L	0.772	0	4418	2497506	1	Standard
	K	39	53044.037	ug/L	2117.364	3	1211710	1161480345	5	Standard
	Ca	44	32653.359	ug/L	598.558	1	9439	28868822	3	Standard
	V	51	0.692	ug/L	0.012	1	5885	21158	2	Standard
	V-1	51	0.781	ug/L	0.002	0	466	19465	1	Standard
	Cr	52	1.230	ug/L	0.002	0	17376	39036	1	Standard
	Cr	53	1.496	ug/L	0.044	2	230	3869	1	Standard
	Fe	54	2351.299	ug/L	42.288	1	91382	4873943	3	Standard
	Fe	57	2549.462	ug/L	30.815	1	17833	1874326	1	Standard
	Mn	55	16.817	ug/L	0.041	0	1083	535577	1	Standard
>	Ge	72		ug/L			83230	63689	1	KED
	Co	59	0.238	ug/L	0.008	3	4	977	2	KED
	Ni	60	4.264	ug/L	0.096	2	17	4962	1	KED
	Ni	62	4.418	ug/L	0.261	5	3	836	4	KED
	Cu	63	3.932	ug/L	0.033	0	116	13182	1	KED
	Cu	65	3.931	ug/L	0.074	1	55	6543	2	KED
	Zn	66	3.276	ug/L	0.104	3	151	1772	1	KED
	Zn	67	5.188	ug/L	0.495	9	18	442	9	KED
	As	75	1.364	ug/L	0.058	4	3	341	2	KED
	Se	78	1.154	ug/L	0.113	9	12	42	9	KED
	Y	89		ug/L			663280	534311	0	Standard
	Kr	83		ug/L			296	390	9	Standard
>	In-1	115		ug/L			26379	19789	1	KED
	Mo	98	97.015	ug/L	1.145	1	15	130681	0	KED
	Cd	111	0.044	ug/L	0.012	26	1	15	23	KED
	Cd	114	0.035	ug/L	0.006	16	1	30	16	KED
>	In	115		ug/L			1341444	914795	1	Standard
	Ag	107	-0.000	ug/L	0.002	426	134	85	34	Standard
	Ba	135	52.469	ug/L	0.751	1	506	295007	0	Standard
	Ba	137	52.070	ug/L	0.342	0	855	524354	0	Standard
>	Tb	159		ug/L			2351464	2090006	3	Standard
	Tl	205	0.088	ug/L	0.002	2	146	6775	1	Standard
	Pb	208	38.549	ug/L	0.665	1	535	3846713	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:23:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1062462	1	Standard
	Be	9	0.005	ug/L	0.002	29	6	41	23	Standard
	C	13		ug/L			23638	51282	0	Standard
	Cl	37		ug/L			8688083	6395878	2	Standard
>	Sc	45		ug/L			1340786	786596	0	Standard
	Na	23	S	ug/L	S	S	37122	S	S	Standard
	Mg	24	43.031	ug/L	0.341	0	4302	757008	0	Standard
	Al	27	390.771	ug/L	5.806	1	4418	6352743	2	Standard
	K	39	55970.412	ug/L	1293.392	2	1211710	965169122	1	Standard
	Ca	44	97934.800	ug/L	1626.807	1	9439	68209255	2	Standard
	V	51	2.481	ug/L	0.031	1	5885	50835	0	Standard
	V-1	51	2.576	ug/L	0.028	1	466	49957	0	Standard
	Cr	52	1.081	ug/L	0.033	3	17376	28259	1	Standard
	Cr	53	1.425	ug/L	0.037	2	230	2912	1	Standard
	Fe	54	58.939	ug/L	1.099	1	91382	148525	1	Standard
	Fe	57	392.789	ug/L	1.710	0	17833	236405	1	Standard
	Mn	55	5.504	ug/L	0.023	0	1083	138557	1	Standard
>	Ge	72		ug/L			83230	54431	0	KED
	Co	59	0.197	ug/L	0.001	0	4	694	0	KED
	Ni	60	10.038	ug/L	0.039	0	17	9969	0	KED
	Ni	62	10.423	ug/L	0.575	5	3	1683	6	KED
	Cu	63	5.856	ug/L	0.032	0	116	16742	0	KED
	Cu	65	5.847	ug/L	0.143	2	55	8300	2	KED
	Zn	66	1.799	ug/L	0.095	5	151	876	5	KED
	Zn	67	11.443	ug/L	0.156	1	18	819	1	KED
	As	75	21.368	ug/L	0.280	1	3	4542	1	KED
	Se	78	2.697	ug/L	0.270	10	12	74	9	KED
	Y	89		ug/L			663280	457349	0	Standard
	Kr	83		ug/L			296	517	5	Standard
>	In-1	115		ug/L			26379	17515	1	KED
	Mo	98	648.437	ug/L	5.561	0	15	773052	0	KED
	Cd	111	0.213	ug/L	0.024	11	1	61	10	KED
	Cd	114	0.138	ug/L	0.024	17	1	102	16	KED
>	In	115		ug/L			1341444	659058	0	Standard
	Ag	107	0.001	ug/L	0.001	73	134	78	11	Standard
	Ba	135	271.205	ug/L	1.184	0	506	1097628	0	Standard
	Ba	137	273.530	ug/L	1.148	0	855	1982767	0	Standard
>	Tb	159		ug/L			2351464	1821507	0	Standard
	Tl	205	0.615	ug/L	0.006	1	146	40846	0	Standard
	Pb	208	84.790	ug/L	0.771	0	535	7376077	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0346-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:28:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1036450	0	Standard
Be	9	0.004	ug/L	0.001	22	6	33	18	Standard
C	13		ug/L			23638	51910	0	Standard
Cl	37		ug/L			8688083	6182093	2	Standard
Sc	45		ug/L			1340786	769075	0	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	61.823	ug/L	0.235	0	4302	1062358	0	Standard
Al	27	352.871	ug/L	5.729	1	4418	5608967	2	Standard
K	39	59469.740	ug/L	1724.218	2	1211710	1002653306	2	Standard
Ca	44	24076.817	ug/L	588.507	2	9439	16399128	2	Standard
V	51	2.520	ug/L	0.027	1	5885	50429	0	Standard
V-1	51	2.656	ug/L	0.025	0	466	50345	0	Standard
Cr	52	1.050	ug/L	0.016	1	17376	27140	1	Standard
Cr	53	1.526	ug/L	0.013	0	230	3040	1	Standard
Fe	54	34.506	ug/L	0.830	2	91382	106748	1	Standard
Fe	57	122.580	ug/L	0.862	0	17833	79169	0	Standard
Mn	55	5.312	ug/L	0.050	0	1083	130765	1	Standard
Ge	72		ug/L			83230	54895	1	KED
Co	59	0.172	ug/L	0.006	3	4	611	3	KED
Ni	60	9.164	ug/L	0.052	0	17	9180	1	KED
Ni	62	8.864	ug/L	0.251	2	3	1443	1	KED
Cu	63	9.443	ug/L	0.140	1	116	27178	0	KED
Cu	65	9.498	ug/L	0.154	1	55	13573	0	KED
Zn	66	1.220	ug/L	0.040	3	151	631	3	KED
Zn	67	4.476	ug/L	0.304	6	18	330	6	KED
As	75	22.511	ug/L	0.262	1	3	4825	0	KED
Se	78	3.264	ug/L	0.228	6	12	89	6	KED
Y	89		ug/L			663280	460720	0	Standard
Kr	83		ug/L			296	469	5	Standard
In-1	115		ug/L			26379	16989	0	KED
Mo	98	665.182	ug/L	4.205	0	15	769261	0	KED
Cd	111	0.226	ug/L	0.002	0	1	63	0	KED
Cd	114	0.155	ug/L	0.039	25	1	111	24	KED
In	115		ug/L			1341444	646169	1	Standard
Ag	107	-0.001	ug/L	0.001	116	134	58	13	Standard
Ba	135	97.310	ug/L	2.599	2	506	386233	1	Standard
Ba	137	98.579	ug/L	0.905	0	855	700820	0	Standard
Tb	159		ug/L			2351464	1779746	1	Standard
Tl	205	0.588	ug/L	0.016	2	146	38139	1	Standard
Pb	208	18.431	ug/L	0.336	1	535	1566772	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-04
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:35:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1687349	1	Standard
Be	9	-0.000	ug/L	0.000	84	6	7	25	Standard
C	13		ug/L			23638	69718	0	Standard
Cl	37		ug/L			8688083	8031934	0	Standard
Sc	45		ug/L			1340786	1453396	2	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	291.894	ug/L	3.955	1	4418	8767062	2	Standard
K	39	7674.721	ug/L	213.867	2	1211710	245601265	2	Standard
Ca	44	11074.534	ug/L	85.190	0	9439	14257430	2	Standard
V	51	0.802	ug/L	0.079	9	5885	34642	6	Standard
V-1	51	1.112	ug/L	0.010	0	466	40131	2	Standard
Cr	52	14.671	ug/L	0.090	0	17376	472040	2	Standard
Cr	53	15.230	ug/L	0.145	0	230	55095	3	Standard
Fe	54	28.479	ug/L	0.406	1	91382	183783	2	Standard
Fe	57	103.698	ug/L	0.656	0	17833	129557	3	Standard
Mn	55	5.675	ug/L	0.050	0	1083	263964	3	Standard
Ge	72		ug/L			83230	78635	1	KED
Co	59	0.155	ug/L	0.010	6	4	786	5	KED
Ni	60	1.159	ug/L	0.011	0	17	1677	1	KED
Ni	62	1.210	ug/L	0.224	18	3	285	19	KED
Cu	63	6.457	ug/L	0.032	0	116	26657	1	KED
Cu	65	6.496	ug/L	0.094	1	55	13317	2	KED
Zn	66	11.713	ug/L	0.299	2	151	7459	3	KED
Zn	67	10.682	ug/L	0.575	5	18	1106	4	KED
As	75	0.075	ug/L	0.014	19	3	25	15	KED
Se	78	0.278	ug/L	0.162	58	12	21	25	KED
Y	89		ug/L			663280	710574	2	Standard
Kr	83		ug/L			296	366	5	Standard
In-1	115		ug/L			26379	23917	0	KED
Mo	98	13.146	ug/L	0.050	0	15	21415	0	KED
Cd	111	0.013	ug/L	0.005	39	1	6	28	KED
Cd	114	0.009	ug/L	0.002	20	1	10	17	KED
In	115		ug/L			1341444	1181803	0	Standard
Ag	107	-0.003	ug/L	0.000	10	134	57	11	Standard
Ba	135	0.879	ug/L	0.025	2	506	6821	3	Standard
Ba	137	0.847	ug/L	0.013	1	855	11758	1	Standard
Tb	159		ug/L			2351464	2269161	1	Standard
Tl	205	0.013	ug/L	0.000	2	146	1231	3	Standard
Pb	208	0.008	ug/L	0.001	16	535	1406	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:39:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1207833	1801708	0	Standard
Be	9	-0.000	ug/L	0.000	264	6	8	44	Standard
C	13		ug/L			23638	68352	1	Standard
Cl	37		ug/L			8688083	8319098	0	Standard
> Sc	45		ug/L			1340786	1588820	0	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	325.472	ug/L	1.636	0	4418	10687392	0	Standard
K	39	9987.634	ug/L	139.903	1	1211710	349081407	0	Standard
Ca	44	11411.335	ug/L	267.462	2	9439	16060337	1	Standard
V	51	0.795	ug/L	0.076	9	5885	37649	8	Standard
V-1	51	1.289	ug/L	0.002	0	466	50777	0	Standard
Cr	52	15.972	ug/L	0.231	1	17376	560007	1	Standard
Cr	53	17.074	ug/L	0.361	2	230	67479	1	Standard
Fe	54	35.747	ug/L	0.523	1	91382	224553	0	Standard
Fe	57	112.397	ug/L	1.436	1	17833	151718	0	Standard
Mn	55	5.784	ug/L	0.104	1	1083	294038	1	Standard
> Ge	72		ug/L			83230	79992	1	KED
Co	59	0.255	ug/L	0.004	1	4	1316	2	KED
Ni	60	1.115	ug/L	0.079	7	17	1641	5	KED
Ni	62	1.151	ug/L	0.113	9	3	276	8	KED
Cu	63	6.703	ug/L	0.131	1	116	28143	0	KED
Cu	65	6.535	ug/L	0.186	2	55	13623	2	KED
Zn	66	5.578	ug/L	0.221	3	151	3688	2	KED
Zn	67	5.553	ug/L	0.138	2	18	593	2	KED
As	75	0.078	ug/L	0.010	13	3	27	10	KED
Se	78	0.167	ug/L	0.077	46	12	18	16	KED
Y	89		ug/L			663280	733038	0	Standard
Kr	83		ug/L			296	380	8	Standard
> In-1	115		ug/L			26379	23688	1	KED
Mo	98	15.745	ug/L	0.330	2	15	25398	1	KED
Cd	111	0.016	ug/L	0.003	16	1	7	13	KED
Cd	114	0.008	ug/L	0.001	10	1	9	9	KED
> In	115		ug/L			1341444	1288918	1	Standard
Ag	107	-0.003	ug/L	0.001	28	134	61	30	Standard
Ba	135	0.802	ug/L	0.018	2	506	6835	2	Standard
Ba	137	0.777	ug/L	0.003	0	855	11839	1	Standard
> Tb	159		ug/L			2351464	2297773	0	Standard
Tl	205	0.014	ug/L	0.001	5	146	1281	4	Standard
Pb	208	0.014	ug/L	0.001	7	535	2096	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:44:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1207833	1768775	1	Standard
Be	9	-0.000	ug/L	0.000	456	6	9	34	Standard
C	13		ug/L			23638	63670	1	Standard
Cl	37		ug/L			8688083	8655648	1	Standard
> Sc	45		ug/L			1340786	1578101	1	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	350.781	ug/L	2.369	0	4418	11439496	1	Standard
K	39	12147.260	ug/L	246.779	2	1211710	421337199	1	Standard
Ca	44	12775.096	ug/L	246.985	1	9439	17853894	0	Standard
V	51	0.763	ug/L	0.060	7	5885	36182	7	Standard
V-1	51	1.610	ug/L	0.015	0	466	62848	1	Standard
Cr	52	27.553	ug/L	0.098	0	17376	944736	1	Standard
Cr	53	29.418	ug/L	0.186	0	230	115282	1	Standard
Fe	54	54.621	ug/L	0.412	0	91382	284028	2	Standard
Fe	57	129.660	ug/L	1.818	1	17833	170605	1	Standard
Mn	55	6.806	ug/L	0.111	1	1083	343357	0	Standard
> Ge	72		ug/L			83230	73865	1	KED
Co	59	0.428	ug/L	0.013	2	4	2041	3	KED
Ni	60	0.992	ug/L	0.014	1	17	1350	2	KED
Ni	62	1.104	ug/L	0.039	3	3	245	4	KED
Cu	63	6.985	ug/L	0.214	3	116	27071	1	KED
Cu	65	7.003	ug/L	0.027	0	55	13480	1	KED
Zn	66	6.688	ug/L	0.226	3	151	4057	3	KED
Zn	67	6.136	ug/L	0.193	3	18	603	1	KED
As	75	0.056	ug/L	0.004	7	3	19	5	KED
Se	78	0.124	ug/L	0.051	41	12	15	10	KED
Y	89		ug/L			663280	707272	1	Standard
Kr	83		ug/L			296	348	2	Standard
> In-1	115		ug/L			26379	22651	1	KED
Mo	98	17.668	ug/L	0.209	1	15	27252	0	KED
Cd	111	0.019	ug/L	0.005	27	1	8	22	KED
Cd	114	0.018	ug/L	0.005	24	1	19	23	KED
> In	115		ug/L			1341444	1301459	1	Standard
Ag	107	-0.002	ug/L	0.001	27	134	81	17	Standard
Ba	135	0.898	ug/L	0.011	1	506	7669	2	Standard
Ba	137	0.871	ug/L	0.005	0	855	13290	1	Standard
> Tb	159		ug/L			2351464	2243032	0	Standard
Tl	205	0.015	ug/L	0.000	2	146	1389	2	Standard
Pb	208	0.020	ug/L	0.001	5	535	2676	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0344-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:49:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1702003	1	Standard
Be	9	-0.000	ug/L	0.000	142	6	7	43	Standard
C	13		ug/L			23638	61677	1	Standard
Cl	37		ug/L			8688083	8154633	0	Standard
Sc	45		ug/L			1340786	1559756	0	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	321.942	ug/L	1.326	0	4418	10378081	0	Standard
K	39	11653.479	ug/L	121.469	1	1211710	399622534	0	Standard
Ca	44	11409.150	ug/L	80.536	0	9439	15764290	0	Standard
V	51	0.835	ug/L	0.035	4	5885	38474	4	Standard
V-1	51	1.362	ug/L	0.007	0	466	52622	1	Standard
Cr	52	13.702	ug/L	0.101	0	17376	474500	0	Standard
Cr	53	14.977	ug/L	0.184	1	230	58142	0	Standard
Fe	54	31.047	ug/L	0.918	2	91382	205432	0	Standard
Fe	57	105.399	ug/L	1.552	1	17833	140957	0	Standard
Mn	55	5.093	ug/L	0.045	0	1083	254296	0	Standard
Ge	72		ug/L			83230	73160	0	KED
Co	59	0.643	ug/L	0.029	4	4	3033	3	KED
Ni	60	0.674	ug/L	0.025	3	17	914	4	KED
Ni	62	0.764	ug/L	0.021	2	3	168	3	KED
Cu	63	7.040	ug/L	0.083	1	116	27030	0	KED
Cu	65	7.006	ug/L	0.096	1	55	13358	1	KED
Zn	66	5.268	ug/L	0.187	3	151	3193	3	KED
Zn	67	5.050	ug/L	0.074	1	18	495	1	KED
As	75	0.070	ug/L	0.016	23	3	22	19	KED
Se	78	0.146	ug/L	0.034	23	12	15	7	KED
Y	89		ug/L			663280	702005	2	Standard
Kr	83		ug/L			296	335	10	Standard
In-1	115		ug/L			26379	22467	1	KED
Mo	98	16.731	ug/L	0.202	1	15	25597	0	KED
Cd	111	0.020	ug/L	0.001	6	1	8	6	KED
Cd	114	0.012	ug/L	0.006	50	1	12	45	KED
In	115		ug/L			1341444	1300949	1	Standard
Ag	107	-0.003	ug/L	0.000	13	134	70	10	Standard
Ba	135	0.795	ug/L	0.016	1	506	6837	0	Standard
Ba	137	0.770	ug/L	0.027	3	855	11846	1	Standard
Tb	159		ug/L			2351464	2209433	1	Standard
Tl	205	0.016	ug/L	0.000	2	146	1429	2	Standard
Pb	208	0.010	ug/L	0.000	1	535	1608	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 19:54:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1718394	1	Standard
Be	9	-0.000	ug/L	0.000	38	6	6	15	Standard
C	13		ug/L			23638	66605	0	Standard
Cl	37		ug/L			8688083	8032332	0	Standard
Sc	45		ug/L			1340786	1586464	0	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	318.488	ug/L	3.491	1	4418	10442799	1	Standard
K	39	11730.456	ug/L	218.988	1	1211710	409177154	2	Standard
Ca	44	11297.709	ug/L	66.705	0	9439	15877945	0	Standard
V	51	0.833	ug/L	0.040	4	5885	39063	3	Standard
V-1	51	1.331	ug/L	0.006	0	466	52318	0	Standard
Cr	52	13.583	ug/L	0.085	0	17376	478614	0	Standard
Cr	53	14.768	ug/L	0.204	1	230	58322	1	Standard
Fe	54	32.902	ug/L	0.656	1	91382	214992	1	Standard
Fe	57	106.743	ug/L	1.166	1	17833	144938	0	Standard
Mn	55	5.051	ug/L	0.044	0	1083	256543	1	Standard
Ge	72		ug/L			83230	72181	1	KED
Co	59	0.655	ug/L	0.015	2	4	3048	1	KED
Ni	60	37.379	ug/L	0.732	1	17	49184	0	KED
Ni	62	36.902	ug/L	0.894	2	3	7893	1	KED
Cu	63	7.114	ug/L	0.089	1	116	26944	0	KED
Cu	65	7.049	ug/L	0.065	0	55	13258	1	KED
Zn	66	5.438	ug/L	0.141	2	151	3247	1	KED
Zn	67	5.196	ug/L	0.045	0	18	502	1	KED
As	75	0.080	ug/L	0.008	10	3	25	9	KED
Se	78	0.136	ug/L	0.039	28	12	15	8	KED
Y	89		ug/L			663280	702153	2	Standard
Kr	83		ug/L			296	353	9	Standard
In-1	115		ug/L			26379	22231	0	KED
Mo	98	16.977	ug/L	0.092	0	15	25702	0	KED
Cd	111	0.024	ug/L	0.008	34	1	10	28	KED
Cd	114	0.021	ug/L	0.003	13	1	20	11	KED
In	115		ug/L			1341444	1312962	2	Standard
Ag	107	-0.003	ug/L	0.000	15	134	69	13	Standard
Ba	135	0.831	ug/L	0.028	3	506	7196	1	Standard
Ba	137	0.802	ug/L	0.006	0	855	12417	2	Standard
Tb	159		ug/L			2351464	2233335	1	Standard
Tl	205	0.016	ug/L	0.000	2	146	1450	1	Standard
Pb	208	0.012	ug/L	0.000	2	535	1768	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0657-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:01:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
Li	6		ug/L			1207833	1659687	2	Standard
Be	9	17.690	ug/L	0.298	1	6	184581	1	Standard
C	13		ug/L			23638	70865	0	Standard
Cl	37		ug/L			8688083	7943897	0	Standard
Sc	45		ug/L			1340786	1532753	2	Standard
Na	23	S	ug/L	S	S	37122	S	S	Standard
Mg	24	S	ug/L	S	S	4302	S	S	Standard
Al	27	317.539	ug/L	6.227	1	4418	10056417	0	Standard
K	39	11997.826	ug/L	211.730	1	1211710	404236153	2	Standard
Ca	44	11298.207	ug/L	103.630	0	9439	15339614	1	Standard
V	51	25.534	ug/L	0.711	2	5885	956722	0	Standard
V-1	51	26.078	ug/L	0.694	2	466	980234	0	Standard
Cr	52	36.825	ug/L	0.877	2	17376	1219374	1	Standard
Cr	53	38.203	ug/L	0.727	1	230	145308	1	Standard
Fe	54	31.586	ug/L	2.450	7	91382	203469	1	Standard
Fe	57	102.481	ug/L	2.455	2	17833	135218	1	Standard
Mn	55	29.233	ug/L	0.611	2	1083	1428305	1	Standard
Ge	72		ug/L			83230	71421	0	KED
Co	59	27.726	ug/L	0.196	0	4	127588	0	KED
Ni	60	26.562	ug/L	0.449	1	17	34594	1	KED
Ni	62	26.604	ug/L	0.605	2	3	5632	1	KED
Cu	63	32.098	ug/L	0.332	1	116	119958	0	KED
Cu	65	31.913	ug/L	0.094	0	55	59230	0	KED
Zn	66	79.764	ug/L	0.958	1	151	45376	1	KED
Zn	67	75.249	ug/L	0.919	1	18	6984	1	KED
As	75	25.221	ug/L	0.199	0	3	7034	0	KED
Se	78	80.053	ug/L	1.791	2	12	2584	2	KED
Y	89		ug/L			663280	675366	2	Standard
Kr	83		ug/L			296	339	2	Standard
In-1	115		ug/L			26379	22070	1	KED
Mo	98	16.692	ug/L	0.214	1	15	25086	0	KED
Cd	111	24.061	ug/L	0.812	3	1	8576	2	KED
Cd	114	24.102	ug/L	0.435	1	1	22309	0	KED
In	115		ug/L			1341444	1278646	3	Standard
Ag	107	23.014	ug/L	0.517	2	134	443238	2	Standard
Ba	135	23.433	ug/L	0.841	3	506	184287	0	Standard
Ba	137	22.867	ug/L	0.859	3	855	322102	2	Standard
Tb	159		ug/L			2351464	2161981	2	Standard
Tl	205	25.578	ug/L	0.547	2	146	2009324	1	Standard
Pb	208	27.671	ug/L	0.562	2	535	2856585	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:09:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1389646	0	Standard
[	Be	9	0.000	ug/L	0.001	117	6	12	39	Standard
	C	13		ug/L			23638	26640	1	Standard
	Cl	37		ug/L			8688083	8373654	0	Standard
[>	Sc	45		ug/L			1340786	1586384	3	Standard
[	Na	23	8.797	ug/L	0.319	3	37122	306589	0	Standard
[	Mg	24	0.377	ug/L	0.002	0	4302	18420	3	Standard
[	Al	27	0.302	ug/L	0.013	4	4418	15128	1	Standard
[	K	39	4.006	ug/L	1.244	31	1211710	1571992	1	Standard
[	Ca	44	7.998	ug/L	0.431	5	9439	22386	0	Standard
[	V	51	0.073	ug/L	0.006	8	5885	9751	0	Standard
[	V-1	51	0.006	ug/L	0.001	13	466	800	2	Standard
[	Cr	52	0.283	ug/L	0.022	7	17376	30070	0	Standard
[	Cr	53	0.067	ug/L	0.006	8	230	535	2	Standard
[	Fe	54	-0.352	ug/L	0.576	163	91382	106940	1	Standard
[	Fe	57	61.832	ug/L	2.238	3	17833	92773	0	Standard
[	Mn	55	0.048	ug/L	0.001	2	1083	3712	2	Standard
[>	Ge	72		ug/L			83230	86710	3	KED
[	Co	59	-0.000	ug/L	0.001	359	4	3	86	KED
[	Ni	60	0.033	ug/L	0.001	4	17	69	5	KED
[	Ni	62	0.091	ug/L	0.016	17	3	27	10	KED
[	Cu	63	0.045	ug/L	0.005	12	116	323	10	KED
[	Cu	65	0.047	ug/L	0.005	9	55	163	9	KED
[	Zn	66	0.414	ug/L	0.044	10	151	441	5	KED
[	Zn	67	0.394	ug/L	0.137	34	18	63	25	KED
[	As	75	0.003	ug/L	0.004	129	3	4	29	KED
[	Se	78	-0.022	ug/L	0.068	309	12	12	24	KED
	Y	89		ug/L			663280	727166	1	Standard
	Kr	83		ug/L			296	353	12	Standard
[>	In-1	115		ug/L			26379	25925	2	KED
[	Mo	98	-0.003	ug/L	0.001	29	15	9	16	KED
[	Cd	111	0.005	ug/L	0.002	46	1	3	25	KED
[	Cd	114	0.002	ug/L	0.003	122	1	4	70	KED
[>	In	115		ug/L			1341444	1383725	1	Standard
[	Ag	107	-0.004	ug/L	0.001	13	134	50	22	Standard
[	Ba	135	-0.052	ug/L	0.002	2	506	78	16	Standard
[	Ba	137	-0.049	ug/L	0.001	1	855	142	5	Standard
[>	Tb	159		ug/L			2351464	2293940	0	Standard
[	Tl	205	-0.000	ug/L	0.000	66	146	119	12	Standard
[	Pb	208	0.009	ug/L	0.000	2	535	1481	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:14:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1330538	1	Standard
	Be	**9**	**50.148**	ug/L	0.598	1	6	419516	0	Standard
	C	**13**		ug/L			23638	26817	2	Standard
	Cl	**37**		ug/L			8688083	7957721	0	Standard
>	**Sc**	**45**		ug/L			1340786	1556570	1	Standard
	Na	**23**	**3881.487**	ug/L	50.938	1	37122	113866537	2	Standard
	Mg	**24**	**4080.443**	ug/L	38.117	0	4302	141583001	1	Standard
	Al	**27**	**3972.002**	ug/L	66.505	1	4418	127704894	0	Standard
	K	**39**	**3959.111**	ug/L	61.399	1	1211710	136438725	2	Standard
	Ca	**44**	**4410.821**	ug/L	117.718	2	9439	6088707	2	Standard
	V	**51**	**48.089**	ug/L	0.227	0	5885	1824529	1	Standard
	V-1	**51**	**48.031**	ug/L	0.344	0	466	1833640	0	Standard
	Cr	**52**	**48.193**	ug/L	0.295	0	17376	1614792	1	Standard
	Cr	**53**	**48.007**	ug/L	0.942	1	230	185385	1	Standard
	Fe	**54**	**4423.922**	ug/L	16.307	0	91382	14202774	1	Standard
	Fe	**57**	**4749.614**	ug/L	91.768	1	17833	5426202	0	Standard
	Mn	**55**	**44.819**	ug/L	0.341	0	1083	2223568	1	Standard
>	**Ge**	**72**		ug/L			83230	84913	0	KED
	Co	**59**	**49.382**	ug/L	0.989	2	4	270156	1	KED
	Ni	**60**	**49.898**	ug/L	0.709	1	17	77244	1	KED
	Ni	**62**	**50.215**	ug/L	0.517	1	3	12637	1	KED
	Cu	**63**	**49.932**	ug/L	0.468	0	116	221809	1	KED
	Cu	**65**	**50.231**	ug/L	0.796	1	55	110800	1	KED
	Zn	**66**	**51.691**	ug/L	0.630	1	151	35012	0	KED
	Zn	**67**	**52.083**	ug/L	0.966	1	18	5752	1	KED
	As	**75**	**48.109**	ug/L	0.676	1	3	15949	1	KED
	Se	**78**	**50.259**	ug/L	0.962	1	12	1933	1	KED
	Y	**89**		ug/L			663280	730935	2	Standard
	Kr	**83**		ug/L			296	330	4	Standard
>	**In-1**	**115**		ug/L			26379	25459	0	KED
	Mo	**98**	**47.864**	ug/L	0.463	0	15	82963	1	KED
	Cd	**111**	**50.567**	ug/L	0.383	0	1	20796	0	KED
	Cd	**114**	**49.359**	ug/L	0.163	0	1	52708	0	KED
>	**In**	**115**		ug/L			1341444	1384764	1	Standard
	Ag	**107**	**46.797**	ug/L	0.307	0	134	976323	1	Standard
	Ba	**135**	**44.162**	ug/L	0.210	0	506	376007	2	Standard
	Ba	**137**	**43.366**	ug/L	0.536	1	855	661326	2	Standard
>	**Tb**	**159**		ug/L			2351464	2361574	1	Standard
	Tl	**205**	**50.379**	ug/L	0.657	1	146	4323855	0	Standard
	Pb	**208**	**53.628**	ug/L	0.242	0	535	6048657	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:22:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1335037	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	187	6	5	66	Standard
	C	**13**		ug/L			23638	26432	1	Standard
	Cl	**37**		ug/L			8688083	7657223	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1512022	0	Standard
⌈	**Na**	**23**	**6.298**	ug/L	0.081	1	37122	221221	0	Standard
⌈	**Mg**	**24**	**0.112**	ug/L	0.004	3	4302	8642	2	Standard
⌈	**Al**	**27**	**0.392**	ug/L	0.005	1	4418	17230	1	Standard
⌈	**K**	**39**	**0.101**	ug/L	0.295	292	1211710	1369747	0	Standard
⌈	**Ca**	**44**	**4.500**	ug/L	0.071	1	9439	16666	0	Standard
⌈	**V**	**51**	**0.001**	ug/L	0.004	299	5885	6680	1	Standard
⌈	**V-1**	**51**	**0.000**	ug/L	0.001	246	466	539	5	Standard
⌈	**Cr**	**52**	**0.006**	ug/L	0.007	127	17376	19780	1	Standard
⌈	**Cr**	**53**	**0.003**	ug/L	0.005	164	230	271	7	Standard
⌈	**Fe**	**54**	**2.500**	ug/L	0.354	14	91382	110788	0	Standard
⌈	**Fe**	**57**	**13.559**	ug/L	0.921	6	17833	35097	2	Standard
⌊	**Mn**	**55**	**0.068**	ug/L	0.001	1	1083	4481	1	Standard
⌈>	**Ge**	**72**		ug/L			83230	86586	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.002	149	4	12	92	KED
⌈	**Ni**	**60**	**0.007**	ug/L	0.002	27	17	28	11	KED
⌈	**Ni**	**62**	**0.037**	ug/L	0.013	36	3	13	24	KED
⌈	**Cu**	**63**	**0.030**	ug/L	0.001	4	116	255	4	KED
⌈	**Cu**	**65**	**0.028**	ug/L	0.005	16	55	121	9	KED
⌈	**Zn**	**66**	**0.354**	ug/L	0.086	24	151	400	13	KED
⌈	**Zn**	**67**	**0.333**	ug/L	0.017	5	18	56	1	KED
⌈	**As**	**75**	**0.008**	ug/L	0.006	74	3	5	32	KED
⌊	**Se**	**78**	**-0.030**	ug/L	0.069	234	12	12	22	KED
	Y	**89**		ug/L			663280	712453	0	Standard
	Kr	**83**		ug/L			296	342	5	Standard
⌈>	**In-1**	**115**		ug/L			26379	26253	1	KED
⌈	**Mo**	**98**	**0.029**	ug/L	0.002	5	15	67	5	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.005	7956	1	1	100	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	107	1	5	73	KED
⌈>	**In**	**115**		ug/L			1341444	1341503	0	Standard
⌈	**Ag**	**107**	**-0.003**	ug/L	0.001	53	134	83	33	Standard
⌈	**Ba**	**135**	**-0.044**	ug/L	0.002	4	506	146	10	Standard
⌊	**Ba**	**137**	**-0.041**	ug/L	0.003	6	855	257	15	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2302453	1	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	13	146	271	6	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.000	5	535	1142	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-40
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 20:26:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1352507	0	Standard
	Be	**9**	**-0.000**	ug/L	0.000	84	6	4	65	Standard
	C	**13**		ug/L			23638	53826	0	Standard
	Cl	**37**		ug/L			8688083	7643412	0	Standard
>	**Sc**	**45**		ug/L			1340786	1513571	1	Standard
	Na	**23**	**7.336**	ug/L	0.188	2	37122	251005	0	Standard
	Mg	**24**	**1.274**	ug/L	0.047	3	4302	47823	2	Standard
	Al	**27**	**1.430**	ug/L	0.042	2	4418	49689	0	Standard
	K	**39**	**1.429**	ug/L	0.607	42	1211710	1415051	0	Standard
	Ca	**44**	**10.261**	ug/L	0.388	3	9439	24398	0	Standard
	V	**51**	**0.014**	ug/L	0.005	39	5885	7150	4	Standard
	V-1	**51**	**0.009**	ug/L	0.001	11	466	852	5	Standard
	Cr	**52**	**0.199**	ug/L	0.011	5	17376	26026	2	Standard
	Cr	**53**	**0.178**	ug/L	0.010	5	230	926	2	Standard
	Fe	**54**	**1.122**	ug/L	1.138	101	91382	106602	2	Standard
	Fe	**57**	**10.742**	ug/L	0.229	2	17833	32018	1	Standard
	Mn	**55**	**0.043**	ug/L	0.001	2	1083	3290	0	Standard
>	**Ge**	**72**		ug/L			83230	88167	0	KED
	Co	**59**	**0.000**	ug/L	0.000	299	4	5	21	KED
	Ni	**60**	**0.017**	ug/L	0.012	72	17	45	43	KED
	Ni	**62**	**0.036**	ug/L	0.013	35	3	13	24	KED
	Cu	**63**	**0.051**	ug/L	0.005	10	116	357	7	KED
	Cu	**65**	**0.045**	ug/L	0.007	14	55	163	8	KED
	Zn	**66**	**0.195**	ug/L	0.038	19	151	296	8	KED
	Zn	**67**	**0.273**	ug/L	0.094	34	18	50	21	KED
	As	**75**	**0.004**	ug/L	0.006	125	3	4	40	KED
	Se	**78**	**-0.061**	ug/L	0.036	58	12	11	12	KED
	Y	**89**		ug/L			663280	711187	1	Standard
	Kr	**83**		ug/L			296	310	10	Standard
>	**In-1**	**115**		ug/L			26379	25828	2	KED
	Mo	**98**	**0.008**	ug/L	0.003	31	15	29	13	KED
	Cd	**111**	**0.000**	ug/L	0.002	1902	1	1	50	KED
	Cd	**114**	**0.002**	ug/L	0.002	91	1	3	50	KED
>	**In**	**115**		ug/L			1341444	1390659	1	Standard
	Ag	**107**	**-0.004**	ug/L	0.000	5	134	51	9	Standard
	Ba	**135**	**-0.050**	ug/L	0.002	3	506	96	15	Standard
	Ba	**137**	**-0.047**	ug/L	0.001	1	855	174	5	Standard
>	**Tb**	**159**		ug/L			2351464	2364221	0	Standard
	Tl	**205**	**0.000**	ug/L	0.000	67	146	176	11	Standard
	Pb	**208**	**0.004**	ug/L	0.001	20	535	982	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-20
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 20:31:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1343274	0	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.000	2566	6	7	50	Standard
	C	**13**		ug/L			23638	53116	1	Standard
	Cl	**37**		ug/L			8688083	7639555	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1499990	1	Standard
[	**Na**	**23**	**8.795**	ug/L	3.246	36	37122	290033	31	Standard
[	**Mg**	**24**	**1.907**	ug/L	0.702	36	4302	68592	34	Standard
[	**Al**	**27**	**1.711**	ug/L	0.081	4	4418	57940	3	Standard
[	**K**	**39**	**3.054**	ug/L	1.480	48	1211710	1455915	3	Standard
[	**Ca**	**44**	**8.807**	ug/L	0.543	6	9439	22250	2	Standard
[	**V**	**51**	**0.025**	ug/L	0.002	8	5885	7508	2	Standard
[	**V-1**	**51**	**0.014**	ug/L	0.001	7	466	1047	4	Standard
[	**Cr**	**52**	**0.187**	ug/L	0.003	1	17376	25387	1	Standard
[	**Cr**	**53**	**0.147**	ug/L	0.006	4	230	802	1	Standard
[	**Fe**	**54**	**7.396**	ug/L	0.778	10	91382	124924	1	Standard
[	**Fe**	**57**	**12.763**	ug/L	0.396	3	17833	33946	0	Standard
[	**Mn**	**55**	**0.233**	ug/L	0.004	1	1083	12361	0	Standard
[>	**Ge**	**72**		ug/L			83230	87703	1	KED
[	**Co**	**59**	**0.001**	ug/L	0.001	35	4	12	22	KED
[	**Ni**	**60**	**0.063**	ug/L	0.003	4	17	118	4	KED
[	**Ni**	**62**	**0.075**	ug/L	0.030	40	3	23	32	KED
[	**Cu**	**63**	**0.408**	ug/L	0.016	3	116	1993	4	KED
[	**Cu**	**65**	**0.405**	ug/L	0.005	1	55	980	1	KED
[	**Zn**	**66**	**0.137**	ug/L	0.080	58	151	253	21	KED
[	**Zn**	**67**	**0.171**	ug/L	0.087	50	18	38	24	KED
[	**As**	**75**	**0.006**	ug/L	0.001	23	3	5	9	KED
[	**Se**	**78**	**-0.011**	ug/L	0.065	613	12	12	21	KED
	Y	**89**		ug/L			663280	700217	1	Standard
	Kr	**83**		ug/L			296	316	4	Standard
[>	**In-1**	**115**		ug/L			26379	24845	5	KED
[	**Mo**	**98**	**0.004**	ug/L	0.004	86	15	21	29	KED
[	**Cd**	**111**	**0.001**	ug/L	0.003	258	1	2	49	KED
[	**Cd**	**114**	**0.001**	ug/L	0.002	140	1	3	65	KED
[>	**In**	**115**		ug/L			1341444	1359789	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.001	19	134	55	27	Standard
[	**Ba**	**135**	**-0.040**	ug/L	0.004	8	506	179	18	Standard
[	**Ba**	**137**	**-0.038**	ug/L	0.001	3	855	304	6	Standard
[>	**Tb**	**159**		ug/L			2351464	2327419	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.001	133	146	206	40	Standard
[	**Pb**	**208**	**0.003**	ug/L	0.001	33	535	836	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-36
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 20:36:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1360556	1	Standard
[	**Be**	**9**	**0.000**	ug/L	0.000	69	6	12	24	Standard
	C	**13**		ug/L			23638	57085	0	Standard
	Cl	**37**		ug/L			8688083	7165858	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1552483	0	Standard
[	**Na**	**23**	**422.939**	ug/L	1.386	0	37122	12411614	0	Standard
[	**Mg**	**24**	**239.237**	ug/L	3.959	1	4302	8284811	2	Standard
[	**Al**	**27**	**17.389**	ug/L	0.133	0	4418	562800	1	Standard
[	**K**	**39**	**258.055**	ug/L	3.885	1	1211710	10180574	1	Standard
[	**Ca**	**44**	**2937.390**	ug/L	42.359	1	9439	4048143	1	Standard
[	**V**	**51**	**0.265**	ug/L	0.002	0	5885	16790	1	Standard
[	**V-1**	**51**	**0.252**	ug/L	0.003	1	466	10150	1	Standard
[	**Cr**	**52**	**0.206**	ug/L	0.006	3	17376	26913	0	Standard
[	**Cr**	**53**	**0.169**	ug/L	0.005	3	230	917	2	Standard
[	**Fe**	**54**	**14.585**	ug/L	0.431	2	91382	152159	0	Standard
[	**Fe**	**57**	**21.489**	ug/L	0.763	3	17833	45044	1	Standard
[	**Mn**	**55**	**1.342**	ug/L	0.008	0	1083	67641	0	Standard
[>	**Ge**	**72**		ug/L			83230	88377	0	KED
[	**Co**	**59**	**0.040**	ug/L	0.002	5	4	230	4	KED
[	**Ni**	**60**	**0.169**	ug/L	0.021	12	17	290	11	KED
[	**Ni**	**62**	**0.159**	ug/L	0.043	27	3	45	25	KED
[	**Cu**	**63**	**0.632**	ug/L	0.007	1	116	3042	0	KED
[	**Cu**	**65**	**0.607**	ug/L	0.023	3	55	1452	3	KED
[	**Zn**	**66**	**0.976**	ug/L	0.026	2	151	845	1	KED
[	**Zn**	**67**	**1.197**	ug/L	0.142	11	18	156	10	KED
[	**As**	**75**	**0.552**	ug/L	0.009	1	3	193	0	KED
[	**Se**	**78**	**-0.000**	ug/L	0.044	22044	12	13	12	KED
	Y	**89**		ug/L			663280	712718	1	Standard
	Kr	**83**		ug/L			296	309	13	Standard
[>	**In-1**	**115**		ug/L			26379	26109	1	KED
[	**Mo**	**98**	**0.379**	ug/L	0.013	3	15	687	4	KED
[	**Cd**	**111**	**0.024**	ug/L	0.005	19	1	12	16	KED
[	**Cd**	**114**	**0.018**	ug/L	0.004	20	1	21	19	KED
[>	**In**	**115**		ug/L			1341444	1389844	3	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.000	7	134	50	11	Standard
[	**Ba**	**135**	**3.423**	ug/L	0.091	2	506	29712	1	Standard
[	**Ba**	**137**	**3.351**	ug/L	0.084	2	855	52075	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2379626	2	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	17	146	246	4	Standard
[	**Pb**	**208**	**0.022**	ug/L	0.001	4	535	2988	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-41
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, June 28, 2021 20:41:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1327271	2	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	66	6	13	31	Standard
	C	**13**		ug/L			23638	59880	0	Standard
	Cl	**37**		ug/L			8688083	7162385	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1539382	1	Standard
[	**Na**	**23**	**422.859**	ug/L	8.540	2	37122	12303097	1	Standard
[	**Mg**	**24**	**237.367**	ug/L	4.314	1	4302	8149160	0	Standard
[	**Al**	**27**	**20.045**	ug/L	0.359	1	4418	642424	0	Standard
[	**K**	**39**	**255.178**	ug/L	4.053	1	1211710	9996452	0	Standard
[	**Ca**	**44**	**2898.765**	ug/L	52.290	1	9439	3960616	0	Standard
[	**V**	**51**	**0.255**	ug/L	0.008	2	5885	16300	0	Standard
[	**V-1**	**51**	**0.252**	ug/L	0.003	1	466	10033	1	Standard
[	**Cr**	**52**	**0.261**	ug/L	0.004	1	17376	28486	0	Standard
[	**Cr**	**53**	**0.249**	ug/L	0.019	7	230	1214	6	Standard
[	**Fe**	**54**	**18.445**	ug/L	1.027	5	91382	163024	1	Standard
[	**Fe**	**57**	**24.594**	ug/L	0.936	3	17833	48153	1	Standard
[	**Mn**	**55**	**1.456**	ug/L	0.012	0	1083	72647	0	Standard
[>	**Ge**	**72**		ug/L			83230	85943	3	KED
[	**Co**	**59**	**0.036**	ug/L	0.003	7	4	201	6	KED
[	**Ni**	**60**	**0.213**	ug/L	0.005	2	17	351	3	KED
[	**Ni**	**62**	**0.221**	ug/L	0.028	12	3	60	14	KED
[	**Cu**	**63**	**0.666**	ug/L	0.016	2	116	3112	1	KED
[	**Cu**	**65**	**0.697**	ug/L	0.049	6	55	1610	3	KED
[	**Zn**	**66**	**1.144**	ug/L	0.056	4	151	936	3	KED
[	**Zn**	**67**	**1.363**	ug/L	0.116	8	18	170	6	KED
[	**As**	**75**	**0.556**	ug/L	0.044	7	3	189	5	KED
[	**Se**	**78**	**-0.020**	ug/L	0.017	86	12	12	7	KED
	Y	**89**		ug/L			663280	706936	2	Standard
	Kr	**83**		ug/L			296	320	2	Standard
[>	**In-1**	**115**		ug/L			26379	26256	1	KED
[	**Mo**	**98**	**0.368**	ug/L	0.012	3	15	672	3	KED
[	**Cd**	**111**	**0.017**	ug/L	0.011	63	1	8	48	KED
[	**Cd**	**114**	**0.012**	ug/L	0.003	23	1	15	19	KED
[>	**In**	**115**		ug/L			1341444	1375562	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.001	15	134	50	27	Standard
[	**Ba**	**135**	**3.368**	ug/L	0.015	0	506	28965	1	Standard
[	**Ba**	**137**	**3.335**	ug/L	0.039	1	855	51330	2	Standard
[>	**Tb**	**159**		ug/L			2351464	2364476	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	30	146	243	12	Standard
[	**Pb**	**208**	**0.027**	ug/L	0.001	5	535	3569	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-42
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 20:46:15

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1276063	1	Standard
[	Be	9	0.002	ug/L	0.001	47	6	20	30	Standard
	C	13		ug/L			23638	46456	1	Standard
	Cl	37		ug/L			8688083	7452067	1	Standard
[>	Sc	45		ug/L			1340786	1593256	1	Standard
[	Na	23	3603.301	ug/L	20.478	0	37122	108192122	1	Standard
[	Mg	24	7574.465	ug/L	106.877	1	4302	268995359	0	Standard
[	Al	27	7.050	ug/L	0.036	0	4418	237268	0	Standard
[	K	39	3595.871	ug/L	10.585	0	1211710	126960915	1	Standard
[	Ca	44	54453.817	ug/L	440.008	0	9439	76814316	1	Standard
[	V	51	0.412	ug/L	0.007	1	5885	22929	2	Standard
[	V-1	51	0.432	ug/L	0.004	0	466	17431	2	Standard
[	Cr	52	0.133	ug/L	0.006	4	17376	25160	1	Standard
[	Cr	53	0.205	ug/L	0.007	3	230	1084	1	Standard
[	Fe	54	9.215	ug/L	0.258	2	91382	138639	0	Standard
[	Fe	57	142.481	ug/L	1.687	1	17833	187209	2	Standard
[	Mn	55	19.878	ug/L	0.083	0	1083	1010175	1	Standard
[>	Ge	72		ug/L			83230	77286	0	KED
[	Co	59	0.205	ug/L	0.005	2	4	1026	1	KED
[	Ni	60	0.131	ug/L	0.010	8	17	200	7	KED
[	Ni	62	0.118	ug/L	0.021	17	3	30	16	KED
[	Cu	63	0.242	ug/L	0.017	6	116	1085	6	KED
[	Cu	65	0.247	ug/L	0.007	2	55	547	2	KED
[	Zn	66	0.662	ug/L	0.071	10	151	546	7	KED
[	Zn	67	1.407	ug/L	0.396	28	18	158	25	KED
[	As	75	0.055	ug/L	0.009	16	3	19	13	KED
[	Se	78	0.025	ug/L	0.059	233	12	12	16	KED
	Y	89		ug/L			663280	670894	2	Standard
	Kr	83		ug/L			296	330	1	Standard
[>	In-1	115		ug/L			26379	23659	2	KED
[	Mo	98	0.814	ug/L	0.060	7	15	1323	4	KED
[	Cd	111	0.072	ug/L	0.019	25	1	29	26	KED
[	Cd	114	0.076	ug/L	0.013	16	1	77	17	KED
[>	In	115		ug/L			1341444	1297299	1	Standard
[	Ag	107	-0.004	ug/L	0.000	9	134	43	18	Standard
[	Ba	135	18.365	ug/L	0.197	1	506	146764	1	Standard
[	Ba	137	18.230	ug/L	0.152	0	855	260872	1	Standard
[>	Tb	159		ug/L			2351464	2295410	1	Standard
[	Tl	205	-0.000	ug/L	0.000	623	146	140	10	Standard
[	Pb	208	0.007	ug/L	0.000	6	535	1273	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-02
Sample Dil Factor: 5
DEL
Comments:
Sample Date/Time: Monday, June 28, 2021 20:52:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1206887	11	Standard
	Be	**9**	**0.003**	ug/L	0.002	51	6	29	31	Standard
	C	**13**		ug/L			23638	47698	0	Standard
	Cl	**37**		ug/L			8688083	7655142	1	Standard
>	**Sc**	**45**		ug/L			1340786	1445547	10	Standard
	Na	**23**	**4696.430**	ug/L	537.723	11	37122	126898803	3	Standard
	Mg	**24**	**1210.593**	ug/L	152.737	12	4302	38660125	1	Standard
	Al	**27**	**1.750**	ug/L	0.211	12	4418	56579	2	Standard
	K	**39**	**519.530**	ug/L	64.104	12	1211710	17614142	0	Standard
	Ca	**44**	**4287.203**	ug/L	441.519	10	9439	5455795	1	Standard
	V	**51**	**2.075**	ug/L	0.218	10	5885	78645	1	Standard
	V-1	**51**	**2.260**	ug/L	0.227	10	466	80029	1	Standard
	Cr	**52**	**0.246**	ug/L	0.082	33	17376	26118	1	Standard
	Cr	**53**	**0.887**	ug/L	0.120	13	230	3394	3	Standard
	Fe	**54**	**8.330**	ug/L	6.961	83	91382	121696	5	Standard
	Fe	**57**	**15.319**	ug/L	3.406	22	17833	35160	1	Standard
	Mn	**55**	**85.873**	ug/L	8.912	10	1083	3925906	1	Standard
>	**Ge**	**72**		ug/L			83230	80507	1	KED
	Co	**59**	**0.456**	ug/L	0.016	3	4	2367	4	KED
	Ni	**60**	**3.488**	ug/L	0.058	1	17	5135	2	KED
	Ni	**62**	**3.514**	ug/L	0.068	1	3	841	2	KED
	Cu	**63**	**18.710**	ug/L	0.204	1	116	78864	0	KED
	Cu	**65**	**18.371**	ug/L	0.216	1	55	38453	0	KED
	Zn	**66**	**0.490**	ug/L	0.017	3	151	459	2	KED
	Zn	**67**	**0.668**	ug/L	0.126	18	18	87	15	KED
	As	**75**	**0.165**	ug/L	0.013	8	3	54	6	KED
	Se	**78**	**-0.007**	ug/L	0.042	619	12	12	12	KED
	Y	**89**		ug/L			663280	635394	11	Standard
	Kr	**83**		ug/L			296	302	7	Standard
>	**In-1**	**115**		ug/L			26379	24545	2	KED
	Mo	**98**	**0.315**	ug/L	0.027	8	15	539	5	KED
	Cd	**111**	**3.884**	ug/L	0.191	4	1	1540	2	KED
	Cd	**114**	**3.694**	ug/L	0.089	2	1	3804	3	KED
>	**In**	**115**		ug/L			1341444	1292068	10	Standard
	Ag	**107**	**-0.005**	ug/L	0.001	14	134	40	19	Standard
	Ba	**135**	**1.223**	ug/L	0.132	10	506	10115	1	Standard
	Ba	**137**	**1.214**	ug/L	0.139	11	855	17930	0	Standard
>	**Tb**	**159**		ug/L			2351464	2164674	10	Standard
	Tl	**205**	**0.002**	ug/L	0.001	35	146	253	10	Standard
	Pb	**208**	**0.015**	ug/L	0.002	10	535	1998	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 20:57:11

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1277530	1	Standard
[	**Be**	**9**	**0.002**	ug/L	0.000	18	6	25	11	Standard
	C	**13**		ug/L			23638	45494	1	Standard
	Cl	**37**		ug/L			8688083	7658615	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1546195	1	Standard
[	**Na**	**23**	**4640.597**	ug/L	113.758	2	37122	135201493	2	Standard
[	**Mg**	**24**	**1165.982**	ug/L	12.673	1	4302	40195763	2	Standard
[	**Al**	**27**	**1.933**	ug/L	0.058	3	4418	66842	2	Standard
[	**K**	**39**	**508.554**	ug/L	9.399	1	1211710	18623035	1	Standard
[	**Ca**	**44**	**4192.966**	ug/L	17.711	0	9439	5750339	1	Standard
[	**V**	**51**	**2.012**	ug/L	0.021	1	5885	82333	1	Standard
[	**V-1**	**51**	**2.203**	ug/L	0.019	0	466	84069	1	Standard
[	**Cr**	**52**	**0.196**	ug/L	0.010	5	17376	26492	2	Standard
[	**Cr**	**53**	**0.857**	ug/L	0.006	0	230	3548	1	Standard
[	**Fe**	**54**	**4.901**	ug/L	0.101	2	91382	120892	0	Standard
[	**Fe**	**57**	**12.842**	ug/L	0.066	0	17833	35085	0	Standard
[	**Mn**	**55**	**82.385**	ug/L	1.771	2	1083	4058900	2	Standard
[>	**Ge**	**72**		ug/L			83230	81734	1	KED
[	**Co**	**59**	**0.474**	ug/L	0.007	1	4	2499	0	KED
[	**Ni**	**60**	**3.698**	ug/L	0.106	2	17	5525	1	KED
[	**Ni**	**62**	**3.889**	ug/L	0.105	2	3	945	1	KED
[	**Cu**	**63**	**19.300**	ug/L	0.312	1	116	82582	1	KED
[	**Cu**	**65**	**19.176**	ug/L	0.509	2	55	40741	1	KED
[	**Zn**	**66**	**0.457**	ug/L	0.042	9	151	445	4	KED
[	**Zn**	**67**	**0.571**	ug/L	0.165	28	18	78	23	KED
[	**As**	**75**	**0.160**	ug/L	0.027	16	3	54	16	KED
[	**Se**	**78**	**-0.024**	ug/L	0.073	303	12	11	23	KED
	Y	**89**		ug/L			663280	686545	2	Standard
	Kr	**83**		ug/L			296	277	3	Standard
[>	**In-1**	**115**		ug/L			26379	24588	0	KED
[	**Mo**	**98**	**0.335**	ug/L	0.015	4	15	575	5	KED
[	**Cd**	**111**	**3.906**	ug/L	0.161	4	1	1552	3	KED
[	**Cd**	**114**	**3.988**	ug/L	0.064	1	1	4114	1	KED
[>	**In**	**115**		ug/L			1341444	1333920	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.000	2	134	44	4	Standard
[	**Ba**	**135**	**1.247**	ug/L	0.006	0	506	10715	1	Standard
[	**Ba**	**137**	**1.228**	ug/L	0.015	1	855	18866	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2290288	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	11	146	235	5	Standard
[	**Pb**	**208**	**0.003**	ug/L	0.001	17	535	903	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 21:02:21

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1266308	1	Standard
	Be	**9**	**5.314**	ug/L	0.022	0	6	42316	1	Standard
	C	**13**		ug/L			23638	46236	2	Standard
	Cl	**37**		ug/L			8688083	7555719	0	Standard
>	**Sc**	**45**		ug/L			1340786	1528451	1	Standard
	Na	**23**	**5351.639**	ug/L	44.412	0	37122	154108662	1	Standard
	Mg	**24**	**1969.799**	ug/L	49.991	2	4302	67104230	1	Standard
	Al	**27**	**847.571**	ug/L	14.246	1	4418	26765598	2	Standard
	K	**39**	**1390.371**	ug/L	9.636	0	1211710	47940229	2	Standard
	Ca	**44**	**4996.889**	ug/L	122.067	2	9439	6770577	1	Standard
	V	**51**	**6.816**	ug/L	0.125	1	5885	259721	3	Standard
	V-1	**51**	**7.002**	ug/L	0.121	1	466	262987	3	Standard
	Cr	**52**	**5.082**	ug/L	0.088	1	17376	184890	1	Standard
	Cr	**53**	**5.724**	ug/L	0.062	1	230	21936	1	Standard
	Fe	**54**	**925.713**	ug/L	7.227	0	91382	3000649	1	Standard
	Fe	**57**	**1084.509**	ug/L	2.150	0	17833	1232527	2	Standard
	Mn	**55**	**85.069**	ug/L	1.780	2	1083	4142173	1	Standard
>	**Ge**	**72**		ug/L			83230	82386	1	KED
	Co	**59**	**5.742**	ug/L	0.112	1	4	30480	1	KED
	Ni	**60**	**8.646**	ug/L	0.147	1	17	12998	0	KED
	Ni	**62**	**8.732**	ug/L	0.197	2	3	2134	0	KED
	Cu	**63**	**23.456**	ug/L	0.541	2	116	101123	0	KED
	Cu	**65**	**23.318**	ug/L	0.626	2	55	49920	0	KED
	Zn	**66**	**17.541**	ug/L	0.133	0	151	11626	1	KED
	Zn	**67**	**16.966**	ug/L	0.412	2	18	1830	3	KED
	As	**75**	**5.162**	ug/L	0.087	1	3	1663	3	KED
	Se	**78**	**17.047**	ug/L	0.596	3	12	644	1	KED
	Y	**89**		ug/L			663280	684265	3	Standard
	Kr	**83**		ug/L			296	336	9	Standard
>	**In-1**	**115**		ug/L			26379	25139	0	KED
	Mo	**98**	**0.296**	ug/L	0.008	2	15	521	2	KED
	Cd	**111**	**9.001**	ug/L	0.166	1	1	3656	1	KED
	Cd	**114**	**9.064**	ug/L	0.300	3	1	9558	3	KED
>	**In**	**115**		ug/L			1341444	1346234	0	Standard
	Ag	**107**	**5.092**	ug/L	0.139	2	134	103402	2	Standard
	Ba	**135**	**5.803**	ug/L	0.147	2	506	48471	2	Standard
	Ba	**137**	**5.756**	ug/L	0.119	2	855	86070	2	Standard
>	**Tb**	**159**		ug/L			2351464	2321367	1	Standard
	Tl	**205**	**5.900**	ug/L	0.027	0	146	497949	0	Standard
	Pb	**208**	**5.866**	ug/L	0.062	1	535	650852	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD3
Sample Dil Factor: 5
DEL
Comments:
Sample Date/Time: Monday, June 28, 2021 21:08:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1280291	0	Standard
[	**Be**	**9**	**5.264**	ug/L	0.068	1	6	42381	1	Standard
	C	**13**		ug/L			23638	48283	2	Standard
	Cl	**37**		ug/L			8688083	7354658	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1518905	1	Standard
[	**Na**	**23**	**5358.284**	ug/L	61.220	1	37122	153359555	1	Standard
[	**Mg**	**24**	**1996.300**	ug/L	17.331	0	4302	67598720	1	Standard
[	**Al**	**27**	**851.680**	ug/L	9.819	1	4418	26727544	1	Standard
[	**K**	**39**	**1377.894**	ug/L	8.344	0	1211710	47225729	1	Standard
[	**Ca**	**44**	**4991.004**	ug/L	36.615	0	9439	6721532	0	Standard
[	**V**	**51**	**6.852**	ug/L	0.123	1	5885	259422	2	Standard
[	**V-1**	**51**	**7.022**	ug/L	0.115	1	466	262049	2	Standard
[	**Cr**	**52**	**5.139**	ug/L	0.042	0	17376	185604	1	Standard
[	**Cr**	**53**	**5.726**	ug/L	0.058	1	230	21813	2	Standard
[	**Fe**	**54**	**933.585**	ug/L	13.306	1	91382	3006331	1	Standard
[	**Fe**	**57**	**1084.907**	ug/L	9.449	0	17833	1225224	1	Standard
[	**Mn**	**55**	**85.412**	ug/L	1.069	1	1083	4133622	0	Standard
[>	**Ge**	**72**		ug/L			83230	82995	1	KED
[	**Co**	**59**	**5.633**	ug/L	0.021	0	4	30126	1	KED
[	**Ni**	**60**	**8.810**	ug/L	0.177	2	17	13341	0	KED
[	**Ni**	**62**	**8.760**	ug/L	0.399	4	3	2156	2	KED
[	**Cu**	**63**	**23.438**	ug/L	0.515	2	116	101810	1	KED
[	**Cu**	**65**	**23.600**	ug/L	0.285	1	55	50910	1	KED
[	**Zn**	**66**	**17.570**	ug/L	0.120	0	151	11731	1	KED
[	**Zn**	**67**	**17.702**	ug/L	0.542	3	18	1922	1	KED
[	**As**	**75**	**5.227**	ug/L	0.133	2	3	1696	1	KED
[	**Se**	**78**	**17.098**	ug/L	0.393	2	12	651	3	KED
	Y	**89**		ug/L			663280	696621	3	Standard
	Kr	**83**		ug/L			296	325	6	Standard
[>	**In-1**	**115**		ug/L			26379	25086	0	KED
[	**Mo**	**98**	**0.300**	ug/L	0.008	2	15	526	2	KED
[	**Cd**	**111**	**9.293**	ug/L	0.035	0	1	3767	0	KED
[	**Cd**	**114**	**9.107**	ug/L	0.254	2	1	9583	2	KED
[>	**In**	**115**		ug/L			1341444	1365620	1	Standard
[	**Ag**	**107**	**5.011**	ug/L	0.034	0	134	103235	1	Standard
[	**Ba**	**135**	**5.773**	ug/L	0.052	0	506	48916	0	Standard
[	**Ba**	**137**	**5.598**	ug/L	0.087	1	855	84932	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2323302	1	Standard
[	**Tl**	**205**	**5.798**	ug/L	0.046	0	146	489773	1	Standard
[	**Pb**	**208**	**5.820**	ug/L	0.034	0	535	646228	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:16:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1258017	2	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	1205	6	7	50	Standard
	C	**13**		ug/L			23638	24069	3	Standard
	Cl	**37**		ug/L			8688083	7403939	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1403019	0	Standard
⌈	**Na**	**23**	**1.843**	ug/L	0.023	1	37122	87552	1	Standard
⌈	**Mg**	**24**	**0.194**	ug/L	0.009	4	4302	10564	1	Standard
⌈	**Al**	**27**	**0.318**	ug/L	0.010	3	4418	13829	2	Standard
⌈	**K**	**39**	**-1.064**	ug/L	0.071	6	1211710	1235231	0	Standard
⌈	**Ca**	**44**	**4.865**	ug/L	0.086	1	9439	15919	0	Standard
⌈	**V**	**51**	**0.015**	ug/L	0.004	25	5885	6671	2	Standard
⌈	**V-1**	**51**	**0.010**	ug/L	0.001	7	466	828	3	Standard
⌈	**Cr**	**52**	**0.057**	ug/L	0.006	10	17376	19885	0	Standard
⌈	**Cr**	**53**	**0.039**	ug/L	0.006	15	230	378	5	Standard
⌈	**Fe**	**54**	**-0.013**	ug/L	0.141	1104	91382	95586	0	Standard
⌈	**Fe**	**57**	**-0.057**	ug/L	0.151	265	17833	18603	1	Standard
⌊	**Mn**	**55**	**0.026**	ug/L	0.001	5	1083	2317	2	Standard
⌈>	**Ge**	**72**		ug/L			83230	81812	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.000	4	4	7	0	KED
⌈	**Ni**	**60**	**0.031**	ug/L	0.009	28	17	63	22	KED
⌈	**Ni**	**62**	**0.045**	ug/L	0.016	34	3	14	27	KED
⌈	**Cu**	**63**	**0.040**	ug/L	0.003	7	116	285	2	KED
⌈	**Cu**	**65**	**0.043**	ug/L	0.012	28	55	146	18	KED
⌈	**Zn**	**66**	**0.435**	ug/L	0.042	9	151	431	5	KED
⌈	**Zn**	**67**	**0.536**	ug/L	0.059	10	18	74	6	KED
⌈	**As**	**75**	**0.003**	ug/L	0.004	112	3	4	26	KED
⌊	**Se**	**78**	**-0.026**	ug/L	0.041	157	12	11	11	KED
	Y	**89**		ug/L			663280	667386	0	Standard
	Kr	**83**		ug/L			296	293	2	Standard
⌈>	**In-1**	**115**		ug/L			26379	25221	1	KED
⌈	**Mo**	**98**	**-0.005**	ug/L	0.001	22	15	5	34	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.003	79	1	3	34	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.002	60	1	4	41	KED
⌈>	**In**	**115**		ug/L			1341444	1330669	3	Standard
⌈	**Ag**	**107**	**-0.004**	ug/L	0.000	7	134	45	18	Standard
⌈	**Ba**	**135**	**-0.051**	ug/L	0.001	1	506	81	10	Standard
⌊	**Ba**	**137**	**-0.047**	ug/L	0.001	1	855	156	5	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2256344	1	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	30	146	85	18	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.001	7	535	1366	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:22:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1221898	1	Standard
[	**Be**	**9**	**50.193**	ug/L	0.282	0	6	385654	1	Standard
	C	**13**		ug/L			23638	24854	1	Standard
	Cl	**37**		ug/L			8688083	8052771	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1362814	1	Standard
[	**Na**	**23**	**4190.996**	ug/L	15.383	0	37122	107624799	1	Standard
[	**Mg**	**24**	**4349.165**	ug/L	33.179	0	4302	132122678	0	Standard
[	**Al**	**27**	**4305.269**	ug/L	19.943	0	4418	121212335	1	Standard
[	**K**	**39**	**4635.157**	ug/L	111.466	2	1211710	139644149	3	Standard
[	**Ca**	**44**	**4658.248**	ug/L	24.275	0	9439	5629309	0	Standard
[	**V**	**51**	**49.182**	ug/L	0.447	0	5885	1633740	2	Standard
[	**V-1**	**51**	**49.116**	ug/L	0.334	0	466	1641830	1	Standard
[	**Cr**	**52**	**48.925**	ug/L	0.495	1	17376	1435060	2	Standard
[	**Cr**	**53**	**48.724**	ug/L	0.519	1	230	164748	1	Standard
[	**Fe**	**54**	**4609.025**	ug/L	38.359	0	91382	12950721	0	Standard
[	**Fe**	**57**	**4881.829**	ug/L	27.953	0	17833	4883241	1	Standard
[	**Mn**	**55**	**45.709**	ug/L	0.648	1	1083	1985366	1	Standard
[>	**Ge**	**72**		ug/L			83230	82517	1	KED
[	**Co**	**59**	**49.622**	ug/L	0.682	1	4	263794	1	KED
[	**Ni**	**60**	**49.586**	ug/L	1.104	2	17	74583	1	KED
[	**Ni**	**62**	**49.664**	ug/L	0.616	1	3	12145	1	KED
[	**Cu**	**63**	**49.387**	ug/L	0.447	0	116	213173	0	KED
[	**Cu**	**65**	**49.555**	ug/L	0.579	1	55	106224	1	KED
[	**Zn**	**66**	**51.070**	ug/L	0.843	1	151	33616	1	KED
[	**Zn**	**67**	**51.197**	ug/L	1.601	3	18	5494	1	KED
[	**As**	**75**	**48.369**	ug/L	0.313	0	3	15584	1	KED
[	**Se**	**78**	**51.107**	ug/L	1.041	2	12	1910	0	KED
	Y	**89**		ug/L			663280	657917	1	Standard
	Kr	**83**		ug/L			296	323	4	Standard
[>	**In-1**	**115**		ug/L			26379	25160	0	KED
[	**Mo**	**98**	**47.395**	ug/L	0.918	1	15	81181	1	KED
[	**Cd**	**111**	**49.573**	ug/L	0.372	0	1	20148	0	KED
[	**Cd**	**114**	**49.588**	ug/L	0.520	1	1	52330	0	KED
[>	**In**	**115**		ug/L			1341444	1287785	1	Standard
[	**Ag**	**107**	**48.232**	ug/L	1.069	2	134	935708	1	Standard
[	**Ba**	**135**	**43.883**	ug/L	0.720	1	506	347389	0	Standard
[	**Ba**	**137**	**43.220**	ug/L	0.079	0	855	612857	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2244059	1	Standard
[	**Tl**	**205**	**50.259**	ug/L	0.864	1	146	4098925	0	Standard
[	**Pb**	**208**	**52.975**	ug/L	1.098	2	535	5677135	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:30:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1255371	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	1059	6	6	41	Standard
	C	**13**		ug/L			23638	23993	0	Standard
	Cl	**37**		ug/L			8688083	7608963	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1371709	2	Standard
⌈	**Na**	**23**	**2.250**	ug/L	0.081	3	37122	96090	0	Standard
⌈	**Mg**	**24**	**0.103**	ug/L	0.008	8	4302	7551	1	Standard
⌈	**Al**	**27**	**0.421**	ug/L	0.011	2	4418	16458	0	Standard
⌈	**K**	**39**	**0.731**	ug/L	0.578	79	1211710	1261410	0	Standard
⌈	**Ca**	**44**	**2.198**	ug/L	0.187	8	9439	12323	0	Standard
⌈	**V**	**51**	**0.012**	ug/L	0.005	42	5885	6426	1	Standard
⌈	**V-1**	**51**	**-0.002**	ug/L	0.000	18	466	422	0	Standard
⌈	**Cr**	**52**	**0.043**	ug/L	0.013	30	17376	19021	1	Standard
⌈	**Cr**	**53**	**-0.002**	ug/L	0.004	190	230	229	7	Standard
⌈	**Fe**	**54**	**3.806**	ug/L	0.725	19	91382	104149	0	Standard
⌈	**Fe**	**57**	**9.200**	ug/L	0.514	5	17833	27466	0	Standard
⌊	**Mn**	**55**	**0.055**	ug/L	0.001	2	1083	3501	0	Standard
⌈>	**Ge**	**72**		ug/L			83230	82259	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	370	4	5	88	KED
⌈	**Ni**	**60**	**0.008**	ug/L	0.002	20	17	29	7	KED
⌈	**Ni**	**62**	**0.031**	ug/L	0.035	113	3	11	76	KED
⌈	**Cu**	**63**	**0.029**	ug/L	0.005	17	116	238	7	KED
⌈	**Cu**	**65**	**0.025**	ug/L	0.010	40	55	108	18	KED
⌈	**Zn**	**66**	**0.370**	ug/L	0.037	9	151	391	6	KED
⌈	**Zn**	**67**	**0.519**	ug/L	0.107	20	18	73	16	KED
⌈	**As**	**75**	**0.002**	ug/L	0.001	61	3	3	12	KED
⌊	**Se**	**78**	**-0.038**	ug/L	0.052	135	12	11	18	KED
	Y	**89**		ug/L			663280	664788	1	Standard
	Kr	**83**		ug/L			296	290	4	Standard
⌈>	**In-1**	**115**		ug/L			26379	25241	0	KED
⌈	**Mo**	**98**	**0.032**	ug/L	0.002	5	15	68	4	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.004	202	1	2	57	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.003	171	1	3	91	KED
⌈>	**In**	**115**		ug/L			1341444	1317195	0	Standard
⌈	**Ag**	**107**	**-0.002**	ug/L	0.001	23	134	85	12	Standard
⌈	**Ba**	**135**	**-0.045**	ug/L	0.001	1	506	135	4	Standard
⌊	**Ba**	**137**	**-0.042**	ug/L	0.002	5	855	226	15	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2251649	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	23	146	230	8	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	3	535	1050	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-08
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:34:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1242759	1	Standard
[	Be	9	0.001	ug/L	0.000	15	6	14	7	Standard
	C	13		ug/L			23638	46650	0	Standard
	Cl	37		ug/L			8688083	7165566	0	Standard
[>	Sc	45		ug/L			1340786	1450544	1	Standard
[	Na	23	476.543	ug/L	4.748	0	37122	13060282	0	Standard
[	Mg	24	315.692	ug/L	3.715	1	4302	10212035	1	Standard
[	Al	27	19.446	ug/L	0.204	1	4418	587424	1	Standard
[	K	39	333.339	ug/L	1.813	0	1211710	11903926	1	Standard
[	Ca	44	3761.422	ug/L	70.902	1	9439	4840797	2	Standard
[	V	51	0.241	ug/L	0.014	5	5885	14867	2	Standard
[	V-1	51	0.241	ug/L	0.005	1	466	9062	0	Standard
[	Cr	52	0.211	ug/L	0.013	5	17376	25313	1	Standard
[	Cr	53	0.210	ug/L	0.020	9	230	1003	8	Standard
[	Fe	54	24.192	ug/L	0.240	0	91382	170705	1	Standard
[	Fe	57	28.976	ug/L	0.169	0	17833	50028	1	Standard
[	Mn	55	5.625	ug/L	0.116	2	1083	261029	0	Standard
[>	Ge	72		ug/L			83230	83821	1	KED
[	Co	59	0.171	ug/L	0.009	5	4	927	4	KED
[	Ni	60	5.908	ug/L	0.088	1	17	9044	2	KED
[	Ni	62	5.920	ug/L	0.239	4	3	1473	3	KED
[	Cu	63	2.039	ug/L	0.055	2	116	9051	1	KED
[	Cu	65	2.065	ug/L	0.057	2	55	4550	2	KED
[	Zn	66	4.453	ug/L	0.063	1	151	3116	2	KED
[	Zn	67	4.316	ug/L	0.282	6	18	487	6	KED
[	As	75	0.449	ug/L	0.046	10	3	150	10	KED
[	Se	78	0.019	ug/L	0.028	145	12	13	7	KED
	Y	89		ug/L			663280	680504	1	Standard
	Kr	83		ug/L			296	304	9	Standard
[>	In-1	115		ug/L			26379	25399	2	KED
[	Mo	98	0.407	ug/L	0.019	4	15	718	3	KED
[	Cd	111	0.045	ug/L	0.013	28	1	20	24	KED
[	Cd	114	0.036	ug/L	0.012	33	1	40	31	KED
[>	In	115		ug/L			1341444	1342168	1	Standard
[	Ag	107	-0.004	ug/L	0.000	2	134	51	3	Standard
[	Ba	135	3.775	ug/L	0.068	1	506	31614	1	Standard
[	Ba	137	3.643	ug/L	0.029	0	855	54620	1	Standard
[>	Tb	159		ug/L			2351464	2290640	0	Standard
[	Tl	205	0.002	ug/L	0.001	38	146	309	20	Standard
[	Pb	208	0.028	ug/L	0.001	2	535	3553	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-12
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:39:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1251517	2	Standard
[	**Be**	**9**	**0.001**	ug/L	0.001	85	6	13	37	Standard
	C	**13**		ug/L			23638	58820	0	Standard
	Cl	**37**		ug/L			8688083	7071683	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1442307	1	Standard
[	**Na**	**23**	**479.348**	ug/L	8.079	1	37122	13063023	1	Standard
[	**Mg**	**24**	**327.580**	ug/L	4.742	1	4302	10537045	2	Standard
[	**Al**	**27**	**20.056**	ug/L	0.190	0	4418	602280	1	Standard
[	**K**	**39**	**342.300**	ug/L	4.125	1	1211710	12121028	2	Standard
[	**Ca**	**44**	**3783.281**	ug/L	13.537	0	9439	4840701	1	Standard
[	**V**	**51**	**0.254**	ug/L	0.005	2	5885	15216	0	Standard
[	**V-1**	**51**	**0.252**	ug/L	0.002	0	466	9423	0	Standard
[	**Cr**	**52**	**0.247**	ug/L	0.002	0	17376	26261	1	Standard
[	**Cr**	**53**	**0.242**	ug/L	0.012	5	230	1114	5	Standard
[	**Fe**	**54**	**18.382**	ug/L	0.242	1	91382	152570	0	Standard
[	**Fe**	**57**	**22.991**	ug/L	0.227	0	17833	43431	0	Standard
[	**Mn**	**55**	**4.317**	ug/L	0.015	0	1083	199530	1	Standard
[>	**Ge**	**72**		ug/L			83230	83982	0	KED
[	**Co**	**59**	**0.055**	ug/L	0.008	14	4	299	14	KED
[	**Ni**	**60**	**0.195**	ug/L	0.026	13	17	315	13	KED
[	**Ni**	**62**	**0.166**	ug/L	0.062	37	3	45	34	KED
[	**Cu**	**63**	**1.793**	ug/L	0.037	2	116	7991	1	KED
[	**Cu**	**65**	**1.825**	ug/L	0.023	1	55	4034	0	KED
[	**Zn**	**66**	**3.762**	ug/L	0.149	3	151	2661	3	KED
[	**Zn**	**67**	**3.676**	ug/L	0.436	11	18	419	11	KED
[	**As**	**75**	**0.359**	ug/L	0.031	8	3	120	8	KED
[	**Se**	**78**	**0.045**	ug/L	0.120	266	12	14	30	KED
	Y	**89**		ug/L			663280	671082	1	Standard
	Kr	**83**		ug/L			296	301	12	Standard
[>	**In-1**	**115**		ug/L			26379	25479	0	KED
[	**Mo**	**98**	**0.360**	ug/L	0.028	7	15	639	7	KED
[	**Cd**	**111**	**0.036**	ug/L	0.012	33	1	16	29	KED
[	**Cd**	**114**	**0.032**	ug/L	0.006	19	1	35	18	KED
[>	**In**	**115**		ug/L			1341444	1339205	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.000	8	134	54	13	Standard
[	**Ba**	**135**	**3.352**	ug/L	0.027	0	506	28063	1	Standard
[	**Ba**	**137**	**3.278**	ug/L	0.082	2	855	49115	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2288211	1	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	12	146	272	5	Standard
[	**Pb**	**208**	**0.023**	ug/L	0.001	2	535	3043	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-23
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:44:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1254584	0	Standard
[	Be	9	0.000	ug/L	0.001	620	6	8	74	Standard
	C	13		ug/L			23638	50133	0	Standard
	Cl	37		ug/L			8688083	7104184	0	Standard
[>	Sc	45		ug/L			1340786	1428443	1	Standard
[	Na	23	447.939	ug/L	6.695	1	37122	12091536	1	Standard
[	Mg	24	271.977	ug/L	1.604	0	4302	8664574	1	Standard
[	Al	27	28.272	ug/L	0.562	1	4418	838929	2	Standard
[	K	39	299.888	ug/L	5.677	1	1211710	10675761	2	Standard
[	Ca	44	3231.342	ug/L	117.396	3	9439	4095106	2	Standard
[	V	51	0.297	ug/L	0.010	3	5885	16566	1	Standard
[	V-1	51	0.292	ug/L	0.006	2	466	10733	1	Standard
[	Cr	52	0.191	ug/L	0.016	8	17376	24306	1	Standard
[	Cr	53	0.180	ug/L	0.004	2	230	881	2	Standard
[	Fe	54	27.270	ug/L	0.176	0	91382	177099	1	Standard
[	Fe	57	30.290	ug/L	0.581	1	17833	50633	0	Standard
[	Mn	55	1.633	ug/L	0.014	0	1083	75441	0	Standard
[>	Ge	72		ug/L			83230	84137	1	KED
[	Co	59	0.050	ug/L	0.001	2	4	274	3	KED
[	Ni	60	0.273	ug/L	0.013	4	17	436	5	KED
[	Ni	62	0.270	ug/L	0.045	16	3	71	15	KED
[	Cu	63	2.206	ug/L	0.023	1	116	9821	1	KED
[	Cu	65	2.198	ug/L	0.057	2	55	4856	1	KED
[	Zn	66	2.801	ug/L	0.098	3	151	2024	2	KED
[	Zn	67	3.002	ug/L	0.165	5	18	346	4	KED
[	As	75	0.570	ug/L	0.057	10	3	190	8	KED
[	Se	78	-0.036	ug/L	0.082	226	12	11	25	KED
	Y	89		ug/L			663280	668458	1	Standard
	Kr	83		ug/L			296	281	9	Standard
[>	In-1	115		ug/L			26379	25384	0	KED
[	Mo	98	0.398	ug/L	0.031	7	15	702	7	KED
[	Cd	111	0.032	ug/L	0.010	32	1	14	28	KED
[	Cd	114	0.027	ug/L	0.006	23	1	30	21	KED
[>	In	115		ug/L			1341444	1334383	0	Standard
[	Ag	107	-0.004	ug/L	0.000	6	134	57	8	Standard
[	Ba	135	3.505	ug/L	0.032	0	506	29217	1	Standard
[	Ba	137	3.479	ug/L	0.021	0	855	51908	1	Standard
[>	Tb	159		ug/L			2351464	2277643	1	Standard
[	Tl	205	0.001	ug/L	0.000	31	146	260	12	Standard
[	Pb	208	0.039	ug/L	0.001	1	535	4778	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-25
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:49:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1225850	4	Standard
[	**Be**	**9**	**0.001**	ug/L	0.000	52	6	12	18	Standard
	C	**13**		ug/L			23638	55802	1	Standard
	Cl	**37**		ug/L			8688083	7069668	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1388861	4	Standard
[	**Na**	**23**	**465.407**	ug/L	10.140	2	37122	12207313	1	Standard
[	**Mg**	**24**	**290.549**	ug/L	8.491	2	4302	8992679	1	Standard
[	**Al**	**27**	**22.468**	ug/L	0.535	2	4418	648781	1	Standard
[	**K**	**39**	**326.394**	ug/L	9.850	3	1211710	11178760	1	Standard
[	**Ca**	**44**	**3317.425**	ug/L	74.438	2	9439	4086493	2	Standard
[	**V**	**51**	**0.274**	ug/L	0.009	3	5885	15312	2	Standard
[	**V-1**	**51**	**0.264**	ug/L	0.007	2	466	9458	2	Standard
[	**Cr**	**52**	**0.231**	ug/L	0.025	10	17376	24788	1	Standard
[	**Cr**	**53**	**0.201**	ug/L	0.016	8	230	928	2	Standard
[	**Fe**	**54**	**23.680**	ug/L	3.230	13	91382	161737	1	Standard
[	**Fe**	**57**	**25.613**	ug/L	0.777	3	17833	44464	2	Standard
[	**Mn**	**55**	**1.623**	ug/L	0.060	3	1083	72856	0	Standard
[>	**Ge**	**72**		ug/L			83230	82883	1	KED
[	**Co**	**59**	**0.091**	ug/L	0.008	9	4	488	10	KED
[	**Ni**	**60**	**0.252**	ug/L	0.029	11	17	396	9	KED
[	**Ni**	**62**	**0.300**	ug/L	0.039	13	3	77	13	KED
[	**Cu**	**63**	**2.096**	ug/L	0.036	1	116	9201	3	KED
[	**Cu**	**65**	**2.073**	ug/L	0.076	3	55	4515	2	KED
[	**Zn**	**66**	**3.322**	ug/L	0.143	4	151	2336	2	KED
[	**Zn**	**67**	**3.564**	ug/L	0.344	9	18	401	9	KED
[	**As**	**75**	**0.497**	ug/L	0.025	5	3	163	3	KED
[	**Se**	**78**	**-0.059**	ug/L	0.068	115	12	10	24	KED
	Y	**89**		ug/L			663280	642143	3	Standard
	Kr	**83**		ug/L			296	302	6	Standard
[>	**In-1**	**115**		ug/L			26379	25140	1	KED
[	**Mo**	**98**	**0.361**	ug/L	0.005	1	15	631	2	KED
[	**Cd**	**111**	**0.031**	ug/L	0.008	26	1	14	24	KED
[	**Cd**	**114**	**0.026**	ug/L	0.009	34	1	29	32	KED
[>	**In**	**115**		ug/L			1341444	1322140	3	Standard
[	**Ag**	**107**	**-0.003**	ug/L	0.000	9	134	63	14	Standard
[	**Ba**	**135**	**3.817**	ug/L	0.107	2	506	31458	1	Standard
[	**Ba**	**137**	**3.743**	ug/L	0.100	2	855	55227	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2242357	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	8	146	243	4	Standard
[	**Pb**	**208**	**0.053**	ug/L	0.002	3	535	6224	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-27
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 21:54:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1226342	0	Standard
	Be	9	-0.000	ug/L	0.000	2809	6	6	41	Standard
	C	13		ug/L			23638	54019	1	Standard
	Cl	37		ug/L			8688083	7066938	0	Standard
>	Sc	45		ug/L			1340786	1396484	1	Standard
	Na	23	459.417	ug/L	7.993	1	37122	12121887	1	Standard
	Mg	24	285.256	ug/L	7.454	2	4302	8881928	1	Standard
	Al	27	22.289	ug/L	0.284	1	4418	647507	1	Standard
	K	39	323.639	ug/L	2.133	0	1211710	11164621	2	Standard
	Ca	44	3325.105	ug/L	95.618	2	9439	4119537	2	Standard
	V	51	0.262	ug/L	0.012	4	5885	15022	0	Standard
	V-1	51	0.262	ug/L	0.005	1	466	9453	0	Standard
	Cr	52	0.188	ug/L	0.014	7	17376	23674	0	Standard
	Cr	53	0.189	ug/L	0.014	7	230	894	6	Standard
	Fe	54	21.634	ug/L	1.119	5	91382	156993	1	Standard
	Fe	57	24.674	ug/L	0.598	2	17833	43769	1	Standard
	Mn	55	1.633	ug/L	0.027	1	1083	73767	2	Standard
>	Ge	72		ug/L			83230	82040	1	KED
	Co	59	0.042	ug/L	0.005	11	4	224	9	KED
	Ni	60	0.159	ug/L	0.017	10	17	253	10	KED
	Ni	62	0.152	ug/L	0.012	7	3	40	7	KED
	Cu	63	2.128	ug/L	0.036	1	116	9240	1	KED
	Cu	65	2.110	ug/L	0.040	1	55	4549	2	KED
	Zn	66	3.810	ug/L	0.105	2	151	2630	0	KED
	Zn	67	3.988	ug/L	0.138	3	18	442	5	KED
	As	75	0.489	ug/L	0.019	3	3	159	4	KED
	Se	78	0.031	ug/L	0.021	67	12	13	6	KED
	Y	89		ug/L			663280	662888	1	Standard
	Kr	83		ug/L			296	275	10	Standard
>	In-1	115		ug/L			26379	25205	2	KED
	Mo	98	0.376	ug/L	0.028	7	15	658	5	KED
	Cd	111	0.033	ug/L	0.012	34	1	15	28	KED
	Cd	114	0.033	ug/L	0.011	34	1	36	34	KED
>	In	115		ug/L			1341444	1317131	1	Standard
	Ag	107	-0.004	ug/L	0.000	8	134	54	12	Standard
	Ba	135	3.599	ug/L	0.036	0	506	29600	1	Standard
	Ba	137	3.491	ug/L	0.010	0	855	51403	1	Standard
>	Tb	159		ug/L			2351464	2259126	0	Standard
	Tl	205	0.001	ug/L	0.000	23	146	217	7	Standard
	Pb	208	0.029	ug/L	0.000	1	535	3625	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 22:00:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1228885	0	Standard
[	Be	9	0.008	ug/L	0.002	27	6	71	24	Standard
	C	13		ug/L			23638	44620	1	Standard
	Cl	37		ug/L			8688083	7227002	1	Standard
[>	Sc	45		ug/L			1340786	1380280	0	Standard
[	Na	23	208.980	ug/L	4.124	1	37122	5472228	2	Standard
[	Mg	24	336.196	ug/L	2.963	0	4302	10348914	1	Standard
[	Al	27	99.728	ug/L	0.029	0	4418	2848112	0	Standard
[	K	39	273.555	ug/L	4.497	1	1211710	9520268	1	Standard
[	Ca	44	2674.782	ug/L	17.677	0	9439	3278123	1	Standard
[	V	51	0.046	ug/L	0.005	11	5885	7608	2	Standard
[	V-1	51	0.035	ug/L	0.001	3	466	1650	2	Standard
[	Cr	52	0.092	ug/L	0.014	15	17376	20594	2	Standard
[	Cr	53	0.054	ug/L	0.008	14	230	421	6	Standard
[	Fe	54	17.353	ug/L	0.761	4	91382	143115	1	Standard
[	Fe	57	21.231	ug/L	0.147	0	17833	39789	0	Standard
[	Mn	55	98.642	ug/L	2.334	2	1083	4338375	2	Standard
[>	Ge	72		ug/L			83230	81778	0	KED
[	Co	59	1.731	ug/L	0.026	1	4	9123	2	KED
[	Ni	60	0.717	ug/L	0.044	6	17	1086	7	KED
[	Ni	62	0.823	ug/L	0.084	10	3	203	10	KED
[	Cu	63	1.236	ug/L	0.034	2	116	5399	2	KED
[	Cu	65	1.253	ug/L	0.013	1	55	2715	0	KED
[	Zn	66	18.089	ug/L	0.072	0	151	11897	1	KED
[	Zn	67	17.216	ug/L	0.458	2	18	1843	1	KED
[	As	75	0.030	ug/L	0.009	31	3	12	22	KED
[	Se	78	-0.061	ug/L	0.026	43	12	10	9	KED
	Y	89		ug/L			663280	665616	1	Standard
	Kr	83		ug/L			296	287	8	Standard
[>	In-1	115		ug/L			26379	24956	1	KED
[	Mo	98	0.055	ug/L	0.014	26	15	106	22	KED
[	Cd	111	0.179	ug/L	0.014	8	1	73	8	KED
[	Cd	114	0.199	ug/L	0.009	4	1	209	5	KED
[>	In	115		ug/L			1341444	1333519	0	Standard
[	Ag	107	-0.005	ug/L	0.000	5	134	34	16	Standard
[	Ba	135	2.072	ug/L	0.037	1	506	17470	2	Standard
[	Ba	137	2.035	ug/L	0.039	1	855	30689	1	Standard
[>	Tb	159		ug/L			2351464	2289088	1	Standard
[	Tl	205	0.004	ug/L	0.000	7	146	462	4	Standard
[	Pb	208	0.011	ug/L	0.000	2	535	1755	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 22:05:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1207833	1195697	0	Standard
⌊	Be	9	0.009	ug/L	0.002	22	6	74	20	Standard
	C	13		ug/L			23638	43649	0	Standard
	Cl	37		ug/L			8688083	7264844	0	Standard
⌈>	Sc	45		ug/L			1340786	1342761	0	Standard
⌈	Na	23	207.966	ug/L	1.501	0	37122	5297391	0	Standard
⌈	Mg	24	329.698	ug/L	0.646	0	4302	9873005	0	Standard
⌈	Al	27	98.773	ug/L	0.367	0	4418	2744236	0	Standard
⌈	K	39	274.892	ug/L	10.222	3	1211710	9299555	2	Standard
⌈	Ca	44	2597.407	ug/L	20.963	0	9439	3096913	0	Standard
⌈	V	51	0.047	ug/L	0.006	12	5885	7430	2	Standard
⌈	V-1	51	0.030	ug/L	0.001	4	466	1468	3	Standard
⌈	Cr	52	0.076	ug/L	0.011	14	17376	19579	1	Standard
⌈	Cr	53	0.023	ug/L	0.007	29	230	306	6	Standard
⌈	Fe	54	17.074	ug/L	0.271	1	91382	138452	0	Standard
⌈	Fe	57	20.420	ug/L	0.382	1	17833	37911	1	Standard
⌊	Mn	55	97.487	ug/L	1.280	1	1083	4171017	1	Standard
⌈>	Ge	72		ug/L			83230	81419	0	KED
⌈	Co	59	1.692	ug/L	0.015	0	4	8882	1	KED
⌈	Ni	60	0.665	ug/L	0.036	5	17	1003	4	KED
⌈	Ni	62	0.750	ug/L	0.073	9	3	184	9	KED
⌈	Cu	63	1.171	ug/L	0.021	1	116	5100	1	KED
⌈	Cu	65	1.167	ug/L	0.047	4	55	2521	4	KED
⌈	Zn	66	17.176	ug/L	0.210	1	151	11253	0	KED
⌈	Zn	67	15.981	ug/L	0.569	3	18	1705	4	KED
⌈	As	75	0.043	ug/L	0.016	36	3	16	30	KED
⌊	Se	78	-0.058	ug/L	0.063	107	12	10	22	KED
	Y	89		ug/L			663280	655184	1	Standard
	Kr	83		ug/L			296	287	13	Standard
⌈>	In-1	115		ug/L			26379	24288	0	KED
⌈	Mo	98	0.051	ug/L	0.011	22	15	98	18	KED
⌈	Cd	111	0.161	ug/L	0.016	9	1	65	9	KED
⌊	Cd	114	0.170	ug/L	0.007	3	1	174	3	KED
⌈>	In	115		ug/L			1341444	1306551	1	Standard
⌈	Ag	107	-0.005	ug/L	0.000	6	134	33	17	Standard
⌈	Ba	135	1.996	ug/L	0.025	1	506	16500	1	Standard
⌊	Ba	137	1.954	ug/L	0.005	0	855	28908	1	Standard
⌈>	Tb	159		ug/L			2351464	2248342	1	Standard
⌈	Tl	205	0.003	ug/L	0.000	6	146	422	5	Standard
⌊	Pb	208	0.008	ug/L	0.000	3	535	1356	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 22:10:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**			ug/L			1207833	1172513	1	Standard
⌊	**Be**	**9**		**5.235**	ug/L	0.053	1	6	38603	2	Standard
	C	**13**			ug/L			23638	43217	0	Standard
	Cl	**37**			ug/L			8688083	7267601	1	Standard
⌈>	**Sc**	**45**			ug/L			1340786	1347738	2	Standard
⌈	**Na**	**23**		**1055.099**	ug/L	5.018	0	37122	26823703	3	Standard
⌈	**Mg**	**24**		**1219.345**	ug/L	14.448	1	4302	36636270	3	Standard
⌈	**Al**	**27**		**1001.356**	ug/L	6.368	0	4418	27886120	3	Standard
⌈	**K**	**39**		**1287.948**	ug/L	19.835	1	1211710	39259357	4	Standard
⌈	**Ca**	**44**		**3607.953**	ug/L	50.810	1	9439	4314468	3	Standard
⌈	**V**	**51**		**5.025**	ug/L	0.086	1	5885	170351	2	Standard
⌈	**V-1**	**51**		**4.988**	ug/L	0.066	1	466	165294	2	Standard
⌈	**Cr**	**52**		**5.108**	ug/L	0.072	1	17376	163776	2	Standard
⌈	**Cr**	**53**		**4.988**	ug/L	0.018	0	230	16889	3	Standard
⌈	**Fe**	**54**		**1001.309**	ug/L	6.406	0	91382	2854162	2	Standard
⌈	**Fe**	**57**		**1138.590**	ug/L	10.850	0	17833	1140222	3	Standard
⌊	**Mn**	**55**	STL	**100.556**	ug/L	0.753	0	1083	4318788	3	Standard
⌈>	**Ge**	**72**			ug/L			83230	80472	0	KED
⌈	**Co**	**59**		**6.856**	ug/L	0.091	1	4	35550	1	KED
⌈	**Ni**	**60**		**5.825**	ug/L	0.025	0	17	8561	0	KED
⌈	**Ni**	**62**		**5.830**	ug/L	0.191	3	3	1393	3	KED
⌈	**Cu**	**63**		**6.319**	ug/L	0.057	0	116	26699	0	KED
⌈	**Cu**	**65**		**6.420**	ug/L	0.060	0	55	13467	1	KED
⌈	**Zn**	**66**		**34.425**	ug/L	0.309	0	151	22148	1	KED
⌈	**Zn**	**67**		**33.075**	ug/L	0.289	0	18	3468	0	KED
⌈	**As**	**75**		**4.980**	ug/L	0.118	2	3	1567	2	KED
⌊	**Se**	**78**		**17.682**	ug/L	0.551	3	12	652	2	KED
	Y	**89**			ug/L			663280	641607	3	Standard
	Kr	**83**			ug/L			296	274	11	Standard
⌈>	**In-1**	**115**			ug/L			26379	24512	1	KED
⌈	**Mo**	**98**		**0.050**	ug/L	0.015	29	15	97	25	KED
⌈	**Cd**	**111**		**5.429**	ug/L	0.245	4	1	2150	2	KED
⌊	**Cd**	**114**		**5.457**	ug/L	0.057	1	1	5611	0	KED
⌈>	**In**	**115**			ug/L			1341444	1296247	2	Standard
⌈	**Ag**	**107**		**5.256**	ug/L	0.071	1	134	102773	3	Standard
⌈	**Ba**	**135**		**6.501**	ug/L	0.024	0	506	52231	2	Standard
⌊	**Ba**	**137**		**6.379**	ug/L	0.068	1	855	91742	2	Standard
⌈>	**Tb**	**159**			ug/L			2351464	2251942	3	Standard
⌈	**Tl**	**205**		**5.732**	ug/L	0.082	1	146	469458	4	Standard
⌊	**Pb**	**208**		**5.783**	ug/L	0.028	0	535	622410	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, June 28, 2021 22:16:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean		Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6			ug/L			1207833	1164190	0	Standard
[	Be	9	5.204		ug/L	0.191	3	6	38099	3	Standard
	C	13			ug/L			23638	43056	1	Standard
	Cl	37			ug/L			8688083	7319454	0	Standard
[>	Sc	45			ug/L			1340786	1351434	1	Standard
[	Na	23	1047.083		ug/L	13.883	1	37122	26695849	2	Standard
[	Mg	24	1200.775		ug/L	13.804	1	4302	36177084	1	Standard
[	Al	27	989.199		ug/L	4.331	0	4418	27619530	0	Standard
[	K	39	1276.632		ug/L	6.654	0	1211710	39019308	0	Standard
[	Ca	44	3603.750		ug/L	38.764	1	9439	4320779	1	Standard
[	V	51	4.944		ug/L	0.072	1	5885	168193	1	Standard
[	V-1	51	4.935		ug/L	0.071	1	466	164007	1	Standard
[	Cr	52	4.987		ug/L	0.026	0	17376	160765	0	Standard
[	Cr	53	4.956		ug/L	0.009	0	230	16828	1	Standard
[	Fe	54	989.665		ug/L	11.377	1	91382	2830057	1	Standard
[	Fe	57	1134.795		ug/L	2.113	0	17833	1139462	1	Standard
[	Mn	55	STL	102.247	ug/L	0.947	0	1083	4402540	0	Standard
[>	Ge	72			ug/L			83230	79618	1	KED
[	Co	59	6.820		ug/L	0.123	1	4	34983	1	KED
[	Ni	60	5.889		ug/L	0.051	0	17	8561	1	KED
[	Ni	62	5.855		ug/L	0.367	6	3	1384	5	KED
[	Cu	63	6.257		ug/L	0.069	1	116	26159	1	KED
[	Cu	65	6.249		ug/L	0.096	1	55	12970	0	KED
[	Zn	66	34.872		ug/L	0.323	0	151	22193	1	KED
[	Zn	67	32.897		ug/L	0.073	0	18	3413	1	KED
[	As	75	5.119		ug/L	0.043	0	3	1594	1	KED
[	Se	78	16.848		ug/L	0.985	5	12	615	6	KED
	Y	89			ug/L			663280	655978	2	Standard
	Kr	83			ug/L			296	303	6	Standard
[>	In-1	115			ug/L			26379	24516	1	KED
[	Mo	98	0.043		ug/L	0.013	30	15	85	24	KED
[	Cd	111	5.365		ug/L	0.040	0	1	2126	0	KED
[	Cd	114	5.316		ug/L	0.038	0	1	5467	1	KED
[>	In	115			ug/L			1341444	1307712	0	Standard
[	Ag	107	5.209		ug/L	0.129	2	134	102747	1	Standard
[	Ba	135	6.429		ug/L	0.119	1	506	52106	1	Standard
[	Ba	137	6.297		ug/L	0.101	1	855	91379	1	Standard
[>	Tb	159			ug/L			2351464	2253119	1	Standard
[	Tl	205	5.690		ug/L	0.153	2	146	466012	1	Standard
[	Pb	208	5.719		ug/L	0.169	2	535	615762	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:24:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1193151	0	Standard
	Be	**9**	**0.000**	ug/L	0.000	2563	6	6	31	Standard
	C	**13**		ug/L			23638	23137	1	Standard
	Cl	**37**		ug/L			8688083	7415656	0	Standard
>	**Sc**	**45**		ug/L			1340786	1326798	1	Standard
	Na	**23**	**1.133**	ug/L	0.098	8	37122	65035	2	Standard
	Mg	**24**	**0.189**	ug/L	0.005	2	4302	9849	1	Standard
	Al	**27**	**0.342**	ug/L	0.013	3	4418	13731	1	Standard
	K	**39**	**1.162**	ug/L	0.131	11	1211710	1232853	1	Standard
	Ca	**44**	**3.920**	ug/L	0.077	1	9439	13943	0	Standard
	V	**51**	**0.016**	ug/L	0.000	2	5885	6327	1	Standard
	V-1	**51**	**-0.004**	ug/L	0.001	26	466	344	9	Standard
	Cr	**52**	**0.049**	ug/L	0.001	3	17376	18579	1	Standard
	Cr	**53**	**-0.013**	ug/L	0.004	27	230	186	6	Standard
	Fe	**54**	**0.001**	ug/L	0.057	4415	91382	90432	0	Standard
	Fe	**57**	**-2.054**	ug/L	0.102	4	17833	15654	0	Standard
	Mn	**55**	**0.021**	ug/L	0.002	10	1083	1958	3	Standard
>	**Ge**	**72**		ug/L			83230	79618	1	KED
	Co	**59**	**0.000**	ug/L	0.001	224	4	5	57	KED
	Ni	**60**	**0.046**	ug/L	0.007	16	17	82	11	KED
	Ni	**62**	**0.057**	ug/L	0.020	35	3	17	29	KED
	Cu	**63**	**0.045**	ug/L	0.004	8	116	297	6	KED
	Cu	**65**	**0.037**	ug/L	0.014	37	55	130	23	KED
	Zn	**66**	**0.397**	ug/L	0.061	15	151	396	11	KED
	Zn	**67**	**0.537**	ug/L	0.023	4	18	73	1	KED
	As	**75**	**0.001**	ug/L	0.005	576	3	3	51	KED
	Se	**78**	**-0.013**	ug/L	0.044	346	12	11	14	KED
	Y	**89**		ug/L			663280	641040	1	Standard
	Kr	**83**		ug/L			296	297	11	Standard
>	**In-1**	**115**		ug/L			26379	24863	0	KED
	Mo	**98**	**-0.004**	ug/L	0.002	40	15	6	42	KED
	Cd	**111**	**0.002**	ug/L	0.001	76	1	2	21	KED
	Cd	**114**	**0.004**	ug/L	0.001	21	1	5	16	KED
>	**In**	**115**		ug/L			1341444	1286360	0	Standard
	Ag	**107**	**-0.004**	ug/L	0.001	15	134	42	31	Standard
	Ba	**135**	**-0.051**	ug/L	0.001	2	506	84	12	Standard
	Ba	**137**	**-0.048**	ug/L	0.002	3	855	146	15	Standard
>	**Tb**	**159**		ug/L			2351464	2229480	0	Standard
	Tl	**205**	**-0.001**	ug/L	0.000	16	146	84	11	Standard
	Pb	**208**	**0.008**	ug/L	0.001	11	535	1327	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:30:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1210609	0	Standard
	Be	9	49.840	ug/L	1.224	2	6	379447	3	Standard
	C	13		ug/L			23638	23958	2	Standard
	Cl	37		ug/L			8688083	8096538	1	Standard
>	Sc	45		ug/L			1340786	1342990	0	Standard
	Na	23	4209.936	ug/L	61.852	1	37122	106537809	1	Standard
	Mg	24	4455.398	ug/L	40.199	0	4302	133394549	1	Standard
	Al	27	4366.426	ug/L	47.505	1	4418	121133352	0	Standard
	K	39	4928.973	ug/L	49.617	1	1211710	146244000	1	Standard
	Ca	44	4759.910	ug/L	57.502	1	9439	5668461	1	Standard
	V	51	48.859	ug/L	0.805	1	5885	1599392	2	Standard
	V-1	51	48.680	ug/L	0.931	1	466	1603644	2	Standard
	Cr	52	48.596	ug/L	0.612	1	17376	1404687	1	Standard
	Cr	53	48.039	ug/L	0.845	1	230	160089	2	Standard
	Fe	54	4739.300	ug/L	39.354	0	91382	13122010	1	Standard
	Fe	57	4952.719	ug/L	30.686	0	17833	4881798	0	Standard
	Mn	55	46.338	ug/L	0.419	0	1083	1983412	0	Standard
>	Ge	72		ug/L			83230	81224	2	KED
	Co	59	49.835	ug/L	0.688	1	4	260752	0	KED
	Ni	60	49.078	ug/L	0.811	1	17	72662	0	KED
	Ni	62	48.975	ug/L	0.769	1	3	11787	0	KED
	Cu	63	49.490	ug/L	0.882	1	116	210239	0	KED
	Cu	65	49.102	ug/L	0.952	1	55	103586	1	KED
	Zn	66	52.058	ug/L	0.392	0	151	33732	2	KED
	Zn	67	51.586	ug/L	1.103	2	18	5449	0	KED
	As	75	48.550	ug/L	0.415	0	3	15395	1	KED
	Se	78	51.075	ug/L	0.733	1	12	1880	3	KED
	Y	89		ug/L			663280	646946	1	Standard
	Kr	83		ug/L			296	286	10	Standard
>	In-1	115		ug/L			26379	25246	2	KED
	Mo	98	46.586	ug/L	0.925	1	15	80047	1	KED
	Cd	111	48.664	ug/L	1.270	2	1	19838	1	KED
	Cd	114	48.690	ug/L	0.980	2	1	51547	2	KED
>	In	115		ug/L			1341444	1307016	2	Standard
	Ag	107	49.106	ug/L	1.421	2	134	966669	1	Standard
	Ba	135	43.218	ug/L	0.716	1	506	347238	1	Standard
	Ba	137	42.248	ug/L	0.849	2	855	607925	1	Standard
>	Tb	159		ug/L			2351464	2246279	1	Standard
	Tl	205	51.169	ug/L	0.979	1	146	4177089	0	Standard
	Pb	208	53.074	ug/L	0.272	0	535	5693808	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:38:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1216217	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	74	6	9	20	Standard
	C	**13**		ug/L			23638	22888	0	Standard
	Cl	**37**		ug/L			8688083	7583739	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1329014	0	Standard
⌈	**Na**	**23**	**1.615**	ug/L	0.035	2	37122	77225	1	Standard
⌈	**Mg**	**24**	**0.103**	ug/L	0.004	3	4302	7313	1	Standard
⌈	**Al**	**27**	**0.441**	ug/L	0.014	3	4418	16494	3	Standard
⌈	**K**	**39**	**1.238**	ug/L	0.520	41	1211710	1237068	0	Standard
⌈	**Ca**	**44**	**1.213**	ug/L	0.052	4	9439	10783	1	Standard
⌈	**V**	**51**	**-0.001**	ug/L	0.015	1474	5885	5803	8	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.000	3	466	297	1	Standard
⌈	**Cr**	**52**	**0.021**	ug/L	0.011	51	17376	17807	2	Standard
⌈	**Cr**	**53**	**0.007**	ug/L	0.038	532	230	251	48	Standard
⌈	**Fe**	**54**	**3.690**	ug/L	0.619	16	91382	100616	1	Standard
⌈	**Fe**	**57**	**7.986**	ug/L	0.696	8	17833	25440	3	Standard
⌊	**Mn**	**55**	**0.051**	ug/L	0.002	4	1083	3248	1	Standard
⌈>	**Ge**	**72**		ug/L			83230	80793	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	340	4	3	124	KED
⌈	**Ni**	**60**	**0.016**	ug/L	0.007	43	17	40	25	KED
⌈	**Ni**	**62**	**0.008**	ug/L	0.001	7	3	5	0	KED
⌈	**Cu**	**63**	**0.027**	ug/L	0.007	25	116	224	10	KED
⌈	**Cu**	**65**	**0.032**	ug/L	0.017	53	55	120	29	KED
⌈	**Zn**	**66**	**0.369**	ug/L	0.010	2	151	383	4	KED
⌈	**Zn**	**67**	**0.401**	ug/L	0.125	31	18	59	19	KED
⌈	**As**	**75**	**-0.001**	ug/L	0.004	294	3	2	44	KED
⌊	**Se**	**78**	**0.011**	ug/L	0.065	580	12	12	21	KED
	Y	**89**		ug/L			663280	632456	3	Standard
	Kr	**83**		ug/L			296	368	32	Standard
⌈>	**In-1**	**115**		ug/L			26379	24849	2	KED
⌈	**Mo**	**98**	**0.029**	ug/L	0.005	17	15	63	15	KED
⌈	**Cd**	**111**	**0.000**	ug/L	0.005	2153	1	1	100	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	102	1	3	53	KED
⌈>	**In**	**115**		ug/L			1341444	1264515	3	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.006	873	134	137	82	Standard
⌈	**Ba**	**135**	**-0.036**	ug/L	0.014	39	506	197	51	Standard
⌊	**Ba**	**137**	**-0.036**	ug/L	0.011	31	855	296	48	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2213318	3	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.002	112	146	266	51	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.004	54	535	1200	28	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-31
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:42:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1233310	1	Standard
[	Be	9	0.000	ug/L	0.000	5	6	9	0	Standard
	C	13		ug/L			23638	56358	0	Standard
	Cl	37		ug/L			8688083	7103017	1	Standard
[>	Sc	45		ug/L			1340786	1391217	1	Standard
[	Na	23	506.713	ug/L	2.930	0	37122	13317203	0	Standard
[	Mg	24	352.853	ug/L	6.294	1	4302	10947222	2	Standard
[	Al	27	5.701	ug/L	0.190	3	4418	168371	2	Standard
[	K	39	455.538	ug/L	11.952	2	1211710	15142853	2	Standard
[	Ca	44	3928.563	ug/L	35.826	0	9439	4847910	0	Standard
[	V	51	0.117	ug/L	0.002	2	5885	10045	0	Standard
[	V-1	51	0.101	ug/L	0.002	1	466	3918	2	Standard
[	Cr	52	0.357	ug/L	0.017	4	17376	28597	1	Standard
[	Cr	53	0.300	ug/L	0.016	5	230	1272	4	Standard
[	Fe	54	14.844	ug/L	0.876	5	91382	137075	0	Standard
[	Fe	57	21.480	ug/L	0.819	3	17833	40350	0	Standard
[	Mn	55	8.800	ug/L	0.121	1	1083	391071	0	Standard
[>	Ge	72		ug/L			83230	82773	0	KED
[	Co	59	0.056	ug/L	0.004	6	4	303	6	KED
[	Ni	60	0.289	ug/L	0.016	5	17	453	5	KED
[	Ni	62	0.334	ug/L	0.043	12	3	85	12	KED
[	Cu	63	1.307	ug/L	0.020	1	116	5772	1	KED
[	Cu	65	1.245	ug/L	0.028	2	55	2731	2	KED
[	Zn	66	9.121	ug/L	0.168	1	151	6146	1	KED
[	Zn	67	8.709	ug/L	0.188	2	18	953	2	KED
[	As	75	0.069	ug/L	0.002	3	3	25	2	KED
[	Se	78	-0.010	ug/L	0.135	1294	12	12	40	KED
	Y	89		ug/L			663280	651321	1	Standard
	Kr	83		ug/L			296	292	10	Standard
[>	In-1	115		ug/L			26379	25095	0	KED
[	Mo	98	0.697	ug/L	0.035	4	15	1205	5	KED
[	Cd	111	0.075	ug/L	0.006	7	1	32	7	KED
[	Cd	114	0.067	ug/L	0.005	7	1	72	7	KED
[>	In	115		ug/L			1341444	1345007	0	Standard
[	Ag	107	-0.004	ug/L	0.000	4	134	47	8	Standard
[	Ba	135	4.346	ug/L	0.056	1	506	36396	1	Standard
[	Ba	137	4.239	ug/L	0.060	1	855	63558	1	Standard
[>	Tb	159		ug/L			2351464	2291098	1	Standard
[	Tl	205	0.004	ug/L	0.000	10	146	445	7	Standard
[	Pb	208	0.004	ug/L	0.000	10	535	980	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-37
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:47:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1230347	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	49	6	18	31	Standard
	C	**13**		ug/L			23638	59797	2	Standard
	Cl	**37**		ug/L			8688083	7034358	1	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1394858	2	Standard
⌈	**Na**	**23**	**537.058**	ug/L	4.784	0	37122	14151663	3	Standard
⌈	**Mg**	**24**	**394.574**	ug/L	4.159	1	4302	12271126	1	Standard
⌈	**Al**	**27**	**45.199**	ug/L	0.530	1	4418	1306858	2	Standard
⌈	**K**	**39**	**405.040**	ug/L	0.341	0	1211710	13638484	2	Standard
⌈	**Ca**	**44**	**4541.318**	ug/L	149.021	3	9439	5614665	1	Standard
⌈	**V**	**51**	**0.330**	ug/L	0.012	3	5885	17299	0	Standard
⌈	**V-1**	**51**	**0.326**	ug/L	0.008	2	466	11618	2	Standard
⌈	**Cr**	**52**	**0.327**	ug/L	0.016	4	17376	27768	0	Standard
⌈	**Cr**	**53**	**0.313**	ug/L	0.008	2	230	1321	4	Standard
⌈	**Fe**	**54**	**62.235**	ug/L	1.441	2	91382	272711	1	Standard
⌈	**Fe**	**57**	**69.977**	ug/L	1.570	2	17833	89906	0	Standard
⌊	**Mn**	**55**	**7.887**	ug/L	0.179	2	1083	351421	0	Standard
⌈>	**Ge**	**72**		ug/L			83230	82991	0	KED
⌈	**Co**	**59**	**0.120**	ug/L	0.003	2	4	646	2	KED
⌈	**Ni**	**60**	**0.207**	ug/L	0.026	12	17	330	11	KED
⌈	**Ni**	**62**	**0.176**	ug/L	0.027	15	3	46	14	KED
⌈	**Cu**	**63**	**2.318**	ug/L	0.017	0	116	10174	0	KED
⌈	**Cu**	**65**	**2.321**	ug/L	0.052	2	55	5058	2	KED
⌈	**Zn**	**66**	**4.962**	ug/L	0.187	3	151	3420	3	KED
⌈	**Zn**	**67**	**4.792**	ug/L	0.191	3	18	533	3	KED
⌈	**As**	**75**	**0.520**	ug/L	0.024	4	3	171	3	KED
⌊	**Se**	**78**	**0.025**	ug/L	0.021	83	12	13	5	KED
	Y	**89**		ug/L			663280	651078	0	Standard
	Kr	**83**		ug/L			296	286	4	Standard
⌈>	**In-1**	**115**		ug/L			26379	25524	0	KED
⌈	**Mo**	**98**	**0.398**	ug/L	0.031	7	15	705	7	KED
⌈	**Cd**	**111**	**0.040**	ug/L	0.009	23	1	18	20	KED
⌊	**Cd**	**114**	**0.054**	ug/L	0.010	18	1	59	18	KED
⌈>	**In**	**115**		ug/L			1341444	1325510	1	Standard
⌈	**Ag**	**107**	**-0.004**	ug/L	0.000	8	134	53	12	Standard
⌈	**Ba**	**135**	**4.336**	ug/L	0.089	2	506	35790	2	Standard
⌊	**Ba**	**137**	**4.251**	ug/L	0.030	0	855	62805	1	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2274846	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	8	146	303	4	Standard
⌊	**Pb**	**208**	**0.058**	ug/L	0.001	2	535	6779	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-54
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 22:52:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1189366	1	Standard
	Be	9	0.000	ug/L	0.000	249	6	7	25	Standard
	C	13		ug/L			23638	56737	1	Standard
	Cl	37		ug/L			8688083	6979523	0	Standard
>	Sc	45		ug/L			1340786	1356975	1	Standard
	Na	23	582.499	ug/L	14.867	2	37122	14923090	1	Standard
	Mg	24	479.077	ug/L	5.936	1	4302	14493763	0	Standard
	Al	27	18.270	ug/L	0.518	2	4418	516430	1	Standard
	K	39	456.881	ug/L	9.019	1	1211710	14806373	0	Standard
	Ca	44	5934.592	ug/L	86.318	1	9439	7137376	0	Standard
	V	51	0.256	ug/L	0.003	1	5885	14381	2	Standard
	V-1	51	0.253	ug/L	0.001	0	466	8895	1	Standard
	Cr	52	0.178	ug/L	0.007	4	17376	22705	1	Standard
	Cr	53	0.172	ug/L	0.014	8	230	811	4	Standard
	Fe	54	25.760	ug/L	1.029	3	91382	164011	0	Standard
	Fe	57	32.851	ug/L	0.585	1	17833	50640	0	Standard
	Mn	55	10.879	ug/L	0.162	1	1083	471357	2	Standard
>	Ge	72		ug/L			83230	81867	0	KED
	Co	59	0.088	ug/L	0.004	4	4	466	4	KED
	Ni	60	0.240	ug/L	0.037	15	17	375	15	KED
	Ni	62	0.262	ug/L	0.018	6	3	67	7	KED
	Cu	63	2.061	ug/L	0.042	2	116	8937	2	KED
	Cu	65	2.100	ug/L	0.044	2	55	4519	2	KED
	Zn	66	5.816	ug/L	0.036	0	151	3930	0	KED
	Zn	67	5.782	ug/L	0.563	9	18	631	9	KED
	As	75	0.435	ug/L	0.026	5	3	142	5	KED
	Se	78	0.039	ug/L	0.106	273	12	13	28	KED
	Y	89		ug/L			663280	640951	0	Standard
	Kr	83		ug/L			296	283	9	Standard
>	In-1	115		ug/L			26379	24575	2	KED
	Mo	98	0.446	ug/L	0.024	5	15	760	2	KED
	Cd	111	0.039	ug/L	0.002	6	1	17	5	KED
	Cd	114	0.053	ug/L	0.003	6	1	56	8	KED
>	In	115		ug/L			1341444	1312294	0	Standard
	Ag	107	-0.004	ug/L	0.000	11	134	50	17	Standard
	Ba	135	4.237	ug/L	0.077	1	506	34631	1	Standard
	Ba	137	4.148	ug/L	0.040	0	855	60699	1	Standard
>	Tb	159		ug/L			2351464	2244622	0	Standard
	Tl	205	0.001	ug/L	0.000	14	146	224	5	Standard
	Pb	208	0.023	ug/L	0.001	4	535	3023	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-43
Sample Dil Factor: 2
Comments:
Sample Date/Time: Monday, June 28, 2021 22:58:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	973770	1	Standard
	Be	9	0.052	ug/L	0.004	7	6	323	6	Standard
	C	13		ug/L			23638	34220	2	Standard
	Cl	37		ug/L			8688083	5382250	0	Standard
>	Sc	45		ug/L			1340786	1249763	0	Standard
	Na	23	3821.412	ug/L	71.122	1	37122	89993916	1	Standard
	Mg	24	10569.887	ug/L	32.440	0	4302	294470027	0	Standard
	Al	27	51.443	ug/L	0.523	1	4418	1332186	0	Standard
	K	39	12354.547	ug/L	190.592	1	1211710	339394766	1	Standard
	Ca	44	195412.702	ug/L	2766.730	1	9439	216216467	1	Standard
	V	51	0.003	ug/L	0.001	20	5885	5590	0	Standard
	V-1	51	0.031	ug/L	0.001	3	466	1386	3	Standard
	Cr	52	0.480	ug/L	0.025	5	17376	28955	2	Standard
	Cr	53	0.553	ug/L	0.027	4	230	1927	4	Standard
	Fe	54	153889.222	ug/L	754.155	0	91382	393802387	0	Standard
	Fe	57	182213.212	ug/L	1015.269	0	17833	166543386	0	Standard
	Mn	55	1185.741	ug/L	19.354	1	1083	47209145	2	Standard
>	Ge	72		ug/L			83230	62898	1	KED
	Co	59	0.274	ug/L	0.006	2	4	1114	0	KED
	Ni	60	3.077	ug/L	0.141	4	17	3539	3	KED
	Ni	62	3.073	ug/L	0.178	5	3	575	6	KED
	Cu	63	0.361	ug/L	0.012	3	116	1276	1	KED
	Cu	65	0.373	ug/L	0.027	7	55	651	5	KED
	Zn	66	1808.926	ug/L	28.137	1	151	903646	0	KED
	Zn	67	1693.980	ug/L	31.114	1	18	138146	0	KED
	As	75	0.076	ug/L	0.012	16	3	20	13	KED
	Se	78	0.061	ug/L	0.048	78	12	11	10	KED
	Y	89		ug/L			663280	550572	2	Standard
	Kr	83		ug/L			296	285	5	Standard
>	In-1	115		ug/L			26379	19544	1	KED
	Mo	98	0.180	ug/L	0.013	7	15	251	5	KED
	Cd	111	0.719	ug/L	0.070	9	1	228	8	KED
	Cd	114	0.668	ug/L	0.023	3	1	548	4	KED
>	In	115		ug/L			1341444	1104849	2	Standard
	Ag	107	0.018	ug/L	0.001	6	134	413	2	Standard
	Ba	135	8.791	ug/L	0.085	0	506	60056	2	Standard
	Ba	137	8.583	ug/L	0.134	1	855	104963	1	Standard
>	Tb	159		ug/L			2351464	1927129	3	Standard
	Tl	205	0.001	ug/L	0.000	28	146	213	15	Standard
	Pb	208	0.025	ug/L	0.002	7	535	2751	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:06:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1207833	1193421	1	Standard
	Be	**9**	**0.000**	ug/L	0.000	90	6	10	28	Standard
	C	**13**		ug/L			23638	24144	0	Standard
	Cl	**37**		ug/L			8688083	7221223	0	Standard
>	**Sc**	**45**		ug/L			1340786	1410240	1	Standard
	Na	**23**	**0.839**	ug/L	0.054	6	37122	61331	1	Standard
	Mg	**24**	**0.204**	ug/L	0.010	5	4302	10925	2	Standard
	Al	**27**	**0.314**	ug/L	0.004	1	4418	13807	0	Standard
	K	**39**	**-3.471**	ug/L	1.003	28	1211710	1166954	1	Standard
	Ca	**44**	**4.528**	ug/L	0.212	4	9439	15578	1	Standard
	V	**51**	**-0.009**	ug/L	0.001	14	5885	5886	1	Standard
	V-1	**51**	**-0.008**	ug/L	0.000	5	466	201	8	Standard
	Cr	**52**	**-0.026**	ug/L	0.004	16	17376	17481	0	Standard
	Cr	**53**	**-0.024**	ug/L	0.002	9	230	157	4	Standard
	Fe	**54**	**0.949**	ug/L	0.305	32	91382	98846	0	Standard
	Fe	**57**	**-3.136**	ug/L	0.332	10	17833	15521	2	Standard
	Mn	**55**	**0.023**	ug/L	0.001	6	1083	2178	2	Standard
>	**Ge**	**72**		ug/L			83230	78469	1	KED
	Co	**59**	**-0.000**	ug/L	0.001	298	4	3	91	KED
	Ni	**60**	**0.030**	ug/L	0.002	6	17	59	6	KED
	Ni	**62**	**0.050**	ug/L	0.016	32	3	15	25	KED
	Cu	**63**	**0.046**	ug/L	0.004	8	116	296	3	KED
	Cu	**65**	**0.035**	ug/L	0.003	9	55	124	7	KED
	Zn	**66**	**0.463**	ug/L	0.063	13	151	431	8	KED
	Zn	**67**	**0.471**	ug/L	0.085	17	18	65	14	KED
	As	**75**	**0.003**	ug/L	0.005	154	3	3	38	KED
	Se	**78**	**-0.026**	ug/L	0.095	367	12	11	29	KED
	Y	**89**		ug/L			663280	651040	3	Standard
	Kr	**83**		ug/L			296	270	12	Standard
>	**In-1**	**115**		ug/L			26379	24706	1	KED
	Mo	**98**	**-0.004**	ug/L	0.002	66	15	8	47	KED
	Cd	**111**	**0.000**	ug/L	0.004	1196	1	1	86	KED
	Cd	**114**	**0.003**	ug/L	0.002	87	1	4	54	KED
>	**In**	**115**		ug/L			1341444	1368617	0	Standard
	Ag	**107**	**-0.005**	ug/L	0.000	6	134	36	18	Standard
	Ba	**135**	**-0.052**	ug/L	0.001	1	506	82	8	Standard
	Ba	**137**	**-0.048**	ug/L	0.001	2	855	158	11	Standard
>	**Tb**	**159**		ug/L			2351464	2270151	2	Standard
	Tl	**205**	**-0.001**	ug/L	0.000	12	146	72	12	Standard
	Pb	**208**	**0.007**	ug/L	0.000	6	535	1274	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:11:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1179090	2	Standard
[	Be	9	0.002	ug/L	0.001	36	6	20	23	Standard
	C	13		ug/L			23638	52891	1	Standard
	Cl	37		ug/L			8688083	6770059	0	Standard
[>	Sc	45		ug/L			1340786	1432788	1	Standard
[	Na	23	1022.225	ug/L	12.684	1	37122	27627564	1	Standard
[	Mg	24	1259.635	ug/L	9.473	0	4302	40234432	0	Standard
[	Al	27	3.848	ug/L	0.017	0	4418	118613	1	Standard
[	K	39	619.134	ug/L	10.912	1	1211710	20727870	0	Standard
[	Ca	44	9960.115	ug/L	158.748	1	9439	12642395	1	Standard
[	V	51	0.044	ug/L	0.005	12	5885	7817	1	Standard
[	V-1	51	0.061	ug/L	0.002	3	466	2652	4	Standard
[	Cr	52	0.211	ug/L	0.014	6	17376	24989	0	Standard
[	Cr	53	0.261	ug/L	0.010	3	230	1172	4	Standard
[	Fe	54	6.630	ug/L	0.553	8	91382	117099	1	Standard
[	Fe	57	17.195	ug/L	0.310	1	17833	37075	1	Standard
[	Mn	55	1.607	ug/L	0.002	0	1083	74511	1	Standard
[>	Ge	72		ug/L			83230	77073	0	KED
[	Co	59	0.111	ug/L	0.007	6	4	553	6	KED
[	Ni	60	0.180	ug/L	0.001	0	17	269	0	KED
[	Ni	62	0.163	ug/L	0.043	26	3	40	24	KED
[	Cu	63	0.244	ug/L	0.005	2	116	1089	1	KED
[	Cu	65	0.258	ug/L	0.013	4	55	566	3	KED
[	Zn	66	10.378	ug/L	0.224	2	151	6492	1	KED
[	Zn	67	10.256	ug/L	0.226	2	18	1041	1	KED
[	As	75	0.020	ug/L	0.006	30	3	9	21	KED
[	Se	78	0.021	ug/L	0.069	321	12	12	18	KED
	Y	89		ug/L			663280	643589	2	Standard
	Kr	83		ug/L			296	286	6	Standard
[>	In-1	115		ug/L			26379	23639	1	KED
[	Mo	98	0.383	ug/L	0.025	6	15	629	6	KED
[	Cd	111	0.073	ug/L	0.013	17	1	29	14	KED
[	Cd	114	0.082	ug/L	0.009	11	1	82	10	KED
[>	In	115		ug/L			1341444	1342175	1	Standard
[	Ag	107	-0.005	ug/L	0.000	4	134	35	11	Standard
[	Ba	135	6.260	ug/L	0.137	2	506	52082	1	Standard
[	Ba	137	6.131	ug/L	0.054	0	855	91343	0	Standard
[>	Tb	159		ug/L			2351464	2256539	0	Standard
[	Tl	205	0.008	ug/L	0.000	5	146	773	3	Standard
[	Pb	208	0.001	ug/L	0.000	22	535	608	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:16:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1167009	0	Standard
[	**Be**	**9**	**0.002**	ug/L	0.001	72	6	17	44	Standard
	C	**13**		ug/L			23638	50151	1	Standard
	Cl	**37**		ug/L			8688083	6879052	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1402308	0	Standard
[	**Na**	**23**	**1023.269**	ug/L	11.655	1	37122	27069271	1	Standard
[	**Mg**	**24**	**1269.334**	ug/L	4.154	0	4302	39683464	0	Standard
[	**Al**	**27**	**4.057**	ug/L	0.007	0	4418	122149	0	Standard
[	**K**	**39**	**629.304**	ug/L	17.552	2	1211710	20601969	2	Standard
[	**Ca**	**44**	**9977.150**	ug/L	135.693	1	9439	12395525	1	Standard
[	**V**	**51**	**0.042**	ug/L	0.005	10	5885	7590	1	Standard
[	**V-1**	**51**	**0.066**	ug/L	0.001	1	466	2763	1	Standard
[	**Cr**	**52**	**0.189**	ug/L	0.008	4	17376	23821	1	Standard
[	**Cr**	**53**	**0.261**	ug/L	0.012	4	230	1148	3	Standard
[	**Fe**	**54**	**5.513**	ug/L	0.131	2	91382	111403	0	Standard
[	**Fe**	**57**	**18.383**	ug/L	0.800	4	17833	37503	2	Standard
[	**Mn**	**55**	**1.571**	ug/L	0.018	1	1083	71311	1	Standard
[>	**Ge**	**72**		ug/L			83230	74596	0	KED
[	**Co**	**59**	**0.094**	ug/L	0.003	3	4	454	4	KED
[	**Ni**	**60**	**0.184**	ug/L	0.019	10	17	264	9	KED
[	**Ni**	**62**	**0.220**	ug/L	0.050	22	3	52	20	KED
[	**Cu**	**63**	**0.235**	ug/L	0.004	1	116	1022	1	KED
[	**Cu**	**65**	**0.261**	ug/L	0.019	7	55	555	5	KED
[	**Zn**	**66**	**10.338**	ug/L	0.208	2	151	6259	1	KED
[	**Zn**	**67**	**10.314**	ug/L	0.847	8	18	1014	7	KED
[	**As**	**75**	**0.011**	ug/L	0.003	24	3	6	12	KED
[	**Se**	**78**	**0.062**	ug/L	0.052	82	12	13	12	KED
	Y	**89**		ug/L			663280	635801	1	Standard
	Kr	**83**		ug/L			296	299	5	Standard
[>	**In-1**	**115**		ug/L			26379	23317	0	KED
[	**Mo**	**98**	**0.397**	ug/L	0.012	3	15	643	3	KED
[	**Cd**	**111**	**0.061**	ug/L	0.004	7	1	24	6	KED
[	**Cd**	**114**	**0.079**	ug/L	0.016	20	1	78	19	KED
[>	**In**	**115**		ug/L			1341444	1319374	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.001	13	134	48	23	Standard
[	**Ba**	**135**	**6.278**	ug/L	0.129	2	506	51349	1	Standard
[	**Ba**	**137**	**6.176**	ug/L	0.065	1	855	90453	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2233170	0	Standard
[	**Tl**	**205**	**0.007**	ug/L	0.000	2	146	690	2	Standard
[	**Pb**	**208**	**0.007**	ug/L	0.000	0	535	1293	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:21:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1114584	1	Standard
	Be	9	25.643	ug/L	0.690	2	6	179677	1	Standard
	C	13		ug/L			23638	53834	1	Standard
	Cl	37		ug/L			8688083	7102315	1	Standard
>	Sc	45		ug/L			1340786	1380070	1	Standard
	Na	23	4880.262	ug/L	60.356	1	37122	126894629	0	Standard
	Mg	24	5376.057	ug/L	45.263	0	4302	165379423	0	Standard
	Al	27	4190.195	ug/L	82.595	1	4418	119454794	2	Standard
	K	39	5432.198	ug/L	163.185	3	1211710	165452905	1	Standard
	Ca	44	14488.792	ug/L	48.781	0	9439	17711424	1	Standard
	V	51	23.929	ug/L	0.168	0	5885	808036	2	Standard
	V-1	51	23.934	ug/L	0.111	0	466	810432	2	Standard
	Cr	52	23.982	ug/L	0.243	1	17376	721443	1	Standard
	Cr	53	23.997	ug/L	0.046	0	230	82289	1	Standard
	Fe	54	4699.628	ug/L	47.229	1	91382	13370330	0	Standard
	Fe	57	5050.849	ug/L	18.526	0	17833	5115576	1	Standard
	Mn	55	26.475	ug/L	0.161	0	1083	1164939	0	Standard
>	Ge	72		ug/L			83230	72585	0	KED
	Co	59	25.817	ug/L	0.403	1	4	120727	0	KED
	Ni	60	25.392	ug/L	0.234	0	17	33610	1	KED
	Ni	62	25.471	ug/L	0.809	3	3	5481	3	KED
	Cu	63	25.422	ug/L	0.167	0	116	96583	1	KED
	Cu	65	25.281	ug/L	0.132	0	55	47694	0	KED
	Zn	66	90.691	ug/L	0.551	0	151	52414	1	KED
	Zn	67	86.901	ug/L	2.503	2	18	8193	1	KED
	As	75	24.897	ug/L	0.093	0	3	7057	1	KED
	Se	78	80.545	ug/L	0.267	0	12	2642	1	KED
	Y	89		ug/L			663280	632764	1	Standard
	Kr	83		ug/L			296	302	4	Standard
>	In-1	115		ug/L			26379	22895	1	KED
	Mo	98	0.402	ug/L	0.018	4	15	638	3	KED
	Cd	111	25.892	ug/L	0.565	2	1	9574	0	KED
	Cd	114	25.027	ug/L	0.465	1	1	24031	1	KED
>	In	115		ug/L			1341444	1299660	2	Standard
	Ag	107	25.902	ug/L	0.539	2	134	507172	2	Standard
	Ba	135	27.949	ug/L	0.821	2	506	223398	0	Standard
	Ba	137	27.173	ug/L	0.442	1	855	389082	0	Standard
>	Tb	159		ug/L			2351464	2233762	0	Standard
	Tl	205	26.806	ug/L	0.209	0	146	2176361	0	Standard
	Pb	208	28.119	ug/L	0.260	0	535	3000325	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:27:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1123249	1	Standard
[	**Be**	**9**	**25.544**	ug/L	0.316	1	6	180429	2	Standard
	C	**13**		ug/L			23638	52429	1	Standard
	Cl	**37**		ug/L			8688083	7017551	1	Standard
[>	**Sc**	**45**		ug/L			1340786	1388503	1	Standard
[	**Na**	**23**	**4883.682**	ug/L	72.871	1	37122	127760806	1	Standard
[	**Mg**	**24**	**5376.498**	ug/L	76.071	1	4302	166395888	0	Standard
[	**Al**	**27**	**4191.724**	ug/L	69.967	1	4418	120219970	0	Standard
[	**K**	**39**	**5447.917**	ug/L	95.740	1	1211710	166999250	2	Standard
[	**Ca**	**44**	**14366.516**	ug/L	402.168	2	9439	17664594	1	Standard
[	**V**	**51**	**23.789**	ug/L	0.308	1	5885	808111	0	Standard
[	**V-1**	**51**	**23.822**	ug/L	0.340	1	466	811436	0	Standard
[	**Cr**	**52**	**23.991**	ug/L	0.250	1	17376	726041	0	Standard
[	**Cr**	**53**	**24.091**	ug/L	0.365	1	230	83106	0	Standard
[	**Fe**	**54**	**4623.462**	ug/L	75.385	1	91382	13235084	0	Standard
[	**Fe**	**57**	**4992.213**	ug/L	67.654	1	17833	5086853	0	Standard
[	**Mn**	**55**	**26.513**	ug/L	0.397	1	1083	1173756	1	Standard
[>	**Ge**	**72**		ug/L			83230	73542	0	KED
[	**Co**	**59**	**25.890**	ug/L	0.297	1	4	122670	0	KED
[	**Ni**	**60**	**25.597**	ug/L	0.525	2	17	34323	1	KED
[	**Ni**	**62**	**25.497**	ug/L	0.529	2	3	5559	2	KED
[	**Cu**	**63**	**25.341**	ug/L	0.045	0	116	97545	1	KED
[	**Cu**	**65**	**25.640**	ug/L	0.182	0	55	49008	0	KED
[	**Zn**	**66**	**90.808**	ug/L	0.220	0	151	53173	1	KED
[	**Zn**	**67**	**87.108**	ug/L	1.450	1	18	8323	2	KED
[	**As**	**75**	**24.863**	ug/L	0.378	1	3	7141	2	KED
[	**Se**	**78**	**79.757**	ug/L	0.420	0	12	2651	0	KED
	Y	**89**		ug/L			663280	631280	2	Standard
	Kr	**83**		ug/L			296	320	11	Standard
[>	**In-1**	**115**		ug/L			26379	23049	1	KED
[	**Mo**	**98**	**0.363**	ug/L	0.016	4	15	583	5	KED
[	**Cd**	**111**	**25.234**	ug/L	0.621	2	1	9394	1	KED
[	**Cd**	**114**	**25.513**	ug/L	0.575	2	1	24659	0	KED
[>	**In**	**115**		ug/L			1341444	1295035	1	Standard
[	**Ag**	**107**	**26.089**	ug/L	0.606	2	134	509063	2	Standard
[	**Ba**	**135**	**27.822**	ug/L	0.738	2	506	221678	2	Standard
[	**Ba**	**137**	**27.790**	ug/L	0.302	1	855	396584	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2237077	0	Standard
[	**Tl**	**205**	**26.623**	ug/L	0.112	0	146	2164837	1	Standard
[	**Pb**	**208**	**28.032**	ug/L	0.367	1	535	2995335	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:35:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1139580	0	Standard
⌊	**Be**	**9**	**0.000**	ug/L	0.000	65	6	9	20	Standard
	C	**13**		ug/L			23638	22969	1	Standard
	Cl	**37**		ug/L			8688083	6984361	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1316025	1	Standard
⌈	**Na**	**23**	**0.790**	ug/L	0.043	5	37122	56020	0	Standard
⌈	**Mg**	**24**	**0.201**	ug/L	0.003	1	4302	10119	1	Standard
⌈	**Al**	**27**	**0.356**	ug/L	0.003	0	4418	14024	1	Standard
⌈	**K**	**39**	**-1.343**	ug/L	0.425	31	1211710	1150510	0	Standard
⌈	**Ca**	**44**	**3.877**	ug/L	0.097	2	9439	13781	0	Standard
⌈	**V**	**51**	**0.009**	ug/L	0.004	46	5885	6058	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.000	7	466	291	3	Standard
⌈	**Cr**	**52**	**0.026**	ug/L	0.016	61	17376	17782	2	Standard
⌈	**Cr**	**53**	**-0.019**	ug/L	0.003	17	230	165	5	Standard
⌈	**Fe**	**54**	**-0.084**	ug/L	0.113	133	91382	89465	0	Standard
⌈	**Fe**	**57**	**-4.338**	ug/L	0.341	7	17833	13331	3	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.000	2	1083	1873	2	Standard
⌈>	**Ge**	**72**		ug/L			83230	77577	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.000	73	4	2	43	KED
⌈	**Ni**	**60**	**0.041**	ug/L	0.005	11	17	73	9	KED
⌈	**Ni**	**62**	**0.037**	ug/L	0.005	12	3	12	9	KED
⌈	**Cu**	**63**	**0.041**	ug/L	0.004	8	116	276	6	KED
⌈	**Cu**	**65**	**0.043**	ug/L	0.008	17	55	137	9	KED
⌈	**Zn**	**66**	**0.436**	ug/L	0.082	18	151	409	13	KED
⌈	**Zn**	**67**	**0.442**	ug/L	0.041	9	18	61	7	KED
⌈	**As**	**75**	**-0.003**	ug/L	0.003	116	3	2	48	KED
⌊	**Se**	**78**	**-0.083**	ug/L	0.062	74	12	8	26	KED
	Y	**89**		ug/L			663280	625927	1	Standard
	Kr	**83**		ug/L			296	266	13	Standard
⌈>	**In-1**	**115**		ug/L			26379	24358	2	KED
⌈	**Mo**	**98**	**-0.002**	ug/L	0.004	188	15	10	55	KED
⌈	**Cd**	**111**	**-0.001**	ug/L	0.004	277	1	1	114	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	4342	1	1	208	KED
⌈>	**In**	**115**		ug/L			1341444	1297636	0	Standard
⌈	**Ag**	**107**	**-0.004**	ug/L	0.000	3	134	55	5	Standard
⌈	**Ba**	**135**	**-0.052**	ug/L	0.000	0	506	78	2	Standard
⌊	**Ba**	**137**	**-0.047**	ug/L	0.001	2	855	150	8	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2204228	1	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	62	146	103	21	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.001	14	535	1350	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:41:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1167780	1	Standard
[	**Be**	**9**	**50.796**	ug/L	0.803	1	6	372934	0	Standard
	C	**13**		ug/L			23638	23236	0	Standard
	Cl	**37**		ug/L			8688083	7681506	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1331129	1	Standard
[	**Na**	**23**	**4045.475**	ug/L	105.705	2	37122	101447913	1	Standard
[	**Mg**	**24**	**4309.599**	ug/L	52.777	1	4302	127875390	1	Standard
[	**Al**	**27**	**4306.953**	ug/L	104.814	2	4418	118416624	1	Standard
[	**K**	**39**	**4854.649**	ug/L	109.160	2	1211710	142754491	1	Standard
[	**Ca**	**44**	**4757.706**	ug/L	75.165	1	9439	5615115	1	Standard
[	**V**	**51**	**48.863**	ug/L	0.416	0	5885	1585266	1	Standard
[	**V-1**	**51**	**48.811**	ug/L	0.281	0	466	1593597	1	Standard
[	**Cr**	**52**	**48.363**	ug/L	0.521	1	17376	1385565	0	Standard
[	**Cr**	**53**	**48.213**	ug/L	0.440	0	230	159233	1	Standard
[	**Fe**	**54**	**4693.574**	ug/L	72.531	1	91382	12879054	0	Standard
[	**Fe**	**57**	**5021.910**	ug/L	70.700	1	17833	4905447	0	Standard
[	**Mn**	**55**	**45.621**	ug/L	0.750	1	1083	1935246	0	Standard
[>	**Ge**	**72**		ug/L			83230	77949	0	KED
[	**Co**	**59**	**49.406**	ug/L	0.191	0	4	248129	0	KED
[	**Ni**	**60**	**49.521**	ug/L	0.570	1	17	70376	1	KED
[	**Ni**	**62**	**49.259**	ug/L	0.689	1	3	11380	1	KED
[	**Cu**	**63**	**49.699**	ug/L	0.327	0	116	202663	0	KED
[	**Cu**	**65**	**49.387**	ug/L	0.327	0	55	100010	0	KED
[	**Zn**	**66**	**51.784**	ug/L	0.184	0	151	32200	0	KED
[	**Zn**	**67**	**50.771**	ug/L	0.838	1	18	5148	1	KED
[	**As**	**75**	**48.723**	ug/L	0.336	0	3	14829	0	KED
[	**Se**	**78**	**51.771**	ug/L	0.658	1	12	1828	1	KED
	Y	**89**		ug/L			663280	639782	2	Standard
	Kr	**83**		ug/L			296	298	10	Standard
[>	**In-1**	**115**		ug/L			26379	24252	2	KED
[	**Mo**	**98**	**47.007**	ug/L	0.987	2	15	77585	0	KED
[	**Cd**	**111**	**49.458**	ug/L	1.374	2	1	19366	0	KED
[	**Cd**	**114**	**48.964**	ug/L	1.656	3	1	49777	0	KED
[>	**In**	**115**		ug/L			1341444	1291431	2	Standard
[	**Ag**	**107**	**49.947**	ug/L	1.094	2	134	971546	1	Standard
[	**Ba**	**135**	**42.307**	ug/L	0.750	1	506	335823	0	Standard
[	**Ba**	**137**	**42.176**	ug/L	0.604	1	855	599624	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2240647	1	Standard
[	**Tl**	**205**	**50.646**	ug/L	0.348	0	146	4124766	1	Standard
[	**Pb**	**208**	**52.596**	ug/L	0.310	0	535	5628408	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:49:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1181984	2	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	175	6	5	57	Standard
	C	**13**		ug/L			23638	22314	2	Standard
	Cl	**37**		ug/L			8688083	7105483	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1308310	0	Standard
⌈	**Na**	**23**	**1.317**	ug/L	0.031	2	37122	68688	0	Standard
⌈	**Mg**	**24**	**0.111**	ug/L	0.001	0	4302	7443	0	Standard
⌈	**Al**	**27**	**0.451**	ug/L	0.006	1	4418	16497	1	Standard
⌈	**K**	**39**	**-0.917**	ug/L	0.302	32	1211710	1156081	0	Standard
⌈	**Ca**	**44**	**0.985**	ug/L	0.294	29	9439	10351	3	Standard
⌈	**V**	**51**	**0.003**	ug/L	0.004	122	5885	5851	1	Standard
⌈	**V-1**	**51**	**-0.007**	ug/L	0.001	8	466	242	7	Standard
⌈	**Cr**	**52**	**0.012**	ug/L	0.009	77	17376	17288	0	Standard
⌈	**Cr**	**53**	**-0.020**	ug/L	0.005	24	230	160	10	Standard
⌈	**Fe**	**54**	**3.783**	ug/L	0.125	3	91382	99300	0	Standard
⌈	**Fe**	**57**	**4.848**	ug/L	0.227	4	17833	22039	0	Standard
⌊	**Mn**	**55**	**0.049**	ug/L	0.000	0	1083	3118	0	Standard
⌈>	**Ge**	**72**		ug/L			83230	77448	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	136	4	6	45	KED
⌈	**Ni**	**60**	**0.015**	ug/L	0.011	69	17	37	38	KED
⌈	**Ni**	**62**	**0.007**	ug/L	0.017	255	3	5	78	KED
⌈	**Cu**	**63**	**0.029**	ug/L	0.005	15	116	226	8	KED
⌈	**Cu**	**65**	**0.022**	ug/L	0.005	24	55	95	11	KED
⌈	**Zn**	**66**	**0.336**	ug/L	0.023	6	151	347	1	KED
⌈	**Zn**	**67**	**0.259**	ug/L	0.003	1	18	43	2	KED
⌈	**As**	**75**	**0.005**	ug/L	0.002	49	3	4	16	KED
⌊	**Se**	**78**	**0.035**	ug/L	0.040	113	12	13	12	KED
	Y	**89**		ug/L			663280	625395	0	Standard
	Kr	**83**		ug/L			296	313	5	Standard
⌈>	**In-1**	**115**		ug/L			26379	24325	0	KED
⌈	**Mo**	**98**	**0.024**	ug/L	0.006	23	15	53	16	KED
⌈	**Cd**	**111**	**0.004**	ug/L	0.006	137	1	3	68	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.003	450	1	2	130	KED
⌈>	**In**	**115**		ug/L			1341444	1296617	1	Standard
⌈	**Ag**	**107**	**-0.003**	ug/L	0.000	15	134	80	9	Standard
⌈	**Ba**	**135**	**-0.047**	ug/L	0.002	4	506	111	15	Standard
⌊	**Ba**	**137**	**-0.043**	ug/L	0.001	1	855	212	3	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2194088	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	32	146	215	12	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	8	535	1018	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-22
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:53:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1152428	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.001	197	6	4	98	Standard
	C	**13**		ug/L			23638	48835	1	Standard
	Cl	**37**		ug/L			8688083	6700326	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1376728	0	Standard
⌈	**Na**	**23**	**746.525**	ug/L	8.517	1	37122	19398761	1	Standard
⌈	**Mg**	**24**	**583.649**	ug/L	7.685	1	4302	17916180	1	Standard
⌈	**Al**	**27**	**51.338**	ug/L	0.541	1	4418	1464502	0	Standard
⌈	**K**	**39**	**522.512**	ug/L	12.739	2	1211710	17003230	1	Standard
⌈	**Ca**	**44**	**6134.142**	ug/L	118.250	1	9439	7485981	2	Standard
⌈	**V**	**51**	**0.124**	ug/L	0.002	1	5885	10192	0	Standard
⌈	**V-1**	**51**	**0.127**	ug/L	0.002	1	466	4767	0	Standard
⌈	**Cr**	**52**	**0.192**	ug/L	0.007	3	17376	23473	0	Standard
⌈	**Cr**	**53**	**0.200**	ug/L	0.015	7	230	917	4	Standard
⌈	**Fe**	**54**	**22.952**	ug/L	1.169	5	91382	158508	1	Standard
⌈	**Fe**	**57**	**26.363**	ug/L	1.121	4	17833	44851	2	Standard
⌊	**Mn**	**55**	**0.624**	ug/L	0.008	1	1083	28470	1	Standard
⌈>	**Ge**	**72**		ug/L			83230	78874	1	KED
⌈	**Co**	**59**	**0.026**	ug/L	0.002	8	4	134	7	KED
⌈	**Ni**	**60**	**0.109**	ug/L	0.009	8	17	173	7	KED
⌈	**Ni**	**62**	**0.129**	ug/L	0.056	43	3	33	37	KED
⌈	**Cu**	**63**	**0.361**	ug/L	0.004	1	116	1598	0	KED
⌈	**Cu**	**65**	**0.374**	ug/L	0.016	4	55	819	3	KED
⌈	**Zn**	**66**	**0.975**	ug/L	0.006	0	151	753	0	KED
⌈	**Zn**	**67**	**1.288**	ug/L	0.077	5	18	149	6	KED
⌈	**As**	**75**	**0.037**	ug/L	0.004	11	3	14	8	KED
⌊	**Se**	**78**	**0.096**	ug/L	0.025	25	12	15	6	KED
	Y	**89**		ug/L			663280	637954	1	Standard
	Kr	**83**		ug/L			296	288	4	Standard
⌈>	**In-1**	**115**		ug/L			26379	23950	0	KED
⌈	**Mo**	**98**	**0.600**	ug/L	0.018	3	15	991	2	KED
⌈	**Cd**	**111**	**0.028**	ug/L	0.007	25	1	12	21	KED
⌊	**Cd**	**114**	**0.020**	ug/L	0.007	34	1	21	31	KED
⌈>	**In**	**115**		ug/L			1341444	1332665	1	Standard
⌈	**Ag**	**107**	**-0.004**	ug/L	0.000	6	134	60	7	Standard
⌈	**Ba**	**135**	**3.358**	ug/L	0.075	2	506	27969	0	Standard
⌊	**Ba**	**137**	**3.313**	ug/L	0.069	2	855	49388	0	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2255676	1	Standard
⌈	**Tl**	**205**	**0.005**	ug/L	0.000	8	146	509	4	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.001	15	535	1055	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-25
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, June 28, 2021 23:58:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1124728	1	Standard
[	Be	9	0.002	ug/L	0.001	36	6	21	25	Standard
	C	13		ug/L			23638	51526	1	Standard
	Cl	37		ug/L			8688083	6776646	1	Standard
[>	Sc	45		ug/L			1340786	1410456	2	Standard
[	Na	23	1872.233	ug/L	36.888	1	37122	49766761	1	Standard
[	Mg	24	4147.128	ug/L	125.210	3	4302	130326406	0	Standard
[	Al	27	3.850	ug/L	0.054	1	4418	116785	1	Standard
[	K	39	2667.945	ug/L	50.196	1	1211710	83691919	0	Standard
[	Ca	44	34501.824	ug/L	1379.070	3	9439	43059532	1	Standard
[	V	51	0.214	ug/L	0.008	3	5885	13513	0	Standard
[	V-1	51	0.224	ug/L	0.003	1	466	8239	1	Standard
[	Cr	52	0.251	ug/L	0.023	9	17376	25796	0	Standard
[	Cr	53	0.282	ug/L	0.008	2	230	1228	2	Standard
[	Fe	54	6.580	ug/L	0.957	14	91382	115081	0	Standard
[	Fe	57	75.444	ug/L	1.369	1	17833	96565	2	Standard
[	Mn	55	43.556	ug/L	0.329	0	1083	1957986	2	Standard
[>	Ge	72		ug/L			83230	72865	0	KED
[	Co	59	0.015	ug/L	0.002	10	4	72	9	KED
[	Ni	60	2.481	ug/L	0.003	0	17	3310	0	KED
[	Ni	62	2.581	ug/L	0.198	7	3	560	7	KED
[	Cu	63	0.129	ug/L	0.005	4	116	593	4	KED
[	Cu	65	0.130	ug/L	0.005	3	55	295	2	KED
[	Zn	66	1.336	ug/L	0.070	5	151	905	4	KED
[	Zn	67	1.832	ug/L	0.047	2	18	189	2	KED
[	As	75	0.015	ug/L	0.003	23	3	6	14	KED
[	Se	78	0.094	ug/L	0.090	95	12	14	20	KED
	Y	89		ug/L			663280	629818	2	Standard
	Kr	83		ug/L			296	274	3	Standard
[>	In-1	115		ug/L			26379	22850	2	KED
[	Mo	98	0.038	ug/L	0.019	49	15	71	39	KED
[	Cd	111	0.629	ug/L	0.062	9	1	233	8	KED
[	Cd	114	0.603	ug/L	0.022	3	1	578	3	KED
[>	In	115		ug/L			1341444	1287072	2	Standard
[	Ag	107	-0.004	ug/L	0.001	14	134	46	26	Standard
[	Ba	135	9.934	ug/L	0.268	2	506	78952	1	Standard
[	Ba	137	9.637	ug/L	0.187	1	855	137176	0	Standard
[>	Tb	159		ug/L			2351464	2200920	1	Standard
[	Tl	205	0.003	ug/L	0.000	7	146	401	5	Standard
[	Pb	208	0.005	ug/L	0.000	2	535	994	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-28
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:03:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1124725	0	Standard
[	Be	9	0.001	ug/L	0.000	38	6	13	20	Standard
	C	13		ug/L			23638	53245	0	Standard
	Cl	37		ug/L			8688083	7053034	1	Standard
[>	Sc	45		ug/L			1340786	1448397	2	Standard
[	Na	23	1995.105	ug/L	26.688	1	37122	54463032	1	Standard
[	Mg	24	5459.482	ug/L	67.745	1	4302	176253863	2	Standard
[	Al	27	12.294	ug/L	0.240	1	4418	372498	1	Standard
[	K	39	2016.217	ug/L	38.735	1	1211710	65270351	1	Standard
[	Ca	44	39911.266	ug/L	640.067	1	9439	51172468	1	Standard
[	V	51	0.475	ug/L	0.004	0	5885	23056	2	Standard
[	V-1	51	0.484	ug/L	0.005	0	466	17705	1	Standard
[	Cr	52	0.285	ug/L	0.006	2	17376	27544	2	Standard
[	Cr	53	0.321	ug/L	0.021	6	230	1401	2	Standard
[	Fe	54	4.778	ug/L	0.253	5	91382	112872	1	Standard
[	Fe	57	98.800	ug/L	1.395	1	17833	123928	3	Standard
[	Mn	55	1.005	ug/L	0.013	1	1083	47554	1	Standard
[>	Ge	72		ug/L			83230	70582	1	KED
[	Co	59	0.023	ug/L	0.001	5	4	109	3	KED
[	Ni	60	0.311	ug/L	0.034	10	17	414	9	KED
[	Ni	62	0.291	ug/L	0.014	4	3	64	6	KED
[	Cu	63	0.192	ug/L	0.020	10	116	805	7	KED
[	Cu	65	0.200	ug/L	0.009	4	55	414	5	KED
[	Zn	66	1.367	ug/L	0.102	7	151	895	8	KED
[	Zn	67	1.799	ug/L	0.111	6	18	180	6	KED
[	As	75	0.023	ug/L	0.004	16	3	8	11	KED
[	Se	78	0.135	ug/L	0.051	37	12	15	12	KED
	Y	89		ug/L			663280	628475	0	Standard
	Kr	83		ug/L			296	295	4	Standard
[>	In-1	115		ug/L			26379	22160	0	KED
[	Mo	98	0.318	ug/L	0.010	3	15	492	3	KED
[	Cd	111	0.197	ug/L	0.020	10	1	72	9	KED
[	Cd	114	0.181	ug/L	0.018	10	1	169	10	KED
[>	In	115		ug/L			1341444	1313772	2	Standard
[	Ag	107	-0.005	ug/L	0.000	1	134	38	5	Standard
[	Ba	135	10.516	ug/L	0.201	1	506	85315	2	Standard
[	Ba	137	10.193	ug/L	0.201	1	855	148072	1	Standard
[>	Tb	159		ug/L			2351464	2208548	0	Standard
[	Tl	205	0.002	ug/L	0.000	16	146	260	8	Standard
[	Pb	208	0.013	ug/L	0.001	4	535	1840	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-29
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:08:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1169712	1	Standard
[	Be	9	0.000	ug/L	0.000	1455	6	6	41	Standard
	C	13		ug/L			23638	45085	1	Standard
	Cl	37		ug/L			8688083	7294110	1	Standard
[>	Sc	45		ug/L			1340786	1411254	2	Standard
[	Na	23	1526.153	ug/L	5.713	0	37122	40608353	2	Standard
[	Mg	24	1587.817	ug/L	4.588	0	4302	49956372	2	Standard
[	Al	27	3.623	ug/L	0.047	1	4418	110265	1	Standard
[	K	39	758.737	ug/L	6.909	0	1211710	24733155	2	Standard
[	Ca	44	18753.229	ug/L	37.049	0	9439	23438277	2	Standard
[	V	51	0.142	ug/L	0.002	1	5885	11067	1	Standard
[	V-1	51	0.183	ug/L	0.001	0	466	6823	2	Standard
[	Cr	52	0.232	ug/L	0.006	2	17376	25242	1	Standard
[	Cr	53	0.358	ug/L	0.003	0	230	1494	2	Standard
[	Fe	54	5.383	ug/L	0.692	12	91382	111708	0	Standard
[	Fe	57	42.505	ug/L	1.062	2	17833	62629	2	Standard
[	Mn	55	2.229	ug/L	0.025	1	1083	101359	2	Standard
[>	Ge	72		ug/L			83230	72445	1	KED
[	Co	59	0.015	ug/L	0.002	12	4	73	13	KED
[	Ni	60	0.255	ug/L	0.023	9	17	351	7	KED
[	Ni	62	0.246	ug/L	0.083	33	3	55	30	KED
[	Cu	63	0.265	ug/L	0.020	7	116	1104	8	KED
[	Cu	65	0.264	ug/L	0.019	7	55	544	7	KED
[	Zn	66	0.834	ug/L	0.036	4	151	611	2	KED
[	Zn	67	1.274	ug/L	0.184	14	18	135	14	KED
[	As	75	0.115	ug/L	0.010	8	3	35	8	KED
[	Se	78	1.296	ug/L	0.140	10	12	53	10	KED
	Y	89		ug/L			663280	631697	2	Standard
	Kr	83		ug/L			296	294	1	Standard
[>	In-1	115		ug/L			26379	22935	0	KED
[	Mo	98	1.137	ug/L	0.053	4	15	1788	3	KED
[	Cd	111	0.019	ug/L	0.002	13	1	8	11	KED
[	Cd	114	0.018	ug/L	0.003	14	1	19	13	KED
[>	In	115		ug/L			1341444	1313228	2	Standard
[	Ag	107	-0.004	ug/L	0.000	1	134	52	2	Standard
[	Ba	135	9.634	ug/L	0.226	2	506	78143	0	Standard
[	Ba	137	9.470	ug/L	0.149	1	855	137563	0	Standard
[>	Tb	159		ug/L			2351464	2218072	1	Standard
[	Tl	205	0.001	ug/L	0.000	18	146	234	7	Standard
[	Pb	208	0.005	ug/L	0.001	15	535	1041	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-30
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:12:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1163031	1	Standard
	Be	9	-0.000	ug/L	0.000	894	6	6	45	Standard
	C	13		ug/L			23638	47749	1	Standard
	Cl	37		ug/L			8688083	7304794	1	Standard
>	Sc	45		ug/L			1340786	1401379	1	Standard
	Na	23	1057.222	ug/L	7.767	0	37122	27945780	0	Standard
	Mg	24	1206.146	ug/L	19.406	1	4302	37683123	1	Standard
	Al	27	4.897	ug/L	0.141	2	4418	146357	2	Standard
	K	39	616.073	ug/L	1.327	0	1211710	20181441	1	Standard
	Ca	44	14301.856	ug/L	144.440	1	9439	17751214	0	Standard
	V	51	0.273	ug/L	0.008	2	5885	15443	2	Standard
	V-1	51	0.297	ug/L	0.004	1	466	10698	2	Standard
	Cr	52	0.062	ug/L	0.008	12	17376	20012	2	Standard
	Cr	53	0.145	ug/L	0.005	3	230	743	1	Standard
	Fe	54	7.175	ug/L	0.268	3	91382	116090	0	Standard
	Fe	57	35.636	ug/L	0.612	1	17833	55154	0	Standard
	Mn	55	0.098	ug/L	0.005	4	1083	5515	3	Standard
>	Ge	72		ug/L			83230	71853	0	KED
	Co	59	0.015	ug/L	0.004	30	4	71	28	KED
	Ni	60	0.063	ug/L	0.020	31	17	97	27	KED
	Ni	62	0.071	ug/L	0.021	29	3	18	23	KED
	Cu	63	0.376	ug/L	0.010	2	116	1511	2	KED
	Cu	65	0.406	ug/L	0.019	4	55	806	5	KED
	Zn	66	0.137	ug/L	0.009	6	151	208	2	KED
	Zn	67	0.681	ug/L	0.140	20	18	79	16	KED
	As	75	0.236	ug/L	0.009	3	3	69	3	KED
	Se	78	0.535	ug/L	0.076	14	12	28	9	KED
	Y	89		ug/L			663280	626694	2	Standard
	Kr	83		ug/L			296	293	10	Standard
>	In-1	115		ug/L			26379	22906	0	KED
	Mo	98	1.562	ug/L	0.038	2	15	2448	2	KED
	Cd	111	0.025	ug/L	0.004	15	1	10	13	KED
	Cd	114	0.022	ug/L	0.011	51	1	22	47	KED
>	In	115		ug/L			1341444	1316122	1	Standard
	Ag	107	-0.004	ug/L	0.001	20	134	45	39	Standard
	Ba	135	7.815	ug/L	0.135	1	506	63636	0	Standard
	Ba	137	7.598	ug/L	0.136	1	855	110779	0	Standard
>	Tb	159		ug/L			2351464	2183236	1	Standard
	Tl	205	0.001	ug/L	0.000	11	146	208	2	Standard
	Pb	208	0.004	ug/L	0.000	11	535	921	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-31
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:17:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1126915	2	Standard
[	**Be**	**9**	**-0.000**	ug/L	0.001	239	6	4	107	Standard
	C	**13**		ug/L			23638	47614	2	Standard
	Cl	**37**		ug/L			8688083	7243053	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1362902	1	Standard
[	**Na**	**23**	**1153.028**	ug/L	15.637	1	37122	29640353	1	Standard
[	**Mg**	**24**	**1460.891**	ug/L	7.818	0	4302	44388874	1	Standard
[	**Al**	**27**	**3.461**	ug/L	0.058	1	4418	101935	2	Standard
[	**K**	**39**	**675.180**	ug/L	6.354	0	1211710	21390856	0	Standard
[	**Ca**	**44**	**17077.924**	ug/L	174.186	1	9439	20615613	1	Standard
[	**V**	**51**	**0.323**	ug/L	0.001	0	5885	16665	1	Standard
[	**V-1**	**51**	**0.345**	ug/L	0.003	1	466	12017	1	Standard
[	**Cr**	**52**	**0.135**	ug/L	0.006	4	17376	21565	1	Standard
[	**Cr**	**53**	**0.212**	ug/L	0.005	2	230	950	0	Standard
[	**Fe**	**54**	**5.873**	ug/L	0.635	10	91382	109273	1	Standard
[	**Fe**	**57**	**39.737**	ug/L	0.395	0	17833	57734	1	Standard
[	**Mn**	**55**	**0.129**	ug/L	0.001	0	1083	6689	1	Standard
[>	**Ge**	**72**		ug/L			83230	74088	0	KED
[	**Co**	**59**	**0.015**	ug/L	0.003	17	4	76	17	KED
[	**Ni**	**60**	**0.127**	ug/L	0.004	3	17	186	2	KED
[	**Ni**	**62**	**0.141**	ug/L	0.043	30	3	34	27	KED
[	**Cu**	**63**	**0.232**	ug/L	0.026	11	116	1003	9	KED
[	**Cu**	**65**	**0.210**	ug/L	0.008	3	55	453	3	KED
[	**Zn**	**66**	**0.285**	ug/L	0.026	9	151	302	4	KED
[	**Zn**	**67**	**0.590**	ug/L	0.109	18	18	73	14	KED
[	**As**	**75**	**0.209**	ug/L	0.011	5	3	63	4	KED
[	**Se**	**78**	**0.634**	ug/L	0.093	14	12	32	9	KED
	Y	**89**		ug/L			663280	606818	1	Standard
	Kr	**83**		ug/L			296	297	6	Standard
[>	**In-1**	**115**		ug/L			26379	22742	1	KED
[	**Mo**	**98**	**1.290**	ug/L	0.069	5	15	2009	5	KED
[	**Cd**	**111**	**0.038**	ug/L	0.004	11	1	15	9	KED
[	**Cd**	**114**	**0.036**	ug/L	0.014	38	1	36	37	KED
[>	**In**	**115**		ug/L			1341444	1261791	1	Standard
[	**Ag**	**107**	**-0.004**	ug/L	0.001	16	134	54	22	Standard
[	**Ba**	**135**	**7.207**	ug/L	0.065	0	506	56307	0	Standard
[	**Ba**	**137**	**7.104**	ug/L	0.099	1	855	99375	1	Standard
[>	**Tb**	**159**		ug/L			2351464	2141754	1	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	24	146	241	9	Standard
[	**Pb**	**208**	**0.075**	ug/L	0.001	1	535	8144	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-32
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:22:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1127833	0	Standard
[	Be	9	-0.000	ug/L	0.001	227	6	4	107	Standard
	C	13		ug/L			23638	51976	1	Standard
	Cl	37		ug/L			8688083	7443173	0	Standard
[>	Sc	45		ug/L			1340786	1384057	2	Standard
[	Na	23	3308.891	ug/L	27.570	0	37122	86301118	1	Standard
[	Mg	24	2164.346	ug/L	48.241	2	4302	66761307	0	Standard
[	Al	27	3.520	ug/L	0.106	3	4418	105174	0	Standard
[	K	39	1314.007	ug/L	17.154	1	1211710	41090406	1	Standard
[	Ca	44	28286.506	ug/L	824.199	2	9439	34654415	0	Standard
[	V	51	1.238	ug/L	0.031	2	5885	47664	1	Standard
[	V-1	51	1.371	ug/L	0.026	1	466	46999	1	Standard
[	Cr	52	0.387	ug/L	0.025	6	17376	29314	3	Standard
[	Cr	53	0.834	ug/L	0.015	1	230	3099	3	Standard
[	Fe	54	8.935	ug/L	0.244	2	91382	119646	2	Standard
[	Fe	57	72.646	ug/L	2.094	2	17833	91923	2	Standard
[	Mn	55	2.017	ug/L	0.053	2	1083	90012	1	Standard
[>	Ge	72		ug/L			83230	70922	1	KED
[	Co	59	0.013	ug/L	0.000	2	4	65	1	KED
[	Ni	60	0.507	ug/L	0.057	11	17	670	11	KED
[	Ni	62	0.383	ug/L	0.071	18	3	83	18	KED
[	Cu	63	0.142	ug/L	0.006	4	116	624	2	KED
[	Cu	65	0.153	ug/L	0.013	8	55	328	7	KED
[	Zn	66	0.727	ug/L	0.062	8	151	538	6	KED
[	Zn	67	1.094	ug/L	0.072	6	18	116	4	KED
[	As	75	0.356	ug/L	0.040	11	3	101	10	KED
[	Se	78	0.740	ug/L	0.123	16	12	34	12	KED
	Y	89		ug/L			663280	613493	1	Standard
	Kr	83		ug/L			296	291	9	Standard
[>	In-1	115		ug/L			26379	22646	0	KED
[	Mo	98	1.420	ug/L	0.030	2	15	2201	2	KED
[	Cd	111	0.035	ug/L	0.006	18	1	14	16	KED
[	Cd	114	0.037	ug/L	0.003	8	1	36	8	KED
[>	In	115		ug/L			1341444	1277876	2	Standard
[	Ag	107	-0.004	ug/L	0.000	11	134	55	15	Standard
[	Ba	135	7.238	ug/L	0.173	2	506	57255	2	Standard
[	Ba	137	6.985	ug/L	0.084	1	855	98958	1	Standard
[>	Tb	159		ug/L			2351464	2193383	0	Standard
[	Tl	205	-0.000	ug/L	0.000	148	146	120	20	Standard
[	Pb	208	0.010	ug/L	0.001	8	535	1540	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-33
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:28:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1207833	1129574	1	Standard
[	Be	9	0.061	ug/L	0.003	4	6	440	5	Standard
	C	13		ug/L			23638	53753	0	Standard
	Cl	37		ug/L			8688083	7012050	0	Standard
[>	Sc	45		ug/L			1340786	1371850	1	Standard
[	Na	23	1135.387	ug/L	9.736	0	37122	29376531	1	Standard
[	Mg	24	1263.358	ug/L	14.232	1	4302	38640517	2	Standard
[	Al	27	666.143	ug/L	7.475	1	4418	18880554	1	Standard
[	K	39	2775.012	ug/L	71.872	2	1211710	84628764	1	Standard
[	Ca	44	16369.144	ug/L	342.104	2	9439	19886634	1	Standard
[	V	51	-0.002	ug/L	0.002	114	5885	5967	2	Standard
[	V-1	51	0.020	ug/L	0.001	3	466	1146	2	Standard
[	Cr	52	0.056	ug/L	0.006	9	17376	19413	2	Standard
[	Cr	53	0.122	ug/L	0.005	3	230	652	2	Standard
[	Fe	54	25.499	ug/L	0.368	1	91382	165101	1	Standard
[	Fe	57	57.018	ug/L	2.121	3	17833	75429	1	Standard
[	Mn	55	46.580	ug/L	0.272	0	1083	2036574	1	Standard
[>	Ge	72		ug/L			83230	72098	0	KED
[	Co	59	1.126	ug/L	0.020	1	4	5234	1	KED
[	Ni	60	2.895	ug/L	0.054	1	17	3818	2	KED
[	Ni	62	2.847	ug/L	0.220	7	3	611	7	KED
[	Cu	63	15.570	ug/L	0.237	1	116	58794	1	KED
[	Cu	65	15.608	ug/L	0.302	1	55	29267	1	KED
[	Zn	66	84.647	ug/L	1.651	1	151	48601	2	KED
[	Zn	67	82.503	ug/L	2.672	3	18	7729	3	KED
[	As	75	0.011	ug/L	0.009	85	3	5	44	KED
[	Se	78	0.080	ug/L	0.037	46	12	13	8	KED
	Y	89		ug/L			663280	642699	1	Standard
	Kr	83		ug/L			296	281	8	Standard
[>	In-1	115		ug/L			26379	22918	0	KED
[	Mo	98	0.002	ug/L	0.004	237	15	15	39	KED
[	Cd	111	0.722	ug/L	0.057	7	1	268	6	KED
[	Cd	114	0.687	ug/L	0.033	4	1	661	4	KED
[>	In	115		ug/L			1341444	1278249	2	Standard
[	Ag	107	-0.003	ug/L	0.000	10	134	63	10	Standard
[	Ba	135	14.868	ug/L	0.072	0	506	117161	1	Standard
[	Ba	137	14.508	ug/L	0.123	0	855	204737	2	Standard
[>	Tb	159		ug/L			2351464	2190091	1	Standard
[	Tl	205	0.011	ug/L	0.001	4	146	1025	3	Standard
[	Pb	208	0.007	ug/L	0.001	7	535	1253	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-35
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:34:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1207833	1180125	1	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	48	6	27	37	Standard
	C	**13**		ug/L			23638	57518	0	Standard
	Cl	**37**		ug/L			8688083	7307339	0	Standard
[>	**Sc**	**45**		ug/L			1340786	1387481	0	Standard
[	**Na**	**23**	**420.761**	ug/L	4.836	1	37122	11035036	0	Standard
[	**Mg**	**24**	**302.459**	ug/L	2.862	0	4302	9359378	1	Standard
[	**Al**	**27**	**195.244**	ug/L	3.383	1	4418	5600201	1	Standard
[	**K**	**39**	**358.247**	ug/L	8.117	2	1211710	12143534	1	Standard
[	**Ca**	**44**	**3121.425**	ug/L	35.542	1	9439	3843944	1	Standard
[	**V**	**51**	**0.790**	ug/L	0.011	1	5885	32718	1	Standard
[	**V-1**	**51**	**0.798**	ug/L	0.010	1	466	27630	1	Standard
[	**Cr**	**52**	**0.481**	ug/L	0.006	1	17376	32178	0	Standard
[	**Cr**	**53**	**0.515**	ug/L	0.019	3	230	2009	2	Standard
[	**Fe**	**54**	**262.572**	ug/L	3.755	1	91382	840330	0	Standard
[	**Fe**	**57**	**273.566**	ug/L	3.610	1	17833	296016	1	Standard
[	**Mn**	**55**	**6.542**	ug/L	0.075	1	1083	290256	0	Standard
[>	**Ge**	**72**		ug/L			83230	74441	1	KED
[	**Co**	**59**	**0.179**	ug/L	0.003	1	4	862	1	KED
[	**Ni**	**60**	**0.311**	ug/L	0.020	6	17	437	5	KED
[	**Ni**	**62**	**0.336**	ug/L	0.018	5	3	77	3	KED
[	**Cu**	**63**	**1.493**	ug/L	0.012	0	116	5914	1	KED
[	**Cu**	**65**	**1.499**	ug/L	0.068	4	55	2947	5	KED
[	**Zn**	**66**	**2.038**	ug/L	0.164	8	151	1340	7	KED
[	**Zn**	**67**	**2.303**	ug/L	0.025	1	18	238	0	KED
[	**As**	**75**	**1.073**	ug/L	0.029	2	3	314	3	KED
[	**Se**	**78**	**-0.065**	ug/L	0.016	24	12	9	6	KED
	Y	**89**		ug/L			663280	648718	2	Standard
	Kr	**83**		ug/L			296	280	3	Standard
[>	**In-1**	**115**		ug/L			26379	23875	0	KED
[	**Mo**	**98**	**0.340**	ug/L	0.021	6	15	566	5	KED
[	**Cd**	**111**	**0.042**	ug/L	0.018	44	1	17	39	KED
[	**Cd**	**114**	**0.031**	ug/L	0.004	13	1	32	11	KED
[>	**In**	**115**		ug/L			1341444	1347357	0	Standard
[	**Ag**	**107**	**-0.002**	ug/L	0.000	7	134	91	3	Standard
[	**Ba**	**135**	**4.718**	ug/L	0.061	1	506	39537	0	Standard
[	**Ba**	**137**	**4.600**	ug/L	0.034	0	855	69005	0	Standard
[>	**Tb**	**159**		ug/L			2351464	2256066	0	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.000	6	146	539	4	Standard
[	**Pb**	**208**	**0.285**	ug/L	0.003	1	535	31271	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:42:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1170379	0	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	94	6	4	49	Standard
	C	**13**		ug/L			23638	22249	0	Standard
	Cl	**37**		ug/L			8688083	7695026	1	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1289706	1	Standard
⌈	**Na**	**23**	**0.479**	ug/L	0.015	3	37122	47338	1	Standard
⌈	**Mg**	**24**	**0.195**	ug/L	0.011	5	4302	9736	2	Standard
⌈	**Al**	**27**	**0.363**	ug/L	0.022	6	4418	13913	2	Standard
⌈	**K**	**39**	**2.342**	ug/L	0.446	19	1211710	1231574	0	Standard
⌈	**Ca**	**44**	**3.486**	ug/L	0.185	5	9439	13057	0	Standard
⌈	**V**	**51**	**-0.006**	ug/L	0.004	77	5885	5484	1	Standard
⌈	**V-1**	**51**	**-0.005**	ug/L	0.001	17	466	290	7	Standard
⌈	**Cr**	**52**	**-0.015**	ug/L	0.013	84	17376	16304	0	Standard
⌈	**Cr**	**53**	**-0.013**	ug/L	0.003	21	230	181	3	Standard
⌈	**Fe**	**54**	**0.289**	ug/L	0.923	319	91382	88645	1	Standard
⌈	**Fe**	**57**	**-2.789**	ug/L	0.146	5	17833	14521	0	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.001	3	1083	1822	2	Standard
⌈>	**Ge**	**72**		ug/L			83230	73549	2	KED
⌈	**Co**	**59**	**0.000**	ug/L	0.001	540	4	4	65	KED
⌈	**Ni**	**60**	**0.038**	ug/L	0.010	26	17	66	19	KED
⌈	**Ni**	**62**	**0.037**	ug/L	0.023	62	3	11	44	KED
⌈	**Cu**	**63**	**0.042**	ug/L	0.002	4	116	264	4	KED
⌈	**Cu**	**65**	**0.042**	ug/L	0.006	14	55	130	10	KED
⌈	**Zn**	**66**	**0.446**	ug/L	0.023	5	151	393	1	KED
⌈	**Zn**	**67**	**0.543**	ug/L	0.064	11	18	67	7	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.006	1246	3	2	61	KED
⌊	**Se**	**78**	**-0.089**	ug/L	0.028	31	12	8	12	KED
	Y	**89**		ug/L			663280	620610	1	Standard
	Kr	**83**		ug/L			296	269	2	Standard
⌈>	**In-1**	**115**		ug/L			26379	23710	1	KED
⌈	**Mo**	**98**	**-0.006**	ug/L	0.002	33	15	3	88	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.003	46	1	3	25	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	146	1	2	47	KED
⌈>	**In**	**115**		ug/L			1341444	1300764	1	Standard
⌈	**Ag**	**107**	**-0.005**	ug/L	0.001	11	134	29	37	Standard
⌈	**Ba**	**135**	**-0.051**	ug/L	0.002	3	506	81	18	Standard
⌊	**Ba**	**137**	**-0.049**	ug/L	0.001	1	855	131	6	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2191238	0	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	29	146	59	37	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.000	1	535	1297	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:48:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1207833	1170233	1	Standard
	Be	9	49.787	ug/L	1.011	2	6	366346	2	Standard
	C	13		ug/L			23638	22587	0	Standard
	Cl	37		ug/L			8688083	7952234	0	Standard
>	Sc	45		ug/L			1340786	1318460	0	Standard
	Na	23	4054.688	ug/L	50.067	1	37122	100744786	2	Standard
	Mg	24	4380.916	ug/L	65.215	1	4302	128763509	1	Standard
	Al	27	4407.124	ug/L	110.219	2	4418	120017485	1	Standard
	K	39	4979.473	ug/L	34.507	0	1211710	145035525	1	Standard
	Ca	44	4853.563	ug/L	96.319	1	9439	5673800	1	Standard
	V	51	47.902	ug/L	0.674	1	5885	1539344	0	Standard
	V-1	51	47.742	ug/L	0.648	1	466	1543772	0	Standard
	Cr	52	47.865	ug/L	0.378	0	17376	1358613	1	Standard
	Cr	53	47.360	ug/L	0.656	1	230	154939	1	Standard
	Fe	54	4686.525	ug/L	32.691	0	91382	12739270	1	Standard
	Fe	57	5056.671	ug/L	32.190	0	17833	4892812	0	Standard
	Mn	55	45.672	ug/L	0.517	1	1083	1919323	1	Standard
>	Ge	72		ug/L			83230	76495	0	KED
	Co	59	49.533	ug/L	0.612	1	4	244121	0	KED
	Ni	60	49.214	ug/L	0.218	0	17	68636	0	KED
	Ni	62	49.042	ug/L	0.574	1	3	11118	0	KED
	Cu	63	49.476	ug/L	0.577	1	116	197987	1	KED
	Cu	65	49.325	ug/L	0.913	1	55	98015	1	KED
	Zn	66	51.871	ug/L	0.824	1	151	31650	1	KED
	Zn	67	50.921	ug/L	0.286	0	18	5067	0	KED
	As	75	47.938	ug/L	0.369	0	3	14317	0	KED
	Se	78	51.629	ug/L	0.517	1	12	1789	0	KED
	Y	89		ug/L			663280	631686	0	Standard
	Kr	83		ug/L			296	280	11	Standard
>	In-1	115		ug/L			26379	23761	0	KED
	Mo	98	46.710	ug/L	0.219	0	15	75563	0	KED
	Cd	111	49.868	ug/L	0.694	1	1	19140	1	KED
	Cd	114	49.211	ug/L	0.441	0	1	49045	0	KED
>	In	115		ug/L			1341444	1300035	2	Standard
	Ag	107	51.341	ug/L	0.842	1	134	1005668	2	Standard
	Ba	135	41.610	ug/L	0.191	0	506	332606	1	Standard
	Ba	137	40.754	ug/L	0.090	0	855	583429	1	Standard
>	Tb	159		ug/L			2351464	2234009	1	Standard
	Tl	205	51.346	ug/L	0.791	1	146	4168641	0	Standard
	Pb	208	52.645	ug/L	0.241	0	535	5617099	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 00:55:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1207833	1190273	1	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	161	6	5	33	Standard
	C	**13**		ug/L			23638	21555	2	Standard
	Cl	**37**		ug/L			8688083	7633259	0	Standard
⌈>	**Sc**	**45**		ug/L			1340786	1314822	0	Standard
⌈	**Na**	**23**	**1.051**	ug/L	0.024	2	37122	62429	1	Standard
⌈	**Mg**	**24**	**0.124**	ug/L	0.005	3	4302	7850	1	Standard
⌈	**Al**	**27**	**0.450**	ug/L	0.015	3	4418	16542	2	Standard
⌈	**K**	**39**	**1.136**	ug/L	0.235	20	1211710	1220938	0	Standard
⌈	**Ca**	**44**	**0.618**	ug/L	0.120	19	9439	9976	2	Standard
⌈	**V**	**51**	**-0.003**	ug/L	0.002	56	5885	5666	1	Standard
⌈	**V-1**	**51**	**-0.007**	ug/L	0.000	5	466	226	4	Standard
⌈	**Cr**	**52**	**-0.012**	ug/L	0.007	58	17376	16718	1	Standard
⌈	**Cr**	**53**	**-0.024**	ug/L	0.003	13	230	149	6	Standard
⌈	**Fe**	**54**	**3.185**	ug/L	0.581	18	91382	98177	0	Standard
⌈	**Fe**	**57**	**5.390**	ug/L	0.124	2	17833	22669	0	Standard
⌊	**Mn**	**55**	**0.047**	ug/L	0.001	2	1083	3025	2	Standard
⌈>	**Ge**	**72**		ug/L			83230	77436	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.000	76	4	6	31	KED
⌈	**Ni**	**60**	**0.019**	ug/L	0.010	52	17	42	31	KED
⌈	**Ni**	**62**	**0.012**	ug/L	0.010	79	3	6	34	KED
⌈	**Cu**	**63**	**0.027**	ug/L	0.004	13	116	218	5	KED
⌈	**Cu**	**65**	**0.025**	ug/L	0.013	52	55	101	25	KED
⌈	**Zn**	**66**	**0.392**	ug/L	0.012	3	151	381	2	KED
⌈	**Zn**	**67**	**0.468**	ug/L	0.032	6	18	64	6	KED
⌈	**As**	**75**	**0.010**	ug/L	0.003	31	3	6	16	KED
⌊	**Se**	**78**	**-0.035**	ug/L	0.081	235	12	10	27	KED
	Y	**89**		ug/L			663280	628222	0	Standard
	Kr	**83**		ug/L			296	275	6	Standard
⌈>	**In-1**	**115**		ug/L			26379	23920	2	KED
⌈	**Mo**	**98**	**0.027**	ug/L	0.008	28	15	57	22	KED
⌈	**Cd**	**111**	**0.009**	ug/L	0.008	88	1	5	57	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.006	80	1	8	67	KED
⌈>	**In**	**115**		ug/L			1341444	1308057	1	Standard
⌈	**Ag**	**107**	**-0.002**	ug/L	0.000	10	134	95	5	Standard
⌈	**Ba**	**135**	**-0.047**	ug/L	0.003	6	506	117	21	Standard
⌊	**Ba**	**137**	**-0.044**	ug/L	0.001	1	855	201	7	Standard
⌈>	**Tb**	**159**		ug/L			2351464	2202653	1	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	12	146	184	4	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	7	535	1010	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 01:00:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1163577	2	Standard
⌊	**Be**	**9**		ug/L				5	21	Standard
	C	**13**		ug/L				21889	2	Standard
	Cl	**37**		ug/L				7597445	0	Standard
⌈>	**Sc**	**45**		ug/L				1291432	2	Standard
⌈	**Na**	**23**		ug/L				61509	1	Standard
⌈	**Mg**	**24**		ug/L				7383	3	Standard
⌈	**Al**	**27**		ug/L				16408	2	Standard
⌈	**K**	**39**		ug/L				1207721	0	Standard
⌈	**Ca**	**44**		ug/L				10019	0	Standard
⌈	**V**	**51**		ug/L				5630	1	Standard
⌈	**V-1**	**51**		ug/L				223	5	Standard
⌈	**Cr**	**52**		ug/L				16691	1	Standard
⌈	**Cr**	**53**		ug/L				156	5	Standard
⌈	**Fe**	**54**		ug/L				98188	1	Standard
⌈	**Fe**	**57**		ug/L				22985	1	Standard
⌊	**Mn**	**55**		ug/L				3055	1	Standard
⌈>	**Ge**	**72**		ug/L				77165	0	KED
⌈	**Co**	**59**		ug/L				5	21	KED
⌈	**Ni**	**60**		ug/L				38	13	KED
⌈	**Ni**	**62**		ug/L				12	71	KED
⌈	**Cu**	**63**		ug/L				214	6	KED
⌈	**Cu**	**65**		ug/L				111	10	KED
⌈	**Zn**	**66**		ug/L				338	5	KED
⌈	**Zn**	**67**		ug/L				60	16	KED
⌈	**As**	**75**		ug/L				3	9	KED
⌊	**Se**	**78**		ug/L				10	35	KED
	Y	**89**		ug/L				624922	1	Standard
	Kr	**83**		ug/L				255	4	Standard
⌈>	**In-1**	**115**		ug/L				23929	1	KED
⌈	**Mo**	**98**		ug/L				13	32	KED
⌈	**Cd**	**111**		ug/L				1	124	KED
⌊	**Cd**	**114**		ug/L				4	52	KED
⌈>	**In**	**115**		ug/L				1299773	1	Standard
⌈	**Ag**	**107**		ug/L				58	3	Standard
⌈	**Ba**	**135**		ug/L				126	13	Standard
⌊	**Ba**	**137**		ug/L				219	8	Standard
⌈>	**Tb**	**159**		ug/L				2198543	2	Standard
⌈	**Tl**	**205**		ug/L				100	7	Standard
⌊	**Pb**	**208**		ug/L				992	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 01:05:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1163577	1167495	2	Standard
	Be	9	50.470	ug/L	0.335	0	5	370504	2	Standard
	C	13		ug/L			21889	22797	2	Standard
	Cl	37		ug/L			7597445	7939085	0	Standard
>	Sc	45		ug/L			1291432	1300038	1	Standard
	Na	23	4145.624	ug/L	48.448	1	61509	101574889	1	Standard
	Mg	24	4457.983	ug/L	85.585	1	7383	129180676	1	Standard
	Al	27	4420.514	ug/L	120.050	2	16408	118710064	2	Standard
	K	39	5212.506	ug/L	89.361	1	1207721	149680450	2	Standard
	Ca	44	4916.728	ug/L	156.907	3	10019	5666902	1	Standard
	V	51	48.360	ug/L	0.305	0	5630	1532355	1	Standard
	V-1	51	48.264	ug/L	0.539	1	223	1538674	1	Standard
	Cr	52	48.319	ug/L	0.459	0	16691	1352067	1	Standard
	Cr	53	48.018	ug/L	1.199	2	156	154804	2	Standard
	Fe	54	4739.725	ug/L	51.633	1	98188	12712124	1	Standard
	Fe	57	5073.703	ug/L	69.233	1	22985	4846108	1	Standard
	Mn	55	46.182	ug/L	0.975	2	3055	1915213	1	Standard
>	Ge	72		ug/L			77165	76849	1	KED
	Co	59	49.378	ug/L	0.515	1	5	244470	0	KED
	Ni	60	49.095	ug/L	0.944	1	38	68797	0	KED
	Ni	62	48.315	ug/L	0.560	1	12	11013	1	KED
	Cu	63	48.473	ug/L	0.479	0	214	194970	0	KED
	Cu	65	48.835	ug/L	0.821	1	111	97548	1	KED
	Zn	66	50.936	ug/L	0.720	1	338	31422	0	KED
	Zn	67	51.391	ug/L	0.849	1	60	5181	2	KED
	As	75	47.814	ug/L	0.260	0	3	14346	0	KED
	Se	78	51.623	ug/L	0.948	1	10	1796	3	KED
	Y	89		ug/L			624922	634109	3	Standard
	Kr	83		ug/L			255	283	3	Standard
>	In-1	115		ug/L			23929	23468	2	KED
	Mo	98	47.107	ug/L	0.561	1	13	75254	0	KED
	Cd	111	49.841	ug/L	0.512	1	1	18893	1	KED
	Cd	114	49.636	ug/L	0.414	0	4	48857	1	KED
>	In	115		ug/L			1299773	1285304	0	Standard
	Ag	107	50.684	ug/L	1.656	3	58	981530	3	Standard
	Ba	135	42.123	ug/L	0.801	1	126	332502	1	Standard
	Ba	137	41.313	ug/L	0.469	1	219	584130	1	Standard
>	Tb	159		ug/L			2198543	2230995	1	Standard
	Tl	205	51.209	ug/L	0.829	1	100	4152478	1	Standard
	Pb	208	52.895	ug/L	0.612	1	992	5636231	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 01:12:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1163577	1159880	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.000	41	5	10	21	Standard
	C	**13**		ug/L			21889	21482	0	Standard
	Cl	**37**		ug/L			7597445	7516445	0	Standard
⌈>	**Sc**	**45**		ug/L			1291432	1306453	1	Standard
⌈	**Na**	**23**	**0.024**	ug/L	0.055	233	61509	62791	0	Standard
⌈	**Mg**	**24**	**0.003**	ug/L	0.007	197	7383	7564	0	Standard
⌈	**Al**	**27**	**0.002**	ug/L	0.014	810	16408	16645	1	Standard
⌈	**K**	**39**	**-0.747**	ug/L	0.875	117	1207721	1200113	0	Standard
⌈	**Ca**	**44**	**-0.364**	ug/L	0.176	48	10019	9713	1	Standard
⌈	**V**	**51**	**-0.004**	ug/L	0.007	211	5630	5581	2	Standard
⌈	**V-1**	**51**	**0.001**	ug/L	0.001	44	223	268	5	Standard
⌈	**Cr**	**52**	**-0.015**	ug/L	0.024	161	16691	16462	2	Standard
⌈	**Cr**	**53**	**0.001**	ug/L	0.002	196	156	161	1	Standard
⌈	**Fe**	**54**	**-0.671**	ug/L	1.030	153	98188	97505	1	Standard
⌈	**Fe**	**57**	**-0.541**	ug/L	0.414	76	22985	22731	0	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.003	617	3055	3108	2	Standard
⌈>	**Ge**	**72**		ug/L			77165	75941	1	KED
⌈	**Co**	**59**	**0.001**	ug/L	0.001	143	5	7	50	KED
⌈	**Ni**	**60**	**-0.007**	ug/L	0.003	38	38	27	14	KED
⌈	**Ni**	**62**	**-0.010**	ug/L	0.017	166	12	9	40	KED
⌈	**Cu**	**63**	**0.006**	ug/L	0.005	93	214	234	9	KED
⌈	**Cu**	**65**	**0.002**	ug/L	0.008	493	111	113	12	KED
⌈	**Zn**	**66**	**0.044**	ug/L	0.039	89	338	359	6	KED
⌈	**Zn**	**67**	**-0.088**	ug/L	0.161	183	60	51	32	KED
⌈	**As**	**75**	**0.000**	ug/L	0.004	2296	3	3	39	KED
⌊	**Se**	**78**	**0.026**	ug/L	0.078	294	10	11	23	KED
	Y	**89**		ug/L			624922	627440	1	Standard
	Kr	**83**		ug/L			255	274	4	Standard
⌈>	**In-1**	**115**		ug/L			23929	24170	1	KED
⌈	**Mo**	**98**	**0.020**	ug/L	0.003	13	13	46	8	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.002	62	1	2	21	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.006	342	4	5	103	KED
⌈>	**In**	**115**		ug/L			1299773	1295774	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	30	58	90	10	Standard
⌈	**Ba**	**135**	**-0.001**	ug/L	0.001	81	126	118	6	Standard
⌊	**Ba**	**137**	**-0.001**	ug/L	0.004	344	219	202	26	Standard
⌈>	**Tb**	**159**		ug/L			2198543	2191568	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	19	100	193	8	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	62	992	1034	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-37
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:17:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1221817	2	Standard
[	**Be**	**9**	**0.000**	ug/L	0.001	230	5	8	81	Standard
	C	**13**		ug/L			21889	53480	0	Standard
	Cl	**37**		ug/L			7597445	7091565	0	Standard
[>	**Sc**	**45**		ug/L			1291432	1378805	1	Standard
[	**Na**	**23**	**426.712**	ug/L	3.572	0	61509	11147704	0	Standard
[	**Mg**	**24**	**269.172**	ug/L	4.077	1	7383	8279908	0	Standard
[	**Al**	**27**	**22.266**	ug/L	0.453	2	16408	651599	0	Standard
[	**K**	**39**	**338.630**	ug/L	3.105	0	1207721	11519451	2	Standard
[	**Ca**	**44**	**3272.638**	ug/L	37.111	1	10019	4005125	1	Standard
[	**V**	**51**	**0.307**	ug/L	0.004	1	5630	16300	2	Standard
[	**V-1**	**51**	**0.307**	ug/L	0.004	1	223	10620	2	Standard
[	**Cr**	**52**	**0.298**	ug/L	0.008	2	16691	26561	0	Standard
[	**Cr**	**53**	**0.298**	ug/L	0.006	2	156	1184	0	Standard
[	**Fe**	**54**	**25.045**	ug/L	1.039	4	98188	175495	0	Standard
[	**Fe**	**57**	**23.349**	ug/L	0.993	4	22985	48076	1	Standard
[	**Mn**	**55**	**0.456**	ug/L	0.010	2	3055	23282	1	Standard
[>	**Ge**	**72**		ug/L			77165	78901	1	KED
[	**Co**	**59**	**0.019**	ug/L	0.001	6	5	104	5	KED
[	**Ni**	**60**	**0.116**	ug/L	0.017	14	38	205	10	KED
[	**Ni**	**62**	**0.107**	ug/L	0.024	22	12	37	16	KED
[	**Cu**	**63**	**0.649**	ug/L	0.021	3	214	2896	2	KED
[	**Cu**	**65**	**0.644**	ug/L	0.018	2	111	1433	1	KED
[	**Zn**	**66**	**34.048**	ug/L	0.234	0	338	21681	1	KED
[	**Zn**	**67**	**32.607**	ug/L	0.453	1	60	3398	2	KED
[	**As**	**75**	**0.582**	ug/L	0.010	1	3	182	3	KED
[	**Se**	**78**	**0.093**	ug/L	0.041	43	10	13	9	KED
	Y	**89**		ug/L			624922	663439	2	Standard
	Kr	**83**		ug/L			255	300	9	Standard
[>	**In-1**	**115**		ug/L			23929	24248	0	KED
[	**Mo**	**98**	**0.361**	ug/L	0.011	3	13	609	3	KED
[	**Cd**	**111**	**0.024**	ug/L	0.004	15	1	11	13	KED
[	**Cd**	**114**	**0.009**	ug/L	0.010	117	4	13	80	KED
[>	**In**	**115**		ug/L			1299773	1344653	1	Standard
[	**Ag**	**107**	**0.000**	ug/L	0.001	195	58	67	22	Standard
[	**Ba**	**135**	**2.767**	ug/L	0.084	3	126	22968	1	Standard
[	**Ba**	**137**	**2.721**	ug/L	0.041	1	219	40451	0	Standard
[>	**Tb**	**159**		ug/L			2198543	2289875	1	Standard
[	**Tl**	**205**	**0.002**	ug/L	0.000	8	100	281	4	Standard
[	**Pb**	**208**	**0.023**	ug/L	0.000	0	992	3504	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:22:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1163577	1195947	1	Standard
	Be	9	0.002	ug/L	0.001	42	5	23	32	Standard
	C	13		ug/L			21889	52806	2	Standard
	Cl	37		ug/L			7597445	6966852	0	Standard
>	Sc	45		ug/L			1291432	1379198	0	Standard
	Na	23	419.559	ug/L	7.636	1	61509	10965850	1	Standard
	Mg	24	289.701	ug/L	2.461	0	7383	8914851	1	Standard
	Al	27	127.728	ug/L	0.563	0	16408	3656505	0	Standard
	K	39	332.947	ug/L	6.333	1	1207721	11349748	1	Standard
	Ca	44	3131.036	ug/L	42.475	1	10019	3833313	0	Standard
	V	51	0.648	ug/L	0.005	0	5630	27718	1	Standard
	V-1	51	0.648	ug/L	0.003	0	223	22169	1	Standard
	Cr	52	0.292	ug/L	0.011	3	16691	26391	1	Standard
	Cr	53	0.304	ug/L	0.006	2	156	1207	2	Standard
	Fe	54	180.910	ug/L	1.395	0	98188	615644	0	Standard
	Fe	57	184.144	ug/L	2.031	1	22985	210263	0	Standard
	Mn	55	4.723	ug/L	0.013	0	3055	210766	0	Standard
>	Ge	72		ug/L			77165	79285	1	KED
	Co	59	0.178	ug/L	0.010	5	5	914	4	KED
	Ni	60	0.311	ug/L	0.015	4	38	488	5	KED
	Ni	62	0.307	ug/L	0.081	26	12	84	22	KED
	Cu	63	1.149	ug/L	0.037	3	214	4983	2	KED
	Cu	65	1.156	ug/L	0.028	2	111	2495	2	KED
	Zn	66	3.256	ug/L	0.090	2	338	2398	3	KED
	Zn	67	2.938	ug/L	0.407	13	60	364	10	KED
	As	75	0.978	ug/L	0.026	2	3	305	3	KED
	Se	78	0.056	ug/L	0.060	107	10	12	17	KED
	Y	89		ug/L			624922	636397	1	Standard
	Kr	83		ug/L			255	289	3	Standard
>	In-1	115		ug/L			23929	24601	0	KED
	Mo	98	0.349	ug/L	0.027	7	13	598	7	KED
	Cd	111	0.027	ug/L	0.004	14	1	12	13	KED
	Cd	114	0.012	ug/L	0.011	87	4	16	65	KED
>	In	115		ug/L			1299773	1315151	2	Standard
	Ag	107	0.002	ug/L	0.000	17	58	93	8	Standard
	Ba	135	3.658	ug/L	0.074	2	126	29656	0	Standard
	Ba	137	3.550	ug/L	0.080	2	219	51549	1	Standard
>	Tb	159		ug/L			2198543	2258054	1	Standard
	Tl	205	0.003	ug/L	0.000	8	100	358	5	Standard
	Pb	208	0.194	ug/L	0.004	2	992	21945	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-39
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:27:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1196954	1	Standard
[	**Be**	**9**	**0.002**	ug/L	0.001	41	5	20	32	Standard
	C	**13**		ug/L			21889	57085	0	Standard
	Cl	**37**		ug/L			7597445	6891273	0	Standard
[>	**Sc**	**45**		ug/L			1291432	1368104	1	Standard
[	**Na**	**23**	**426.958**	ug/L	3.690	0	61509	11067157	1	Standard
[	**Mg**	**24**	**299.884**	ug/L	5.306	1	7383	9151697	1	Standard
[	**Al**	**27**	**124.029**	ug/L	2.044	1	16408	3523147	3	Standard
[	**K**	**39**	**349.848**	ug/L	5.245	1	1207721	11763615	0	Standard
[	**Ca**	**44**	**3284.483**	ug/L	42.193	1	10019	3988546	2	Standard
[	**V**	**51**	**0.685**	ug/L	0.013	1	5630	28706	0	Standard
[	**V-1**	**51**	**0.683**	ug/L	0.011	1	223	23150	0	Standard
[	**Cr**	**52**	**0.477**	ug/L	0.018	3	16691	31557	0	Standard
[	**Cr**	**53**	**0.479**	ug/L	0.011	2	156	1789	0	Standard
[	**Fe**	**54**	**163.520**	ug/L	2.558	1	98188	561897	0	Standard
[	**Fe**	**57**	**166.535**	ug/L	1.296	0	22985	190967	2	Standard
[	**Mn**	**55**	**3.781**	ug/L	0.060	1	3055	167977	0	Standard
[>	**Ge**	**72**		ug/L			77165	78309	0	KED
[	**Co**	**59**	**0.113**	ug/L	0.004	3	5	575	3	KED
[	**Ni**	**60**	**0.249**	ug/L	0.017	7	38	394	6	KED
[	**Ni**	**62**	**0.185**	ug/L	0.039	21	12	55	17	KED
[	**Cu**	**63**	**1.075**	ug/L	0.020	1	214	4620	1	KED
[	**Cu**	**65**	**1.068**	ug/L	0.024	2	111	2285	2	KED
[	**Zn**	**66**	**26.538**	ug/L	0.264	0	338	16848	0	KED
[	**Zn**	**67**	**24.598**	ug/L	0.568	2	60	2559	2	KED
[	**As**	**75**	**0.855**	ug/L	0.026	3	3	264	3	KED
[	**Se**	**78**	**0.155**	ug/L	0.078	50	10	15	16	KED
	Y	**89**		ug/L			624922	649741	1	Standard
	Kr	**83**		ug/L			255	306	13	Standard
[>	**In-1**	**115**		ug/L			23929	24328	1	KED
[	**Mo**	**98**	**0.419**	ug/L	0.036	8	13	707	8	KED
[	**Cd**	**111**	**0.022**	ug/L	0.006	26	1	10	23	KED
[	**Cd**	**114**	**0.013**	ug/L	0.008	56	4	17	43	KED
[>	**In**	**115**		ug/L			1299773	1354997	0	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.001	54	58	93	18	Standard
[	**Ba**	**135**	**3.375**	ug/L	0.011	0	126	28210	0	Standard
[	**Ba**	**137**	**3.293**	ug/L	0.047	1	219	49301	1	Standard
[>	**Tb**	**159**		ug/L			2198543	2286456	0	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	9	100	321	5	Standard
[	**Pb**	**208**	**0.155**	ug/L	0.001	0	992	17952	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-40
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:31:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1163577	1206594	1	Standard
	Be	**9**	**0.003**	ug/L	0.001	36	5	27	28	Standard
	C	**13**		ug/L			21889	58648	0	Standard
	Cl	**37**		ug/L			7597445	6871722	0	Standard
>	**Sc**	**45**		ug/L			1291432	1366371	0	Standard
	Na	**23**	**447.926**	ug/L	5.760	1	61509	11594382	1	Standard
	Mg	**24**	**322.223**	ug/L	7.025	2	7383	9822662	2	Standard
	Al	**27**	**198.312**	ug/L	6.781	3	16408	5615330	3	Standard
	K	**39**	**369.068**	ug/L	4.304	1	1207721	12326330	1	Standard
	Ca	**44**	**3230.161**	ug/L	37.750	1	10019	3917887	1	Standard
	V	**51**	**0.867**	ug/L	0.014	1	5630	34715	1	Standard
	V-1	**51**	**0.861**	ug/L	0.013	1	223	29099	1	Standard
	Cr	**52**	**0.552**	ug/L	0.013	2	16691	33703	1	Standard
	Cr	**53**	**0.545**	ug/L	0.020	3	156	2012	3	Standard
	Fe	**54**	**262.739**	ug/L	7.658	2	98188	838864	2	Standard
	Fe	**57**	**267.270**	ug/L	4.766	1	22985	291382	1	Standard
	Mn	**55**	**7.008**	ug/L	0.129	1	3055	308273	2	Standard
>	**Ge**	**72**		ug/L			77165	78574	0	KED
	Co	**59**	**0.183**	ug/L	0.010	5	5	931	4	KED
	Ni	**60**	**0.318**	ug/L	0.007	2	38	493	1	KED
	Ni	**62**	**0.310**	ug/L	0.076	24	12	84	20	KED
	Cu	**63**	**2.554**	ug/L	0.064	2	214	10708	1	KED
	Cu	**65**	**2.530**	ug/L	0.049	1	111	5275	1	KED
	Zn	**66**	**2.295**	ug/L	0.035	1	338	1776	1	KED
	Zn	**67**	**2.240**	ug/L	0.199	8	60	290	6	KED
	As	**75**	**1.013**	ug/L	0.033	3	3	313	3	KED
	Se	**78**	**0.006**	ug/L	0.032	502	10	10	10	KED
	Y	**89**		ug/L			624922	650341	1	Standard
	Kr	**83**		ug/L			255	273	11	Standard
>	**In-1**	**115**		ug/L			23929	24333	2	KED
	Mo	**98**	**0.350**	ug/L	0.014	4	13	593	3	KED
	Cd	**111**	**0.022**	ug/L	0.013	59	1	10	48	KED
	Cd	**114**	**0.022**	ug/L	0.010	44	4	26	36	KED
>	**In**	**115**		ug/L			1299773	1323008	3	Standard
	Ag	**107**	**0.003**	ug/L	0.002	81	58	114	42	Standard
	Ba	**135**	**4.950**	ug/L	0.087	1	126	40318	1	Standard
	Ba	**137**	**4.914**	ug/L	0.091	1	219	71679	1	Standard
>	**Tb**	**159**		ug/L			2198543	2273376	0	Standard
	Tl	**205**	**0.006**	ug/L	0.002	30	100	587	26	Standard
	Pb	**208**	**0.287**	ug/L	0.004	1	992	32137	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:36:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1072895	2	Standard
[	**Be**	**9**	**0.002**	ug/L	0.002	93	5	17	67	Standard
	C	**13**		ug/L			21889	51419	0	Standard
	Cl	**37**		ug/L			7597445	6876136	1	Standard
[>	**Sc**	**45**		ug/L			1291432	1394047	2	Standard
[	**Na**	**23**	**3595.101**	ug/L	72.235	2	61509	94444201	1	Standard
[	**Mg**	**24**	**7756.182**	ug/L	65.050	0	7383	241009521	1	Standard
[	**Al**	**27**	**54.358**	ug/L	0.822	1	16408	1582862	2	Standard
[	**K**	**39**	**4145.495**	ug/L	41.085	0	1207721	127906559	2	Standard
[	**Ca**	**44**	**58106.657**	ug/L	1249.441	2	10019	71698692	1	Standard
[	**V**	**51**	**0.525**	ug/L	0.011	2	5630	23855	1	Standard
[	**V-1**	**51**	**0.552**	ug/L	0.008	1	223	19094	1	Standard
[	**Cr**	**52**	**0.370**	ug/L	0.007	1	16691	28964	1	Standard
[	**Cr**	**53**	**0.458**	ug/L	0.006	1	156	1750	3	Standard
[	**Fe**	**54**	**56.567**	ug/L	1.414	2	98188	267401	2	Standard
[	**Fe**	**57**	**188.423**	ug/L	3.405	1	22985	216939	3	Standard
[	**Mn**	**55**	**29.497**	ug/L	0.248	0	3055	1313211	2	Standard
[>	**Ge**	**72**		ug/L			77165	68744	1	KED
[	**Co**	**59**	**0.298**	ug/L	0.010	3	5	1325	4	KED
[	**Ni**	**60**	**0.172**	ug/L	0.009	5	38	248	4	KED
[	**Ni**	**62**	**0.116**	ug/L	0.017	14	12	34	9	KED
[	**Cu**	**63**	**0.505**	ug/L	0.012	2	214	2005	2	KED
[	**Cu**	**65**	**0.483**	ug/L	0.035	7	111	961	6	KED
[	**Zn**	**66**	**0.681**	ug/L	0.036	5	338	673	3	KED
[	**Zn**	**67**	**1.630**	ug/L	0.455	27	60	199	19	KED
[	**As**	**75**	**0.104**	ug/L	0.012	11	3	30	9	KED
[	**Se**	**78**	**0.102**	ug/L	0.045	43	10	12	10	KED
	Y	**89**		ug/L			624922	610228	4	Standard
	Kr	**83**		ug/L			255	271	6	Standard
[>	**In-1**	**115**		ug/L			23929	21850	3	KED
[	**Mo**	**98**	**0.327**	ug/L	0.003	0	13	498	3	KED
[	**Cd**	**111**	**0.080**	ug/L	0.005	6	1	29	5	KED
[	**Cd**	**114**	**0.074**	ug/L	0.011	15	4	71	11	KED
[>	**In**	**115**		ug/L			1299773	1235824	3	Standard
[	**Ag**	**107**	**0.003**	ug/L	0.001	24	58	114	9	Standard
[	**Ba**	**135**	**18.856**	ug/L	0.392	2	126	143116	2	Standard
[	**Ba**	**137**	**18.542**	ug/L	0.393	2	219	252056	2	Standard
[>	**Tb**	**159**		ug/L			2198543	2191748	0	Standard
[	**Tl**	**205**	**0.000**	ug/L	0.000	113	100	135	29	Standard
[	**Pb**	**208**	**0.032**	ug/L	0.001	4	992	4391	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:41:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1086076	0	Standard
[	**Be**	**9**	**0.004**	ug/L	0.001	22	5	29	18	Standard
	C	**13**		ug/L			21889	53189	0	Standard
	Cl	**37**		ug/L			7597445	6940037	0	Standard
[>	**Sc**	**45**		ug/L			1291432	1425126	0	Standard
[	**Na**	**23**	**3438.773**	ug/L	23.800	0	61509	92385727	1	Standard
[	**Mg**	**24**	**7676.144**	ug/L	57.531	0	7383	243863321	0	Standard
[	**Al**	**27**	**67.998**	ug/L	0.652	0	16408	2019944	1	Standard
[	**K**	**39**	**4062.435**	ug/L	61.329	1	1207721	128168756	1	Standard
[	**Ca**	**44**	**57036.747**	ug/L	438.675	0	10019	71971886	1	Standard
[	**V**	**51**	**0.543**	ug/L	0.002	0	5630	25017	0	Standard
[	**V-1**	**51**	**0.570**	ug/L	0.004	0	223	20151	0	Standard
[	**Cr**	**52**	**0.318**	ug/L	0.002	0	16691	28065	0	Standard
[	**Cr**	**53**	**0.408**	ug/L	0.015	3	156	1615	3	Standard
[	**Fe**	**54**	**67.961**	ug/L	0.344	0	98188	306631	0	Standard
[	**Fe**	**57**	**199.902**	ug/L	2.520	1	22985	233705	1	Standard
[	**Mn**	**55**	**28.807**	ug/L	0.503	1	3055	1311052	1	Standard
[>	**Ge**	**72**		ug/L			77165	68581	0	KED
[	**Co**	**59**	**0.309**	ug/L	0.004	1	5	1371	0	KED
[	**Ni**	**60**	**0.163**	ug/L	0.020	11	38	238	9	KED
[	**Ni**	**62**	**0.119**	ug/L	0.103	86	12	34	60	KED
[	**Cu**	**63**	**0.827**	ug/L	0.021	2	214	3155	2	KED
[	**Cu**	**65**	**0.812**	ug/L	0.027	3	111	1544	2	KED
[	**Zn**	**66**	**10.417**	ug/L	0.057	0	338	5974	0	KED
[	**Zn**	**67**	**10.592**	ug/L	0.490	4	60	996	4	KED
[	**As**	**75**	**0.109**	ug/L	0.015	13	3	31	12	KED
[	**Se**	**78**	**0.078**	ug/L	0.061	78	10	11	16	KED
	Y	**89**		ug/L			624922	617803	2	Standard
	Kr	**83**		ug/L			255	275	7	Standard
[>	**In-1**	**115**		ug/L			23929	22362	1	KED
[	**Mo**	**98**	**0.353**	ug/L	0.032	8	13	550	7	KED
[	**Cd**	**111**	**0.076**	ug/L	0.015	19	1	28	19	KED
[	**Cd**	**114**	**0.095**	ug/L	0.017	18	4	93	17	KED
[>	**In**	**115**		ug/L			1299773	1266598	1	Standard
[	**Ag**	**107**	**0.001**	ug/L	0.001	47	58	77	12	Standard
[	**Ba**	**135**	**18.708**	ug/L	0.344	1	126	145579	1	Standard
[	**Ba**	**137**	**18.312**	ug/L	0.216	1	219	255230	0	Standard
[>	**Tb**	**159**		ug/L			2198543	2189468	0	Standard
[	**Tl**	**205**	**0.001**	ug/L	0.000	11	100	151	3	Standard
[	**Pb**	**208**	**0.041**	ug/L	0.000	0	992	5271	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:46:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1163577	1209183	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.001	51	5	14	32	Standard
	C	**13**		ug/L			21889	47647	0	Standard
	Cl	**37**		ug/L			7597445	7237195	0	Standard
⌈>	**Sc**	**45**		ug/L			1291432	1453086	0	Standard
⌈	**Na**	**23**	**991.991**	ug/L	11.720	1	61509	27221347	0	Standard
⌈	**Mg**	**24**	**1250.578**	ug/L	10.931	0	7383	40516283	0	Standard
⌈	**Al**	**27**	**3.788**	ug/L	0.034	0	16408	132177	0	Standard
⌈	**K**	**39**	**651.819**	ug/L	6.433	0	1207721	22109480	0	Standard
⌈	**Ca**	**44**	**9997.520**	ug/L	82.380	0	10019	12871438	0	Standard
⌈	**V**	**51**	**0.030**	ug/L	0.003	10	5630	7380	1	Standard
⌈	**V-1**	**51**	**0.065**	ug/L	0.001	2	223	2561	1	Standard
⌈	**Cr**	**52**	**0.146**	ug/L	0.007	4	16691	23299	1	Standard
⌈	**Cr**	**53**	**0.254**	ug/L	0.003	1	156	1091	1	Standard
⌈	**Fe**	**54**	**0.462**	ug/L	0.376	81	98188	111853	1	Standard
⌈	**Fe**	**57**	**16.087**	ug/L	0.548	3	22985	42955	0	Standard
⌊	**Mn**	**55**	**1.527**	ug/L	0.009	0	3055	74122	1	Standard
⌈>	**Ge**	**72**		ug/L			77165	70577	0	KED
⌈	**Co**	**59**	**0.100**	ug/L	0.007	7	5	460	6	KED
⌈	**Ni**	**60**	**0.160**	ug/L	0.039	24	38	240	20	KED
⌈	**Ni**	**62**	**0.138**	ug/L	0.072	51	12	40	37	KED
⌈	**Cu**	**63**	**0.194**	ug/L	0.007	3	214	913	3	KED
⌈	**Cu**	**65**	**0.183**	ug/L	0.018	9	111	437	8	KED
⌈	**Zn**	**66**	**10.060**	ug/L	0.358	3	338	5948	3	KED
⌈	**Zn**	**67**	**9.895**	ug/L	0.336	3	60	961	3	KED
⌈	**As**	**75**	**0.017**	ug/L	0.009	53	3	7	32	KED
⌊	**Se**	**78**	**0.083**	ug/L	0.052	62	10	12	14	KED
	Y	**89**		ug/L			624922	680190	0	Standard
	Kr	**83**		ug/L			255	257	9	Standard
⌈>	**In-1**	**115**		ug/L			23929	22417	1	KED
⌈	**Mo**	**98**	**0.381**	ug/L	0.019	5	13	594	5	KED
⌈	**Cd**	**111**	**0.080**	ug/L	0.014	17	1	30	17	KED
⌊	**Cd**	**114**	**0.065**	ug/L	0.013	20	4	65	19	KED
⌈>	**In**	**115**		ug/L			1299773	1388424	0	Standard
⌈	**Ag**	**107**	**-0.000**	ug/L	0.000	182	58	58	13	Standard
⌈	**Ba**	**135**	**6.012**	ug/L	0.061	1	126	51387	1	Standard
⌊	**Ba**	**137**	**5.823**	ug/L	0.056	0	219	89143	1	Standard
⌈>	**Tb**	**159**		ug/L			2198543	2318630	1	Standard
⌈	**Tl**	**205**	**0.008**	ug/L	0.000	1	100	789	0	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.001	15	992	646	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-07
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 01:51:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1206129	1	Standard
[	**Be**	**9**	**0.002**	ug/L	0.001	51	5	20	39	Standard
	C	**13**		ug/L			21889	52564	1	Standard
	Cl	**37**		ug/L			7597445	7221210	1	Standard
[>	**Sc**	**45**		ug/L			1291432	1428427	0	Standard
[	**Na**	**23**	**681.089**	ug/L	7.235	1	61509	18394057	1	Standard
[	**Mg**	**24**	**395.496**	ug/L	7.560	1	7383	12600301	1	Standard
[	**Al**	**27**	**45.142**	ug/L	0.395	0	16408	1350162	0	Standard
[	**K**	**39**	**453.926**	ug/L	11.461	2	1207721	15539884	1	Standard
[	**Ca**	**44**	**4491.325**	ug/L	44.518	0	10019	5690489	1	Standard
[	**V**	**51**	**0.251**	ug/L	0.003	1	5630	14921	1	Standard
[	**V-1**	**51**	**0.278**	ug/L	0.002	0	223	9971	1	Standard
[	**Cr**	**52**	**0.209**	ug/L	0.007	3	16691	24795	1	Standard
[	**Cr**	**53**	**0.295**	ug/L	0.002	0	156	1218	1	Standard
[	**Fe**	**54**	**13.471**	ug/L	0.383	2	98188	147991	0	Standard
[	**Fe**	**57**	**14.668**	ug/L	0.903	6	22985	40742	1	Standard
[	**Mn**	**55**	**0.680**	ug/L	0.014	2	3055	34328	1	Standard
[>	**Ge**	**72**		ug/L			77165	74165	0	KED
[	**Co**	**59**	**0.040**	ug/L	0.002	5	5	197	5	KED
[	**Ni**	**60**	**0.223**	ug/L	0.021	9	38	338	7	KED
[	**Ni**	**62**	**0.175**	ug/L	0.032	18	12	50	14	KED
[	**Cu**	**63**	**3.237**	ug/L	0.035	1	214	12757	0	KED
[	**Cu**	**65**	**3.184**	ug/L	0.055	1	111	6238	2	KED
[	**Zn**	**66**	**64.300**	ug/L	0.247	0	338	38200	0	KED
[	**Zn**	**67**	**59.644**	ug/L	1.204	2	60	5794	2	KED
[	**As**	**75**	**0.183**	ug/L	0.006	3	3	56	3	KED
[	**Se**	**78**	**0.019**	ug/L	0.097	501	10	10	31	KED
	Y	**89**		ug/L			624922	675722	2	Standard
	Kr	**83**		ug/L			255	275	2	Standard
[>	**In-1**	**115**		ug/L			23929	23428	0	KED
[	**Mo**	**98**	**0.466**	ug/L	0.011	2	13	756	2	KED
[	**Cd**	**111**	**0.331**	ug/L	0.009	2	1	126	2	KED
[	**Cd**	**114**	**0.310**	ug/L	0.011	3	4	308	3	KED
[>	**In**	**115**		ug/L			1299773	1378522	0	Standard
[	**Ag**	**107**	**0.005**	ug/L	0.000	10	58	158	6	Standard
[	**Ba**	**135**	**5.250**	ug/L	0.019	0	126	44568	0	Standard
[	**Ba**	**137**	**5.147**	ug/L	0.075	1	219	78262	1	Standard
[>	**Tb**	**159**		ug/L			2198543	2328364	0	Standard
[	**Tl**	**205**	**0.003**	ug/L	0.000	4	100	373	2	Standard
[	**Pb**	**208**	**0.021**	ug/L	0.000	2	992	3386	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-08
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 01:57:56

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1163577	1195639	1	Standard
[	**Be**	**9**	**0.003**	ug/L	0.001	39	5	24	31	Standard
	C	**13**		ug/L			21889	55107	1	Standard
	Cl	**37**		ug/L			7597445	7206974	0	Standard
[>	**Sc**	**45**		ug/L			1291432	1390266	1	Standard
[	**Na**	**23**	**680.413**	ug/L	8.121	1	61509	17883099	0	Standard
[	**Mg**	**24**	**414.423**	ug/L	10.727	2	7383	12851409	3	Standard
[	**Al**	**27**	**12.366**	ug/L	0.276	2	16408	372735	0	Standard
[	**K**	**39**	**468.515**	ug/L	6.461	1	1207721	15569327	1	Standard
[	**Ca**	**44**	**4925.370**	ug/L	64.962	1	10019	6072619	1	Standard
[	**V**	**51**	**0.180**	ug/L	0.007	4	5630	12127	1	Standard
[	**V-1**	**51**	**0.200**	ug/L	0.003	1	223	7065	2	Standard
[	**Cr**	**52**	**0.083**	ug/L	0.013	15	16691	20420	2	Standard
[	**Cr**	**53**	**0.151**	ug/L	0.013	8	156	688	7	Standard
[	**Fe**	**54**	**9.114**	ug/L	1.212	13	98188	131626	2	Standard
[	**Fe**	**57**	**10.440**	ug/L	0.477	4	22985	35353	0	Standard
[	**Mn**	**55**	**1.952**	ug/L	0.030	1	3055	89704	0	Standard
[>	**Ge**	**72**		ug/L			77165	72494	2	KED
[	**Co**	**59**	**0.016**	ug/L	0.001	7	5	77	5	KED
[	**Ni**	**60**	**0.193**	ug/L	0.015	7	38	290	4	KED
[	**Ni**	**62**	**0.237**	ug/L	0.023	9	12	62	6	KED
[	**Cu**	**63**	**8.283**	ug/L	0.137	1	214	31590	1	KED
[	**Cu**	**65**	**8.235**	ug/L	0.096	1	111	15607	3	KED
[	**Zn**	**66**	**58.929**	ug/L	1.277	2	338	34235	0	KED
[	**Zn**	**67**	**54.983**	ug/L	0.685	1	60	5225	1	KED
[	**As**	**75**	**0.098**	ug/L	0.010	10	3	30	8	KED
[	**Se**	**78**	**0.129**	ug/L	0.074	57	10	13	19	KED
	Y	**89**		ug/L			624922	660808	2	Standard
	Kr	**83**		ug/L			255	276	2	Standard
[>	**In-1**	**115**		ug/L			23929	23368	1	KED
[	**Mo**	**98**	**0.743**	ug/L	0.041	5	13	1195	4	KED
[	**Cd**	**111**	**0.444**	ug/L	0.003	0	1	169	0	KED
[	**Cd**	**114**	**0.420**	ug/L	0.020	4	4	415	5	KED
[>	**In**	**115**		ug/L			1299773	1348388	0	Standard
[	**Ag**	**107**	**0.001**	ug/L	0.000	8	58	83	2	Standard
[	**Ba**	**135**	**3.547**	ug/L	0.064	1	126	29491	1	Standard
[	**Ba**	**137**	**3.447**	ug/L	0.029	0	219	51331	0	Standard
[>	**Tb**	**159**		ug/L			2198543	2293738	0	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.000	2	100	509	1	Standard
[	**Pb**	**208**	**0.012**	ug/L	0.000	4	992	2314	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, June 29, 2021 11:04:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1163577	1268385	7	Standard
⌊	**Be**	**9**	**-0.000**	ug/L	0.000	112	5	3	69	Standard
	C	**13**		ug/L			21889	22315	1	Standard
	Cl	**37**		ug/L			7597445	7531489	1	Standard
⌈>	**Sc**	**45**		ug/L			1291432	1400914	7	Standard
⌈	**Na**	**23**	**-0.598**	ug/L	0.068	11	61509	50855	3	Standard
⌈	**Mg**	**24**	**0.106**	ug/L	0.020	19	7383	11275	1	Standard
⌈	**Al**	**27**	**-0.025**	ug/L	0.031	123	16408	17038	4	Standard
⌈	**K**	**39**	**-2.883**	ug/L	2.077	72	1207721	1218588	2	Standard
⌈	**Ca**	**44**	**1.532**	ug/L	0.677	44	10019	12729	1	Standard
⌈	**V**	**51**	**-0.000**	ug/L	0.013	29870	5630	6085	0	Standard
⌈	**V-1**	**51**	**-0.002**	ug/L	0.000	24	223	177	7	Standard
⌈	**Cr**	**52**	**0.002**	ug/L	0.039	1659	16691	18120	1	Standard
⌈	**Cr**	**53**	**-0.004**	ug/L	0.001	32	156	158	9	Standard
⌈	**Fe**	**54**	**-2.536**	ug/L	3.653	144	98188	98736	2	Standard
⌈	**Fe**	**57**	**-8.378**	ug/L	1.149	13	22985	16295	1	Standard
⌊	**Mn**	**55**	**-0.030**	ug/L	0.003	9	3055	1990	5	Standard
⌈>	**Ge**	**72**		ug/L			77165	85475	2	KED
⌈	**Co**	**59**	**-0.000**	ug/L	0.001	553	5	5	57	KED
⌈	**Ni**	**60**	**0.025**	ug/L	0.017	67	38	80	30	KED
⌈	**Ni**	**62**	**-0.000**	ug/L	0.020	16269	12	13	37	KED
⌈	**Cu**	**63**	**0.024**	ug/L	0.004	16	214	344	4	KED
⌈	**Cu**	**65**	**0.018**	ug/L	0.010	56	111	163	12	KED
⌈	**Zn**	**66**	**0.152**	ug/L	0.088	57	338	477	11	KED
⌈	**Zn**	**67**	**0.111**	ug/L	0.092	82	60	80	14	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.003	702	3	3	31	KED
⌊	**Se**	**78**	**-0.023**	ug/L	0.017	71	10	10	5	KED
	Y	**89**		ug/L			624922	751016	7	Standard
	Kr	**83**		ug/L			255	309	7	Standard
⌈>	**In-1**	**115**		ug/L			23929	31506	1	KED
⌈	**Mo**	**98**	**-0.005**	ug/L	0.001	20	13	7	28	KED
⌈	**Cd**	**111**	**-0.002**	ug/L	0.001	70	1	1	43	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	151	4	3	99	KED
⌈>	**In**	**115**		ug/L			1299773	1491455	5	Standard
⌈	**Ag**	**107**	**-0.001**	ug/L	0.001	70	58	48	25	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.003	1133	126	141	18	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.003	155	219	284	17	Standard
⌈>	**Tb**	**159**		ug/L			2198543	2439841	6	Standard
⌈	**Tl**	**205**	**-0.001**	ug/L	0.000	33	100	67	26	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	8	992	1556	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 11:15:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				24384	3	Standard
	Cl	**37**		ug/L				7930059	0	Standard
⎡>	**Sc**	**45**		ug/L				1558544	0	Standard
⎢	**Na**	**23**		ug/L				36347	1	Standard
⎢	**Mg**	**24**		ug/L				6644	3	Standard
⎢	**Al**	**27**		ug/L				13638	2	Standard
⎢	**K**	**39**		ug/L				1239868	0	Standard
⎢	**Ca**	**44**		ug/L				7270	1	Standard
⎢	**Fe**	**54**		ug/L				107805	3	Standard
⎢	**Fe**	**57**		ug/L				18409	1	Standard
⎣	**Mn**	**55**		ug/L				2213	2	Standard
⎡>	**Ge**	**72**		ug/L				94306	1	KED
⎢	**Cu**	**63**		ug/L				152	14	KED
⎢	**Cu**	**65**		ug/L				74	15	KED
⎢	**Zn**	**66**		ug/L				429	6	KED
⎣	**Zn**	**67**		ug/L				61	6	KED
	Y	**89**		ug/L				811854	1	Standard
	Kr	**83**		ug/L				359	5	Standard
⎡>	**In-1**	**115**		ug/L				30232	0	KED
⎢	**Cd**	**111**		ug/L				3	83	KED
⎣	**Cd**	**114**		ug/L				4	23	KED
⎡>	**Tb**	**159**		ug/L				2638391	1	Standard
⎣	**Pb**	**208**		ug/L				1025	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 11:19:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24565	0	Standard
	Cl	**37**		ug/L			7930059	8522240	0	Standard
>	**Sc**	**45**		ug/L			1558544	1516420	1	Standard
	Na	**23**	**4402.775**	ug/L	27.933	0	36347	125797993	0	Standard
	Mg	**24**	**4631.151**	ug/L	47.694	1	6644	156556946	1	Standard
	Al	**27**	**4706.508**	ug/L	23.301	0	13638	147443077	0	Standard
	K	**39**	**5043.977**	ug/L	38.569	0	1239868	168792176	1	Standard
	Ca	**44**	**4753.653**	ug/L	101.711	2	7270	6387594	1	Standard
	Fe	**54**	**4597.017**	ug/L	81.865	1	107805	14374013	0	Standard
	Fe	**57**	**4813.090**	ug/L	86.502	1	18409	5354700	1	Standard
	Mn	**55**	**45.253**	ug/L	0.292	0	2213	2188015	0	Standard
>	**Ge**	**72**		ug/L			94306	94482	0	KED
	Cu	**63**	**49.891**	ug/L	0.390	0	152	246613	0	KED
	Cu	**65**	**50.057**	ug/L	0.408	0	74	122876	0	KED
	Zn	**66**	**51.113**	ug/L	0.206	0	429	38785	0	KED
	Zn	**67**	**48.850**	ug/L	0.729	1	61	6046	1	KED
	Y	**89**		ug/L			811854	806375	2	Standard
	Kr	**83**		ug/L			359	340	10	Standard
>	**In-1**	**115**		ug/L			30232	29698	1	KED
	Cd	**111**	**48.800**	ug/L	0.945	1	3	23408	0	KED
	Cd	**114**	**49.325**	ug/L	0.256	0	4	61440	0	KED
>	**Tb**	**159**		ug/L			2638391	2645883	0	Standard
	Pb	**208**	**54.339**	ug/L	0.112	0	1025	6867236	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 11:26:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24543	1	Standard
	Cl	**37**		ug/L			7930059	8120874	1	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1531257	0	Standard
|	**Na**	**23**	**0.059**	ug/L	0.007	12	36347	37399	1	Standard
|	**Mg**	**24**	**0.044**	ug/L	0.006	12	6644	8038	3	Standard
|	**Al**	**27**	**0.056**	ug/L	0.012	21	13638	15159	3	Standard
|	**K**	**39**	**2.055**	ug/L	0.346	16	1239868	1287017	0	Standard
|	**Ca**	**44**	**0.074**	ug/L	0.070	94	7270	7243	0	Standard
|	**Fe**	**54**	**-0.107**	ug/L	0.493	462	107805	105579	1	Standard
|	**Fe**	**57**	**4.762**	ug/L	0.581	12	18409	23415	1	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	144	2213	2154	1	Standard
⌈>	**Ge**	**72**		ug/L			94306	92643	2	KED
|	**Cu**	**63**	**0.004**	ug/L	0.001	30	152	169	5	KED
|	**Cu**	**65**	**0.004**	ug/L	0.006	147	74	83	18	KED
|	**Zn**	**66**	**-0.023**	ug/L	0.041	180	429	405	5	KED
⌊	**Zn**	**67**	**0.040**	ug/L	0.069	172	61	65	14	KED
	Y	**89**		ug/L			811854	793071	0	Standard
	Kr	**83**		ug/L			359	323	9	Standard
⌈>	**In-1**	**115**		ug/L			30232	30188	2	KED
|	**Cd**	**111**	**0.002**	ug/L	0.009	427	3	4	96	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	309	4	2	135	KED
⌈>	**Tb**	**159**		ug/L			2638391	2588262	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	36	1025	1134	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-09
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:00:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	58218	1	Standard
	Cl	**37**		ug/L			7930059	7569106	0	Standard
>	**Sc**	**45**		ug/L			1558544	1560019	1	Standard
	Na	**23**	**1042.421**	ug/L	29.330	2	36347	30662440	1	Standard
	Mg	**24**	**1346.160**	ug/L	26.025	1	6644	46813454	1	Standard
	Al	**27**	**9.544**	ug/L	0.178	1	13638	321178	0	Standard
	K	**39**	**714.500**	ug/L	13.650	1	1239868	25657733	0	Standard
	Ca	**44**	**8105.805**	ug/L	134.734	1	7270	11200227	0	Standard
	Fe	**54**	**4.220**	ug/L	0.546	12	107805	121368	0	Standard
	Fe	**57**	**16.811**	ug/L	1.036	6	18409	37596	2	Standard
	Mn	**55**	**7.713**	ug/L	0.064	0	2213	385519	1	Standard
>	**Ge**	**72**		ug/L			94306	85224	0	KED
	Cu	**63**	**1.328**	ug/L	0.040	3	152	6054	2	KED
	Cu	**65**	**1.309**	ug/L	0.049	3	74	2963	3	KED
	Zn	**66**	**47.750**	ug/L	0.451	0	429	32707	0	KED
	Zn	**67**	**45.979**	ug/L	0.336	0	61	5136	1	KED
	Y	**89**		ug/L			811854	799367	0	Standard
	Kr	**83**		ug/L			359	325	13	Standard
>	**In-1**	**115**		ug/L			30232	29906	0	KED
	Cd	**111**	**0.392**	ug/L	0.014	3	3	192	3	KED
	Cd	**114**	**0.401**	ug/L	0.016	4	4	506	4	KED
>	**Tb**	**159**		ug/L			2638391	2594367	0	Standard
	Pb	**208**	**-0.001**	ug/L	0.000	14	1025	843	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-10
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:04:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	57598	0	Standard
	Cl	**37**		ug/L			7930059	7934313	0	Standard
>	**Sc**	**45**		ug/L			1558544	1600347	0	Standard
	Na	**23**	**4377.277**	ug/L	21.685	0	36347	131994851	1	Standard
	Mg	**24**	**5729.725**	ug/L	82.075	1	6644	204397169	1	Standard
	Al	**27**	**28.379**	ug/L	0.525	1	13638	952090	0	Standard
	K	**39**	**1874.425**	ug/L	12.040	0	1239868	66994877	1	Standard
	Ca	**44**	**44756.243**	ug/L	1110.384	2	7270	63405014	1	Standard
	Fe	**54**	**32.911**	ug/L	1.300	3	107805	218490	0	Standard
	Fe	**57**	**148.678**	ug/L	2.157	1	18409	192886	0	Standard
	Mn	**55**	**52.934**	ug/L	0.515	0	2213	2700670	0	Standard
>	**Ge**	**72**		ug/L			94306	86258	0	KED
	Cu	**63**	**0.405**	ug/L	0.006	1	152	1964	1	KED
	Cu	**65**	**0.405**	ug/L	0.004	1	74	975	0	KED
	Zn	**66**	**0.792**	ug/L	0.036	4	429	935	2	KED
	Zn	**67**	**3.418**	ug/L	0.363	10	61	438	9	KED
	Y	**89**		ug/L			811854	757361	1	Standard
	Kr	**83**		ug/L			359	317	0	Standard
>	**In-1**	**115**		ug/L			30232	27289	0	KED
	Cd	**111**	**0.015**	ug/L	0.006	41	3	9	27	KED
	Cd	**114**	**0.010**	ug/L	0.007	71	4	15	53	KED
>	**Tb**	**159**		ug/L			2638391	2503042	0	Standard
	Pb	**208**	**0.018**	ug/L	0.000	2	1025	3139	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-13
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:08:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	59133	0	Standard
	Cl	37		ug/L			7930059	7806034	1	Standard
>	Sc	45		ug/L			1558544	1529762	2	Standard
	Na	23	2655.242	ug/L	41.176	1	36347	76532671	0	Standard
	Mg	24	4071.023	ug/L	45.692	1	6644	138809869	1	Standard
	Al	27	4.650	ug/L	0.139	2	13638	160252	0	Standard
	K	39	2049.963	ug/L	18.030	0	1239868	69916298	1	Standard
	Ca	44	37059.316	ug/L	261.138	0	7270	50199820	2	Standard
	Fe	54	4.243	ug/L	0.875	20	107805	119062	0	Standard
	Fe	57	98.609	ug/L	2.499	2	18409	128341	0	Standard
	Mn	55	1.981	ug/L	0.045	2	2213	98698	0	Standard
>	Ge	72		ug/L			94306	85638	0	KED
	Cu	63	0.182	ug/L	0.007	4	152	952	3	KED
	Cu	65	0.187	ug/L	0.012	6	74	483	5	KED
	Zn	66	0.079	ug/L	0.015	18	429	443	2	KED
	Zn	67	1.469	ug/L	0.206	14	61	219	10	KED
	Y	89		ug/L			811854	740622	1	Standard
	Kr	83		ug/L			359	320	14	Standard
>	In-1	115		ug/L			30232	27316	1	KED
	Cd	111	0.007	ug/L	0.006	88	3	6	45	KED
	Cd	114	0.013	ug/L	0.004	27	4	18	20	KED
>	Tb	159		ug/L			2638391	2429792	0	Standard
	Pb	208	0.005	ug/L	0.000	5	1025	1485	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-11
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:13:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	47063	0	Standard
	Cl	**37**		ug/L			7930059	7893025	1	Standard
>	**Sc**	**45**		ug/L			1558544	1429398	0	Standard
	Na	**23**	**493.598**	ug/L	4.979	1	36347	13323840	0	Standard
	Mg	**24**	**1407.597**	ug/L	11.145	0	6644	44856953	0	Standard
	Al	**27**	**11.758**	ug/L	0.147	1	13638	359694	1	Standard
	K	**39**	**308.834**	ug/L	2.904	0	1239868	10808704	0	Standard
	Ca	**44**	**8640.239**	ug/L	19.042	0	7270	10940007	0	Standard
	Fe	**54**	**496.182**	ug/L	5.823	1	107805	1550802	1	Standard
	Fe	**57**	**534.619**	ug/L	5.855	1	18409	575715	1	Standard
	Mn	**55**	**92.051**	ug/L	1.865	2	2213	4193402	1	Standard
>	**Ge**	**72**		ug/L			94306	86564	0	KED
	Cu	**63**	**1.771**	ug/L	0.006	0	152	8155	0	KED
	Cu	**65**	**1.783**	ug/L	0.008	0	74	4076	0	KED
	Zn	**66**	**215.368**	ug/L	1.338	0	429	148463	0	KED
	Zn	**67**	**199.783**	ug/L	4.510	2	61	22480	2	KED
	Y	**89**		ug/L			811854	744584	1	Standard
	Kr	**83**		ug/L			359	328	16	Standard
>	**In-1**	**115**		ug/L			30232	26821	0	KED
	Cd	**111**	**2.163**	ug/L	0.042	1	3	940	2	KED
	Cd	**114**	**2.116**	ug/L	0.053	2	4	2384	1	KED
>	**Tb**	**159**		ug/L			2638391	2464628	1	Standard
	Pb	**208**	**-0.005**	ug/L	0.000	3	1025	419	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-14
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:17:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	46813	0	Standard
	Cl	**37**		ug/L			7930059	7700712	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1468203	0	Standard
|	**Na**	**23**	**478.141**	ug/L	9.947	2	36347	13256691	1	Standard
|	**Mg**	**24**	**1382.424**	ug/L	11.942	0	6644	45249091	0	Standard
|	**Al**	**27**	**156.559**	ug/L	2.117	1	13638	4760784	0	Standard
|	**K**	**39**	**190.146**	ug/L	3.383	1	1239868	7283724	0	Standard
|	**Ca**	**44**	**7780.205**	ug/L	186.082	2	7270	10117617	1	Standard
|	**Fe**	**54**	**1404.559**	ug/L	25.105	1	107805	4322688	0	Standard
|	**Fe**	**57**	**1663.286**	ug/L	35.175	2	18409	1802915	1	Standard
⌊	**Mn**	**55**	**101.402**	ug/L	1.325	1	2213	4744275	0	Standard
⌈>	**Ge**	**72**		ug/L			94306	85963	0	KED
|	**Cu**	**63**	**1.199**	ug/L	0.033	2	152	5526	2	KED
|	**Cu**	**65**	**1.194**	ug/L	0.026	2	74	2734	2	KED
|	**Zn**	**66**	**18.539**	ug/L	0.192	1	429	13049	1	KED
⌊	**Zn**	**67**	**17.849**	ug/L	0.794	4	61	2045	4	KED
	Y	**89**		ug/L			811854	777993	2	Standard
	Kr	**83**		ug/L			359	283	8	Standard
⌈>	**In-1**	**115**		ug/L			30232	27012	0	KED
|	**Cd**	**111**	**0.146**	ug/L	0.018	12	3	66	10	KED
⌊	**Cd**	**114**	**0.143**	ug/L	0.014	9	4	165	9	KED
⌈>	**Tb**	**159**		ug/L			2638391	2471753	0	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	6	1025	667	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-18
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:20:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	43587	1	Standard
	Cl	**37**		ug/L			7930059	7403011	1	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1485642	0	Standard
|	**Na**	**23**	**545.559**	ug/L	5.862	1	36347	15302592	1	Standard
|	**Mg**	**24**	**1774.248**	ug/L	15.311	0	6644	58766921	1	Standard
|	**Al**	**27**	**707.500**	ug/L	14.648	2	13638	21727868	2	Standard
|	**K**	**39**	**926.284**	ug/L	4.155	0	1239868	31332098	1	Standard
|	**Ca**	**44**	**10865.630**	ug/L	84.274	0	7270	14296738	0	Standard
|	**Fe**	**54**	**8285.840**	ug/L	69.345	0	107805	25302321	0	Standard
|	**Fe**	**57**	**8924.710**	ug/L	41.705	0	18409	9713698	1	Standard
⌊	**Mn**	**55**	**104.399**	ug/L	1.364	1	2213	4942802	1	Standard
⌈>	**Ge**	**72**		ug/L			94306	84850	0	KED
|	**Cu**	**63**	**12.468**	ug/L	0.006	0	152	55452	0	KED
|	**Cu**	**65**	**12.414**	ug/L	0.110	0	74	27417	0	KED
|	**Zn**	**66**	**120.800**	ug/L	0.948	0	429	81794	1	KED
⌊	**Zn**	**67**	**115.899**	ug/L	1.822	1	61	12807	1	KED
	Y	**89**		ug/L			811854	813887	1	Standard
	Kr	**83**		ug/L			359	338	4	Standard
⌈>	**In-1**	**115**		ug/L			30232	26954	1	KED
|	**Cd**	**111**	**0.887**	ug/L	0.067	7	3	388	6	KED
⌊	**Cd**	**114**	**0.869**	ug/L	0.035	4	4	986	4	KED
⌈>	**Tb**	**159**		ug/L			2638391	2483175	2	Standard
⌊	**Pb**	**208**	**0.039**	ug/L	0.000	0	1025	5567	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-DUP2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:24:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	44395	1	Standard
	Cl	37		ug/L			7930059	7337639	1	Standard
>	Sc	45		ug/L			1558544	1480238	1	Standard
	Na	23	549.433	ug/L	11.516	2	36347	15352118	1	Standard
	Mg	24	1772.947	ug/L	4.754	0	6644	58508145	1	Standard
	Al	27	706.847	ug/L	13.996	1	13638	21623585	1	Standard
	K	39	947.130	ug/L	15.909	1	1239868	31888895	0	Standard
	Ca	44	10844.924	ug/L	133.189	1	7270	14216686	0	Standard
	Fe	54	8429.103	ug/L	111.409	1	107805	25641752	0	Standard
	Fe	57	9085.559	ug/L	40.846	0	18409	9852078	1	Standard
	Mn	55	106.541	ug/L	1.039	0	2213	5025380	0	Standard
>	Ge	72		ug/L			94306	84013	0	KED
	Cu	63	12.575	ug/L	0.158	1	152	55371	0	KED
	Cu	65	12.498	ug/L	0.292	2	74	27327	1	KED
	Zn	66	121.109	ug/L	1.333	1	429	81190	0	KED
	Zn	67	113.857	ug/L	0.695	0	61	12457	0	KED
	Y	89		ug/L			811854	818759	1	Standard
	Kr	83		ug/L			359	343	2	Standard
>	In-1	115		ug/L			30232	26568	0	KED
	Cd	111	0.888	ug/L	0.037	4	3	384	4	KED
	Cd	114	0.900	ug/L	0.024	2	4	1006	2	KED
>	Tb	159		ug/L			2638391	2504932	0	Standard
	Pb	208	0.037	ug/L	0.001	2	1025	5418	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-MS2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:29:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13			ug/L			24384	42469	1	Standard
	Cl	37			ug/L			7930059	7370126	0	Standard
>	Sc	45			ug/L			1558544	1534524	1	Standard
	Na	23		922.330	ug/L	18.550	2	36347	26692944	1	Standard
	Mg	24		2163.972	ug/L	33.488	1	6644	74029817	1	Standard
	Al	27		1126.141	ug/L	24.910	2	13638	35705637	1	Standard
	K	39		1411.395	ug/L	16.151	1	1239868	48667789	0	Standard
	Ca	44		11333.377	ug/L	243.654	2	7270	15402908	2	Standard
	Fe	54	STL	8734.531	ug/L	106.274	1	107805	27542804	0	Standard
	Fe	57		9297.345	ug/L	144.760	1	18409	10450768	1	Standard
	Mn	55		105.561	ug/L	0.575	0	2213	5162292	1	Standard
>	Ge	72			ug/L			94306	83068	1	KED
	Cu	63		14.919	ug/L	0.274	1	152	64919	0	KED
	Cu	65		15.028	ug/L	0.394	2	74	32475	2	KED
	Zn	66	STL	128.406	ug/L	3.253	2	429	85072	0	KED
	Zn	67		121.072	ug/L	2.223	1	61	13092	0	KED
	Y	89			ug/L			811854	827924	0	Standard
	Kr	83			ug/L			359	352	7	Standard
>	In-1	115			ug/L			30232	26956	0	KED
	Cd	111		3.410	ug/L	0.032	0	3	1487	0	KED
	Cd	114		3.397	ug/L	0.026	0	4	3844	0	KED
>	Tb	159			ug/L			2638391	2544606	0	Standard
	Pb	208		3.020	ug/L	0.025	0	1025	368016	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-MSD2
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:34:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13			ug/L			24384	42676	2	Standard
	Cl	37			ug/L			7930059	7343392	0	Standard
>	Sc	45			ug/L			1558544	1525052	0	Standard
	Na	23		917.062	ug/L	6.200	0	36347	26380858	0	Standard
	Mg	24		2127.874	ug/L	24.337	1	6644	72346091	1	Standard
	Al	27		1120.041	ug/L	16.206	1	13638	35299135	1	Standard
	K	39		1403.067	ug/L	20.117	1	1239868	48093155	1	Standard
	Ca	44		11243.356	ug/L	226.522	2	7270	15186820	2	Standard
	Fe	54	STL	8566.624	ug/L	60.750	0	107805	26850823	0	Standard
	Fe	57		9257.942	ug/L	44.738	0	18409	10342789	0	Standard
	Mn	55		102.544	ug/L	0.741	0	2213	4983842	0	Standard
>	Ge	72			ug/L			94306	81385	1	KED
	Cu	63		14.933	ug/L	0.183	1	152	63667	0	KED
	Cu	65		14.958	ug/L	0.286	1	74	31668	0	KED
	Zn	66	STL	126.306	ug/L	1.725	1	429	82007	1	KED
	Zn	67		118.042	ug/L	0.867	0	61	12508	0	KED
	Y	89			ug/L			811854	812876	2	Standard
	Kr	83			ug/L			359	326	10	Standard
>	In-1	115			ug/L			30232	26715	0	KED
	Cd	111		3.380	ug/L	0.071	2	3	1461	2	KED
	Cd	114		3.405	ug/L	0.092	2	4	3819	2	KED
>	Tb	159			ug/L			2638391	2521319	1	Standard
	Pb	208		3.023	ug/L	0.038	1	1025	364964	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:41:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23838	1	Standard
	Cl	**37**		ug/L			7930059	7926573	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1495776	0	Standard
|	**Na**	**23**	**0.610**	ug/L	0.021	3	36347	52084	1	Standard
|	**Mg**	**24**	**0.186**	ug/L	0.005	2	6644	12574	2	Standard
|	**Al**	**27**	**0.142**	ug/L	0.003	2	13638	17488	1	Standard
|	**K**	**39**	**2.361**	ug/L	0.238	10	1239868	1267269	0	Standard
|	**Ca**	**44**	**5.094**	ug/L	0.297	5	7270	13724	3	Standard
|	**Fe**	**54**	**-2.553**	ug/L	0.480	18	107805	95641	1	Standard
|	**Fe**	**57**	**-3.576**	ug/L	0.144	4	18409	13755	0	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	158	2213	2105	1	Standard
⌈>	**Ge**	**72**		ug/L			94306	82017	3	KED
|	**Cu**	**63**	**0.040**	ug/L	0.003	7	152	304	1	KED
|	**Cu**	**65**	**0.043**	ug/L	0.010	22	74	157	14	KED
|	**Zn**	**66**	**0.128**	ug/L	0.074	57	429	456	7	KED
⌊	**Zn**	**67**	**0.158**	ug/L	0.048	30	61	70	9	KED
	Y	**89**		ug/L			811854	769137	1	Standard
	Kr	**83**		ug/L			359	311	9	Standard
⌈>	**In-1**	**115**		ug/L			30232	27693	1	KED
|	**Cd**	**111**	**-0.005**	ug/L	0.002	41	3	0	100	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	301	4	4	49	KED
⌈>	**Tb**	**159**		ug/L			2638391	2508382	0	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.000	3	1025	1842	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:46:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24021	1	Standard
	Cl	**37**		ug/L			7930059	7943539	1	Standard
>	**Sc**	**45**		ug/L			1558544	1473387	2	Standard
	Na	**23**	**4190.048**	ug/L	34.302	0	36347	116312292	1	Standard
	Mg	**24**	**4476.376**	ug/L	50.705	1	6644	147051108	3	Standard
	Al	**27**	**4461.273**	ug/L	38.775	0	13638	135798101	2	Standard
	K	**39**	**4980.780**	ug/L	37.233	0	1239868	161954184	2	Standard
	Ca	**44**	**4776.594**	ug/L	31.459	0	7270	6237286	2	Standard
	Fe	**54**	**4599.261**	ug/L	38.608	0	107805	13972653	1	Standard
	Fe	**57**	**4884.729**	ug/L	26.262	0	18409	5280161	2	Standard
	Mn	**55**	**44.229**	ug/L	0.644	1	2213	2077864	2	Standard
>	**Ge**	**72**		ug/L			94306	85188	1	KED
	Cu	**63**	**49.751**	ug/L	0.653	1	152	221722	1	KED
	Cu	**65**	**50.095**	ug/L	0.670	1	74	110872	1	KED
	Zn	**66**	**51.169**	ug/L	0.096	0	429	35007	0	KED
	Zn	**67**	**51.376**	ug/L	1.208	2	61	5731	3	KED
	Y	**89**		ug/L			811854	756671	2	Standard
	Kr	**83**		ug/L			359	336	6	Standard
>	**In-1**	**115**		ug/L			30232	27334	2	KED
	Cd	**111**	**49.172**	ug/L	0.690	1	3	21708	1	KED
	Cd	**114**	**50.063**	ug/L	0.574	1	4	57389	1	KED
>	**Tb**	**159**		ug/L			2638391	2479875	1	Standard
	Pb	**208**	**54.815**	ug/L	0.249	0	1025	6492818	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:53:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23970	0	Standard
	Cl	**37**		ug/L			7930059	7555096	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1409414	5	Standard
|	**Na**	**23**	**0.085**	ug/L	0.041	48	36347	35088	2	Standard
|	**Mg**	**24**	**0.022**	ug/L	0.003	14	6644	6705	4	Standard
|	**Al**	**27**	**0.027**	ug/L	0.015	55	13638	13112	2	Standard
|	**K**	**39**	**1.795**	ug/L	1.671	93	1239868	1174901	0	Standard
|	**Ca**	**44**	**0.336**	ug/L	0.079	23	7270	6991	4	Standard
|	**Fe**	**54**	**-0.245**	ug/L	0.701	286	107805	96718	3	Standard
|	**Fe**	**57**	**4.702**	ug/L	0.844	17	18409	21466	1	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	158	2213	2017	5	Standard
⌈>	**Ge**	**72**		ug/L			94306	84370	0	KED
|	**Cu**	**63**	**0.011**	ug/L	0.008	70	152	185	18	KED
|	**Cu**	**65**	**0.004**	ug/L	0.003	72	74	75	8	KED
|	**Zn**	**66**	**0.062**	ug/L	0.045	73	429	426	7	KED
⌊	**Zn**	**67**	**0.036**	ug/L	0.083	228	61	59	14	KED
	Y	**89**		ug/L			811854	713753	6	Standard
	Kr	**83**		ug/L			359	316	5	Standard
⌈>	**In-1**	**115**		ug/L			30232	26490	1	KED
|	**Cd**	**111**	**0.000**	ug/L	0.002	1016	3	3	34	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.001	42	4	0	131	KED
⌈>	**Tb**	**159**		ug/L			2638391	2351194	4	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	9	1025	1233	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-34
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 12:57:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	49593	1	Standard
	Cl	37		ug/L			7930059	7022309	1	Standard
>	Sc	45		ug/L			1558544	1488821	2	Standard
	Na	23	1070.900	ug/L	11.603	1	36347	30073358	3	Standard
	Mg	24	1775.416	ug/L	8.817	0	6644	58931853	2	Standard
	Al	27	5.884	ug/L	0.094	1	13638	194041	3	Standard
	K	39	5185.458	ug/L	105.359	2	1239868	170337626	3	Standard
	Ca	44	37269.598	ug/L	213.543	0	7270	49130702	2	Standard
	Fe	54	4680.298	ug/L	39.988	0	107805	14369449	3	Standard
	Fe	57	5073.246	ug/L	41.285	0	18409	5540997	2	Standard
	Mn	55	129.594	ug/L	1.175	0	2213	6147438	1	Standard
>	Ge	72		ug/L			94306	79331	0	KED
	Cu	63	0.250	ug/L	0.014	5	152	1167	4	KED
	Cu	65	0.253	ug/L	0.032	12	74	584	11	KED
	Zn	66	78.969	ug/L	0.309	0	429	50116	0	KED
	Zn	67	76.028	ug/L	1.101	1	61	7872	1	KED
	Y	89		ug/L			811854	743283	2	Standard
	Kr	83		ug/L			359	349	3	Standard
>	In-1	115		ug/L			30232	25444	0	KED
	Cd	111	0.079	ug/L	0.017	21	3	35	20	KED
	Cd	114	0.059	ug/L	0.008	13	4	66	12	KED
>	Tb	159		ug/L			2638391	2428502	1	Standard
	Pb	208	0.008	ug/L	0.000	5	1025	1832	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-21
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:01:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	49216	1	Standard
	Cl	**37**		ug/L			7930059	7116868	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1453384	0	Standard
|	**Na**	**23**	**794.388**	ug/L	5.890	0	36347	21781348	0	Standard
|	**Mg**	**24**	**689.307**	ug/L	10.306	1	6644	22337735	1	Standard
|	**Al**	**27**	**15.485**	ug/L	0.261	1	13638	477665	2	Standard
|	**K**	**39**	**680.134**	ug/L	9.981	1	1239868	22814415	2	Standard
|	**Ca**	**44**	**6459.748**	ug/L	139.599	2	7270	8317933	2	Standard
|	**Fe**	**54**	**1.467**	ug/L	0.874	59	107805	104880	1	Standard
|	**Fe**	**57**	**12.882**	ug/L	0.255	1	18409	30858	1	Standard
⌊	**Mn**	**55**	**1.305**	ug/L	0.014	1	2213	62498	0	Standard
⌈>	**Ge**	**72**		ug/L			94306	82089	0	KED
|	**Cu**	**63**	**19.682**	ug/L	0.129	0	152	84607	0	KED
|	**Cu**	**65**	**19.809**	ug/L	0.239	1	74	42287	1	KED
|	**Zn**	**66**	**263.292**	ug/L	3.738	1	429	172025	0	KED
⌊	**Zn**	**67**	**246.992**	ug/L	3.476	1	61	26342	1	KED
	Y	**89**		ug/L			811854	720482	0	Standard
	Kr	**83**		ug/L			359	314	10	Standard
⌈>	**In-1**	**115**		ug/L			30232	25838	1	KED
|	**Cd**	**111**	**1.255**	ug/L	0.051	4	3	526	4	KED
⌊	**Cd**	**114**	**1.315**	ug/L	0.108	8	4	1428	8	KED
⌈>	**Tb**	**159**		ug/L			2638391	2368773	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	21	1025	1161	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23
Sample Dil Factor: 2
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:05:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	47634	1	Standard
	Cl	37		ug/L			7930059	7014290	0	Standard
>	Sc	45		ug/L			1558544	1462198	1	Standard
	Na	23	1607.466	ug/L	16.663	1	36347	44304984	0	Standard
	Mg	24	4035.582	ug/L	46.083	1	6644	131530581	0	Standard
	Al	27	869.874	ug/L	18.054	2	13638	26282132	0	Standard
	K	39	2831.029	ug/L	76.406	2	1239868	91832977	1	Standard
	Ca	44	35610.733	ug/L	896.417	2	7270	46092638	1	Standard
	Fe	54	7.320	ug/L	0.700	9	107805	123034	1	Standard
	Fe	57	87.913	ug/L	0.790	0	18409	111267	1	Standard
	Mn	55	2372.903	ug/L	39.568	1	2213	110509123	0	Standard
>	Ge	72		ug/L			94306	74568	0	KED
	Cu	63	18.456	ug/L	0.099	0	152	72078	0	KED
	Cu	65	18.695	ug/L	0.114	0	74	36255	0	KED
	Zn	66	277.764	ug/L	3.040	1	429	164838	0	KED
	Zn	67	263.395	ug/L	3.434	1	61	25515	1	KED
	Y	89		ug/L			811854	851657	1	Standard
	Kr	83		ug/L			359	314	7	Standard
>	In-1	115		ug/L			30232	23698	3	KED
	Cd	111	3.824	ug/L	0.079	2	3	1465	1	KED
	Cd	114	3.941	ug/L	0.152	3	4	3917	1	KED
>	Tb	159		ug/L			2638391	2336022	1	Standard
	Pb	208	0.041	ug/L	0.001	3	1025	5521	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:12:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23975	2	Standard
	Cl	**37**		ug/L			7930059	8109117	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1391939	1	Standard
⎢	**Na**	**23**	**-0.685**	ug/L	0.012	1	36347	14493	0	Standard
⎢	**Mg**	**24**	**0.087**	ug/L	0.010	11	6644	8643	2	Standard
⎢	**Al**	**27**	**-0.119**	ug/L	0.002	2	13638	8762	0	Standard
⎢	**K**	**39**	**3.919**	ug/L	0.222	5	1239868	1226823	1	Standard
⎢	**Ca**	**44**	**-0.975**	ug/L	0.185	19	7270	5290	3	Standard
⎢	**Fe**	**54**	**-1.588**	ug/L	0.417	26	107805	91747	0	Standard
⎢	**Fe**	**57**	**1.064**	ug/L	0.144	13	18409	17523	0	Standard
⎣	**Mn**	**55**	**-0.016**	ug/L	0.002	14	2213	1285	6	Standard
⎡>	**Ge**	**72**		ug/L			94306	77338	0	KED
⎢	**Cu**	**63**	**-0.016**	ug/L	0.001	8	152	59	8	KED
⎢	**Cu**	**65**	**-0.017**	ug/L	0.000	2	74	27	4	KED
⎢	**Zn**	**66**	**-0.347**	ug/L	0.025	7	429	139	10	KED
⎣	**Zn**	**67**	**-0.326**	ug/L	0.041	12	61	17	22	KED
	Y	**89**		ug/L			811854	701677	0	Standard
	Kr	**83**		ug/L			359	302	6	Standard
⎡>	**In-1**	**115**		ug/L			30232	25283	0	KED
⎢	**Cd**	**111**	**-0.002**	ug/L	0.002	94	3	1	50	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.002	152	4	2	95	KED
⎡>	**Tb**	**159**		ug/L			2638391	2305715	0	Standard
⎣	**Pb**	**208**	**-0.002**	ug/L	0.000	16	1025	686	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-02
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:16:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	48963	0	Standard
	Cl	**37**		ug/L			7930059	7007411	0	Standard
>	**Sc**	**45**		ug/L			1558544	1415968	1	Standard
	Na	**23**	**608.544**	ug/L	2.189	0	36347	16264395	1	Standard
	Mg	**24**	**1331.215**	ug/L	9.373	0	6644	42022418	1	Standard
	Al	**27**	**802.470**	ug/L	7.832	0	13638	23482583	0	Standard
	K	**39**	**1385.830**	ug/L	23.895	1	1239868	44120231	2	Standard
	Ca	**44**	**9517.626**	ug/L	145.587	1	7270	11937466	2	Standard
	Fe	**54**	**2172.480**	ug/L	9.462	0	107805	6395154	1	Standard
	Fe	**57**	**2358.966**	ug/L	50.958	2	18409	2458915	1	Standard
	Mn	**55**	**97.621**	ug/L	0.250	0	2213	4405164	1	Standard
>	**Ge**	**72**		ug/L			94306	76832	0	KED
	Cu	**63**	**4.691**	ug/L	0.093	1	152	18971	2	KED
	Cu	**65**	**4.676**	ug/L	0.089	1	74	9389	2	KED
	Zn	**66**	**64.563**	ug/L	0.940	1	429	39746	1	KED
	Zn	**67**	**61.893**	ug/L	1.147	1	61	6215	1	KED
	Y	**89**		ug/L			811854	732746	0	Standard
	Kr	**83**		ug/L			359	320	8	Standard
>	**In-1**	**115**		ug/L			30232	24169	0	KED
	Cd	**111**	**0.465**	ug/L	0.014	3	3	184	2	KED
	Cd	**114**	**0.480**	ug/L	0.026	5	4	489	6	KED
>	**Tb**	**159**		ug/L			2638391	2329624	1	Standard
	Pb	**208**	**0.040**	ug/L	0.001	1	1025	5351	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-12
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:20:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	45755	0	Standard
	Cl	**37**		ug/L			7930059	7096549	0	Standard
>	**Sc**	**45**		ug/L			1558544	1419986	2	Standard
	Na	**23**	**797.905**	ug/L	19.030	2	36347	21368595	0	Standard
	Mg	**24**	**2366.908**	ug/L	67.581	2	6644	74900791	1	Standard
	Al	**27**	**3.177**	ug/L	0.082	2	13638	105592	1	Standard
	K	**39**	**3108.970**	ug/L	58.859	1	1239868	97825636	0	Standard
	Ca	**44**	**21048.570**	ug/L	713.996	3	7270	26453131	1	Standard
	Fe	**54**	**6149.348**	ug/L	27.814	0	107805	17973107	1	Standard
	Fe	**57**	**6654.853**	ug/L	40.170	0	18409	6926621	1	Standard
	Mn	**55**	**98.708**	ug/L	2.343	2	2213	4465556	0	Standard
>	**Ge**	**72**		ug/L			94306	75057	1	KED
	Cu	**63**	**0.151**	ug/L	0.004	2	152	712	1	KED
	Cu	**65**	**0.141**	ug/L	0.015	10	74	333	7	KED
	Zn	**66**	**6.729**	ug/L	0.232	3	429	4352	1	KED
	Zn	**67**	**6.654**	ug/L	0.321	4	61	696	4	KED
	Y	**89**		ug/L			811854	711742	2	Standard
	Kr	**83**		ug/L			359	295	8	Standard
>	**In-1**	**115**		ug/L			30232	23958	0	KED
	Cd	**111**	**0.037**	ug/L	0.004	11	3	17	9	KED
	Cd	**114**	**0.032**	ug/L	0.004	12	4	35	11	KED
>	**Tb**	**159**		ug/L			2638391	2364761	0	Standard
	Pb	**208**	**0.001**	ug/L	0.000	34	1025	1009	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-16
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:24:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	49319	2	Standard
	Cl	**37**		ug/L			7930059	7304728	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1367258	0	Standard
⎢	**Na**	**23**	**874.828**	ug/L	8.577	0	36347	22562273	0	Standard
⎢	**Mg**	**24**	**1566.973**	ug/L	32.477	2	6644	47760644	1	Standard
⎢	**Al**	**27**	**1.411**	ug/L	0.024	1	13638	51810	1	Standard
⎢	**K**	**39**	**961.251**	ug/L	8.045	0	1239868	29882266	1	Standard
⎢	**Ca**	**44**	**11141.669**	ug/L	185.800	1	7270	13490775	0	Standard
⎢	**Fe**	**54**	**11.668**	ug/L	0.563	4	107805	127222	0	Standard
⎢	**Fe**	**57**	**40.166**	ug/L	0.867	2	18409	56306	1	Standard
⎣	**Mn**	**55**	**176.953**	ug/L	0.342	0	2213	7708907	0	Standard
⎡>	**Ge**	**72**		ug/L			94306	74868	1	KED
⎢	**Cu**	**63**	**0.007**	ug/L	0.007	95	152	147	17	KED
⎢	**Cu**	**65**	**0.002**	ug/L	0.003	123	74	64	8	KED
⎢	**Zn**	**66**	**0.126**	ug/L	0.052	41	429	415	5	KED
⎣	**Zn**	**67**	**0.280**	ug/L	0.137	48	61	76	18	KED
	Y	**89**		ug/L			811854	672812	0	Standard
	Kr	**83**		ug/L			359	326	1	Standard
⎡>	**In-1**	**115**		ug/L			30232	23569	0	KED
⎢	**Cd**	**111**	**0.010**	ug/L	0.005	48	3	6	28	KED
⎣	**Cd**	**114**	**0.007**	ug/L	0.005	76	4	9	49	KED
⎡>	**Tb**	**159**		ug/L			2638391	2268831	0	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.000	16	1025	1151	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-24
Sample Dil Factor: 5
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:29:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	45940	2	Standard
	Cl	**37**		ug/L			7930059	7308532	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1393560	0	Standard
|	**Na**	**23**	**524.988**	ug/L	13.868	2	36347	13812994	2	Standard
|	**Mg**	**24**	**1259.439**	ug/L	27.326	2	6644	39127656	1	Standard
|	**Al**	**27**	**17.248**	ug/L	0.119	0	13638	508732	0	Standard
|	**K**	**39**	**824.268**	ug/L	10.882	1	1239868	26274045	1	Standard
|	**Ca**	**44**	**10356.617**	ug/L	19.615	0	7270	12783145	0	Standard
|	**Fe**	**54**	**0.933**	ug/L	0.832	89	107805	99051	2	Standard
|	**Fe**	**57**	**27.922**	ug/L	0.916	3	18409	44912	1	Standard
⌊	**Mn**	**55**	**141.089**	ug/L	1.677	1	2213	6265053	0	Standard
⌈>	**Ge**	**72**		ug/L			94306	73776	2	KED
|	**Cu**	**63**	**0.111**	ug/L	0.004	3	152	548	1	KED
|	**Cu**	**65**	**0.125**	ug/L	0.008	6	74	297	3	KED
|	**Zn**	**66**	**4.487**	ug/L	0.137	3	429	2965	3	KED
⌊	**Zn**	**67**	**4.470**	ug/L	0.156	3	61	475	1	KED
	Y	**89**		ug/L			811854	697600	2	Standard
	Kr	**83**		ug/L			359	320	7	Standard
⌈>	**In-1**	**115**		ug/L			30232	23614	1	KED
|	**Cd**	**111**	**0.451**	ug/L	0.060	13	3	174	13	KED
⌊	**Cd**	**114**	**0.466**	ug/L	0.018	3	4	465	3	KED
⌈>	**Tb**	**159**		ug/L			2638391	2313995	0	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	8	1025	1294	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-15
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:33:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	43891	1	Standard
	Cl	**37**		ug/L			7930059	6916603	1	Standard
>	**Sc**	**45**		ug/L			1558544	1385235	1	Standard
	Na	**23**	**411.242**	ug/L	6.305	1	36347	10761200	0	Standard
	Mg	**24**	**1243.117**	ug/L	20.782	1	6644	38388398	1	Standard
	Al	**27**	**960.407**	ug/L	16.607	1	13638	27491400	1	Standard
	K	**39**	**680.156**	ug/L	5.390	0	1239868	21742190	1	Standard
	Ca	**44**	**8314.758**	ug/L	84.779	1	7270	10201558	0	Standard
	Fe	**54**	**5096.415**	ug/L	72.246	1	107805	14545712	0	Standard
	Fe	**57**	**5513.955**	ug/L	112.584	2	18409	5601748	2	Standard
	Mn	**55**	**108.588**	ug/L	1.812	1	2213	4792593	0	Standard
>	**Ge**	**72**		ug/L			94306	74268	1	KED
	Cu	**63**	**11.430**	ug/L	0.097	0	152	44502	1	KED
	Cu	**65**	**11.589**	ug/L	0.083	0	74	22405	0	KED
	Zn	**66**	**59.632**	ug/L	0.299	0	429	35511	1	KED
	Zn	**67**	**54.581**	ug/L	0.276	0	61	5304	1	KED
	Y	**89**		ug/L			811854	740348	1	Standard
	Kr	**83**		ug/L			359	332	6	Standard
>	**In-1**	**115**		ug/L			30232	23744	0	KED
	Cd	**111**	**0.381**	ug/L	0.041	10	3	148	11	KED
	Cd	**114**	**0.362**	ug/L	0.018	4	4	363	5	KED
>	**Tb**	**159**		ug/L			2638391	2291975	0	Standard
	Pb	**208**	**0.015**	ug/L	0.000	2	1025	2560	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLG
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:38:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23568	1	Standard
	Cl	**37**		ug/L			7930059	7695967	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1342683	1	Standard
⎢	**Na**	**23**	**-0.660**	ug/L	0.032	4	36347	14617	6	Standard
⎢	**Mg**	**24**	**0.153**	ug/L	0.108	70	6644	10333	32	Standard
⎢	**Al**	**27**	**-0.072**	ug/L	0.071	97	13638	9765	21	Standard
⎢	**K**	**39**	**3.403**	ug/L	0.655	19	1239868	1168084	0	Standard
⎢	**Ca**	**44**	**-0.725**	ug/L	0.832	114	7270	5409	19	Standard
⎢	**Fe**	**54**	**-2.334**	ug/L	0.685	29	107805	86459	2	Standard
⎢	**Fe**	**57**	**-2.043**	ug/L	0.288	14	18409	13856	3	Standard
⎣	**Mn**	**55**	**-0.019**	ug/L	0.010	54	2213	1099	41	Standard
⎡>	**Ge**	**72**		ug/L			94306	75573	0	KED
⎢	**Cu**	**63**	**-0.018**	ug/L	0.004	20	152	50	28	KED
⎢	**Cu**	**65**	**-0.013**	ug/L	0.005	38	74	34	29	KED
⎢	**Zn**	**66**	**-0.345**	ug/L	0.056	16	429	137	25	KED
⎣	**Zn**	**67**	**-0.316**	ug/L	0.079	25	61	18	41	KED
	Y	**89**		ug/L			811854	674504	0	Standard
	Kr	**83**		ug/L			359	296	6	Standard
⎡>	**In-1**	**115**		ug/L			30232	24317	0	KED
⎢	**Cd**	**111**	**-0.006**	ug/L	0.001	25	3	0	86	KED
⎣	**Cd**	**114**	**-0.003**	ug/L	0.001	30	4	0	355	KED
⎡>	**Tb**	**159**		ug/L			2638391	2269124	0	Standard
⎣	**Pb**	**208**	**-0.002**	ug/L	0.000	27	1025	686	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:43:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23098	3	Standard
	Cl	**37**		ug/L			7930059	7797816	0	Standard
>	**Sc**	**45**		ug/L			1558544	1347151	1	Standard
	Na	**23**	**4116.593**	ug/L	88.343	2	36347	104480109	1	Standard
	Mg	**24**	**4492.305**	ug/L	101.883	2	6644	134894386	1	Standard
	Al	**27**	**4383.743**	ug/L	69.453	1	13638	121989051	0	Standard
	K	**39**	**4807.686**	ug/L	175.590	3	1239868	142924071	2	Standard
	Ca	**44**	**4734.815**	ug/L	137.473	2	7270	5652616	2	Standard
	Fe	**54**	**4672.698**	ug/L	73.605	1	107805	12977972	0	Standard
	Fe	**57**	**5075.909**	ug/L	96.780	1	18409	5015646	0	Standard
	Mn	**55**	**44.941**	ug/L	0.757	1	2213	1930231	0	Standard
>	**Ge**	**72**		ug/L			94306	75678	1	KED
	Cu	**63**	**49.607**	ug/L	1.154	2	152	196382	1	KED
	Cu	**65**	**49.404**	ug/L	0.775	1	74	97132	1	KED
	Zn	**66**	**50.749**	ug/L	0.427	0	429	30845	0	KED
	Zn	**67**	**50.470**	ug/L	0.577	1	61	5001	0	KED
	Y	**89**		ug/L			811854	682638	1	Standard
	Kr	**83**		ug/L			359	336	4	Standard
>	**In-1**	**115**		ug/L			30232	23843	1	KED
	Cd	**111**	**49.954**	ug/L	0.915	1	3	19238	0	KED
	Cd	**114**	**50.882**	ug/L	0.731	1	4	50882	0	KED
>	**Tb**	**159**		ug/L			2638391	2254296	0	Standard
	Pb	**208**	**56.726**	ug/L	0.248	0	1025	6107727	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:50:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	22875	1	Standard
	Cl	**37**		ug/L			7930059	7543299	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1337011	0	Standard
|	**Na**	**23**	**0.081**	ug/L	0.022	27	36347	33220	1	Standard
|	**Mg**	**24**	**0.030**	ug/L	0.002	5	6644	6603	0	Standard
|	**Al**	**27**	**0.047**	ug/L	0.009	18	13638	12999	1	Standard
|	**K**	**39**	**3.648**	ug/L	0.453	12	1239868	1170480	1	Standard
|	**Ca**	**44**	**0.451**	ug/L	0.045	10	7270	6770	1	Standard
|	**Fe**	**54**	**0.146**	ug/L	0.389	266	107805	92880	1	Standard
|	**Fe**	**57**	**2.666**	ug/L	0.158	5	18409	18399	0	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	880	2213	1904	2	Standard
⌈>	**Ge**	**72**		ug/L			94306	75307	1	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.002	646	152	120	3	KED
|	**Cu**	**65**	**0.008**	ug/L	0.002	27	74	74	5	KED
|	**Zn**	**66**	**0.049**	ug/L	0.047	96	429	372	6	KED
⌊	**Zn**	**67**	**0.050**	ug/L	0.123	244	61	53	20	KED
	Y	**89**		ug/L			811854	675145	0	Standard
	Kr	**83**		ug/L			359	292	13	Standard
⌈>	**In-1**	**115**		ug/L			30232	24424	1	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.000	3	3	1		KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	76	4	4	22	KED
⌈>	**Tb**	**159**		ug/L			2638391	2236139	0	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.001	15	1025	1270	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-17
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:54:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	41993	0	Standard
	Cl	**37**		ug/L			7930059	6829983	1	Standard
>	**Sc**	**45**		ug/L			1558544	1234130	16	Standard
	Na	**23**	**581.699**	ug/L	106.377	18	36347	13287193	2	Standard
	Mg	**24**	**1641.778**	ug/L	278.942	16	6644	44346488	0	Standard
	Al	**27**	**1474.415**	ug/L	255.899	17	13638	36898234	0	Standard
	K	**39**	**636.188**	ug/L	113.098	17	1239868	17855292	1	Standard
	Ca	**44**	**9087.191**	ug/L	1519.360	16	7270	9755313	1	Standard
	Fe	**54**	**8932.930**	ug/L	1643.654	18	107805	22208106	1	Standard
	Fe	**57**	**9733.067**	ug/L	1565.720	16	18409	8646660	1	Standard
	Mn	**55**	**142.196**	ug/L	21.835	15	2213	5499782	2	Standard
>	**Ge**	**72**		ug/L			94306	73876	1	KED
	Cu	**63**	**9.291**	ug/L	0.257	2	152	35995	1	KED
	Cu	**65**	**9.363**	ug/L	0.017	0	74	18020	1	KED
	Zn	**66**	**106.743**	ug/L	1.968	1	429	62954	0	KED
	Zn	**67**	**99.697**	ug/L	2.235	2	61	9596	1	KED
	Y	**89**		ug/L			811854	680092	14	Standard
	Kr	**83**		ug/L			359	324	4	Standard
>	**In-1**	**115**		ug/L			30232	23130	1	KED
	Cd	**111**	**0.710**	ug/L	0.057	8	3	267	6	KED
	Cd	**114**	**0.707**	ug/L	0.034	4	4	688	4	KED
>	**Tb**	**159**		ug/L			2638391	2129706	9	Standard
	Pb	**208**	**0.003**	ug/L	0.002	50	1025	1170	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-26
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 13:58:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	42892	1	Standard
	Cl	**37**		ug/L			7930059	6984586	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1326653	1	Standard
|	**Na**	**23**	**274.428**	ug/L	3.206	1	36347	6888191	0	Standard
|	**Mg**	**24**	**590.750**	ug/L	9.898	1	6644	17473014	0	Standard
|	**Al**	**27**	**306.187**	ug/L	3.917	1	13638	8403503	2	Standard
|	**K**	**39**	**658.379**	ug/L	16.122	2	1239868	20186359	0	Standard
|	**Ca**	**44**	**4769.308**	ug/L	66.601	1	7270	5606635	0	Standard
|	**Fe**	**54**	**677.788**	ug/L	9.008	1	107805	1932319	0	Standard
|	**Fe**	**57**	**797.843**	ug/L	20.607	2	18409	789484	0	Standard
⌊	**Mn**	**55**	**153.879**	ug/L	2.653	1	2213	6503656	0	Standard
⌈>	**Ge**	**72**		ug/L			94306	75686	0	KED
|	**Cu**	**63**	**2.799**	ug/L	0.058	2	152	11196	1	KED
|	**Cu**	**65**	**2.821**	ug/L	0.041	1	74	5604	1	KED
|	**Zn**	**66**	**22.482**	ug/L	0.339	1	429	13858	0	KED
⌊	**Zn**	**67**	**21.210**	ug/L	0.295	1	61	2130	1	KED
	Y	**89**		ug/L			811854	684742	1	Standard
	Kr	**83**		ug/L			359	340	4	Standard
⌈>	**In-1**	**115**		ug/L			30232	23601	1	KED
|	**Cd**	**111**	**0.221**	ug/L	0.039	17	3	86	15	KED
⌊	**Cd**	**114**	**0.204**	ug/L	0.022	10	4	205	11	KED
⌈>	**Tb**	**159**		ug/L			2638391	2262816	0	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.001	9	1025	1492	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-27
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:02:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	44450	1	Standard
	Cl	**37**		ug/L			7930059	7052119	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1310873	1	Standard
|	**Na**	**23**	**257.217**	ug/L	2.647	1	36347	6382169	1	Standard
|	**Mg**	**24**	**548.500**	ug/L	2.778	0	6644	16032938	0	Standard
|	**Al**	**27**	**124.977**	ug/L	1.886	1	13638	3395366	0	Standard
|	**K**	**39**	**361.910**	ug/L	3.646	1	1239868	11436233	1	Standard
|	**Ca**	**44**	**4380.616**	ug/L	22.168	0	7270	5089460	0	Standard
|	**Fe**	**54**	**-0.022**	ug/L	0.307	1389	107805	90606	0	Standard
|	**Fe**	**57**	**8.325**	ug/L	0.728	8	18409	23459	2	Standard
⌊	**Mn**	**55**	**96.101**	ug/L	1.223	1	2213	4014588	1	Standard
⌈>	**Ge**	**72**		ug/L			94306	75145	0	KED
|	**Cu**	**63**	**1.464**	ug/L	0.024	1	152	5871	1	KED
|	**Cu**	**65**	**1.474**	ug/L	0.064	4	74	2936	3	KED
|	**Zn**	**66**	**25.472**	ug/L	0.404	1	429	15544	1	KED
⌊	**Zn**	**67**	**24.921**	ug/L	0.971	3	61	2477	3	KED
	Y	**89**		ug/L			811854	683462	0	Standard
	Kr	**83**		ug/L			359	307	7	Standard
⌈>	**In-1**	**115**		ug/L			30232	23883	1	KED
|	**Cd**	**111**	**0.268**	ug/L	0.025	9	3	106	9	KED
⌊	**Cd**	**114**	**0.262**	ug/L	0.022	8	4	265	8	KED
⌈>	**Tb**	**159**		ug/L			2638391	2263499	0	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	11	1025	633	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23RE1
Sample Dil Factor: 50
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:06:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	41842	1	Standard
	Cl	**37**		ug/L			7930059	7442086	0	Standard
>	**Sc**	**45**		ug/L			1558544	1319319	0	Standard
	Na	**23**	**77.455**	ug/L	0.873	1	36347	1955621	0	Standard
	Mg	**24**	**179.358**	ug/L	1.800	1	6644	5280300	0	Standard
	Al	**27**	**41.526**	ug/L	1.721	4	13638	1143061	3	Standard
	K	**39**	**127.320**	ug/L	2.600	2	1239868	4729541	1	Standard
	Ca	**44**	**1610.697**	ug/L	73.528	4	7270	1887569	4	Standard
	Fe	**54**	**-1.132**	ug/L	0.660	58	107805	88192	1	Standard
	Fe	**57**	**2.559**	ug/L	0.180	7	18409	18052	0	Standard
	Mn	**55**	**103.708**	ug/L	1.904	1	2213	4360042	1	Standard
>	**Ge**	**72**		ug/L			94306	76173	0	KED
	Cu	**63**	**0.739**	ug/L	0.026	3	152	3064	3	KED
	Cu	**65**	**0.767**	ug/L	0.041	5	74	1576	4	KED
	Zn	**66**	**11.373**	ug/L	0.224	1	429	7227	2	KED
	Zn	**67**	**10.639**	ug/L	0.330	3	61	1100	2	KED
	Y	**89**		ug/L			811854	668172	2	Standard
	Kr	**83**		ug/L			359	302	6	Standard
>	**In-1**	**115**		ug/L			30232	24329	1	KED
	Cd	**111**	**0.156**	ug/L	0.020	12	3	64	12	KED
	Cd	**114**	**0.161**	ug/L	0.001	0	4	168	1	KED
>	**Tb**	**159**		ug/L			2638391	2249504	0	Standard
	Pb	**208**	**-0.002**	ug/L	0.000	30	1025	699	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-43RE1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:09:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	41405	0	Standard
	Cl	**37**		ug/L			7930059	6794315	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1307804	0	Standard
⎢	**Na**	**23**	**443.461**	ug/L	4.943	1	36347	10955139	0	Standard
⎢	**Mg**	**24**	**1251.828**	ug/L	13.341	1	6644	36500482	1	Standard
⎢	**Al**	**27**	**6.116**	ug/L	0.048	0	13638	176658	0	Standard
⎢	**K**	**39**	**1898.487**	ug/L	42.977	2	1239868	55434614	1	Standard
⎢	**Ca**	**44**	**20971.027**	ug/L	192.583	0	7270	24284988	0	Standard
⎢	**Fe**	**54**	**16895.452**	ug/L	197.877	1	107805	45323485	0	Standard
⎢	**Fe**	**57**	**18616.997**	ug/L	275.031	1	18409	17820713	1	Standard
⎣	**Mn**	**55**	**129.889**	ug/L	0.885	0	2213	5413179	1	Standard
⎡>	**Ge**	**72**		ug/L			94306	71923	0	KED
⎢	**Cu**	**63**	**0.038**	ug/L	0.006	16	152	257	8	KED
⎢	**Cu**	**65**	**0.024**	ug/L	0.011	46	74	102	19	KED
⎢	**Zn**	**66**	**211.506**	ug/L	1.533	0	429	121143	0	KED
⎣	**Zn**	**67**	**198.024**	ug/L	1.052	0	61	18514	0	KED
	Y	**89**		ug/L			811854	659880	1	Standard
	Kr	**83**		ug/L			359	295	4	Standard
⎡>	**In-1**	**115**		ug/L			30232	22860	1	KED
⎢	**Cd**	**111**	**0.068**	ug/L	0.004	5	3	27	5	KED
⎣	**Cd**	**114**	**0.071**	ug/L	0.013	18	4	71	17	KED
⎡>	**Tb**	**159**		ug/L			2638391	2244337	0	Standard
⎣	**Pb**	**208**	**0.000**	ug/L	0.000	1326	1025	874	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:13:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	53987	0	Standard
	Cl	**37**		ug/L			7930059	7256189	0	Standard
>	**Sc**	**45**		ug/L			1558544	1535986	0	Standard
	Na	**23**	**168.964**	ug/L	1.376	0	36347	4924541	0	Standard
	Mg	**24**	**4254.461**	ug/L	39.336	0	6644	145677316	0	Standard
	Al	**27**	**12947.787**	ug/L	190.627	1	13638	410832348	1	Standard
	K	**39**	**682.803**	ug/L	9.404	1	1239868	24199057	1	Standard
	Ca	**44**	**3296.288**	ug/L	31.446	0	7270	4489394	1	Standard
	Fe	**54**	**15281.355**	ug/L	143.902	0	107805	48156928	0	Standard
	Fe	**57**	**16497.413**	ug/L	187.912	1	18409	18548240	0	Standard
	Mn	**55**	**356.584**	ug/L	3.183	0	2213	17449215	0	Standard
>	**Ge**	**72**		ug/L			94306	76578	0	KED
	Cu	**63**	**19.091**	ug/L	0.134	0	152	76559	0	KED
	Cu	**65**	**19.177**	ug/L	0.246	1	74	38190	0	KED
	Zn	**66**	**55.820**	ug/L	0.586	1	429	34297	0	KED
	Zn	**67**	**55.216**	ug/L	0.294	0	61	5532	0	KED
	Y	**89**		ug/L			811854	1028436	0	Standard
	Kr	**83**		ug/L			359	401	6	Standard
>	**In-1**	**115**		ug/L			30232	24050	1	KED
	Cd	**111**	**0.105**	ug/L	0.017	16	3	43	14	KED
	Cd	**114**	**0.107**	ug/L	0.011	10	4	110	11	KED
>	**Tb**	**159**		ug/L			2638391	2313920	0	Standard
	Pb	**208**	**13.724**	ug/L	0.059	0	1025	1517429	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:17:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	54113	1	Standard
	Cl	**37**		ug/L			7930059	7170166	1	Standard
>	**Sc**	**45**		ug/L			1558544	1488826	2	Standard
	Na	**23**	**186.158**	ug/L	1.510	0	36347	5254927	1	Standard
	Mg	**24**	**3519.034**	ug/L	40.788	1	6644	116816970	3	Standard
	Al	**27**	**11692.303**	ug/L	52.416	0	13638	359590533	2	Standard
	K	**39**	**667.531**	ug/L	2.941	0	1239868	22959386	2	Standard
	Ca	**44**	**3006.085**	ug/L	59.935	1	7270	3969449	3	Standard
	Fe	**54**	**13699.031**	ug/L	38.814	0	107805	41855064	2	Standard
	Fe	**57**	**14786.851**	ug/L	96.760	0	18409	16115119	1	Standard
	Mn	**55**	**231.913**	ug/L	0.304	0	2213	11001213	2	Standard
>	**Ge**	**72**		ug/L			94306	77425	1	KED
	Cu	**63**	**19.393**	ug/L	0.138	0	152	78631	0	KED
	Cu	**65**	**19.292**	ug/L	0.568	2	74	38838	2	KED
	Zn	**66**	**36.688**	ug/L	0.832	2	429	22909	1	KED
	Zn	**67**	**37.168**	ug/L	0.700	1	61	3781	0	KED
	Y	**89**		ug/L			811854	991584	1	Standard
	Kr	**83**		ug/L			359	384	3	Standard
>	**In-1**	**115**		ug/L			30232	23992	1	KED
	Cd	**111**	**0.086**	ug/L	0.013	15	3	36	13	KED
	Cd	**114**	**0.081**	ug/L	0.013	15	4	84	13	KED
>	**Tb**	**159**		ug/L			2638391	2300998	1	Standard
	Pb	**208**	**10.579**	ug/L	0.181	1	1025	1163285	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0245-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:22:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24384	54293	0	Standard
	Cl	37		ug/L			7930059	7111381	0	Standard
>	Sc	45		ug/L			1558544	1486348	0	Standard
	Na	23	178.843	ug/L	3.652	2	36347	5041577	1	Standard
	Mg	24	3343.193	ug/L	40.162	1	6644	110769032	0	Standard
	Al	27	11983.750	ug/L	19.957	0	13638	367962174	0	Standard
	K	39	656.023	ug/L	13.388	2	1239868	22542936	1	Standard
	Ca	44	2840.734	ug/L	50.841	1	7270	3744543	1	Standard
	Fe	54	12210.977	ug/L	177.676	1	107805	37255516	0	Standard
	Fe	57	13328.502	ug/L	57.798	0	18409	14504575	0	Standard
	Mn	55	226.111	ug/L	2.818	1	2213	10707166	0	Standard
>	Ge	72		ug/L			94306	77507	0	KED
	Cu	63	17.617	ug/L	0.212	1	152	71511	0	KED
	Cu	65	17.704	ug/L	0.178	1	74	35688	0	KED
	Zn	66	35.157	ug/L	0.510	1	429	21993	0	KED
	Zn	67	35.959	ug/L	1.006	2	61	3664	3	KED
	Y	89		ug/L			811854	957320	0	Standard
	Kr	83		ug/L			359	408	8	Standard
>	In-1	115		ug/L			30232	18373	49	KED
	Cd	111	0.154	ug/L	0.097	62	3	38	16	KED
	Cd	114	0.149	ug/L	0.113	75	4	88	7	KED
>	Tb	159		ug/L			2638391	2283816	0	Standard
	Pb	208	12.442	ug/L	0.167	1	1025	1357809	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLH
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:27:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24618	0	Standard
	Cl	**37**		ug/L			7930059	6738711	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1354838	1	Standard
⎢	**Na**	**23**	**-0.635**	ug/L	0.039	6	36347	15407	7	Standard
⎢	**Mg**	**24**	**0.494**	ug/L	0.635	128	6644	20830	93	Standard
⎢	**Al**	**27**	**1.325**	ug/L	2.129	160	13638	49402	122	Standard
⎢	**K**	**39**	**-1.670**	ug/L	0.718	42	1239868	1028079	0	Standard
⎢	**Ca**	**44**	**-1.536**	ug/L	0.768	49	7270	4484	21	Standard
⎢	**Fe**	**54**	**-0.687**	ug/L	2.509	365	107805	91863	8	Standard
⎢	**Fe**	**57**	**21.281**	ug/L	2.279	10	18409	37104	7	Standard
⎣	**Mn**	**55**	**0.005**	ug/L	0.043	843	2213	2160	88	Standard
⎡>	**Ge**	**72**		ug/L			94306	78255	1	KED
⎢	**Cu**	**63**	**-0.013**	ug/L	0.004	28	152	72	22	KED
⎢	**Cu**	**65**	**-0.012**	ug/L	0.003	24	74	38	15	KED
⎢	**Zn**	**66**	**-0.301**	ug/L	0.029	9	429	169	9	KED
⎣	**Zn**	**67**	**-0.322**	ug/L	0.044	13	61	18	23	KED
	Y	**89**		ug/L			811854	681409	2	Standard
	Kr	**83**		ug/L			359	299	4	Standard
⎡>	**In-1**	**115**		ug/L			30232	23971	2	KED
⎢	**Cd**	**111**	**0.004**	ug/L	0.007	200	3	4	66	KED
⎣	**Cd**	**114**	**-0.002**	ug/L	0.002	97	4	1	116	KED
⎡>	**Tb**	**159**		ug/L			2638391	2255676	1	Standard
⎣	**Pb**	**208**	**-0.000**	ug/L	0.002	846	1025	855	23	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:31:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23535	0	Standard
	Cl	**37**		ug/L			7930059	7378888	0	Standard
>	**Sc**	**45**		ug/L			1558544	1334565	0	Standard
	Na	**23**	**4133.052**	ug/L	54.547	1	36347	103930351	1	Standard
	Mg	**24**	**4520.352**	ug/L	34.084	0	6644	134482907	0	Standard
	Al	**27**	**4275.128**	ug/L	17.341	0	13638	117873271	1	Standard
	K	**39**	**4752.769**	ug/L	93.898	1	1239868	140018494	1	Standard
	Ca	**44**	**4699.354**	ug/L	78.740	1	7270	5557769	0	Standard
	Fe	**54**	**4580.280**	ug/L	37.120	0	107805	12606547	1	Standard
	Fe	**57**	**4898.144**	ug/L	29.960	0	18409	4796166	1	Standard
	Mn	**55**	**44.801**	ug/L	0.172	0	2213	1906518	1	Standard
>	**Ge**	**72**		ug/L			94306	76919	1	KED
	Cu	**63**	**49.452**	ug/L	0.424	0	152	198996	0	KED
	Cu	**65**	**49.697**	ug/L	0.716	1	74	99306	0	KED
	Zn	**66**	**50.327**	ug/L	0.516	1	429	31098	2	KED
	Zn	**67**	**50.333**	ug/L	1.504	2	61	5070	3	KED
	Y	**89**		ug/L			811854	677401	1	Standard
	Kr	**83**		ug/L			359	313	10	Standard
>	**In-1**	**115**		ug/L			30232	23684	1	KED
	Cd	**111**	**50.193**	ug/L	1.232	2	3	19199	0	KED
	Cd	**114**	**50.850**	ug/L	0.919	1	4	50506	0	KED
>	**Tb**	**159**		ug/L			2638391	2234137	1	Standard
	Pb	**208**	**55.199**	ug/L	0.298	0	1025	5890122	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:38:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	23476	1	Standard
	Cl	**37**		ug/L			7930059	6973333	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1317202	3	Standard
|	**Na**	**23**	**0.302**	ug/L	0.285	94	36347	38226	19	Standard
|	**Mg**	**24**	**0.251**	ug/L	0.330	131	6644	13036	75	Standard
|	**Al**	**27**	**0.311**	ug/L	0.408	130	13638	20032	56	Standard
|	**K**	**39**	**0.765**	ug/L	1.024	133	1239868	1069329	0	Standard
|	**Ca**	**44**	**0.486**	ug/L	0.472	97	7270	6708	8	Standard
|	**Fe**	**54**	**0.588**	ug/L	0.972	165	107805	92653	1	Standard
|	**Fe**	**57**	**11.150**	ug/L	0.415	3	18409	26290	1	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.006	120	2213	2088	13	Standard
⌈>	**Ge**	**72**		ug/L			94306	75874	2	KED
|	**Cu**	**63**	**0.002**	ug/L	0.007	399	152	130	23	KED
|	**Cu**	**65**	**0.006**	ug/L	0.001	23	74	72	4	KED
|	**Zn**	**66**	**0.012**	ug/L	0.029	238	429	353	4	KED
⌊	**Zn**	**67**	**0.124**	ug/L	0.071	57	61	61	8	KED
	Y	**89**		ug/L			811854	650809	1	Standard
	Kr	**83**		ug/L			359	291	13	Standard
⌈>	**In-1**	**115**		ug/L			30232	24267	2	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.001	33	3	1	43	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.004	267	4	4	80	KED
⌈>	**Tb**	**159**		ug/L			2638391	2196293	1	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.003	53	1025	1504	22	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:41:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	40419	0	Standard
	Cl	**37**		ug/L			7930059	6945034	0	Standard
⎡>	**Sc**	**45**		ug/L			1558544	1479177	0	Standard
⎢	**Na**	**23**	**-0.708**	ug/L	0.013	1	36347	14772	1	Standard
⎢	**Mg**	**24**	**-0.090**	ug/L	0.003	3	6644	3348	3	Standard
⎢	**Al**	**27**	**0.110**	ug/L	0.011	10	13638	16304	1	Standard
⎢	**K**	**39**	**-3.332**	ug/L	0.327	9	1239868	1068700	0	Standard
⎢	**Ca**	**44**	**-0.943**	ug/L	0.135	14	7270	5664	2	Standard
⎢	**Fe**	**54**	**73.161**	ug/L	2.334	3	107805	323810	1	Standard
⎢	**Fe**	**57**	**9.027**	ug/L	0.539	5	18409	27233	1	Standard
⎣	**Mn**	**55**	**-0.005**	ug/L	0.001	11	2213	1876	1	Standard
⎡>	**Ge**	**72**		ug/L			94306	79964	0	KED
⎢	**Cu**	**63**	**0.026**	ug/L	0.004	16	152	240	7	KED
⎢	**Cu**	**65**	**0.033**	ug/L	0.011	33	74	132	17	KED
⎢	**Zn**	**66**	**-0.231**	ug/L	0.042	18	429	217	12	KED
⎣	**Zn**	**67**	**-0.118**	ug/L	0.035	30	61	40	8	KED
	Y	**89**		ug/L			811854	728372	0	Standard
	Kr	**83**		ug/L			359	310	4	Standard
⎡>	**In-1**	**115**		ug/L			30232	25715	0	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.003	104	3	1	91	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.005	831	4	2	187	KED
⎡>	**Tb**	**159**		ug/L			2638391	2385715	0	Standard
⎣	**Pb**	**208**	**-0.003**	ug/L	0.000	8	1025	595	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:45:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	41794	1	Standard
	Cl	**37**		ug/L			7930059	7068489	1	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1478039	1	Standard
|	**Na**	**23**	**-0.720**	ug/L	0.004	0	36347	14433	1	Standard
|	**Mg**	**24**	**-0.091**	ug/L	0.002	2	6644	3303	1	Standard
|	**Al**	**27**	**0.126**	ug/L	0.010	8	13638	16771	1	Standard
|	**K**	**39**	**-2.669**	ug/L	0.203	7	1239868	1089458	1	Standard
|	**Ca**	**44**	**-0.872**	ug/L	0.048	5	7270	5753	1	Standard
|	**Fe**	**54**	**72.954**	ug/L	1.176	1	107805	323009	2	Standard
|	**Fe**	**57**	**11.395**	ug/L	0.248	2	18409	29776	1	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.001	13	2213	1771	3	Standard
⌈>	**Ge**	**72**		ug/L			94306	80817	1	KED
|	**Cu**	**63**	**0.029**	ug/L	0.001	4	152	252	3	KED
|	**Cu**	**65**	**0.033**	ug/L	0.016	47	74	133	25	KED
|	**Zn**	**66**	**-0.195**	ug/L	0.033	16	429	243	9	KED
⌊	**Zn**	**67**	**-0.129**	ug/L	0.138	106	61	39	37	KED
	Y	**89**		ug/L			811854	732188	0	Standard
	Kr	**83**		ug/L			359	330	1	Standard
⌈>	**In-1**	**115**		ug/L			30232	25229	1	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	165	3	2	49	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.001	38	4	0	205	KED
⌈>	**Tb**	**159**		ug/L			2638391	2341677	0	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	3	1025	565	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:49:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	44150	1	Standard
	Cl	**37**		ug/L			7930059	8552832	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	2118	15	Standard
|	**Na**	**23**	**387.773**	ug/L	47.529	12	36347	15329	4	Standard
|	**Mg**	**24**	**77.520**	ug/L	12.442	16	6644	3700	26	Standard
|	**Al**	**27**	**460.382**	ug/L	54.275	11	13638	19921	4	Standard
|	**K**	**39**	**28854.567**	ug/L	4997.207	17	1239868	1317137	0	Standard
|	**Ca**	**44**	**3990.669**	ug/L	442.072	11	7270	7469	17	Standard
|	**Fe**	**54**	**71976.078**	ug/L	11468.464	15	107805	307192	0	Standard
|	**Fe**	**57**	**24751.139**	ug/L	4194.760	16	18409	37704	0	Standard
⌊	**Mn**	**55**	**33.479**	ug/L	4.511	13	2213	2258	20	Standard
⌈>	**Ge**	**72**		ug/L			94306	175	21	KED
|	**Cu**	**63**	**62.382**	ug/L	12.143	19	152	559	5	KED
|	**Cu**	**65**	**62.323**	ug/L	15.232	24	74	275	6	KED
|	**Zn**	**66**	**226.472**	ug/L	56.425	24	429	306	5	KED
⌊	**Zn**	**67**	**244.753**	ug/L	51.592	21	61	54	11	KED
	Y	**89**		ug/L			811854	558	14	Standard
	Kr	**83**		ug/L			359	309	9	Standard
⌈>	**In-1**	**115**		ug/L			30232	28	35	KED
|	**Cd**	**111**	**5.405**	ug/L	2.808	51	3	2	24	KED
⌊	**Cd**	**114**	**2.849**	ug/L	0.740	25	4	3	52	KED
⌈>	**Tb**	**159**		ug/L			2638391	1706	34	Standard
⌊	**Pb**	**208**	**11.128**	ug/L	3.890	34	1025	835	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, June 29, 2021 14:53:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\062821.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24384	24470	2	Standard
	Cl	**37**		ug/L			7930059	8982284	0	Standard
⌈>	**Sc**	**45**		ug/L			1558544	1181	4	Standard
|	**Na**	**23**	**549.896**	ug/L	26.835	4	36347	12246	1	Standard
|	**Mg**	**24**	**29.986**	ug/L	3.217	10	6644	792	6	Standard
|	**Al**	**27**	**156.386**	ug/L	9.398	6	13638	3822	5	Standard
|	**K**	**39**	**52882.019**	ug/L	2683.251	5	1239868	1367468	0	Standard
|	**Ca**	**44**	**3577.686**	ug/L	195.128	5	7270	3740	0	Standard
|	**Fe**	**54**	**16820.186**	ug/L	824.937	4	107805	40697	0	Standard
|	**Fe**	**57**	**45157.644**	ug/L	2228.249	4	18409	38965	0	Standard
⌊	**Mn**	**55**	**11.312**	ug/L	1.529	13	2213	425	9	Standard
⌈>	**Ge**	**72**		ug/L			94306	78	11	KED
|	**Cu**	**63**	**78.298**	ug/L	8.115	10	152	321	11	KED
|	**Cu**	**65**	**79.306**	ug/L	14.326	18	74	160	13	KED
|	**Zn**	**66**	**164.242**	ug/L	30.875	18	429	101	6	KED
⌊	**Zn**	**67**	**145.505**	ug/L	84.803	58	61	14	58	KED
	Y	**89**		ug/L			811854	280	6	Standard
	Kr	**83**		ug/L			359	267	3	Standard
⌈>	**In-1**	**115**		ug/L			30232	6	80	KED
|	**Cd**	**111**	**20.435**	ug/L	10.164	49	3	1	50	KED
⌊	**Cd**	**114**	**12.834**	ug/L	3.531	27	4	4	105	KED
⌈>	**Tb**	**159**		ug/L			2638391	863	5	Standard
⌊	**Pb**	**208**	**7.103**	ug/L	0.985	13	1025	292	10	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EG00011
Instrument: ICPMS1
Calibration Date: 07/01/2021 14:13

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cadmium-111, Dissolved	0	0	0.1	420	10	408.3	20	406.25	50	391.54	100	386.13
Cadmium-114, Dissolved	0	0	0.1	1000	10	1052.8	20	1058.05	50	1015.28	100	1002.54

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EG00011	Instrument:	ICPMS1
Calibration Date:	07/01/2021 14:13		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Cadmium-111, Dissolved	335.37	49.1	0.9999		0.998	
Cadmium-114, Dissolved	854.7783	49.1	0.9999		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/1/21 **Analyst:** MS **Sequence:** SJG0042 **Cal:** EG000011

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CAL1	J6860		
		-CAL2	J6763		
		-CAL3	J6764		
		-CAL4	J6765		
		-CAL5	J6861		
		-CAL6	J6765		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J6860		
		-CCV1	J6861		
		-CCB1	J6860		
		-CRL1	J6763		
		-IFA1	J5760		Cr53 ↑
		-IFB1	J5761		↓
		-HCV1	J6678		
		-HCV2	J6918		
		-IBL2	—		
		-CCV2			
		-CCB2			
		BJF0849-BLK1	RHN		
		-BS1	↓		
		-BSD1	↓		
		BJF0619-BLK1	REN		
		↓ -BS1	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/1/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted. MB 7/1/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	√	BJFΦ777-SRM1	SWN	20	
		↓ -SRM1	↓	↓	As, Cr %R↓
		SEQ-IBL3			
	√	-CCV3			Ge noisy
		-CCV3			
		-CCB3			
		BJFΦ85Φ-BLK1	REN		
		↓ -BS1			
		21FΦ223-Φ3			
		-Φ2			
		-Φ1			
		BJFΦ85Φ-DUP1			
		-MS1			
		-MSD1			
		21FΦ413-Φ1			Zn↑ Zn NR
		↓ -Φ1RE1	↓	5	Zn only
		SEQ-CCV4			
		↓ -CCB4			
		21FΦ433-Φ1	REN		
		↓ -Φ2			
		21FΦ436-Φ1			
		21FΦ417-Φ1	↓	5	
No RE		21FΦ265-12RE1	SWN	200	Ag NR / Pb, Zn only
		SEQ-IBL4			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/1/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCV5			
		-CCB5			
	✓	-CAL1			Multiple Analytes Removed from Method
		-CCV6			
		-CCB6			
		BJF0608-BLK2	SWN	20	Ag only
		-BS2			
		BJF0777-BLK2			
		-BS2			
		21F0265-03			
		-02			
		-01			
		BJF0777-DUP2			
		-MS2			Ag %R↓
		-PS2			0.0ccml 14680
		SEQ-CCV7			
		-CCB7			
		21F0265-04	SWN	20	Ag only
		-05			
		-06			
		-07			
		-08			
		-09			
		-10			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/1/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ265-11	SWN	20	Ag only
REI		↓ -12REI	↓	↓	Ag only
		SEQ-IBL5			
		-CCV8			
		↓ -CCB8			
		BTFΦ785-BLK2	SWN	20	Ag, Se only
		↓ -BS2	↓	↓	↓
		21FΦ269-Φ1	↓	↓	Ag only
		21FΦ277-Φ1	↓	↓	Se only
		↓ -Φ3	↓	↓	↓
		BTFΦ785-DUP2	↓	↓	↓
		-MS2	↓	↓	↓
	✓	-PS2	↓	↓	Not Needed ↓
	✓	↓ -SRM2	↓	↓	Ge noisy ↓
		SEQ-IBL6	↓	↓	↓
		-CCV9	↓	↓	↓
		↓ -CCB9	↓	↓	↓
		21FΦ347-Φ2	SWN	20	Ag only
		-Φ3	↓	↓	↓
		-Φ4	↓	↓	↓
		-Φ5	↓	↓	↓
		-Φ6	↓	↓	↓
		-Φ7	↓	↓	↓
		↓ -Φ8	↓	↓	↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/1/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ347-Φ9	SWN	20	Ag only
		BJFΦGΦ8-SRM2	↓	↓	↓
		SEQ-IBC7			
		-CCVA			
		-CCBA			
	✓	-CAL1			
		-CCVB			
		-CCBB			
		BJFΦ795-BLK1	RHN		Cd only
		-BS1			
		-BSD1			
		21FΦ123-2ΦRE1			
		21FΦ13Φ-4ΦRE1			
		21FΦ347-1Φ	SWN	20	Ag only
		-11			
		-12			
		-13			
		-14			
		SEQ-CCVC			
		-CCBC			
		21FΦ317-Φ2	RHN		As only
		-Φ4			
		-Φ6			
		-Φ8			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/1/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ317-1Φ	RHN		As only
		↓ -12	↓		↓
		21FΦ123-36RE1	↓		Cd only
		↓ -41RE1	↓		↓
		↓ -42RE1	↓		↓
		SEQ-IBL8			
		↓ -CCV9			
		↓ -CCBD			
		21FΦ13Φ-Φ8RE1	RHN		Cd only
		↓ -12RE1	↓		↓
		↓ -23RE1	↓		↓
		↓ -25RE1	↓		↓
		↓ -27RE1	↓		↓
		↓ -31RE1	↓		↓
		21FΦ123-Φ5RE1	↓		↓
		BJFΦ795-DUP1	↓		Ge ↓ - Not Needed ↓
		↓ -MS1	↓		↓
		SEQ-IBL9			
		↓ -CCVE			Ag ↑ - Not Needed
		↓ -CCBE			
	✓	21FΦ13Φ-37RE1	RHN		Cd only
	✓	↓ -54RE1	↓		↓
	✓	SEQ-IBLA			
	✓	↓ -CCVF			
	✓	↓ -CCBF			Tube Empty

Rinse / DI

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, July 01, 2021 12:12:52
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11100
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8667.1	8667.081	1368.683	15.8	Standard
	In	114.9	98167.2	-1354361.195	14798.949	1.1	Standard
	U	238.1	149238.6	149238.612	24090.974	16.1	Standard
⌈	CeO	155.9	1741.6	0.015	0.000	1.8	Standard
| >	Ce	139.9	118064.4	118064.367	17804.879	15.1	Standard
⌊	Ce++	70.0	1573.6	0.014	0.005	38.7	Standard
	Bkgd	220.0	1.1	1.100	0.713	64.8	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.95	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/1/2021 12:12:44 PM
End Time: 7/1/2021 12:15:58 PM

STD Performance Check - [Failed]
Obtained Intensity (Be 9): 8667.08
Obtained Intensity (In 115): 98167.20
Obtained Intensity (U 238): 149238.61
Obtained Intensity (Bkgd 220): 1.10 - <Target not achieved>
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1573.62 / 118064.37)
Obtained Formula (CeO 156 / Ce 140): 0.015 (=1741.64 / 118064.37)

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/1/2021 12:12:44 PM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 1
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 8667.08
		Obtained Intensity (In 115): 98167.20
		Obtained Intensity (U 238): 149238.61
		Obtained Intensity (Bkgd 220): 1.10 - <Target not achieved>
		Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1573.62 / 118064.37)
		Obtained Formula (CeO 156 / Ce 140): 0.015 (=1741.64 / 118064.37)

		[Failed]
[Failed]

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:

[Cancelled]

End Time: 7/1/2021 12:15:58 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/1/2021 12:16:03 PM
End Time: 7/1/2021 12:22:51 PM

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.63 mm	-0.52 mm	134069.17

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.97
Obtained Intensity (In 115): 165053.01
Obtained Formula (CeO 156 / Ce 140): 0.0227 (=3811.51 / 167949.48)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.707)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.692)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.698)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.988; Intercept = -14.07

KED Mode QID - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.43

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/1/2021 12:16:03 PM

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:
		Vertical	Horizontal	Intensity
[Passed]	2.63 mm	-0.52 mm	134069.17

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.95/0.99/0.005.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.023

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 165053.01
		Obtained Formula (CeO 156 / Ce 140): 0.0227 (=3811.51 / 167949.48)
[Passed] Optimum value(s): 0.97

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.707)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.692)
		Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
		Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.698)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.988; Intercept = -14.07

	Analyte	Mass	Points	DAC	MaxIntensity

Li	7	41	-14	46611.9
Mg	24	41	-14	65296.9
In	115	41	-12	165012
Ce	140	41	-12	163486
Pb	208	41	-11	107443
U	238	41	-11	209594

KED Mode QID

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.43

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	31590.9
Mg	24	41	-13.5	57371
In	115	41	-11.5	137999
Ce	140	41	-11	122317
Pb	208	41	-10	72177.9
U	238	41	-9.5	149021

End Time: 7/1/2021 12:22:51 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/1/2021 12:25:13 PM
End Time: 7/1/2021 12:26:19 PM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.96

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/1/2021 12:25:13 PM

QID STD/DRC

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.96

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-14	44228.4
Mg	24	41	-14	117836
In	115	41	-12	158498
Ce	140	41	-11.5	162058
Pb	208	41	-10.5	106322
U	238	41	-10.5	210820

End Time: 7/1/2021 12:26:19 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, July 01, 2021 13:08:13
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11119
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	11794.9	11794.869	225.609	1.9	Standard
	In	114.9	142061.4	142061.429	1200.227	0.8	Standard
	U	238.1	197162.0	197161.989	1052.828	0.5	Standard
⌈	CeO	155.9	3355.1	0.024	0.000	1.1	Standard
| >	Ce	139.9	137355.4	137355.412	1259.743	0.9	Standard
⌊	Ce++	70.0	1844.4	0.013	0.000	1.4	Standard
	Bkgd	220.0	1.1	1.100	0.401	36.5	Standard

Current Conditions File Data

Current Value	Description
0.97	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1650.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.97	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDual.swz

Start Time: 7/1/2021 12:30:17 PM
End Time: 7/1/2021 1:10:17 PM

Detector Voltages - [Passed]
	Pulse Stage Voltage - [Passed] Optimum value(s): 1650
	Analog Stage Voltage - [Passed] Optimum value(s): -1862
	Pulse Stage Voltage (Fine-tune) - [Passed] Optimum value(s): 1650

Dual Detector Calibration
	Points Collected: 401
	Calibration unsuccessful for some masses due to insufficient pulse/analog crossover points

STD Performance Check - [Passed] Optimum value(s): N/A
	Obtained Intensity (Be 9): 11794.87
	Obtained Intensity (In 115): 142061.43
	Obtained Intensity (U 238): 197161.99
	Obtained Intensity (Bkgd 220): 1.10
	Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1844.39 / 137355.41)
	Obtained Formula (CeO 156 / Ce 140): 0.024 (=3355.13 / 137355.41)

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDual.swz

Optimization Status

Start Time: 7/1/2021 12:30:17 PM

Detector Voltages
	Pulse Stage Voltage Optimization Settings:
		Method: Pulse Stage Optimization.mth.
			Initial Try - Start/End/Step: 600/1300/50.
			Retry 1 - Start/End/Step: 600/1800/50.
		Optimization Criterion (Pulse 76): 0.1

	Analog Stage Voltage Optimization Settings:
		Method: Analog Stage Optimization.mth.
		Initial Try - Start/End: -1300/-1900.
		Retry 1 - Start/End: -1300/-2400.
		Optimization Criterion (Analog 80): Target Gain 10000

	Pulse Stage Voltage Results:
	Initial Try

		[Failed]
	Retry 1

		Intensity Obtained For Criterion (Pulse 76): 62476.32
[Passed] Optimum value(s): 1650
	Analog Stage Voltage Results:
	Initial Try
		Interim Gain Values: 5104.73 (-1600V), 6637.05 (-1750V), 8341.73 (-1825V), 9380.15 (-1862.5V)
		Analyte: Analog 80
		ACEM(volts): -1862
		Achieved Gain: 9380.15
		Achieved NMax: 1.33469e+009
		Conversion Factor: 0.0959023
		Passes: 4
		Points Collected: 31
		Points Used: 4
		Coefficient: 1
[Passed] Optimum value(s): -1862
	Pulse Stage Voltage (Fine-tune) Results:
	Initial Try

		[Failed]
	Retry 1

		Intensity Obtained For Criterion (Pulse 76): 61302.25
[Passed] Optimum value(s): 1650

Dual Detector Calibration
	Optimization Settings:
		Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\DualDetectorNew.mth.
			Initial Try - Start/End/Step: -20/0/0.05.

```
        Optimization Results:
        Initial Try
        Points Collected: 401
        Calibration unsuccessful for some masses due to insufficient pulse/analog crossover points


STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 10
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 11794.87
                Obtained Intensity (In 115): 142061.43
                Obtained Intensity (U 238): 197161.99
                Obtained Intensity (Bkgd 220): 1.10
                Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1844.39 / 137355.41)
                Obtained Formula (CeO 156 / Ce 140): 0.024 (=3355.13 / 137355.41)

[Passed]  Optimum value(s): N/A

End Time: 7/1/2021 1:10:17 PM
```

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:13:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				29742	1	Standard
	Cl	**37**		ug/L				8962360	0	Standard
⌈>	**Sc**	**45**		ug/L				1606761	1	Standard
|	**Al**	**27**		ug/L				11273	1	Standard
|	**Cr**	**52**		ug/L				15860	0	Standard
|	**Cr**	**53**		ug/L				117	8	Standard
|	**Fe**	**54**		ug/L				93522	1	Standard
|	**Fe**	**57**		ug/L				14099	2	Standard
⌊	**Mn**	**55**		ug/L				1938	4	Standard
⌈>	**Ge**	**72**		ug/L				87087	1	KED
|	**Ni**	**60**		ug/L				41	7	KED
|	**Ni**	**62**		ug/L				12	65	KED
|	**Cu**	**63**		ug/L				114	9	KED
|	**Cu**	**65**		ug/L				59	12	KED
|	**Zn**	**66**		ug/L				203	18	KED
|	**Zn**	**67**		ug/L				36	36	KED
|	**As**	**75**		ug/L				2	69	KED
⌊	**Se**	**78**		ug/L				9	47	KED
	Y	**89**		ug/L				837959	3	Standard
	Kr	**83**		ug/L				320	5	Standard
⌈>	**In-1**	**115**		ug/L				26418	0	KED
|	**Cd**	**111**		ug/L				2	21	KED
⌊	**Cd**	**114**		ug/L				4	80	KED
⌈>	**In**	**115**		ug/L				1677151	1	Standard
⌊	**Ag**	**107**		ug/L				77	13	Standard
⌈>	**Tb**	**159**		ug/L				2806950	0	Standard
⌊	**Pb**	**208**		ug/L				1320	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:17:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	31409	1	Standard
	Cl	**37**		ug/L			8962360	9027741	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1687815	0	Standard
|	**Al**	**27**	**20.000**	ug/L	0.136	0	11273	661143	0	Standard
|	**Cr**	**52**	**0.500**	ug/L	0.008	1	15860	30056	1	Standard
|	**Cr**	**53**	**0.500**	ug/L	0.012	2	117	1828	2	Standard
|	**Fe**	**54**	**36.000**	ug/L	0.479	1	93522	205298	0	Standard
|	**Fe**	**57**	**36.000**	ug/L	0.331	0	14099	55153	0	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.004	0	1938	23479	0	Standard
⌈>	**Ge**	**72**		ug/L			87087	89575	1	KED
|	**Ni**	**60**	**0.500**	ug/L	0.016	3	41	751	3	KED
|	**Ni**	**62**	**0.500**	ug/L	0.095	18	12	135	17	KED
|	**Cu**	**63**	**0.500**	ug/L	0.013	2	114	2416	2	KED
|	**Cu**	**65**	**0.500**	ug/L	0.032	6	59	1243	6	KED
|	**Zn**	**66**	**6.000**	ug/L	0.283	4	203	4257	4	KED
|	**Zn**	**67**	**6.000**	ug/L	0.326	5	36	611	4	KED
|	**As**	**75**	**0.200**	ug/L	0.014	7	2	62	7	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.097	19	9	27	12	KED
	Y	**89**		ug/L			837959	894987	1	Standard
	Kr	**83**		ug/L			320	328	3	Standard
⌈>	**In-1**	**115**		ug/L			26418	27309	0	KED
|	**Cd**	**111**	**0.100**	ug/L	0.019	19	2	42	18	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.013	13	4	100	12	KED
⌈>	**In**	**115**		ug/L			1677151	1754416	1	Standard
⌊	**Ag**	**107**	**0.200**	ug/L	0.006	3	77	5545	3	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2887080	0	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.001	1	1320	14785	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:22:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	53095	0	Standard
	Cl	**37**		ug/L			8962360	8915381	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1700983	2	Standard
|	**Al**	**27**	**1000.003**	ug/L	15.413	1	11273	32966245	1	Standard
|	**Cr**	**52**	**10.002**	ug/L	0.108	1	15860	311023	2	Standard
|	**Cr**	**53**	**10.000**	ug/L	0.110	1	117	34413	3	Standard
|	**Fe**	**54**	**1000.036**	ug/L	11.996	1	93522	3181017	1	Standard
|	**Fe**	**57**	**1000.047**	ug/L	4.822	0	14099	1186694	3	Standard
⌊	**Mn**	**55**	**10.002**	ug/L	0.239	2	1938	465472	4	Standard
⌈>	**Ge**	**72**		ug/L			87087	91383	1	KED
|	**Ni**	**60**	**10.002**	ug/L	0.177	1	41	15707	1	KED
|	**Ni**	**62**	**10.000**	ug/L	0.096	0	12	2522	1	KED
|	**Cu**	**63**	**10.000**	ug/L	0.112	1	114	46267	2	KED
|	**Cu**	**65**	**9.999**	ug/L	0.114	1	59	23510	2	KED
|	**Zn**	**66**	**10.015**	ug/L	0.319	3	203	7131	1	KED
|	**Zn**	**67**	**10.352**	ug/L	0.381	3	36	1158	2	KED
|	**As**	**75**	**10.000**	ug/L	0.201	2	2	3229	1	KED
⌊	**Se**	**78**	**10.001**	ug/L	0.208	2	9	398	3	KED
	Y	**89**		ug/L			837959	891705	3	Standard
	Kr	**83**		ug/L			320	358	11	Standard
⌈>	**In-1**	**115**		ug/L			26418	27227	0	KED
|	**Cd**	**111**	**10.000**	ug/L	0.085	0	2	4083	0	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.073	0	4	10528	1	KED
⌈>	**In**	**115**		ug/L			1677151	1739840	3	Standard
⌊	**Ag**	**107**	**10.000**	ug/L	0.084	0	77	273665	3	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2934769	2	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.109	1	1320	1351713	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:26:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	53434	0	Standard
	Cl	**37**		ug/L			8962360	8971226	0	Standard
⎡>	**Sc**	**45**		ug/L			1606761	1767116	0	Standard
⎢	**Al**	**27**	**1984.963**	ug/L	33.309	1	11273	66002164	1	Standard
⎢	**Cr**	**52**	**19.927**	ug/L	0.273	1	15860	617740	1	Standard
⎢	**Cr**	**53**	**19.914**	ug/L	0.224	1	117	69865	1	Standard
⎢	**Fe**	**54**	**1993.382**	ug/L	4.955	0	93522	6403193	0	Standard
⎢	**Fe**	**57**	**1998.386**	ug/L	17.941	0	14099	2440086	0	Standard
⎣	**Mn**	**55**	**19.908**	ug/L	0.062	0	1938	943103	0	Standard
⎡>	**Ge**	**72**		ug/L			87087	93322	0	KED
⎢	**Ni**	**60**	**19.953**	ug/L	0.293	1	41	31661	2	KED
⎢	**Ni**	**62**	**20.029**	ug/L	0.648	3	12	5178	3	KED
⎢	**Cu**	**63**	**19.978**	ug/L	0.294	1	114	93862	2	KED
⎢	**Cu**	**65**	**19.944**	ug/L	0.141	0	59	47290	0	KED
⎢	**Zn**	**66**	**20.011**	ug/L	0.055	0	203	14364	0	KED
⎢	**Zn**	**67**	**20.096**	ug/L	0.275	1	36	2292	1	KED
⎢	**As**	**75**	**19.919**	ug/L	0.241	1	2	6463	1	KED
⎣	**Se**	**78**	**19.911**	ug/L	0.640	3	9	786	3	KED
	Y	**89**		ug/L			837959	913707	2	Standard
	Kr	**83**		ug/L			320	339	0	Standard
⎡>	**In-1**	**115**		ug/L			26418	28123	0	KED
⎢	**Cd**	**111**	**19.849**	ug/L	0.646	3	2	8125	3	KED
⎣	**Cd**	**114**	**19.890**	ug/L	0.132	0	4	21161	0	KED
⎡>	**In**	**115**		ug/L			1677151	1793660	0	Standard
⎣	**Ag**	**107**	**20.002**	ug/L	0.321	1	77	564549	1	Standard
⎡>	**Tb**	**159**		ug/L			2806950	3011151	1	Standard
⎣	**Pb**	**208**	**19.964**	ug/L	0.137	0	1320	2747791	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:31:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	31881	2	Standard
	Cl	**37**		ug/L			8962360	8861072	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1665680	1	Standard
|	**Al**	**27**	**5027.108**	ug/L	177.468	3	11273	161871246	2	Standard
|	**Cr**	**52**	**50.287**	ug/L	0.284	0	15860	1486441	1	Standard
|	**Cr**	**53**	**50.331**	ug/L	0.702	1	117	171919	1	Standard
|	**Fe**	**54**	**5027.871**	ug/L	46.282	0	93522	15503609	0	Standard
|	**Fe**	**57**	**5015.291**	ug/L	130.422	2	14099	5837425	0	Standard
⌊	**Mn**	**55**	**50.365**	ug/L	0.950	1	1938	2330414	0	Standard
⌈>	**Ge**	**72**		ug/L			87087	90364	0	KED
|	**Ni**	**60**	**50.153**	ug/L	0.575	1	41	78186	1	KED
|	**Ni**	**62**	**50.130**	ug/L	0.566	1	12	12693	1	KED
|	**Cu**	**63**	**49.980**	ug/L	0.305	0	114	226734	0	KED
|	**Cu**	**65**	**50.026**	ug/L	0.269	0	59	115066	0	KED
|	**Zn**	**66**	**50.014**	ug/L	0.532	1	203	34492	1	KED
|	**Zn**	**67**	**50.160**	ug/L	0.321	0	36	5566	0	KED
|	**As**	**75**	**50.175**	ug/L	0.512	1	2	16041	1	KED
⌊	**Se**	**78**	**49.893**	ug/L	0.542	1	9	1874	1	KED
	Y	**89**		ug/L			837959	886211	2	Standard
	Kr	**83**		ug/L			320	353	3	Standard
⌈>	**In-1**	**115**		ug/L			26418	26192	3	KED
|	**Cd**	**111**	**50.226**	ug/L	1.320	2	2	19577	1	KED
⌊	**Cd**	**114**	**50.209**	ug/L	1.767	3	4	50764	0	KED
⌈>	**In**	**115**		ug/L			1677151	1711051	0	Standard
⌊	**Ag**	**107**	**49.928**	ug/L	1.235	2	77	1334457	1	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2932323	0	Standard
⌊	**Pb**	**208**	**50.042**	ug/L	0.429	0	1320	6733491	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:37:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	43720	1	Standard
	Cl	**37**		ug/L			8962360	8804116	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1658667	0	Standard
|	**Al**	**27**	**10056.433**	ug/L	111.082	1	11273	328761759	1	Standard
|	**Cr**	**52**	**100.231**	ug/L	0.044	0	15860	2956805	0	Standard
|	**Cr**	**53**	**99.769**	ug/L	0.911	0	117	336688	1	Standard
|	**Fe**	**54**	**9980.136**	ug/L	49.368	0	93522	30352697	0	Standard
|	**Fe**	**57**	**10014.772**	ug/L	59.839	0	14099	11654098	0	Standard
⌊	**Mn**	**55**	**99.665**	ug/L	1.078	1	1938	4540465	1	Standard
⌈>	**Ge**	**72**		ug/L			87087	87870	0	KED
|	**Ni**	**60**	**99.821**	ug/L	0.625	0	41	150377	0	KED
|	**Ni**	**62**	**99.841**	ug/L	1.096	1	12	24440	0	KED
|	**Cu**	**63**	**100.070**	ug/L	0.264	0	114	442360	1	KED
|	**Cu**	**65**	**99.896**	ug/L	0.871	0	59	222587	0	KED
|	**Zn**	**66**	**99.712**	ug/L	1.630	1	203	66039	1	KED
|	**Zn**	**67**	**100.194**	ug/L	1.202	1	36	10844	1	KED
|	**As**	**75**	**100.420**	ug/L	0.733	0	2	31659	0	KED
⌊	**Se**	**78**	**100.542**	ug/L	1.323	1	9	3731	0	KED
	Y	**89**		ug/L			837959	850668	2	Standard
	Kr	**83**		ug/L			320	373	2	Standard
⌈>	**In-1**	**115**		ug/L			26418	26449	0	KED
|	**Cd**	**111**	**99.546**	ug/L	1.555	1	2	38613	0	KED
⌊	**Cd**	**114**	**99.561**	ug/L	0.483	0	4	100254	0	KED
⌈>	**In**	**115**		ug/L			1677151	1677887	1	Standard
⌊	**Ag**	**107**	**99.811**	ug/L	1.084	1	77	2599666	0	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2920431	0	Standard
⌊	**Pb**	**208**	**99.575**	ug/L	1.601	1	1320	13155446	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:45:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	31057	0	Standard
	Cl	**37**		ug/L			8962360	8304108	0	Standard
⎡>	**Sc**	**45**		ug/L			1606761	1724916	0	Standard
⎢	**Al**	**27**	**0.078**	ug/L	0.046	58	11273	14753	10	Standard
⎢	**Cr**	**52**	**0.015**	ug/L	0.006	39	15860	17472	1	Standard
⎢	**Cr**	**53**	**0.000**	ug/L	0.002	611	117	126	4	Standard
⎢	**Fe**	**54**	**-0.299**	ug/L	0.204	68	93522	99458	0	Standard
⎢	**Fe**	**57**	**1.349**	ug/L	0.453	33	14099	16766	3	Standard
⎣	**Mn**	**55**	**0.057**	ug/L	0.003	5	1938	4766	3	Standard
⎡>	**Ge**	**72**		ug/L			87087	92469	1	KED
⎢	**Ni**	**60**	**0.014**	ug/L	0.007	48	41	66	15	KED
⎢	**Ni**	**62**	**-0.000**	ug/L	0.024	4814	12	12	48	KED
⎢	**Cu**	**63**	**0.007**	ug/L	0.010	141	114	153	28	KED
⎢	**Cu**	**65**	**0.005**	ug/L	0.010	189	59	75	29	KED
⎢	**Zn**	**66**	**0.045**	ug/L	0.011	25	203	246	4	KED
⎢	**Zn**	**67**	**0.002**	ug/L	0.147	9558	36	38	44	KED
⎢	**As**	**75**	**0.016**	ug/L	0.010	58	2	7	39	KED
⎣	**Se**	**78**	**0.008**	ug/L	0.051	638	9	9	20	KED
	Y	**89**		ug/L			837959	870823	2	Standard
	Kr	**83**		ug/L			320	370	11	Standard
⎡>	**In-1**	**115**		ug/L			26418	27753	0	KED
⎢	**Cd**	**111**	**0.002**	ug/L	0.007	334	2	3	78	KED
⎣	**Cd**	**114**	**-0.003**	ug/L	0.003	104	4	2	119	KED
⎡>	**In**	**115**		ug/L			1677151	1769037	1	Standard
⎣	**Ag**	**107**	**0.004**	ug/L	0.002	41	77	196	25	Standard
⎡>	**Tb**	**159**		ug/L			2806950	2946534	1	Standard
⎣	**Pb**	**208**	**0.003**	ug/L	0.000	16	1320	1766	4	Standard

Sample Information

Sample Date/Time: Thursday, July 01, 2021 14:37:55
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Al	27	**0.9999**	0.020	20.00	1000	2000	5000	10000
Cr	52	**1.0000**	0.018	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Fe	54	**1.0000**	0.002	36.00	1000	2000	5000	10000
Fe	57	**1.0000**	0.001	36.00	1000	2000	5000	10000
Mn	55	**0.9999**	0.027	0.50	10	20	50	100
Ge	72							
Ni	60	**1.0000**	0.017	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.050	0.50	10	20	50	100
Cu	65	**1.0000**	0.025	0.50	10	20	50	100
Zn	66	**1.0000**	0.008	6.00	10	20	50	100
Zn	67	**1.0000**	0.001	6.00	10	20	50	100
As	75	**1.0000**	0.004	0.20	10	20	50	100
Se	78	**0.9999**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Cd	111	**0.9999**	0.015	0.10	10	20	50	100
Cd	114	**1.0000**	0.038	0.10	10	20	50	100
In	115							
Ag	107	**1.0000**	0.016	0.20	10	20	50	100
Tb	159							
Pb	208	**1.0000**	0.045	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:50:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	33453	0	Standard
	Cl	**37**		ug/L			8962360	8682860	0	Standard
⎡>	**Sc**	**45**		ug/L			1606761	1747332	0	Standard
⎢	**Al**	**27**	**4759.838**	ug/L	48.152	1	11273	163926861	1	Standard
⎢	**Cr**	**52**	**47.601**	ug/L	0.073	0	15860	1488332	0	Standard
⎢	**Cr**	**53**	**48.436**	ug/L	0.288	0	117	172255	0	Standard
⎢	**Fe**	**54**	**4784.345**	ug/L	51.572	1	93522	15381067	0	Standard
⎢	**Fe**	**57**	**4754.849**	ug/L	46.883	0	14099	5836773	0	Standard
⎣	**Mn**	**55**	**49.170**	ug/L	0.419	0	1938	2360858	0	Standard
⎡>	**Ge**	**72**		ug/L			87087	90594	1	KED
⎢	**Ni**	**60**	**50.549**	ug/L	0.186	0	41	78537	1	KED
⎢	**Ni**	**62**	**50.311**	ug/L	0.788	1	12	12705	2	KED
⎢	**Cu**	**63**	**50.114**	ug/L	0.058	0	114	228453	1	KED
⎢	**Cu**	**65**	**50.007**	ug/L	0.475	0	59	114909	0	KED
⎢	**Zn**	**66**	**48.477**	ug/L	0.624	1	203	33208	0	KED
⎢	**Zn**	**67**	**49.398**	ug/L	0.615	1	36	5531	1	KED
⎢	**As**	**75**	**48.473**	ug/L	0.132	0	2	15757	1	KED
⎣	**Se**	**78**	**76.505**	ug/L	0.472	0	9	2930	1	KED
	Y	**89**		ug/L			837959	894287	1	Standard
	Kr	**83**		ug/L			320	394	4	Standard
⎡>	**In-1**	**115**		ug/L			26418	27276	0	KED
⎢	**Cd**	**111**	**49.777**	ug/L	0.587	1	2	19915	1	KED
⎣	**Cd**	**114**	**49.436**	ug/L	0.591	1	4	51340	1	KED
⎡>	**In**	**115**		ug/L			1677151	1736693	0	Standard
⎣	**Ag**	**107**	**48.357**	ug/L	0.857	1	77	1303698	1	Standard
⎡>	**Tb**	**159**		ug/L			2806950	2956156	0	Standard
⎣	**Pb**	**208**	**49.923**	ug/L	0.547	1	1320	6677439	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 14:57:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	30731	0	Standard
	Cl	**37**		ug/L			8962360	8197625	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1727076	0	Standard
|	**Al**	**27**	**1.373**	ug/L	1.153	83	11273	58611	66	Standard
|	**Cr**	**52**	**0.038**	ug/L	0.028	74	15860	18199	3	Standard
|	**Cr**	**53**	**0.011**	ug/L	0.016	146	117	165	34	Standard
|	**Fe**	**54**	**0.253**	ug/L	1.535	607	93522	101295	3	Standard
|	**Fe**	**57**	**2.519**	ug/L	1.421	56	14099	18193	8	Standard
⌊	**Mn**	**55**	**0.075**	ug/L	0.015	20	1938	5623	12	Standard
⌈>	**Ge**	**72**		ug/L			87087	92402	1	KED
|	**Ni**	**60**	**0.014**	ug/L	0.003	25	41	65	7	KED
|	**Ni**	**62**	**-0.010**	ug/L	0.019	186	12	10	47	KED
|	**Cu**	**63**	**0.005**	ug/L	0.004	77	114	143	11	KED
|	**Cu**	**65**	**0.003**	ug/L	0.007	235	59	70	24	KED
|	**Zn**	**66**	**0.076**	ug/L	0.028	36	203	268	7	KED
|	**Zn**	**67**	**0.076**	ug/L	0.041	53	36	46	10	KED
|	**As**	**75**	**0.008**	ug/L	0.002	18	2	5	9	KED
⌊	**Se**	**78**	**-0.043**	ug/L	0.057	130	9	7	28	KED
	Y	**89**		ug/L			837959	888658	0	Standard
	Kr	**83**		ug/L			320	363	12	Standard
⌈>	**In-1**	**115**		ug/L			26418	27631	0	KED
|	**Cd**	**111**	**0.004**	ug/L	0.006	161	2	4	58	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	1714	4	4	62	KED
⌈>	**In**	**115**		ug/L			1677151	1751131	1	Standard
⌊	**Ag**	**107**	**0.015**	ug/L	0.011	71	77	495	60	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2944144	0	Standard
⌊	**Pb**	**208**	**0.016**	ug/L	0.012	73	1320	3503	44	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:02:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	31722	0	Standard
	Cl	**37**		ug/L			8962360	8627840	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1693120	0	Standard
|	**Al**	**27**	**4975.845**	ug/L	28.311	0	11273	166048237	0	Standard
|	**Cr**	**52**	**49.374**	ug/L	0.490	0	15860	1495204	0	Standard
|	**Cr**	**53**	**50.272**	ug/L	0.847	1	117	173221	1	Standard
|	**Fe**	**54**	**4991.973**	ug/L	33.375	0	93522	15546301	0	Standard
|	**Fe**	**57**	**4966.229**	ug/L	50.421	1	14099	5906400	0	Standard
⌊	**Mn**	**55**	**50.727**	ug/L	0.635	1	1938	2359911	0	Standard
⌈>	**Ge**	**72**		ug/L			87087	92377	1	KED
|	**Ni**	**60**	**49.774**	ug/L	0.347	0	41	78853	1	KED
|	**Ni**	**62**	**50.075**	ug/L	0.456	0	12	12893	1	KED
|	**Cu**	**63**	**49.897**	ug/L	0.509	1	114	231934	1	KED
|	**Cu**	**65**	**49.765**	ug/L	0.491	0	59	116607	1	KED
|	**Zn**	**66**	**50.810**	ug/L	0.544	1	203	35482	1	KED
|	**Zn**	**67**	**49.571**	ug/L	0.720	1	36	5660	2	KED
|	**As**	**75**	**49.881**	ug/L	0.241	0	2	16533	0	KED
⌊	**Se**	**78**	**50.871**	ug/L	0.274	0	9	1989	1	KED
	Y	**89**		ug/L			837959	874808	2	Standard
	Kr	**83**		ug/L			320	354	8	Standard
⌈>	**In-1**	**115**		ug/L			26418	26537	2	KED
|	**Cd**	**111**	**50.641**	ug/L	1.244	2	2	19706	2	KED
⌊	**Cd**	**114**	**50.741**	ug/L	0.746	1	4	51272	3	KED
⌈>	**In**	**115**		ug/L			1677151	1705698	0	Standard
⌊	**Ag**	**107**	**49.634**	ug/L	0.409	0	77	1314314	0	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2948867	1	Standard
⌊	**Pb**	**208**	**49.494**	ug/L	0.804	1	1320	6602825	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:09:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	30841	1	Standard
	Cl	**37**		ug/L			8962360	8066080	0	Standard
>	**Sc**	**45**		ug/L			1606761	1692500	3	Standard
	Al	**27**	**0.038**	ug/L	0.008	20	11273	13127	1	Standard
	Cr	**52**	**0.023**	ug/L	0.014	63	15860	17377	0	Standard
	Cr	**53**	**0.001**	ug/L	0.003	398	117	125	6	Standard
	Fe	**54**	**0.424**	ug/L	1.364	321	93522	99742	1	Standard
	Fe	**57**	**1.647**	ug/L	0.463	28	14099	16793	0	Standard
	Mn	**55**	**0.058**	ug/L	0.004	6	1938	4713	2	Standard
>	**Ge**	**72**		ug/L			87087	89654	1	KED
	Ni	**60**	**0.015**	ug/L	0.002	13	41	65	4	KED
	Ni	**62**	**0.004**	ug/L	0.026	736	12	13	49	KED
	Cu	**63**	**0.002**	ug/L	0.002	117	114	126	9	KED
	Cu	**65**	**0.005**	ug/L	0.004	83	59	71	13	KED
	Zn	**66**	**0.037**	ug/L	0.051	139	203	234	16	KED
	Zn	**67**	**0.025**	ug/L	0.027	109	36	40	8	KED
	As	**75**	**0.004**	ug/L	0.002	48	2	3	15	KED
	Se	**78**	**-0.004**	ug/L	0.068	1874	9	9	29	KED
	Y	**89**		ug/L			837959	843454	0	Standard
	Kr	**83**		ug/L			320	342	1	Standard
>	**In-1**	**115**		ug/L			26418	26378	1	KED
	Cd	**111**	**0.004**	ug/L	0.004	87	2	4	35	KED
	Cd	**114**	**0.000**	ug/L	0.006	3859	4	4	120	KED
>	**In**	**115**		ug/L			1677151	1681342	1	Standard
	Ag	**107**	**0.002**	ug/L	0.001	33	77	140	14	Standard
>	**Tb**	**159**		ug/L			2806950	2850355	1	Standard
	Pb	**208**	**0.002**	ug/L	0.000	19	1320	1643	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:13:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	38621	0	Standard
	Cl	**37**		ug/L			8962360	7999218	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1658196	2	Standard
|	**Al**	**27**	**19.889**	ug/L	0.654	3	11273	661253	0	Standard
|	**Cr**	**52**	**0.551**	ug/L	0.037	6	15860	32498	1	Standard
|	**Cr**	**53**	**0.493**	ug/L	0.011	2	117	1784	1	Standard
|	**Fe**	**54**	**36.990**	ug/L	2.021	5	93522	208525	0	Standard
|	**Fe**	**57**	**38.031**	ug/L	0.838	2	14099	58723	0	Standard
⌊	**Mn**	**55**	**0.480**	ug/L	0.016	3	1938	23835	1	Standard
⌈>	**Ge**	**72**		ug/L			87087	90326	1	KED
|	**Ni**	**60**	**0.464**	ug/L	0.013	2	41	760	1	KED
|	**Ni**	**62**	**0.494**	ug/L	0.101	20	12	136	17	KED
|	**Cu**	**63**	**0.510**	ug/L	0.024	4	114	2436	5	KED
|	**Cu**	**65**	**0.489**	ug/L	0.028	5	59	1182	6	KED
|	**Zn**	**66**	**6.312**	ug/L	0.046	0	203	4494	1	KED
|	**Zn**	**67**	**5.610**	ug/L	0.435	7	36	659	7	KED
|	**As**	**75**	**0.190**	ug/L	0.009	4	2	64	5	KED
⌊	**Se**	**78**	**0.437**	ug/L	0.237	54	9	25	35	KED
	Y	**89**		ug/L			837959	858642	2	Standard
	Kr	**83**		ug/L			320	330	8	Standard
⌈>	**In-1**	**115**		ug/L			26418	26694	2	KED
|	**Cd**	**111**	**0.100**	ug/L	0.006	5	2	41	3	KED
⌊	**Cd**	**114**	**0.088**	ug/L	0.006	7	4	93	5	KED
⌈>	**In**	**115**		ug/L			1677151	1698654	0	Standard
⌊	**Ag**	**107**	**0.198**	ug/L	0.006	3	77	5298	3	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2875459	0	Standard
⌊	**Pb**	**208**	**0.112**	ug/L	0.001	1	1320	15985	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:18:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	185068	0	Standard
	Cl	**37**		ug/L			8962360	18128848	0	Standard
>	**Sc**	**45**		ug/L			1606761	1730133	0	Standard
	Al	**27**	**19482.792**	ug/L	221.227	1	11273	664327343	0	Standard
	Cr	**52**	**0.573**	ug/L	0.001	0	15860	34627	0	Standard
	Cr	**53**	**6.193**	ug/L	0.117	1	117	21916	1	Standard
	Fe	**54**	**20329.480**	ug/L	153.164	0	93522	64387376	0	Standard
	Fe	**57**	**20826.889**	ug/L	246.061	1	14099	25263454	1	Standard
	Mn	**55**	**0.099**	ug/L	0.001	1	1938	6767	0	Standard
>	**Ge**	**72**		ug/L			87087	87868	0	KED
	Ni	**60**	**0.045**	ug/L	0.014	30	41	109	19	KED
	Ni	**62**	**0.148**	ug/L	0.030	20	12	48	14	KED
	Cu	**63**	**0.048**	ug/L	0.005	11	114	328	7	KED
	Cu	**65**	**0.054**	ug/L	0.003	6	59	180	4	KED
	Zn	**66**	**0.155**	ug/L	0.043	27	203	307	9	KED
	Zn	**67**	**0.156**	ug/L	0.086	55	36	53	17	KED
	As	**75**	**0.032**	ug/L	0.005	16	2	12	13	KED
	Se	**78**	**0.012**	ug/L	0.095	803	9	9	37	KED
	Y	**89**		ug/L			837959	848027	1	Standard
	Kr	**83**		ug/L			320	525	7	Standard
>	**In-1**	**115**		ug/L			26418	26096	1	KED
	Cd	**111**	**0.081**	ug/L	0.003	3	2	33	1	KED
	Cd	**114**	**0.052**	ug/L	0.010	19	4	56	18	KED
>	**In**	**115**		ug/L			1677151	1731908	1	Standard
	Ag	**107**	**0.006**	ug/L	0.000	4	77	229	3	Standard
>	**Tb**	**159**		ug/L			2806950	3005916	0	Standard
	Pb	**208**	**0.011**	ug/L	0.000	3	1320	2967	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:22:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	181282	0	Standard
	Cl	**37**		ug/L			8962360	17784195	0	Standard
>	**Sc**	**45**		ug/L			1606761	1732472	0	Standard
	Al	**27**	**19196.556**	ug/L	385.712	2	11273	655439064	1	Standard
	Cr	**52**	**19.606**	ug/L	0.117	0	15860	617886	0	Standard
	Cr	**53**	**26.582**	ug/L	0.110	0	117	93790	0	Standard
	Fe	**54**	**20566.082**	ug/L	133.398	0	93522	65223205	0	Standard
	Fe	**57**	**20984.196**	ug/L	80.781	0	14099	25488742	0	Standard
	Mn	**55**	**19.873**	ug/L	0.303	1	1938	947304	1	Standard
>	**Ge**	**72**		ug/L			87087	86125	1	KED
	Ni	**60**	**20.743**	ug/L	0.258	1	41	30658	0	KED
	Ni	**62**	**20.831**	ug/L	0.665	3	12	5006	2	KED
	Cu	**63**	**20.096**	ug/L	0.250	1	114	87148	0	KED
	Cu	**65**	**20.096**	ug/L	0.177	0	59	43936	1	KED
	Zn	**66**	**19.647**	ug/L	0.159	0	203	12915	0	KED
	Zn	**67**	**18.253**	ug/L	0.632	3	36	1965	2	KED
	As	**75**	**19.793**	ug/L	0.101	0	2	6117	0	KED
	Se	**78**	**0.037**	ug/L	0.071	193	9	10	26	KED
	Y	**89**		ug/L			837959	859130	1	Standard
	Kr	**83**		ug/L			320	531	8	Standard
>	**In-1**	**115**		ug/L			26418	25575	1	KED
	Cd	**111**	**20.128**	ug/L	0.334	1	2	7550	0	KED
	Cd	**114**	**20.170**	ug/L	0.231	1	4	19641	1	KED
>	**In**	**115**		ug/L			1677151	1742990	0	Standard
	Ag	**107**	**18.639**	ug/L	0.088	0	77	504420	1	Standard
>	**Tb**	**159**		ug/L			2806950	2972492	0	Standard
	Pb	**208**	**0.010**	ug/L	0.000	3	1320	2763	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:26:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	41501	1	Standard
	Cl	**37**		ug/L			8962360	8291697	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1591919	1	Standard
|	**Al**	**27**	**19160.163**	ug/L	421.852	2	11273	601051594	1	Standard
|	**Cr**	**52**	**187.989**	ug/L	3.118	1	15860	5307957	0	Standard
|	**Cr**	**53**	**195.812**	ug/L	2.765	1	117	634013	0	Standard
|	**Fe**	**54**	**19936.765**	ug/L	363.146	1	93522	58092289	0	Standard
|	**Fe**	**57**	**20270.927**	ug/L	393.691	1	14099	22621666	0	Standard
⌊	**Mn**	**55**	**191.502**	ug/L	3.915	2	1938	8370460	1	Standard
⌈>	**Ge**	**72**		ug/L			87087	83301	1	KED
|	**Ni**	**60**	**197.124**	ug/L	4.521	2	41	281445	1	KED
|	**Ni**	**62**	**197.584**	ug/L	4.659	2	12	45835	1	KED
|	**Cu**	**63**	**191.434**	ug/L	2.575	1	114	802057	0	KED
|	**Cu**	**65**	**192.750**	ug/L	0.682	0	59	407113	0	KED
|	**Zn**	**66**	**191.730**	ug/L	1.952	1	203	120195	0	KED
|	**Zn**	**67**	**190.022**	ug/L	0.435	0	36	19465	0	KED
|	**As**	**75**	**194.298**	ug/L	1.894	0	2	58066	0	KED
⌊	**Se**	**78**	**188.969**	ug/L	4.069	2	9	6641	1	KED
	Y	**89**		ug/L			837959	846262	1	Standard
	Kr	**83**		ug/L			320	481	5	Standard
⌈>	**In-1**	**115**		ug/L			26418	24897	0	KED
|	**Cd**	**111**	**194.389**	ug/L	1.903	0	2	70977	0	KED
⌊	**Cd**	**114**	**194.441**	ug/L	2.197	1	4	184292	0	KED
⌈>	**In**	**115**		ug/L			1677151	1632111	1	Standard
⌊	**Ag**	**107**	**192.905**	ug/L	2.747	1	77	4887337	1	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2788016	0	Standard
⌊	**Pb**	**208**	**191.478**	ug/L	0.100	0	1320	24151508	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:31:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	41690	0	Standard
	Cl	**37**		ug/L			8962360	8173402	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1528172	1	Standard
|	**Al**	**27**	**28809.386**	ug/L	507.265	1	11273	867628942	1	Standard
|	**Cr**	**52**	**282.596**	ug/L	1.514	0	15860	7652907	0	Standard
|	**Cr**	**53**	**295.685**	ug/L	5.599	1	117	918980	0	Standard
|	**Fe**	**54**	**29546.032**	ug/L	345.509	1	93522	82607606	0	Standard
|	**Fe**	**57**	**30121.228**	ug/L	349.503	1	14099	32264056	0	Standard
⌊	**Mn**	**55**	**284.791**	ug/L	2.051	0	1938	11949664	0	Standard
⌈>	**Ge**	**72**		ug/L			87087	80077	0	KED
|	**Ni**	**60**	**296.676**	ug/L	4.901	1	41	407189	0	KED
|	**Ni**	**62**	**300.781**	ug/L	2.092	0	12	67077	0	KED
|	**Cu**	**63**	**287.011**	ug/L	2.474	0	114	1155946	0	KED
|	**Cu**	**65**	**286.275**	ug/L	2.700	0	59	581201	0	KED
|	**Zn**	**66**	**283.285**	ug/L	4.989	1	203	170625	1	KED
|	**Zn**	**67**	**285.514**	ug/L	5.101	1	36	28101	2	KED
|	**As**	**75**	**295.280**	ug/L	1.283	0	2	84833	0	KED
⌊	**Se**	**78**	**283.283**	ug/L	5.733	2	9	9566	1	KED
	Y	**89**		ug/L			837959	781456	3	Standard
	Kr	**83**		ug/L			320	643	2	Standard
⌈>	**In-1**	**115**		ug/L			26418	24088	0	KED
|	**Cd**	**111**	**289.090**	ug/L	1.477	0	2	102130	0	KED
⌊	**Cd**	**114**	**290.040**	ug/L	1.911	0	4	265989	1	KED
⌈>	**In**	**115**		ug/L			1677151	1542713	1	Standard
⌊	**Ag**	**107**	**274.334**	ug/L	5.143	1	77	6570550	2	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2681288	0	Standard
⌊	**Pb**	**208**	**282.247**	ug/L	1.271	0	1320	34236917	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:38:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	34460	0	Standard
	Cl	**37**		ug/L			8962360	7845998	0	Standard
⎡>	**Sc**	**45**		ug/L			1606761	1676627	0	Standard
⎢	**Al**	**27**	**1.055**	ug/L	1.308	123	11273	46409	91	Standard
⎢	**Cr**	**52**	**0.038**	ug/L	0.015	40	15860	17676	1	Standard
⎢	**Cr**	**53**	**0.069**	ug/L	0.013	19	117	356	11	Standard
⎢	**Fe**	**54**	**1.456**	ug/L	1.459	100	93522	102029	3	Standard
⎢	**Fe**	**57**	**2.443**	ug/L	1.461	59	14099	17573	8	Standard
⎣	**Mn**	**55**	**-0.015**	ug/L	0.012	85	1938	1349	41	Standard
⎡>	**Ge**	**72**		ug/L			87087	90998	1	KED
⎢	**Ni**	**60**	**-0.004**	ug/L	0.001	25	41	36	2	KED
⎢	**Ni**	**62**	**-0.020**	ug/L	0.007	37	12	7	25	KED
⎢	**Cu**	**63**	**0.025**	ug/L	0.007	26	114	234	13	KED
⎢	**Cu**	**65**	**0.022**	ug/L	0.003	14	59	112	7	KED
⎢	**Zn**	**66**	**0.095**	ug/L	0.036	37	203	276	7	KED
⎢	**Zn**	**67**	**0.098**	ug/L	0.151	153	36	48	35	KED
⎢	**As**	**75**	**0.014**	ug/L	0.004	26	2	7	17	KED
⎣	**Se**	**78**	**-0.002**	ug/L	0.028	1520	9	9	12	KED
	Y	**89**		ug/L			837959	850614	3	Standard
	Kr	**83**		ug/L			320	344	6	Standard
⎡>	**In-1**	**115**		ug/L			26418	27555	1	KED
⎢	**Cd**	**111**	**0.001**	ug/L	0.002	454	2	2	33	KED
⎣	**Cd**	**114**	**0.006**	ug/L	0.003	54	4	11	28	KED
⎡>	**In**	**115**		ug/L			1677151	1706185	1	Standard
⎣	**Ag**	**107**	**0.018**	ug/L	0.011	61	77	547	53	Standard
⎡>	**Tb**	**159**		ug/L			2806950	2819553	0	Standard
⎣	**Pb**	**208**	**0.011**	ug/L	0.012	112	1320	2671	56	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:44:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	31851	1	Standard
	Cl	**37**		ug/L			8962360	8293291	0	Standard
⎡>	**Sc**	**45**		ug/L			1606761	1676163	1	Standard
⎢	**Al**	**27**	**4819.519**	ug/L	135.858	2	11273	159228830	3	Standard
⎢	**Cr**	**52**	**49.029**	ug/L	0.503	1	15860	1469987	0	Standard
⎢	**Cr**	**53**	**49.914**	ug/L	0.275	0	117	170273	0	Standard
⎢	**Fe**	**54**	**4985.275**	ug/L	62.416	1	93522	15370485	1	Standard
⎢	**Fe**	**57**	**4915.031**	ug/L	40.840	0	14099	5787680	1	Standard
⎣	**Mn**	**55**	**49.040**	ug/L	0.889	1	1938	2258498	1	Standard
⎡>	**Ge**	**72**		ug/L			87087	89932	1	KED
⎢	**Ni**	**60**	**49.874**	ug/L	0.943	1	41	76909	0	KED
⎢	**Ni**	**62**	**49.881**	ug/L	0.358	0	12	12504	1	KED
⎢	**Cu**	**63**	**49.642**	ug/L	0.139	0	114	224653	1	KED
⎢	**Cu**	**65**	**49.368**	ug/L	0.461	0	59	112614	0	KED
⎢	**Zn**	**66**	**50.570**	ug/L	0.403	0	203	34382	1	KED
⎢	**Zn**	**67**	**50.382**	ug/L	1.108	2	36	5598	1	KED
⎢	**As**	**75**	**48.818**	ug/L	0.441	0	2	15752	0	KED
⎣	**Se**	**78**	**49.706**	ug/L	1.470	2	9	1892	1	KED
	Y	**89**		ug/L			837959	858166	1	Standard
	Kr	**83**		ug/L			320	322	7	Standard
⎡>	**In-1**	**115**		ug/L			26418	26633	1	KED
⎢	**Cd**	**111**	**50.310**	ug/L	1.254	2	2	19649	1	KED
⎣	**Cd**	**114**	**50.767**	ug/L	1.437	2	4	51466	1	KED
⎡>	**In**	**115**		ug/L			1677151	1660766	0	Standard
⎣	**Ag**	**107**	**50.301**	ug/L	0.689	1	77	1296793	0	Standard
⎡>	**Tb**	**159**		ug/L			2806950	2813527	0	Standard
⎣	**Pb**	**208**	**50.497**	ug/L	0.253	0	1320	6428545	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:51:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	29770	2	Standard
	Cl	**37**		ug/L			8962360	7709757	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1644936	1	Standard
|	**Al**	**27**	**0.082**	ug/L	0.007	8	11273	14200	2	Standard
|	**Cr**	**52**	**0.031**	ug/L	0.015	47	15860	17129	1	Standard
|	**Cr**	**53**	**0.035**	ug/L	0.005	14	117	235	8	Standard
|	**Fe**	**54**	**0.236**	ug/L	0.718	304	93522	96432	0	Standard
|	**Fe**	**57**	**2.721**	ug/L	0.129	4	14099	17570	1	Standard
⌊	**Mn**	**55**	**0.062**	ug/L	0.001	1	1938	4787	1	Standard
⌈>	**Ge**	**72**		ug/L			87087	87813	2	KED
|	**Ni**	**60**	**0.004**	ug/L	0.006	126	41	48	18	KED
|	**Ni**	**62**	**0.005**	ug/L	0.035	695	12	13	62	KED
|	**Cu**	**63**	**0.001**	ug/L	0.003	503	114	118	13	KED
|	**Cu**	**65**	**0.004**	ug/L	0.002	59	59	69	6	KED
|	**Zn**	**66**	**0.075**	ug/L	0.074	99	203	254	20	KED
|	**Zn**	**67**	**0.102**	ug/L	0.095	93	36	47	24	KED
|	**As**	**75**	**0.013**	ug/L	0.006	45	2	6	27	KED
⌊	**Se**	**78**	**-0.005**	ug/L	0.004	89	9	8	2	KED
	Y	**89**		ug/L			837959	848294	0	Standard
	Kr	**83**		ug/L			320	335	8	Standard
⌈>	**In-1**	**115**		ug/L			26418	27274	0	KED
|	**Cd**	**111**	**0.066**	ug/L	0.010	14	2	29	13	KED
⌊	**Cd**	**114**	**0.058**	ug/L	0.010	18	4	64	16	KED
⌈>	**In**	**115**		ug/L			1677151	1696140	1	Standard
⌊	**Ag**	**107**	**0.004**	ug/L	0.001	15	77	187	9	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2781662	0	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.000	6	1320	1865	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0849-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 15:57:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	33983	0	Standard
	Cl	**37**		ug/L			8962360	7512104	0	Standard
>	**Sc**	**45**		ug/L			1606761	1673292	1	Standard
	Al	**27**	**1.423**	ug/L	0.064	4	11273	58685	5	Standard
	Cr	**52**	**0.070**	ug/L	0.013	19	15860	18594	0	Standard
	Cr	**53**	**0.060**	ug/L	0.008	12	117	327	6	Standard
	Fe	**54**	**7.148**	ug/L	0.721	10	93522	119227	0	Standard
	Fe	**57**	**5.174**	ug/L	0.474	9	14099	20743	0	Standard
	Mn	**55**	**0.214**	ug/L	0.003	1	1938	11829	0	Standard
>	**Ge**	**72**		ug/L			87087	89734	2	KED
	Ni	**60**	**0.052**	ug/L	0.001	1	41	122	3	KED
	Ni	**62**	**0.057**	ug/L	0.023	39	12	26	18	KED
	Cu	**63**	**0.202**	ug/L	0.014	6	114	1028	7	KED
	Cu	**65**	**0.182**	ug/L	0.015	8	59	474	7	KED
	Zn	**66**	**0.753**	ug/L	0.060	7	203	717	7	KED
	Zn	**67**	**0.630**	ug/L	0.126	19	36	106	12	KED
	As	**75**	**0.010**	ug/L	0.005	54	2	5	33	KED
	Se	**78**	**0.113**	ug/L	0.052	45	9	13	16	KED
	Y	**89**		ug/L			837959	866648	0	Standard
	Kr	**83**		ug/L			320	371	2	Standard
>	**In-1**	**115**		ug/L			26418	26920	3	KED
	Cd	**111**	**0.001**	ug/L	0.005	577	2	2	57	KED
	Cd	**114**	**-0.003**	ug/L	0.002	75	4	1	109	KED
>	**In**	**115**		ug/L			1677151	1707369	0	Standard
	Ag	**107**	**0.001**	ug/L	0.000	14	77	108	4	Standard
>	**Tb**	**159**		ug/L			2806950	2799133	1	Standard
	Pb	**208**	**0.021**	ug/L	0.001	6	1320	3922	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0849-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:01:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	33574	0	Standard
	Cl	**37**		ug/L			8962360	7716004	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1674662	2	Standard
|	**Al**	**27**	**1.711**	ug/L	0.015	0	11273	68214	2	Standard
|	**Cr**	**52**	**26.002**	ug/L	0.640	2	15860	786354	0	Standard
|	**Cr**	**53**	**26.624**	ug/L	0.650	2	117	90764	0	Standard
|	**Fe**	**54**	**8.436**	ug/L	0.224	2	93522	123287	2	Standard
|	**Fe**	**57**	**4.406**	ug/L	0.396	8	14099	19857	1	Standard
⌊	**Mn**	**55**	**26.765**	ug/L	0.488	1	1938	1232191	0	Standard
⌈>	**Ge**	**72**		ug/L			87087	89736	2	KED
|	**Ni**	**60**	**26.734**	ug/L	0.520	1	41	41147	1	KED
|	**Ni**	**62**	**26.804**	ug/L	0.502	1	12	6708	1	KED
|	**Cu**	**63**	**27.149**	ug/L	0.803	2	114	122576	0	KED
|	**Cu**	**65**	**26.857**	ug/L	0.378	1	59	61145	1	KED
|	**Zn**	**66**	**83.256**	ug/L	1.887	2	203	56322	0	KED
|	**Zn**	**67**	**80.388**	ug/L	0.669	0	36	8893	3	KED
|	**As**	**75**	**25.183**	ug/L	0.310	1	2	8108	1	KED
⌊	**Se**	**78**	**78.988**	ug/L	2.116	2	9	2994	1	KED
	Y	**89**		ug/L			837959	836264	1	Standard
	Kr	**83**		ug/L			320	340	4	Standard
⌈>	**In-1**	**115**		ug/L			26418	25795	2	KED
|	**Cd**	**111**	**27.167**	ug/L	0.076	0	2	10279	2	KED
⌊	**Cd**	**114**	**26.858**	ug/L	0.069	0	4	26378	1	KED
⌈>	**In**	**115**		ug/L			1677151	1701118	1	Standard
⌊	**Ag**	**107**	**27.258**	ug/L	0.599	2	77	719796	1	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2783069	0	Standard
⌊	**Pb**	**208**	**27.596**	ug/L	0.055	0	1320	3475724	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0849-BSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:05:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	34158	1	Standard
	Cl	37		ug/L			8962360	7749179	0	Standard
>	Sc	45		ug/L			1606761	1673343	2	Standard
	Al	27	0.881	ug/L	0.035	3	11273	40780	2	Standard
	Cr	52	25.440	ug/L	0.537	2	15860	769197	0	Standard
	Cr	53	25.874	ug/L	0.348	1	117	88162	1	Standard
	Fe	54	7.212	ug/L	0.799	11	93522	119419	0	Standard
	Fe	57	4.018	ug/L	0.270	6	14099	19393	2	Standard
	Mn	55	25.949	ug/L	0.736	2	1938	1193610	0	Standard
>	Ge	72		ug/L			87087	89980	1	KED
	Ni	60	25.940	ug/L	0.607	2	41	40043	1	KED
	Ni	62	25.658	ug/L	0.158	0	12	6441	1	KED
	Cu	63	26.128	ug/L	0.550	2	114	118338	0	KED
	Cu	65	26.124	ug/L	0.691	2	59	59642	1	KED
	Zn	66	81.132	ug/L	1.563	1	203	55058	1	KED
	Zn	67	76.505	ug/L	0.365	0	36	8488	1	KED
	As	75	24.159	ug/L	0.481	1	2	7801	2	KED
	Se	78	77.978	ug/L	1.629	2	9	2965	0	KED
	Y	89		ug/L			837959	863650	2	Standard
	Kr	83		ug/L			320	340	12	Standard
>	In-1	115		ug/L			26418	26637	1	KED
	Cd	111	26.083	ug/L	0.316	1	2	10190	0	KED
	Cd	114	25.993	ug/L	0.349	1	4	26366	2	KED
>	In	115		ug/L			1677151	1711869	0	Standard
	Ag	107	26.978	ug/L	0.201	0	77	717008	1	Standard
>	Tb	159		ug/L			2806950	2824373	0	Standard
	Pb	208	26.521	ug/L	0.108	0	1320	3389962	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:12:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	49654	0	Standard
	Cl	37		ug/L			8962360	7628834	0	Standard
>	Sc	45		ug/L			1606761	1640157	4	Standard
	Al	27	1.362	ug/L	0.052	3	11273	55499	2	Standard
	Cr	52	0.184	ug/L	0.034	18	15860	21505	0	Standard
	Cr	53	0.191	ug/L	0.008	4	117	756	2	Standard
	Fe	54	1.679	ug/L	1.539	91	93522	100358	0	Standard
	Fe	57	5.390	ug/L	0.815	15	14099	20558	0	Standard
	Mn	55	0.100	ug/L	0.007	6	1938	6456	0	Standard
>	Ge	72		ug/L			87087	92186	0	KED
	Ni	60	0.024	ug/L	0.000	1	41	81	0	KED
	Ni	62	-0.003	ug/L	0.009	315	12	12	18	KED
	Cu	63	0.019	ug/L	0.006	31	114	207	13	KED
	Cu	65	0.022	ug/L	0.008	35	59	114	16	KED
	Zn	66	0.163	ug/L	0.059	36	203	327	11	KED
	Zn	67	0.161	ug/L	0.155	96	36	56	30	KED
	As	75	0.003	ug/L	0.003	90	2	3	27	KED
	Se	78	0.025	ug/L	0.104	420	9	10	38	KED
	Y	89		ug/L			837959	835201	0	Standard
	Kr	83		ug/L			320	360	3	Standard
>	In-1	115		ug/L			26418	27032	0	KED
	Cd	111	-0.001	ug/L	0.004	382	2	2	65	KED
	Cd	114	-0.002	ug/L	0.002	82	4	2	69	KED
>	In	115		ug/L			1677151	1668948	0	Standard
	Ag	107	0.003	ug/L	0.000	3	77	162	2	Standard
>	Tb	159		ug/L			2806950	2806358	0	Standard
	Pb	208	-0.003	ug/L	0.001	18	1320	948	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:16:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	55067	1	Standard
	Cl	37		ug/L			8962360	8333112	0	Standard
>	Sc	45		ug/L			1606761	1686986	0	Standard
	Al	27	4982.726	ug/L	93.826	1	11273	165667593	1	Standard
	Cr	52	25.010	ug/L	0.296	1	15860	762874	1	Standard
	Cr	53	25.548	ug/L	0.105	0	117	87776	0	Standard
	Fe	54	5087.882	ug/L	20.390	0	93522	15785761	0	Standard
	Fe	57	5071.662	ug/L	59.140	1	14099	6009493	0	Standard
	Mn	55	25.655	ug/L	0.261	1	1938	1190279	1	Standard
>	Ge	72		ug/L			87087	90690	1	KED
	Ni	60	25.862	ug/L	0.459	1	41	40242	1	KED
	Ni	62	25.094	ug/L	0.354	1	12	6349	1	KED
	Cu	63	25.255	ug/L	0.174	0	114	115304	0	KED
	Cu	65	25.107	ug/L	0.469	1	59	57782	1	KED
	Zn	66	81.614	ug/L	0.166	0	203	55827	1	KED
	Zn	67	78.777	ug/L	1.133	1	36	8807	1	KED
	As	75	25.084	ug/L	0.199	0	2	8164	1	KED
	Se	78	81.800	ug/L	2.190	2	9	3135	2	KED
	Y	89		ug/L			837959	871006	1	Standard
	Kr	83		ug/L			320	333	7	Standard
>	In-1	115		ug/L			26418	26613	1	KED
	Cd	111	26.275	ug/L	0.312	1	2	10256	0	KED
	Cd	114	26.234	ug/L	0.085	0	4	26583	1	KED
>	In	115		ug/L			1677151	1698752	0	Standard
	Ag	107	25.797	ug/L	0.568	2	77	680354	2	Standard
>	Tb	159		ug/L			2806950	2871407	0	Standard
	Pb	208	25.504	ug/L	0.258	1	1320	3314187	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0777-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:21:20

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	39705	1	Standard
	Cl	37		ug/L			8962360	8021819	0	Standard
>	Sc	45		ug/L			1606761	1746226	1	Standard
	Al	27	6875.951	ug/L	80.370	1	11273	236652146	1	Standard
	Cr	52	111.945	ug/L	0.403	0	15860	3474631	1	Standard
	Cr	53	115.187	ug/L	1.824	1	117	409176	1	Standard
	Fe	54	9463.375	ug/L	149.056	1	93522	30305092	1	Standard
	Fe	57	9434.255	ug/L	199.608	2	14099	11558396	2	Standard
	Mn	55	237.575	ug/L	2.361	0	1938	11392718	2	Standard
>	Ge	72		ug/L			87087	90143	2	KED
	Ni	60	101.236	ug/L	0.698	0	41	156447	1	KED
	Ni	62	102.328	ug/L	1.041	1	12	25698	2	KED
	Cu	63	81.059	ug/L	0.858	1	114	367550	1	KED
	Cu	65	81.131	ug/L	0.753	0	59	185467	2	KED
	Zn	66	173.900	ug/L	1.115	0	203	118010	2	KED
	Zn	67	179.042	ug/L	0.226	0	36	19849	2	KED
	As	75	76.253	ug/L	0.481	0	2	24661	1	KED
	Se	78	77.218	ug/L	0.679	0	9	2942	2	KED
	Y	89		ug/L			837959	1229076	3	Standard
	Kr	83		ug/L			320	397	4	Standard
>	In-1	115		ug/L			26418	27135	2	KED
	Cd	111	96.230	ug/L	2.143	2	2	38284	0	KED
	Cd	114	96.635	ug/L	1.447	1	4	99808	1	KED
>	In	115		ug/L			1677151	1683728	1	Standard
	Ag	107	25.541	ug/L	0.270	1	77	667625	1	Standard
>	Tb	159		ug/L			2806950	2905494	2	Standard
	Pb	208	88.160	ug/L	0.780	0	1320	11587943	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0777-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:30:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	39072	2	Standard
	Cl	37		ug/L			8962360	8078988	0	Standard
>	Sc	45		ug/L			1606761	1762517	1	Standard
	Al	27	7006.167	ug/L	82.277	1	11273	243391456	2	Standard
	Cr	52	114.737	ug/L	1.370	1	15860	3594108	1	Standard
	Cr	53	119.262	ug/L	1.334	1	117	427616	1	Standard
	Fe	54	9675.261	ug/L	102.880	1	93522	31272284	2	Standard
	Fe	57	9681.811	ug/L	126.159	1	14099	11971878	1	Standard
	Mn	55	242.406	ug/L	4.090	1	1938	11730635	1	Standard
>	Ge	72		ug/L			87087	89633	2	KED
	Ni	60	107.438	ug/L	1.274	1	41	165072	1	KED
	Ni	62	107.854	ug/L	0.788	0	12	26929	1	KED
	Cu	63	84.648	ug/L	1.162	1	114	381628	0	KED
	Cu	65	85.255	ug/L	1.372	1	59	193757	1	KED
	Zn	66	181.350	ug/L	0.272	0	203	122347	2	KED
	Zn	67	187.576	ug/L	1.309	0	36	20676	2	KED
	As	75	79.432	ug/L	1.214	1	2	25543	2	KED
	Se	78	79.474	ug/L	0.617	0	9	3010	1	KED
	Y	89		ug/L			837959	1241826	1	Standard
	Kr	83		ug/L			320	416	1	Standard
>	In-1	115		ug/L			26418	26958	1	KED
	Cd	111	100.258	ug/L	1.727	1	2	39637	1	KED
	Cd	114	101.140	ug/L	1.171	1	4	103797	0	KED
>	In	115		ug/L			1677151	1672758	2	Standard
	Ag	107	26.864	ug/L	0.445	1	77	697738	3	Standard
>	Tb	159		ug/L			2806950	2879975	0	Standard
	Pb	208	91.576	ug/L	0.959	1	1320	11932279	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:36:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	31501	1	Standard
	Cl	**37**		ug/L			8962360	7584231	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1667845	1	Standard
|	**Al**	**27**	**0.069**	ug/L	0.017	24	11273	13967	2	Standard
|	**Cr**	**52**	**-0.017**	ug/L	0.010	57	15860	15949	0	Standard
|	**Cr**	**53**	**0.015**	ug/L	0.005	31	117	174	10	Standard
|	**Fe**	**54**	**-0.139**	ug/L	0.533	384	93522	96635	0	Standard
|	**Fe**	**57**	**7.103**	ug/L	0.197	2	14099	22934	0	Standard
⌊	**Mn**	**55**	**-0.020**	ug/L	0.001	4	1938	1104	3	Standard
⌈>	**Ge**	**72**		ug/L			87087	93094	1	KED
|	**Ni**	**60**	**-0.014**	ug/L	0.007	49	41	21	50	KED
|	**Ni**	**62**	**-0.030**	ug/L	0.011	37	12	5	57	KED
|	**Cu**	**63**	**0.025**	ug/L	0.007	28	114	238	13	KED
|	**Cu**	**65**	**0.024**	ug/L	0.000	1	59	121	1	KED
|	**Zn**	**66**	**0.152**	ug/L	0.009	6	203	323	3	KED
|	**Zn**	**67**	**0.145**	ug/L	0.049	33	36	55	9	KED
|	**As**	**75**	**0.007**	ug/L	0.002	34	2	4	17	KED
⌊	**Se**	**78**	**-0.062**	ug/L	0.084	136	9	7	46	KED
	Y	**89**		ug/L			837959	854352	0	Standard
	Kr	**83**		ug/L			320	350	2	Standard
⌈>	**In-1**	**115**		ug/L			26418	27163	0	KED
|	**Cd**	**111**	**0.026**	ug/L	0.016	61	2	13	49	KED
⌊	**Cd**	**114**	**0.015**	ug/L	0.009	60	4	20	46	KED
⌈>	**In**	**115**		ug/L			1677151	1676526	0	Standard
⌊	**Ag**	**107**	**0.001**	ug/L	0.000	6	77	113	2	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2833156	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	67	1320	1424	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, July 01, 2021 16:41:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	30826	2	Standard
	Cl	37		ug/L			8962360	8303837	0	Standard
>	Sc	45		ug/L			1606761	1627957	0	Standard
	Al	27	4952.281	ug/L	24.073	0	11273	158902676	0	Standard
	Cr	52	49.925	ug/L	0.612	1	15860	1453507	0	Standard
	Cr	53	50.471	ug/L	0.736	1	117	167217	0	Standard
	Fe	54	5045.306	ug/L	48.891	0	93522	15106471	0	Standard
	Fe	57	5021.985	ug/L	37.560	0	14099	5742802	0	Standard
	Mn	55	49.646	ug/L	0.464	0	1938	2220829	0	Standard
>	Ge	72		ug/L			87087	84891	10	KED
	Ni	60	52.473	ug/L	4.615	8	41	75914	2	KED
	Ni	62	52.628	ug/L	4.043	7	12	12385	3	KED
	Cu	63	51.955	ug/L	4.491	8	114	220572	2	KED
	Cu	65	51.991	ug/L	4.350	8	59	111291	2	KED
	Zn	66	52.324	ug/L	3.642	6	203	33409	4	KED
	Zn	67	52.689	ug/L	3.246	6	36	5503	5	KED
	As	75	51.978	ug/L	4.765	9	2	15730	2	KED
	Se	78	52.525	ug/L	4.163	7	9	1877	3	KED
	Y	89		ug/L			837959	858187	3	Standard
	Kr	83		ug/L			320	363	7	Standard
>	In-1	115		ug/L			26418	26356	0	KED
	Cd	111	50.739	ug/L	0.887	1	2	19613	1	KED
	Cd	114	50.709	ug/L	0.674	1	4	50883	1	KED
>	In	115		ug/L			1677151	1654555	0	Standard
	Ag	107	50.077	ug/L	0.838	1	77	1286417	2	Standard
>	Tb	159		ug/L			2806950	2825620	0	Standard
	Pb	208	49.730	ug/L	0.487	0	1320	6357916	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:48:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	30670	2	Standard
	Cl	**37**		ug/L			8962360	8288140	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1587751	0	Standard
|	**Al**	**27**	**5011.962**	ug/L	87.990	1	11273	156836907	1	Standard
|	**Cr**	**52**	**50.112**	ug/L	0.193	0	15860	1422904	0	Standard
|	**Cr**	**53**	**50.782**	ug/L	0.804	1	117	164097	1	Standard
|	**Fe**	**54**	**5119.046**	ug/L	76.273	1	93522	14947251	0	Standard
|	**Fe**	**57**	**5112.108**	ug/L	69.428	1	14099	5701078	0	Standard
⌊	**Mn**	**55**	**50.296**	ug/L	0.849	1	1938	2194229	1	Standard
⌈>	**Ge**	**72**		ug/L			87087	87677	2	KED
|	**Ni**	**60**	**50.385**	ug/L	0.909	1	41	75775	3	KED
|	**Ni**	**62**	**50.483**	ug/L	0.328	0	12	12337	2	KED
|	**Cu**	**63**	**50.430**	ug/L	0.372	0	114	222512	2	KED
|	**Cu**	**65**	**49.770**	ug/L	0.723	1	59	110692	2	KED
|	**Zn**	**66**	**50.287**	ug/L	0.087	0	203	33334	1	KED
|	**Zn**	**67**	**51.156**	ug/L	0.646	1	36	5542	1	KED
|	**As**	**75**	**49.618**	ug/L	0.327	0	2	15609	1	KED
⌊	**Se**	**78**	**50.008**	ug/L	0.194	0	9	1856	2	KED
	Y	**89**		ug/L			837959	818513	0	Standard
	Kr	**83**		ug/L			320	348	8	Standard
⌈>	**In-1**	**115**		ug/L			26418	26330	2	KED
|	**Cd**	**111**	**49.176**	ug/L	2.237	4	2	18978	2	KED
⌊	**Cd**	**114**	**49.929**	ug/L	1.461	2	4	50029	0	KED
⌈>	**In**	**115**		ug/L			1677151	1614494	0	Standard
⌊	**Ag**	**107**	**50.411**	ug/L	0.500	0	77	1263508	0	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2754273	0	Standard
⌊	**Pb**	**208**	**50.277**	ug/L	0.774	1	1320	6265161	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 16:55:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	29605	1	Standard
	Cl	**37**		ug/L			8962360	7721469	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1625960	2	Standard
|	**Al**	**27**	**0.052**	ug/L	0.010	20	11273	13054	0	Standard
|	**Cr**	**52**	**0.026**	ug/L	0.009	34	15860	16781	0	Standard
|	**Cr**	**53**	**0.014**	ug/L	0.004	31	117	164	8	Standard
|	**Fe**	**54**	**0.643**	ug/L	0.472	73	93522	96530	0	Standard
|	**Fe**	**57**	**2.735**	ug/L	0.187	6	14099	17381	1	Standard
⌊	**Mn**	**55**	**0.060**	ug/L	0.003	4	1938	4629	1	Standard
⌈>	**Ge**	**72**		ug/L			87087	88773	3	KED
|	**Ni**	**60**	**0.006**	ug/L	0.005	94	41	50	19	KED
|	**Ni**	**62**	**-0.022**	ug/L	0.008	35	12	6	31	KED
|	**Cu**	**63**	**0.002**	ug/L	0.001	51	114	124	3	KED
|	**Cu**	**65**	**0.001**	ug/L	0.006	626	59	62	19	KED
|	**Zn**	**66**	**0.070**	ug/L	0.029	41	203	253	4	KED
|	**Zn**	**67**	**0.076**	ug/L	0.026	33	36	45	2	KED
|	**As**	**75**	**0.006**	ug/L	0.002	35	2	4	19	KED
⌊	**Se**	**78**	**0.016**	ug/L	0.090	569	9	9	33	KED
	Y	**89**		ug/L			837959	824463	3	Standard
	Kr	**83**		ug/L			320	348	2	Standard
⌈>	**In-1**	**115**		ug/L			26418	26860	2	KED
|	**Cd**	**111**	**0.005**	ug/L	0.007	146	2	4	61	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	405	4	4	68	KED
⌈>	**In**	**115**		ug/L			1677151	1643732	0	Standard
⌊	**Ag**	**107**	**0.003**	ug/L	0.001	24	77	142	11	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2752531	0	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	7	1320	1648	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0850-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:01:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			29742	42076	1	Standard
Cl	37		ug/L			8962360	7572547	0	Standard
> Sc	45		ug/L			1606761	1643250	1	Standard
Al	27	1.170	ug/L	0.021	1	11273	49401	0	Standard
Cr	52	0.197	ug/L	0.011	5	15860	21938	0	Standard
Cr	53	0.198	ug/L	0.008	4	117	780	2	Standard
Fe	54	2.072	ug/L	0.690	33	93522	101858	1	Standard
Fe	57	5.776	ug/L	0.085	1	14099	21069	0	Standard
Mn	55	0.001	ug/L	0.001	173	1938	2015	1	Standard
> Ge	72		ug/L			87087	90615	1	KED
Ni	60	-0.013	ug/L	0.002	13	41	23	12	KED
Ni	62	-0.020	ug/L	0.013	66	12	7	43	KED
Cu	63	0.054	ug/L	0.007	13	114	363	8	KED
Cu	65	0.049	ug/L	0.003	6	59	175	3	KED
Zn	66	0.102	ug/L	0.059	57	203	280	14	KED
Zn	67	0.004	ug/L	0.072	2002	36	38	21	KED
As	75	0.004	ug/L	0.005	125	2	3	39	KED
Se	78	0.011	ug/L	0.049	458	9	9	18	KED
Y	89		ug/L			837959	850332	0	Standard
Kr	83		ug/L			320	316	3	Standard
> In-1	115		ug/L			26418	26637	1	KED
Cd	111	0.001	ug/L	0.002	324	2	2	33	KED
Cd	114	-0.000	ug/L	0.003	8367	4	4	59	KED
> In	115		ug/L			1677151	1690241	0	Standard
Ag	107	0.001	ug/L	0.000	43	77	100	9	Standard
> Tb	159		ug/L			2806950	2780072	0	Standard
Pb	208	-0.005	ug/L	0.000	1	1320	711	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0850-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:05:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	46915	1	Standard
	Cl	37		ug/L			8962360	8269681	0	Standard
>	Sc	45		ug/L			1606761	1670057	0	Standard
	Al	27	5024.187	ug/L	27.048	0	11273	165381426	1	Standard
	Cr	52	24.546	ug/L	0.087	0	15860	741525	0	Standard
	Cr	53	25.113	ug/L	0.039	0	117	85419	0	Standard
	Fe	54	5105.151	ug/L	61.146	1	93522	15679915	0	Standard
	Fe	57	5117.110	ug/L	49.445	0	14099	6002574	0	Standard
	Mn	55	25.625	ug/L	0.386	1	1938	1176890	1	Standard
>	Ge	72		ug/L			87087	90211	0	KED
	Ni	60	25.535	ug/L	0.332	1	41	39525	1	KED
	Ni	62	25.515	ug/L	0.477	1	12	6421	1	KED
	Cu	63	25.256	ug/L	0.553	2	114	114710	2	KED
	Cu	65	25.253	ug/L	0.150	0	59	57816	0	KED
	Zn	66	82.069	ug/L	0.641	0	203	55842	1	KED
	Zn	67	78.309	ug/L	1.070	1	36	8709	1	KED
	As	75	24.723	ug/L	0.261	1	2	8003	0	KED
	Se	78	78.695	ug/L	0.635	0	9	3000	1	KED
	Y	89		ug/L			837959	840919	1	Standard
	Kr	83		ug/L			320	337	4	Standard
>	In-1	115		ug/L			26418	26247	1	KED
	Cd	111	26.303	ug/L	0.204	0	2	10126	0	KED
	Cd	114	25.944	ug/L	0.288	1	4	25929	1	KED
>	In	115		ug/L			1677151	1672153	2	Standard
	Ag	107	25.103	ug/L	0.104	0	77	651647	2	Standard
>	Tb	159		ug/L			2806950	2839950	1	Standard
	Pb	208	25.506	ug/L	0.387	1	1320	3277793	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0223-03
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:10:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	43644	0	Standard
	Cl	37		ug/L			8962360	7760152	0	Standard
>	Sc	45		ug/L			1606761	1667732	0	Standard
	Al	27	4.661	ug/L	0.114	2	11273	164879	2	Standard
	Cr	52	0.794	ug/L	0.006	0	15860	39884	1	Standard
	Cr	53	0.784	ug/L	0.010	1	117	2779	1	Standard
	Fe	54	9.595	ug/L	0.710	7	93522	126308	0	Standard
	Fe	57	3.098	ug/L	0.319	10	14099	18252	1	Standard
	Mn	55	0.577	ug/L	0.004	0	1938	28428	0	Standard
>	Ge	72		ug/L			87087	90991	1	KED
	Ni	60	0.222	ug/L	0.008	3	41	388	1	KED
	Ni	62	0.236	ug/L	0.042	17	12	72	13	KED
	Cu	63	1.214	ug/L	0.037	3	114	5675	1	KED
	Cu	65	1.219	ug/L	0.018	1	59	2875	2	KED
	Zn	66	1.901	ug/L	0.087	4	203	1511	2	KED
	Zn	67	1.709	ug/L	0.127	7	36	228	5	KED
	As	75	0.030	ug/L	0.002	5	2	12	5	KED
	Se	78	0.011	ug/L	0.065	579	9	9	26	KED
	Y	89		ug/L			837959	864407	0	Standard
	Kr	83		ug/L			320	355	7	Standard
>	In-1	115		ug/L			26418	27269	1	KED
	Cd	111	0.001	ug/L	0.004	697	2	2	57	KED
	Cd	114	0.000	ug/L	0.003	1092	4	5	58	KED
>	In	115		ug/L			1677151	1707925	0	Standard
	Ag	107	0.002	ug/L	0.000	15	77	119	4	Standard
>	Tb	159		ug/L			2806950	2839030	1	Standard
	Pb	208	0.004	ug/L	0.000	12	1320	1822	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0223-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:16:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	53984	0	Standard
	Cl	37		ug/L			8962360	7297047	0	Standard
>	Sc	45		ug/L			1606761	1782008	2	Standard
	Al	27	65.431	ug/L	0.453	0	11273	2310328	1	Standard
	Cr	52	0.487	ug/L	0.012	2	15860	32925	1	Standard
	Cr	53	0.860	ug/L	0.018	2	117	3247	4	Standard
	Fe	54	100.691	ug/L	3.622	3	93522	431513	0	Standard
	Fe	57	117.075	ug/L	2.333	1	14099	161782	0	Standard
	Mn	55	3.781	ug/L	0.074	1	1938	187066	0	Standard
>	Ge	72		ug/L			87087	90775	1	KED
	Ni	60	0.147	ug/L	0.013	8	41	271	7	KED
	Ni	62	0.124	ug/L	0.030	24	12	43	15	KED
	Cu	63	0.336	ug/L	0.016	4	114	1652	5	KED
	Cu	65	0.352	ug/L	0.019	5	59	871	5	KED
	Zn	66	0.540	ug/L	0.009	1	203	580	0	KED
	Zn	67	0.758	ug/L	0.208	27	36	121	17	KED
	As	75	0.609	ug/L	0.038	6	2	200	5	KED
	Se	78	0.031	ug/L	0.070	227	9	10	26	KED
	Y	89		ug/L			837959	856734	1	Standard
	Kr	83		ug/L			320	323	10	Standard
>	In-1	115		ug/L			26418	27298	1	KED
	Cd	111	-0.001	ug/L	0.001	146	2	2	24	KED
	Cd	114	-0.000	ug/L	0.004	2208	4	4	84	KED
>	In	115		ug/L			1677151	1706155	1	Standard
	Ag	107	0.001	ug/L	0.001	49	77	115	15	Standard
>	Tb	159		ug/L			2806950	2879727	0	Standard
	Pb	208	0.066	ug/L	0.000	0	1320	9953	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0223-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:22:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			29742	52096	0	Standard
Cl	37		ug/L			8962360	7329538	0	Standard
Sc	45		ug/L			1606761	1823558	1	Standard
Al	27	72.323	ug/L	1.825	2	11273	2611865	2	Standard
Cr	52	0.486	ug/L	0.014	2	15860	33686	0	Standard
Cr	53	0.843	ug/L	0.019	2	117	3257	0	Standard
Fe	54	99.957	ug/L	0.851	0	93522	439277	1	Standard
Fe	57	117.756	ug/L	2.412	2	14099	166431	0	Standard
Mn	55	3.656	ug/L	0.096	2	1938	185204	0	Standard
Ge	72		ug/L			87087	90214	2	KED
Ni	60	0.156	ug/L	0.017	11	41	284	10	KED
Ni	62	0.175	ug/L	0.020	11	12	56	7	KED
Cu	63	0.261	ug/L	0.008	2	114	1303	1	KED
Cu	65	0.251	ug/L	0.009	3	59	636	2	KED
Zn	66	1.118	ug/L	0.053	4	203	967	2	KED
Zn	67	1.108	ug/L	0.254	22	36	160	19	KED
As	75	0.570	ug/L	0.036	6	2	186	7	KED
Se	78	0.068	ug/L	0.073	107	9	11	21	KED
Y	89		ug/L			837959	868310	1	Standard
Kr	83		ug/L			320	321	14	Standard
In-1	115		ug/L			26418	27252	1	KED
Cd	111	0.002	ug/L	0.005	227	2	3	56	KED
Cd	114	0.001	ug/L	0.004	274	4	6	61	KED
In	115		ug/L			1677151	1677121	1	Standard
Ag	107	0.001	ug/L	0.001	47	77	115	14	Standard
Tb	159		ug/L			2806950	2859786	0	Standard
Pb	208	0.071	ug/L	0.001	0	1320	10503	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0850-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:27:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	55180	1	Standard
	Cl	37		ug/L			8962360	7360250	0	Standard
>	Sc	45		ug/L			1606761	1741031	0	Standard
	Al	27	79.494	ug/L	0.864	1	11273	2739809	0	Standard
	Cr	52	0.444	ug/L	0.006	1	15860	30863	1	Standard
	Cr	53	0.855	ug/L	0.022	2	117	3154	3	Standard
	Fe	54	108.901	ug/L	1.323	1	93522	447872	1	Standard
	Fe	57	126.243	ug/L	1.118	0	14099	169279	0	Standard
	Mn	55	3.986	ug/L	0.030	0	1938	192624	1	Standard
>	Ge	72		ug/L			87087	86242	1	KED
	Ni	60	0.185	ug/L	0.012	6	41	314	4	KED
	Ni	62	0.194	ug/L	0.040	20	12	58	15	KED
	Cu	63	0.239	ug/L	0.002	0	114	1151	1	KED
	Cu	65	0.244	ug/L	0.014	5	59	592	5	KED
	Zn	66	0.614	ug/L	0.040	6	203	599	5	KED
	Zn	67	0.693	ug/L	0.014	2	36	109	2	KED
	As	75	0.570	ug/L	0.013	2	2	178	2	KED
	Se	78	0.113	ug/L	0.139	123	9	12	37	KED
	Y	89		ug/L			837959	850043	0	Standard
	Kr	83		ug/L			320	326	8	Standard
>	In-1	115		ug/L			26418	26112	0	KED
	Cd	111	0.010	ug/L	0.006	56	2	6	34	KED
	Cd	114	0.004	ug/L	0.003	75	4	8	33	KED
>	In	115		ug/L			1677151	1644197	1	Standard
	Ag	107	0.003	ug/L	0.000	16	77	140	8	Standard
>	Tb	159		ug/L			2806950	2804816	1	Standard
	Pb	208	0.069	ug/L	0.001	1	1320	10033	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0850-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:32:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	52416	0	Standard
	Cl	37		ug/L			8962360	7668114	0	Standard
>	Sc	45		ug/L			1606761	1743609	0	Standard
	Al	27	4796.862	ug/L	75.828	1	11273	164842355	1	Standard
	Cr	52	23.191	ug/L	0.331	1	15860	732377	1	Standard
	Cr	53	24.170	ug/L	0.098	0	117	85837	0	Standard
	Fe	54	4906.702	ug/L	65.463	1	93522	15737986	0	Standard
	Fe	57	4959.678	ug/L	53.511	1	14099	6074562	0	Standard
	Mn	55	27.337	ug/L	0.119	0	1938	1310685	0	Standard
>	Ge	72		ug/L			87087	85670	1	KED
	Ni	60	25.708	ug/L	0.332	1	41	37792	2	KED
	Ni	62	25.805	ug/L	0.552	2	12	6167	1	KED
	Cu	63	25.113	ug/L	0.060	0	114	108315	1	KED
	Cu	65	25.451	ug/L	0.192	0	59	55338	1	KED
	Zn	66	78.992	ug/L	0.785	0	203	51050	1	KED
	Zn	67	76.680	ug/L	0.502	0	36	8099	0	KED
	As	75	25.105	ug/L	0.176	0	2	7718	1	KED
	Se	78	77.125	ug/L	1.735	2	9	2792	1	KED
	Y	89		ug/L			837959	826592	1	Standard
	Kr	83		ug/L			320	346	4	Standard
>	In-1	115		ug/L			26418	25894	2	KED
	Cd	111	25.680	ug/L	0.711	2	2	9750	1	KED
	Cd	114	25.348	ug/L	0.580	2	4	24984	0	KED
>	In	115		ug/L			1677151	1624294	0	Standard
	Ag	107	25.421	ug/L	0.394	1	77	641046	1	Standard
>	Tb	159		ug/L			2806950	2783501	0	Standard
	Pb	208	25.462	ug/L	0.081	0	1320	3207517	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0850-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:37:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			29742	49138	1	Standard
Cl	37		ug/L			8962360	7716488	0	Standard
> Sc	45		ug/L			1606761	1731774	0	Standard
Al	27	4776.172	ug/L	50.013	1	11273	163017422	0	Standard
Cr	52	22.715	ug/L	0.191	0	15860	712812	0	Standard
Cr	53	23.744	ug/L	0.215	0	117	83752	0	Standard
Fe	54	4906.541	ug/L	30.780	0	93522	15630756	0	Standard
Fe	57	4915.505	ug/L	65.934	1	14099	5979545	0	Standard
Mn	55	26.922	ug/L	0.159	0	1938	1282050	0	Standard
> Ge	72		ug/L			87087	86404	0	KED
Ni	60	25.176	ug/L	0.167	0	41	37326	1	KED
Ni	62	25.482	ug/L	1.072	4	12	6142	3	KED
Cu	63	24.581	ug/L	0.216	0	114	106924	0	KED
Cu	65	24.777	ug/L	0.085	0	59	54333	0	KED
Zn	66	76.648	ug/L	0.376	0	203	49963	0	KED
Zn	67	73.219	ug/L	0.108	0	36	7802	1	KED
As	75	24.673	ug/L	0.227	0	2	7650	0	KED
Se	78	74.575	ug/L	1.071	1	9	2723	0	KED
Y	89		ug/L			837959	834528	0	Standard
Kr	83		ug/L			320	483	6	Standard
> In-1	115		ug/L			26418	26106	1	KED
Cd	111	24.377	ug/L	0.288	1	2	9334	0	KED
Cd	114	24.454	ug/L	0.519	2	4	24303	0	KED
> In	115		ug/L			1677151	1641129	0	Standard
Ag	107	24.751	ug/L	0.587	2	77	630601	2	Standard
> Tb	159		ug/L			2806950	2784052	0	Standard
Pb	208	24.894	ug/L	0.102	0	1320	3136556	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0413-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:44:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	56647	1	Standard
	Cl	37		ug/L			8962360	7665310	0	Standard
>	Sc	45		ug/L			1606761	1665466	1	Standard
	Al	27	24.744	ug/L	0.351	1	11273	823807	0	Standard
	Cr	52	0.668	ug/L	0.028	4	15860	36112	1	Standard
	Cr	53	0.734	ug/L	0.020	2	117	2605	1	Standard
	Fe	54	148.641	ug/L	2.593	1	93522	549369	0	Standard
	Fe	57	162.479	ug/L	1.732	1	14099	204218	1	Standard
	Mn	55	25.713	ug/L	0.416	1	1938	1177611	0	Standard
>	Ge	72		ug/L			87087	87061	1	KED
	Ni	60	0.613	ug/L	0.050	8	41	956	8	KED
	Ni	62	0.555	ug/L	0.030	5	12	146	4	KED
	Cu	63	5.886	ug/L	0.073	1	114	25885	0	KED
	Cu	65	6.004	ug/L	0.072	1	59	13310	0	KED
	Zn	66	416.324	ug/L	1.816	0	203	272544	0	KED
	Zn	67	392.010	ug/L	1.318	0	36	41933	1	KED
	As	75	1.219	ug/L	0.045	3	2	383	3	KED
	Se	78	0.056	ug/L	0.079	141	9	11	27	KED
	Y	89		ug/L			837959	848369	1	Standard
	Kr	83		ug/L			320	311	2	Standard
>	In-1	115		ug/L			26418	27087	1	KED
	Cd	111	1.190	ug/L	0.027	2	2	475	2	KED
	Cd	114	1.208	ug/L	0.081	6	4	1249	5	KED
>	In	115		ug/L			1677151	1667075	0	Standard
	Ag	107	0.004	ug/L	0.001	19	77	172	10	Standard
>	Tb	159		ug/L			2806950	2780975	0	Standard
	Pb	208	0.210	ug/L	0.002	1	1320	27747	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0413-01RE1
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 01, 2021 17:58:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	32521	1	Standard
	Cl	37		ug/L			8962360	7811457	0	Standard
>	Sc	45		ug/L			1606761	1558450	3	Standard
	Al	27	6.673	ug/L	0.202	3	11273	215812	2	Standard
	Cr	52	0.149	ug/L	0.006	4	15860	19495	3	Standard
	Cr	53	0.169	ug/L	0.008	4	117	650	6	Standard
	Fe	54	33.304	ug/L	0.895	2	93522	185528	2	Standard
	Fe	57	32.723	ug/L	0.559	1	14099	49397	2	Standard
	Mn	55	5.382	ug/L	0.062	1	1938	232111	2	Standard
>	Ge	72		ug/L			87087	85306	3	KED
	Ni	60	0.107	ug/L	0.011	10	41	196	9	KED
	Ni	62	0.116	ug/L	0.021	18	12	39	11	KED
	Cu	63	1.305	ug/L	0.029	2	114	5708	1	KED
	Cu	65	1.266	ug/L	0.027	2	59	2794	1	KED
	Zn	66	88.119	ug/L	0.990	1	203	56669	1	KED
	Zn	67	82.577	ug/L	2.345	2	36	8678	0	KED
	As	75	0.250	ug/L	0.035	14	2	78	13	KED
	Se	78	0.044	ug/L	0.079	181	9	10	29	KED
	Y	89		ug/L			837959	799195	4	Standard
	Kr	83		ug/L			320	349	4	Standard
>	In-1	115		ug/L			26418	26194	2	KED
	Cd	111	0.266	ug/L	0.019	7	2	104	4	KED
	Cd	114	0.246	ug/L	0.044	17	4	250	18	KED
>	In	115		ug/L			1677151	1589407	3	Standard
	Ag	107	0.001	ug/L	0.000	51	77	90	12	Standard
>	Tb	159		ug/L			2806950	2670075	3	Standard
	Pb	208	0.039	ug/L	0.000	0	1320	5975	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:03:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	29719	0	Standard
	Cl	**37**		ug/L			8962360	8386254	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1596300	1	Standard
|	**Al**	**27**	**4952.457**	ug/L	42.035	0	11273	155811554	0	Standard
|	**Cr**	**52**	**49.068**	ug/L	0.391	0	15860	1401078	1	Standard
|	**Cr**	**53**	**50.080**	ug/L	0.341	0	117	162698	0	Standard
|	**Fe**	**54**	**5044.877**	ug/L	36.977	0	93522	14811176	0	Standard
|	**Fe**	**57**	**5033.876**	ug/L	85.681	1	14099	5643851	0	Standard
⌊	**Mn**	**55**	**49.860**	ug/L	0.807	1	1938	2187302	2	Standard
⌈>	**Ge**	**72**		ug/L			87087	88828	0	KED
|	**Ni**	**60**	**49.867**	ug/L	0.228	0	41	75965	0	KED
|	**Ni**	**62**	**50.817**	ug/L	0.666	1	12	12582	1	KED
|	**Cu**	**63**	**49.798**	ug/L	0.294	0	114	222585	0	KED
|	**Cu**	**65**	**49.713**	ug/L	0.495	0	59	112009	0	KED
|	**Zn**	**66**	**50.714**	ug/L	0.307	0	203	34057	1	KED
|	**Zn**	**67**	**50.069**	ug/L	1.008	2	36	5496	2	KED
|	**As**	**75**	**49.463**	ug/L	0.403	0	2	15765	0	KED
⌊	**Se**	**78**	**51.356**	ug/L	0.539	1	9	1931	1	KED
	Y	**89**		ug/L			837959	817875	3	Standard
	Kr	**83**		ug/L			320	368	1	Standard
⌈>	**In-1**	**115**		ug/L			26418	26232	1	KED
|	**Cd**	**111**	**50.568**	ug/L	0.490	0	2	19456	0	KED
⌊	**Cd**	**114**	**50.894**	ug/L	0.767	1	4	50827	1	KED
⌈>	**In**	**115**		ug/L			1677151	1622714	0	Standard
⌊	**Ag**	**107**	**50.274**	ug/L	1.108	2	77	1266663	3	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2767396	1	Standard
⌊	**Pb**	**208**	**50.413**	ug/L	0.256	0	1320	6312301	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:10:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	28369	1	Standard
	Cl	**37**		ug/L			8962360	8003972	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1564605	0	Standard
|	**Al**	**27**	**0.154**	ug/L	0.012	7	11273	15729	2	Standard
|	**Cr**	**52**	**0.035**	ug/L	0.012	33	15860	16423	1	Standard
|	**Cr**	**53**	**0.009**	ug/L	0.005	54	117	143	10	Standard
|	**Fe**	**54**	**1.238**	ug/L	0.883	71	93522	94600	2	Standard
|	**Fe**	**57**	**2.743**	ug/L	0.242	8	14099	16735	0	Standard
⌊	**Mn**	**55**	**0.068**	ug/L	0.002	2	1938	4810	0	Standard
⌈>	**Ge**	**72**		ug/L			87087	85922	1	KED
|	**Ni**	**60**	**0.014**	ug/L	0.012	83	41	61	27	KED
|	**Ni**	**62**	**-0.007**	ug/L	0.019	269	12	10	43	KED
|	**Cu**	**63**	**0.003**	ug/L	0.001	39	114	125	5	KED
|	**Cu**	**65**	**0.005**	ug/L	0.003	54	59	69	6	KED
|	**Zn**	**66**	**0.218**	ug/L	0.040	18	203	341	8	KED
|	**Zn**	**67**	**0.178**	ug/L	0.078	43	36	54	16	KED
|	**As**	**75**	**0.007**	ug/L	0.009	129	2	4	60	KED
⌊	**Se**	**78**	**0.024**	ug/L	0.010	42	9	9	5	KED
	Y	**89**		ug/L			837959	781176	2	Standard
	Kr	**83**		ug/L			320	357	1	Standard
⌈>	**In-1**	**115**		ug/L			26418	25743	1	KED
|	**Cd**	**111**	**0.003**	ug/L	0.003	111	2	3	31	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.005	979	4	4	115	KED
⌈>	**In**	**115**		ug/L			1677151	1616397	1	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.000	32	77	112	11	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2670938	0	Standard
⌊	**Pb**	**208**	**0.015**	ug/L	0.000	1	1320	3114	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0433-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:16:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	54369	0	Standard
	Cl	**37**		ug/L			8962360	8524602	0	Standard
>	**Sc**	**45**		ug/L			1606761	1738270	0	Standard
	Al	**27**	**51.252**	ug/L	1.778	3	11273	1767832	2	Standard
	Cr	**52**	**4.368**	ug/L	0.020	0	15860	151451	0	Standard
	Cr	**53**	**4.596**	ug/L	0.050	1	117	16373	0	Standard
	Fe	**54**	**2429.739**	ug/L	29.482	1	93522	7820452	0	Standard
	Fe	**57**	**2608.868**	ug/L	28.257	1	14099	3192759	0	Standard
	Mn	**55**	**508.985**	ug/L	6.622	1	1938	24291377	0	Standard
>	**Ge**	**72**		ug/L			87087	84086	1	KED
	Ni	**60**	**9.783**	ug/L	0.152	1	41	14142	3	KED
	Ni	**62**	**9.771**	ug/L	0.217	2	12	2299	2	KED
	Cu	**63**	**107.331**	ug/L	0.423	0	114	454005	1	KED
	Cu	**65**	**107.246**	ug/L	0.701	0	59	228668	1	KED
	Zn	**66**	**366.183**	ug/L	1.442	0	203	231553	1	KED
	Zn	**67**	**342.166**	ug/L	3.953	1	36	35358	2	KED
	As	**75**	**78.026**	ug/L	0.462	0	2	23539	1	KED
	Se	**78**	**0.046**	ug/L	0.078	170	9	10	24	KED
	Y	**89**		ug/L			837959	815362	3	Standard
	Kr	**83**		ug/L			320	361	12	Standard
>	**In-1**	**115**		ug/L			26418	25620	1	KED
	Cd	**111**	**0.912**	ug/L	0.020	2	2	345	3	KED
	Cd	**114**	**0.601**	ug/L	0.032	5	4	591	6	KED
>	**In**	**115**		ug/L			1677151	1580994	1	Standard
	Ag	**107**	**0.932**	ug/L	0.023	2	77	22932	1	Standard
>	**Tb**	**159**		ug/L			2806950	2727275	1	Standard
	Pb	**208**	**8.128**	ug/L	0.096	1	1320	1004051	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0433-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:23:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	54355	0	Standard
	Cl	**37**		ug/L			8962360	8382411	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1724991	0	Standard
|	**Al**	**27**	**10.665**	ug/L	0.037	0	11273	374682	1	Standard
|	**Cr**	**52**	**0.228**	ug/L	0.007	3	15860	23993	1	Standard
|	**Cr**	**53**	**0.540**	ug/L	0.019	3	117	2018	2	Standard
|	**Fe**	**54**	**59.114**	ug/L	0.977	1	93522	286762	0	Standard
|	**Fe**	**57**	**83.108**	ug/L	0.594	0	14099	115585	0	Standard
⌊	**Mn**	**55**	**36.970**	ug/L	0.536	1	1938	1752751	0	Standard
⌈>	**Ge**	**72**		ug/L			87087	84551	0	KED
|	**Ni**	**60**	**0.800**	ug/L	0.056	7	41	1198	6	KED
|	**Ni**	**62**	**0.892**	ug/L	0.056	6	12	221	5	KED
|	**Cu**	**63**	**46.120**	ug/L	0.300	0	114	196228	0	KED
|	**Cu**	**65**	**46.060**	ug/L	0.235	0	59	98789	0	KED
|	**Zn**	**66**	**47.594**	ug/L	0.526	1	203	30435	1	KED
|	**Zn**	**67**	**44.581**	ug/L	0.323	0	36	4662	0	KED
|	**As**	**75**	**2.597**	ug/L	0.028	1	2	790	1	KED
⌊	**Se**	**78**	**0.078**	ug/L	0.060	77	9	11	18	KED
	Y	**89**		ug/L			837959	813187	2	Standard
	Kr	**83**		ug/L			320	338	9	Standard
⌈>	**In-1**	**115**		ug/L			26418	25589	2	KED
|	**Cd**	**111**	**0.037**	ug/L	0.014	39	2	16	31	KED
⌊	**Cd**	**114**	**0.031**	ug/L	0.013	43	4	34	34	KED
⌈>	**In**	**115**		ug/L			1677151	1571638	0	Standard
⌊	**Ag**	**107**	**0.015**	ug/L	0.000	1	77	440	1	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2758597	0	Standard
⌊	**Pb**	**208**	**3.797**	ug/L	0.031	0	1320	475070	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0436-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:28:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	57509	0	Standard
	Cl	**37**		ug/L			8962360	7224165	0	Standard
>	**Sc**	**45**		ug/L			1606761	1952259	0	Standard
	Al	**27**	**2.684**	ug/L	0.065	2	11273	116946	1	Standard
	Cr	**52**	**0.105**	ug/L	0.012	10	15860	22910	0	Standard
	Cr	**53**	**0.879**	ug/L	0.032	3	117	3633	2	Standard
	Fe	**54**	**5.498**	ug/L	0.686	12	93522	133235	1	Standard
	Fe	**57**	**38.012**	ug/L	0.612	1	14099	69127	1	Standard
	Mn	**55**	**0.245**	ug/L	0.005	2	1938	15474	1	Standard
>	**Ge**	**72**		ug/L			87087	88288	0	KED
	Ni	**60**	**0.326**	ug/L	0.018	5	41	535	4	KED
	Ni	**62**	**0.374**	ug/L	0.062	16	12	104	14	KED
	Cu	**63**	**3.646**	ug/L	0.036	0	114	16304	0	KED
	Cu	**65**	**3.696**	ug/L	0.079	2	59	8331	1	KED
	Zn	**66**	**1.594**	ug/L	0.074	4	203	1262	3	KED
	Zn	**67**	**2.151**	ug/L	0.198	9	36	269	8	KED
	As	**75**	**0.488**	ug/L	0.038	7	2	156	6	KED
	Se	**78**	**0.256**	ug/L	0.105	40	9	18	21	KED
	Y	**89**		ug/L			837959	847594	1	Standard
	Kr	**83**		ug/L			320	344	5	Standard
>	**In-1**	**115**		ug/L			26418	25873	0	KED
	Cd	**111**	**0.002**	ug/L	0.002	83	2	3	17	KED
	Cd	**114**	**0.003**	ug/L	0.003	102	4	7	38	KED
>	**In**	**115**		ug/L			1677151	1633098	1	Standard
	Ag	**107**	**-0.000**	ug/L	0.000	1522	77	74	10	Standard
>	**Tb**	**159**		ug/L			2806950	2795761	0	Standard
	Pb	**208**	**0.106**	ug/L	0.002	1	1320	14672	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0417-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:34:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	51491	1	Standard
	Cl	37		ug/L			8962360	8775752	0	Standard
>	Sc	45		ug/L			1606761	1671414	1	Standard
	Al	27	87.203	ug/L	1.089	1	11273	2884000	0	Standard
	Cr	52	1.170	ug/L	0.030	2	15860	51083	0	Standard
	Cr	53	1.655	ug/L	0.030	1	117	5746	1	Standard
	Fe	54	4050.338	ug/L	43.296	1	93522	12469895	0	Standard
	Fe	57	4088.641	ug/L	23.427	0	14099	4803059	1	Standard
	Mn	55	314.728	ug/L	4.970	1	1938	14442468	0	Standard
>	Ge	72		ug/L			87087	88627	0	KED
	Ni	60	1.330	ug/L	0.067	5	41	2062	5	KED
	Ni	62	1.381	ug/L	0.046	3	12	353	2	KED
	Cu	63	4.101	ug/L	0.067	1	114	18393	1	KED
	Cu	65	4.158	ug/L	0.053	1	59	9403	1	KED
	Zn	66	44.616	ug/L	0.843	1	203	29918	1	KED
	Zn	67	43.093	ug/L	0.322	0	36	4725	0	KED
	As	75	0.917	ug/L	0.031	3	2	293	3	KED
	Se	78	0.022	ug/L	0.074	334	9	9	28	KED
	Y	89		ug/L			837959	852811	1	Standard
	Kr	83		ug/L			320	327	9	Standard
>	In-1	115		ug/L			26418	26461	1	KED
	Cd	111	0.287	ug/L	0.017	6	2	113	5	KED
	Cd	114	0.306	ug/L	0.019	6	4	312	7	KED
>	In	115		ug/L			1677151	1646754	1	Standard
	Ag	107	0.007	ug/L	0.001	8	77	251	6	Standard
>	Tb	159		ug/L			2806950	2808420	0	Standard
	Pb	208	2.603	ug/L	0.042	1	1320	332002	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-12~~RE1~~
Sample Dil Factor: 200
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:39:12

MB 7/1/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29742	28091	1	Standard
	Cl	37		ug/L			8962360	8049058	0	Standard
>	Sc	45		ug/L			1606761	1649145	0	Standard
	Al	27	479.672	ug/L	9.672	2	11273	15600611	1	Standard
	Cr	52	6.672	ug/L	0.040	0	15860	210904	1	Standard
	Cr	53	6.895	ug/L	0.105	1	117	23245	1	Standard
	Fe	54	712.295	ug/L	5.794	0	93522	2242921	0	Standard
	Fe	57	698.306	ug/L	9.691	1	14099	821346	0	Standard
	Mn	55	9.131	ug/L	0.011	0	1938	415390	0	Standard
>	Ge	72		ug/L			87087	92055	0	KED
	Ni	60	1.293	ug/L	0.032	2	41	2083	2	KED
	Ni	62	1.164	ug/L	0.164	14	12	311	13	KED
	Cu	63	0.936	ug/L	0.023	2	114	4452	2	KED
	Cu	65	0.962	ug/L	0.026	2	59	2309	2	KED
	Zn	66	243.067	ug/L	1.627	0	203	168346	1	KED
	Zn	67	227.842	ug/L	1.136	0	36	25785	0	KED
	As	75	0.202	ug/L	0.008	4	2	69	3	KED
	Se	78	0.091	ug/L	0.088	96	9	13	25	KED
	Y	89		ug/L			837959	872037	0	Standard
	Kr	83		ug/L			320	366	4	Standard
>	In-1	115		ug/L			26418	27058	0	KED
	Cd	111	0.212	ug/L	0.011	5	2	86	5	KED
	Cd	114	0.211	ug/L	0.035	16	4	222	16	KED
>	In	115		ug/L			1677151	1688295	0	Standard
	Ag	107	0.005	ug/L	0.001	12	77	214	7	Standard
>	Tb	159		ug/L			2806950	2819074	0	Standard
	Pb	208	33.829	ug/L	0.121	0	1320	4315490	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:43:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	29287	1	Standard
	Cl	**37**		ug/L			8962360	7867887	0	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1593926	2	Standard
|	**Al**	**27**	**0.086**	ug/L	0.017	19	11273	13868	0	Standard
|	**Cr**	**52**	**0.022**	ug/L	0.016	74	15860	16335	0	Standard
|	**Cr**	**53**	**0.019**	ug/L	0.001	3	117	177	4	Standard
|	**Fe**	**54**	**0.393**	ug/L	0.718	182	93522	93879	0	Standard
|	**Fe**	**57**	**-0.570**	ug/L	0.194	33	14099	13345	1	Standard
⌊	**Mn**	**55**	**-0.018**	ug/L	0.000	2	1938	1156	4	Standard
⌈>	**Ge**	**72**		ug/L			87087	88852	1	KED
|	**Ni**	**60**	**-0.005**	ug/L	0.004	75	41	34	17	KED
|	**Ni**	**62**	**-0.024**	ug/L	0.005	19	12	6	17	KED
|	**Cu**	**63**	**0.034**	ug/L	0.004	13	114	267	5	KED
|	**Cu**	**65**	**0.038**	ug/L	0.003	8	59	145	4	KED
|	**Zn**	**66**	**0.360**	ug/L	0.059	16	203	447	9	KED
|	**Zn**	**67**	**0.366**	ug/L	0.146	39	36	76	20	KED
|	**As**	**75**	**0.005**	ug/L	0.005	110	2	3	42	KED
⌊	**Se**	**78**	**-0.029**	ug/L	0.055	186	9	8	23	KED
	Y	**89**		ug/L			837959	826667	2	Standard
	Kr	**83**		ug/L			320	304	3	Standard
⌈>	**In-1**	**115**		ug/L			26418	26568	2	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.005	206	2	1	124	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.001	45	4	2	37	KED
⌈>	**In**	**115**		ug/L			1677151	1652689	3	Standard
⌊	**Ag**	**107**	**-0.001**	ug/L	0.000	19	77	42	12	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2767260	2	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.000	6	1320	2173	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:48:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	29745	1	Standard
	Cl	**37**		ug/L			8962360	8365262	1	Standard
⌈>	**Sc**	**45**		ug/L			1606761	1605035	2	Standard
|	**Al**	**27**	**5031.262**	ug/L	122.404	2	11273	159188057	3	Standard
|	**Cr**	**52**	**49.193**	ug/L	0.803	1	15860	1412023	1	Standard
|	**Cr**	**53**	**50.618**	ug/L	0.463	0	117	165329	1	Standard
|	**Fe**	**54**	**5089.718**	ug/L	65.287	1	93522	15022922	1	Standard
|	**Fe**	**57**	**5066.457**	ug/L	98.451	1	14099	5710853	1	Standard
⌊	**Mn**	**55**	**50.146**	ug/L	0.834	1	1938	2211072	0	Standard
⌈>	**Ge**	**72**		ug/L			87087	89681	1	KED
|	**Ni**	**60**	**49.631**	ug/L	0.621	1	41	76325	0	KED
|	**Ni**	**62**	**49.714**	ug/L	1.118	2	12	12426	1	KED
|	**Cu**	**63**	**49.391**	ug/L	1.026	2	114	222847	0	KED
|	**Cu**	**65**	**50.111**	ug/L	1.140	2	59	113976	1	KED
|	**Zn**	**66**	**50.416**	ug/L	0.483	0	203	34181	0	KED
|	**Zn**	**67**	**50.831**	ug/L	1.210	2	36	5634	3	KED
|	**As**	**75**	**49.183**	ug/L	0.608	1	2	15825	0	KED
⌊	**Se**	**78**	**50.991**	ug/L	0.876	1	9	1935	0	KED
	Y	**89**		ug/L			837959	829757	3	Standard
	Kr	**83**		ug/L			320	333	10	Standard
⌈>	**In-1**	**115**		ug/L			26418	26735	0	KED
|	**Cd**	**111**	**49.987**	ug/L	0.034	0	2	19602	0	KED
⌊	**Cd**	**114**	**50.146**	ug/L	0.282	0	4	51045	0	KED
⌈>	**In**	**115**		ug/L			1677151	1635167	0	Standard
⌊	**Ag**	**107**	**50.524**	ug/L	0.571	1	77	1282598	1	Standard
⌈>	**Tb**	**159**		ug/L			2806950	2791445	2	Standard
⌊	**Pb**	**208**	**50.141**	ug/L	0.683	1	1320	6331954	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 18:55:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29742	27656	1	Standard
	Cl	**37**		ug/L			8962360	7852232	0	Standard
>	**Sc**	**45**		ug/L			1606761	1523776	1	Standard
	Al	**27**	**0.140**	ug/L	0.005	3	11273	14904	1	Standard
	Cr	**52**	**0.028**	ug/L	0.014	49	15860	15799	1	Standard
	Cr	**53**	**0.018**	ug/L	0.002	12	117	166	3	Standard
	Fe	**54**	**1.332**	ug/L	0.488	36	93522	92388	0	Standard
	Fe	**57**	**5.484**	ug/L	0.168	3	14099	19228	2	Standard
	Mn	**55**	**0.073**	ug/L	0.002	2	1938	4903	0	Standard
>	**Ge**	**72**		ug/L			87087	86344	1	KED
	Ni	**60**	**0.012**	ug/L	0.005	38	41	58	10	KED
	Ni	**62**	**-0.002**	ug/L	0.008	382	12	11	16	KED
	Cu	**63**	**0.004**	ug/L	0.003	84	114	130	11	KED
	Cu	**65**	**0.002**	ug/L	0.009	389	59	64	29	KED
	Zn	**66**	**0.321**	ug/L	0.027	8	203	409	5	KED
	Zn	**67**	**0.219**	ug/L	0.053	24	36	59	8	KED
	As	**75**	**0.005**	ug/L	0.002	36	2	3	13	KED
	Se	**78**	**0.079**	ug/L	0.056	71	9	11	18	KED
	Y	**89**		ug/L			837959	775627	1	Standard
	Kr	**83**		ug/L			320	322	9	Standard
>	**In-1**	**115**		ug/L			26418	26012	0	KED
	Cd	**111**	**0.002**	ug/L	0.006	355	2	3	75	KED
	Cd	**114**	**0.003**	ug/L	0.002	72	4	7	25	KED
>	**In**	**115**		ug/L			1677151	1577913	1	Standard
	Ag	**107**	**0.001**	ug/L	0.000	26	77	103	9	Standard
>	**Tb**	**159**		ug/L			2806950	2664696	0	Standard
	Pb	**208**	**0.025**	ug/L	0.001	2	1320	4285	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:01:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				23107	0	Standard
	Cl	**37**		ug/L				7850524	0	Standard
⌈>	**Ge**	**72**		ug/L				84892	1	KED
|	**As**	**75**		ug/L				3	34	KED
⌊	**Se**	**78**		ug/L				8	6	KED
	Y	**89**		ug/L				737698	2	Standard
	Kr	**83**		ug/L				302	3	Standard
⌈>	**In-1**	**115**		ug/L				25350	1	KED
|	**Cd**	**111**		ug/L				2	33	KED
⌊	**Cd**	**114**		ug/L				1	6	KED
⌈>	**In**	**115**		ug/L				1505941	1	Standard
⌊	**Ag**	**107**		ug/L				48	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:04:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	26281	2	Standard
	Cl	**37**		ug/L			7850524	8485322	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	86599	0	KED
|	**As**	**75**	**47.707**	ug/L	0.533	1	3	14825	0	KED
⌊	**Se**	**78**	**48.847**	ug/L	0.209	0	8	1790	1	KED
	Y	**89**		ug/L			737698	784851	0	Standard
	Kr	**83**		ug/L			302	352	9	Standard
⌈>	**In-1**	**115**		ug/L			25350	25575	0	KED
|	**Cd**	**111**	**49.075**	ug/L	0.648	1	2	18410	1	KED
⌊	**Cd**	**114**	**49.513**	ug/L	0.271	0	1	48209	0	KED
⌈>	**In**	**115**		ug/L			1505941	1550207	0	Standard
⌊	**Ag**	**107**	**48.816**	ug/L	0.233	0	48	1174805	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:11:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	23268	1	Standard
	Cl	**37**		ug/L			7850524	7888921	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	84860	1	KED
⎢	**As**	**75**	**-0.002**	ug/L	0.005	220	3	2	50	KED
⎣	**Se**	**78**	**0.070**	ug/L	0.073	104	8	10	23	KED
	Y	**89**		ug/L			737698	739597	5	Standard
	Kr	**83**		ug/L			302	350	3	Standard
⎡>	**In-1**	**115**		ug/L			25350	25404	1	KED
⎢	**Cd**	**111**	**0.002**	ug/L	0.006	353	2	3	62	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.002	103	1	3	52	KED
⎡>	**In**	**115**		ug/L			1505941	1527141	4	Standard
⎣	**Ag**	**107**	**0.001**	ug/L	0.001	37	48	81	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0608-BLK2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:14:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	35867	1	Standard
	Cl	**37**		ug/L			7850524	7899368	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	87053	0	KED
|	**As**	**75**	**-0.004**	ug/L	0.002	41	3	2	20	KED
⌊	**Se**	**78**	**0.047**	ug/L	0.037	77	8	10	12	KED
	Y	**89**		ug/L			737698	776175	1	Standard
	Kr	**83**		ug/L			302	365	6	Standard
⌈>	**In-1**	**115**		ug/L			25350	26458	1	KED
|	**Cd**	**111**	**0.000**	ug/L	0.001	280	2	3	17	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	97	1	3	37	KED
⌈>	**In**	**115**		ug/L			1505941	1589234	0	Standard
⌊	**Ag**	**107**	**0.001**	ug/L	0.002	132	48	80	47	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0608-BS2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:18:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	35038	0	Standard
	Cl	**37**		ug/L			7850524	8014503	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	87066	3	KED
|	**As**	**75**	**22.379**	ug/L	0.512	2	3	6990	1	KED
⌊	**Se**	**78**	**71.041**	ug/L	2.566	3	8	2612	1	KED
	Y	**89**		ug/L			737698	762725	2	Standard
	Kr	**83**		ug/L			302	353	3	Standard
⌈>	**In-1**	**115**		ug/L			25350	26676	0	KED
|	**Cd**	**111**	**22.891**	ug/L	0.275	1	2	8958	0	KED
⌊	**Cd**	**114**	**23.241**	ug/L	0.055	0	1	23604	0	KED
⌈>	**In**	**115**		ug/L			1505941	1566781	0	Standard
⌊	**Ag**	**107**	**24.217**	ug/L	0.566	2	48	589110	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0777-BLK2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:22:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	40751	0	Standard
	Cl	**37**		ug/L			7850524	7942775	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	86119	0	KED
|	**As**	**75**	**0.004**	ug/L	0.006	142	3	4	40	KED
⌊	**Se**	**78**	**0.083**	ug/L	0.089	106	8	11	28	KED
	Y	**89**		ug/L			737698	782029	1	Standard
	Kr	**83**		ug/L			302	358	2	Standard
⌈>	**In-1**	**115**		ug/L			25350	25489	1	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.005	5979	2	2	66	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.004	157	1	4	92	KED
⌈>	**In**	**115**		ug/L			1505941	1604131	0	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.000	20	48	104	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0777-BS2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:25:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	37417	1	Standard
	Cl	**37**		ug/L			7850524	8031226	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	85019	1	KED
⎢	**As**	**75**	**22.737**	ug/L	0.181	0	3	6939	2	KED
⎣	**Se**	**78**	**72.645**	ug/L	0.405	0	8	2610	2	KED
	Y	**89**		ug/L			737698	764394	2	Standard
	Kr	**83**		ug/L			302	340	3	Standard
⎡>	**In-1**	**115**		ug/L			25350	25125	2	KED
⎢	**Cd**	**111**	**23.872**	ug/L	0.321	1	2	8798	1	KED
⎣	**Cd**	**114**	**24.074**	ug/L	0.458	1	1	23022	0	KED
⎡>	**In**	**115**		ug/L			1505941	1568111	0	Standard
⎣	**Ag**	**107**	**23.314**	ug/L	0.213	0	48	567555	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:29:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	38197	1	Standard
	Cl	**37**		ug/L			7850524	8538236	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	84200	1	KED
|	**As**	**75**	**1.657**	ug/L	0.048	2	3	504	4	KED
⌊	**Se**	**78**	**0.308**	ug/L	0.038	12	8	18	5	KED
	Y	**89**		ug/L			737698	906363	1	Standard
	Kr	**83**		ug/L			302	377	11	Standard
⌈>	**In-1**	**115**		ug/L			25350	24885	1	KED
|	**Cd**	**111**	**0.142**	ug/L	0.020	14	2	54	13	KED
⌊	**Cd**	**114**	**0.152**	ug/L	0.019	12	1	145	12	KED
⌈>	**In**	**115**		ug/L			1505941	1554758	1	Standard
⌊	**Ag**	**107**	**0.035**	ug/L	0.002	6	48	886	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:33:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	40091	1	Standard
	Cl	**37**		ug/L			7850524	8450667	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	86821	0	KED
|	**As**	**75**	**1.382**	ug/L	0.044	3	3	433	2	KED
⌊	**Se**	**78**	**0.246**	ug/L	0.038	15	8	17	8	KED
	Y	**89**		ug/L			737698	909358	3	Standard
	Kr	**83**		ug/L			302	353	4	Standard
⌈>	**In-1**	**115**		ug/L			25350	25755	1	KED
|	**Cd**	**111**	**0.040**	ug/L	0.021	52	2	17	42	KED
⌊	**Cd**	**114**	**0.046**	ug/L	0.005	10	1	46	10	KED
⌈>	**In**	**115**		ug/L			1505941	1574505	0	Standard
⌊	**Ag**	**107**	**0.028**	ug/L	0.004	13	48	732	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:37:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	40223	1	Standard
	Cl	**37**		ug/L			7850524	8093974	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	88384	1	KED
|	**As**	**75**	**1.221**	ug/L	0.024	2	3	390	3	KED
⌊	**Se**	**78**	**0.238**	ug/L	0.063	26	8	17	13	KED
	Y	**89**		ug/L			737698	910864	1	Standard
	Kr	**83**		ug/L			302	363	5	Standard
⌈>	**In-1**	**115**		ug/L			25350	26360	1	KED
|	**Cd**	**111**	**0.018**	ug/L	0.006	33	2	9	24	KED
⌊	**Cd**	**114**	**0.025**	ug/L	0.004	17	1	27	16	KED
⌈>	**In**	**115**		ug/L			1505941	1577944	0	Standard
⌊	**Ag**	**107**	**0.022**	ug/L	0.002	7	48	594	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0777-DUP2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:40:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	42886	2	Standard
	Cl	**37**		ug/L			7850524	8183578	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	86537	1	KED
⎢	**As**	**75**	**1.203**	ug/L	0.041	3	3	376	3	KED
⎣	**Se**	**78**	**0.167**	ug/L	0.108	64	8	14	27	KED
	Y	**89**		ug/L			737698	922734	2	Standard
	Kr	**83**		ug/L			302	353	8	Standard
⎡>	**In-1**	**115**		ug/L			25350	25969	1	KED
⎢	**Cd**	**111**	**0.016**	ug/L	0.010	59	2	9	41	KED
⎣	**Cd**	**114**	**0.028**	ug/L	0.012	40	1	30	39	KED
⎡>	**In**	**115**		ug/L			1505941	1613694	0	Standard
⎣	**Ag**	**107**	**0.025**	ug/L	0.002	8	48	685	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0777-MS2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:44:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	40797	0	Standard
	Cl	**37**		ug/L			7850524	8462708	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	85706	0	KED
|	**As**	**75**	**24.099**	ug/L	0.305	1	3	7413	1	KED
⌊	**Se**	**78**	**72.781**	ug/L	1.532	2	8	2636	1	KED
	Y	**89**		ug/L			737698	919223	1	Standard
	Kr	**83**		ug/L			302	372	3	Standard
⌈>	**In-1**	**115**		ug/L			25350	25457	1	KED
|	**Cd**	**111**	**24.358**	ug/L	0.114	0	2	9096	0	KED
⌊	**Cd**	**114**	**24.257**	ug/L	0.309	1	1	23507	0	KED
⌈>	**In**	**115**		ug/L			1505941	1577302	0	Standard
⌊	**Ag**	**107**	**2.569**	ug/L	0.008	0	48	62953	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0777-PS2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:49:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	35346	0	Standard
	Cl	**37**		ug/L			7850524	8013080	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	88177	1	KED
|	**As**	**75**	**25.063**	ug/L	0.377	1	3	7931	0	KED
⌊	**Se**	**78**	**74.684**	ug/L	0.583	0	8	2783	1	KED
	Y	**89**		ug/L			737698	893187	2	Standard
	Kr	**83**		ug/L			302	386	4	Standard
⌈>	**In-1**	**115**		ug/L			25350	26046	0	KED
|	**Cd**	**111**	**24.674**	ug/L	0.227	0	2	9428	1	KED
⌊	**Cd**	**114**	**25.116**	ug/L	0.099	0	1	24906	0	KED
⌈>	**In**	**115**		ug/L			1505941	1557075	3	Standard
⌊	**Ag**	**107**	**23.825**	ug/L	0.122	0	48	575895	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 19:57:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	25761	2	Standard
	Cl	**37**		ug/L			7850524	8300550	1	Standard
⎡>	**Ge**	**72**		ug/L			84892	85803	2	KED
⎢	**As**	**75**	**48.859**	ug/L	0.911	1	3	15039	1	KED
⎣	**Se**	**78**	**48.746**	ug/L	0.917	1	8	1770	1	KED
	Y	**89**		ug/L			737698	755708	1	Standard
	Kr	**83**		ug/L			302	374	12	Standard
⎡>	**In-1**	**115**		ug/L			25350	25937	1	KED
⎢	**Cd**	**111**	**49.021**	ug/L	0.760	1	2	18648	1	KED
⎣	**Cd**	**114**	**49.107**	ug/L	0.344	0	1	48495	2	KED
⎡>	**In**	**115**		ug/L			1505941	1519563	1	Standard
⎣	**Ag**	**107**	**48.691**	ug/L	0.626	1	48	1148553	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:03:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	23993	1	Standard
	Cl	**37**		ug/L			7850524	7756992	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	87384	2	KED
⎢	**As**	**75**	**-0.004**	ug/L	0.002	56	3	2	32	KED
⎣	**Se**	**78**	**0.021**	ug/L	0.019	88	8	9	5	KED
	Y	**89**		ug/L			737698	746972	2	Standard
	Kr	**83**		ug/L			302	343	5	Standard
⎡>	**In-1**	**115**		ug/L			25350	26166	0	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.005	183	2	1	100	KED
⎣	**Cd**	**114**	**-0.000**	ug/L	0.002	3508	1	1	106	KED
⎡>	**In**	**115**		ug/L			1505941	1534532	1	Standard
⎣	**Ag**	**107**	**0.002**	ug/L	0.001	34	48	97	18	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:07:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	41912	1	Standard
	Cl	**37**		ug/L			7850524	7872356	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	89373	1	KED
|	**As**	**75**	**2.054**	ug/L	0.050	2	3	662	3	KED
⌊	**Se**	**78**	**0.362**	ug/L	0.173	47	8	22	28	KED
	Y	**89**		ug/L			737698	921044	0	Standard
	Kr	**83**		ug/L			302	384	5	Standard
⌈>	**In-1**	**115**		ug/L			25350	25920	1	KED
|	**Cd**	**111**	**0.219**	ug/L	0.016	7	2	86	8	KED
⌊	**Cd**	**114**	**0.224**	ug/L	0.013	5	1	222	6	KED
⌈>	**In**	**115**		ug/L			1505941	1604498	0	Standard
⌊	**Ag**	**107**	**0.066**	ug/L	0.001	2	48	1695	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:10:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	46072	2	Standard
	Cl	**37**		ug/L			7850524	7911137	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	88929	0	KED
|	**As**	**75**	**3.539**	ug/L	0.069	1	3	1132	1	KED
⌊	**Se**	**78**	**0.413**	ug/L	0.101	24	8	23	15	KED
	Y	**89**		ug/L			737698	922560	2	Standard
	Kr	**83**		ug/L			302	398	9	Standard
⌈>	**In-1**	**115**		ug/L			25350	25863	1	KED
|	**Cd**	**111**	**0.319**	ug/L	0.010	3	2	123	1	KED
⌊	**Cd**	**114**	**0.306**	ug/L	0.011	3	1	302	2	KED
⌈>	**In**	**115**		ug/L			1505941	1600862	0	Standard
⌊	**Ag**	**107**	**0.149**	ug/L	0.002	1	48	3751	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:14:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	44018	0	Standard
	Cl	**37**		ug/L			7850524	8172876	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	84849	0	KED
|	**As**	**75**	**4.681**	ug/L	0.082	1	3	1428	1	KED
⌊	**Se**	**78**	**0.435**	ug/L	0.059	13	8	23	8	KED
	Y	**89**		ug/L			737698	956626	1	Standard
	Kr	**83**		ug/L			302	414	11	Standard
⌈>	**In-1**	**115**		ug/L			25350	25717	0	KED
|	**Cd**	**111**	**0.281**	ug/L	0.006	2	2	108	2	KED
⌊	**Cd**	**114**	**0.274**	ug/L	0.016	5	1	270	5	KED
⌈>	**In**	**115**		ug/L			1505941	1567882	0	Standard
⌊	**Ag**	**107**	**0.262**	ug/L	0.004	1	48	6419	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-07
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:18:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	43384	1	Standard
	Cl	**37**		ug/L			7850524	7912376	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	89012	1	KED
|	**As**	**75**	**1.886**	ug/L	0.045	2	3	605	2	KED
⌊	**Se**	**78**	**0.325**	ug/L	0.052	15	8	20	10	KED
	Y	**89**		ug/L			737698	932287	0	Standard
	Kr	**83**		ug/L			302	375	2	Standard
⌈>	**In-1**	**115**		ug/L			25350	26852	0	KED
|	**Cd**	**111**	**0.077**	ug/L	0.011	13	2	33	13	KED
⌊	**Cd**	**114**	**0.081**	ug/L	0.028	35	1	84	33	KED
⌈>	**In**	**115**		ug/L			1505941	1628244	2	Standard
⌊	**Ag**	**107**	**0.041**	ug/L	0.003	6	48	1079	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-08
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:21:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	47910	1	Standard
	Cl	**37**		ug/L			7850524	8125042	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	84015	1	KED
|	**As**	**75**	**4.592**	ug/L	0.224	4	3	1387	3	KED
⌊	**Se**	**78**	**0.415**	ug/L	0.025	5	8	22	4	KED
	Y	**89**		ug/L			737698	948170	1	Standard
	Kr	**83**		ug/L			302	371	3	Standard
⌈>	**In-1**	**115**		ug/L			25350	24663	2	KED
|	**Cd**	**111**	**0.267**	ug/L	0.043	16	2	99	18	KED
⌊	**Cd**	**114**	**0.268**	ug/L	0.034	12	1	253	11	KED
⌈>	**In**	**115**		ug/L			1505941	1563270	1	Standard
⌊	**Ag**	**107**	**0.240**	ug/L	0.006	2	48	5871	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-09
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:25:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	44293	1	Standard
	Cl	**37**		ug/L			7850524	8032123	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	83130	2	KED
|	**As**	**75**	**5.372**	ug/L	0.146	2	3	1605	0	KED
⌊	**Se**	**78**	**0.408**	ug/L	0.063	15	8	22	8	KED
	Y	**89**		ug/L			737698	936715	0	Standard
	Kr	**83**		ug/L			302	375	11	Standard
⌈>	**In-1**	**115**		ug/L			25350	24726	1	KED
|	**Cd**	**111**	**0.469**	ug/L	0.056	12	2	172	11	KED
⌊	**Cd**	**114**	**0.416**	ug/L	0.010	2	1	393	3	KED
⌈>	**In**	**115**		ug/L			1505941	1554796	0	Standard
⌊	**Ag**	**107**	**0.249**	ug/L	0.003	1	48	6048	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-10
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:29:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	46650	0	Standard
	Cl	**37**		ug/L			7850524	7993099	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	89185	0	KED
|	**As**	**75**	**5.086**	ug/L	0.154	3	3	1631	3	KED
⌊	**Se**	**78**	**0.320**	ug/L	0.195	60	8	20	35	KED
	Y	**89**		ug/L			737698	955747	0	Standard
	Kr	**83**		ug/L			302	377	1	Standard
⌈>	**In-1**	**115**		ug/L			25350	26168	1	KED
|	**Cd**	**111**	**0.141**	ug/L	0.015	10	2	57	9	KED
⌊	**Cd**	**114**	**0.109**	ug/L	0.007	6	1	110	5	KED
⌈>	**In**	**115**		ug/L			1505941	1638865	0	Standard
⌊	**Ag**	**107**	**0.101**	ug/L	0.005	4	48	2623	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-11
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:33:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	43179	0	Standard
	Cl	**37**		ug/L			7850524	7785484	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	91323	1	KED
|	**As**	**75**	**1.951**	ug/L	0.060	3	3	643	3	KED
⌊	**Se**	**78**	**0.247**	ug/L	0.055	22	8	18	11	KED
	Y	**89**		ug/L			737698	938973	1	Standard
	Kr	**83**		ug/L			302	374	7	Standard
⌈>	**In-1**	**115**		ug/L			25350	26626	0	KED
|	**Cd**	**111**	**0.026**	ug/L	0.008	33	2	13	25	KED
⌊	**Cd**	**114**	**0.028**	ug/L	0.006	20	1	30	18	KED
⌈>	**In**	**115**		ug/L			1505941	1617506	1	Standard
⌊	**Ag**	**107**	**0.047**	ug/L	0.003	7	48	1226	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0265-12 RE1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:37:09

MB 7/1/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	46134	0	Standard
	Cl	**37**		ug/L			7850524	8118595	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	88437	0	KED
|	**As**	**75**	**1.992**	ug/L	0.049	2	3	635	1	KED
⌊	**Se**	**78**	**0.304**	ug/L	0.055	18	8	19	10	KED
	Y	**89**		ug/L			737698	955945	1	Standard
	Kr	**83**		ug/L			302	405	12	Standard
⌈>	**In-1**	**115**		ug/L			25350	26351	1	KED
|	**Cd**	**111**	**2.102**	ug/L	0.045	2	2	815	1	KED
⌊	**Cd**	**114**	**1.997**	ug/L	0.012	0	1	2005	2	KED
⌈>	**In**	**115**		ug/L			1505941	1606753	0	Standard
⌊	**Ag**	**107**	**0.066**	ug/L	0.001	2	48	1695	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:42:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	29400	1	Standard
	Cl	**37**		ug/L			7850524	7574312	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	90582	0	KED
⎢	**As**	**75**	**-0.002**	ug/L	0.005	271	3	3	48	KED
⎣	**Se**	**78**	**0.034**	ug/L	0.056	166	8	9	21	KED
	Y	**89**		ug/L			737698	787810	3	Standard
	Kr	**83**		ug/L			302	378	2	Standard
⎡>	**In-1**	**115**		ug/L			25350	27048	1	KED
⎢	**Cd**	**111**	**0.000**	ug/L	0.004	1157	2	3	45	KED
⎣	**Cd**	**114**	**0.000**	ug/L	0.001	431	1	2	54	KED
⎡>	**In**	**115**		ug/L			1505941	1616374	1	Standard
⎣	**Ag**	**107**	**-0.000**	ug/L	0.000	63	48	45	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:46:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	26519	0	Standard
	Cl	**37**		ug/L			7850524	8309672	1	Standard
⎡>	**Ge**	**72**		ug/L			84892	88193	1	KED
⎢	**As**	**75**	**48.409**	ug/L	0.291	0	3	15321	1	KED
⎣	**Se**	**78**	**48.008**	ug/L	0.234	0	8	1792	1	KED
	Y	**89**		ug/L			737698	775596	2	Standard
	Kr	**83**		ug/L			302	389	10	Standard
⎡>	**In-1**	**115**		ug/L			25350	25966	1	KED
⎢	**Cd**	**111**	**49.526**	ug/L	0.810	1	2	18859	1	KED
⎣	**Cd**	**114**	**49.782**	ug/L	0.605	1	1	49206	1	KED
⎡>	**In**	**115**		ug/L			1505941	1568427	1	Standard
⎣	**Ag**	**107**	**49.027**	ug/L	0.704	1	48	1193691	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:52:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	24366	1	Standard
	Cl	**37**		ug/L			7850524	7772932	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	89367	3	KED
|	**As**	**75**	**-0.001**	ug/L	0.003	287	3	3	28	KED
⌊	**Se**	**78**	**-0.004**	ug/L	0.031	887	8	8	12	KED
	Y	**89**		ug/L			737698	797679	1	Standard
	Kr	**83**		ug/L			302	364	5	Standard
⌈>	**In-1**	**115**		ug/L			25350	26744	1	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.004	85	2	1	114	KED
⌊	**Cd**	**114**	**0.006**	ug/L	0.001	15	1	7	13	KED
⌈>	**In**	**115**		ug/L			1505941	1604424	1	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.000	31	48	92	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0785-BLK2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 20:56:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	42147	1	Standard
	Cl	**37**		ug/L			7850524	7746831	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	88293	0	KED
|	**As**	**75**	**0.000**	ug/L	0.002	3057	3	3	15	KED
⌊	**Se**	**78**	**-0.020**	ug/L	0.023	114	8	7	10	KED
	Y	**89**		ug/L			737698	805366	3	Standard
	Kr	**83**		ug/L			302	354	14	Standard
⌈>	**In-1**	**115**		ug/L			25350	25867	2	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.003	295	2	2	43	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.001	265	1	2	51	KED
⌈>	**In**	**115**		ug/L			1505941	1645569	1	Standard
⌊	**Ag**	**107**	**0.000**	ug/L	0.000	217	48	57	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0785-BS2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:00:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	40266	0	Standard
	Cl	**37**		ug/L			7850524	7816268	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	88351	1	KED
|	**As**	**75**	**20.787**	ug/L	0.256	1	3	6592	1	KED
⌊	**Se**	**78**	**67.192**	ug/L	0.746	1	8	2509	0	KED
	Y	**89**		ug/L			737698	795372	1	Standard
	Kr	**83**		ug/L			302	320	9	Standard
⌈>	**In-1**	**115**		ug/L			25350	26193	0	KED
|	**Cd**	**111**	**21.883**	ug/L	0.334	1	2	8409	1	KED
⌊	**Cd**	**114**	**21.814**	ug/L	0.312	1	1	21754	1	KED
⌈>	**In**	**115**		ug/L			1505941	1616608	1	Standard
⌊	**Ag**	**107**	**21.529**	ug/L	0.182	0	48	540349	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0269-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:03:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	49571	0	Standard
	Cl	**37**		ug/L			7850524	7781343	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	89737	0	KED
|	**As**	**75**	**4.014**	ug/L	0.060	1	3	1296	1	KED
⌊	**Se**	**78**	**0.564**	ug/L	0.182	32	8	29	22	KED
	Y	**89**		ug/L			737698	984985	1	Standard
	Kr	**83**		ug/L			302	422	4	Standard
⌈>	**In-1**	**115**		ug/L			25350	26243	0	KED
|	**Cd**	**111**	**0.166**	ug/L	0.023	13	2	66	13	KED
⌊	**Cd**	**114**	**0.178**	ug/L	0.011	6	1	179	6	KED
⌈>	**In**	**115**		ug/L			1505941	1598963	0	Standard
⌊	**Ag**	**107**	**0.324**	ug/L	0.008	2	48	8105	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0277-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:07:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	46263	0	Standard
	Cl	**37**		ug/L			7850524	7788217	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	90646	1	KED
|	**As**	**75**	**1.819**	ug/L	0.061	3	3	595	2	KED
⌊	**Se**	**78**	**0.241**	ug/L	0.095	39	8	17	19	KED
	Y	**89**		ug/L			737698	956765	1	Standard
	Kr	**83**		ug/L			302	398	7	Standard
⌈>	**In-1**	**115**		ug/L			25350	26896	1	KED
|	**Cd**	**111**	**0.070**	ug/L	0.006	8	2	30	8	KED
⌊	**Cd**	**114**	**0.060**	ug/L	0.020	32	1	63	32	KED
⌈>	**In**	**115**		ug/L			1505941	1612301	0	Standard
⌊	**Ag**	**107**	**0.029**	ug/L	0.001	2	48	768	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0277-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:11:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	48982	0	Standard
	Cl	**37**		ug/L			7850524	7691796	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	90218	0	KED
|	**As**	**75**	**2.684**	ug/L	0.098	3	3	872	3	KED
⌊	**Se**	**78**	**0.472**	ug/L	0.157	33	8	26	22	KED
	Y	**89**		ug/L			737698	999987	0	Standard
	Kr	**83**		ug/L			302	426	5	Standard
⌈>	**In-1**	**115**		ug/L			25350	26656	1	KED
|	**Cd**	**111**	**0.101**	ug/L	0.022	21	2	42	18	KED
⌊	**Cd**	**114**	**0.114**	ug/L	0.019	17	1	117	18	KED
⌈>	**In**	**115**		ug/L			1505941	1608396	1	Standard
⌊	**Ag**	**107**	**0.049**	ug/L	0.001	1	48	1269	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0785-DUP2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:14:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	49614	0	Standard
	Cl	**37**		ug/L			7850524	7715933	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	89892	0	KED
|	**As**	**75**	**1.969**	ug/L	0.050	2	3	638	2	KED
⌊	**Se**	**78**	**0.294**	ug/L	0.056	19	8	19	11	KED
	Y	**89**		ug/L			737698	964392	1	Standard
	Kr	**83**		ug/L			302	417	4	Standard
⌈>	**In-1**	**115**		ug/L			25350	26562	1	KED
|	**Cd**	**111**	**0.073**	ug/L	0.003	4	2	31	5	KED
⌊	**Cd**	**114**	**0.060**	ug/L	0.016	26	1	62	24	KED
⌈>	**In**	**115**		ug/L			1505941	1613201	2	Standard
⌊	**Ag**	**107**	**0.029**	ug/L	0.002	6	48	781	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0785-MS2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:18:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	42042	0	Standard
	Cl	**37**		ug/L			7850524	7838156	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	89774	1	KED
|	**As**	**75**	**24.144**	ug/L	0.276	1	3	7779	0	KED
⌊	**Se**	**78**	**72.100**	ug/L	1.218	1	8	2736	2	KED
	Y	**89**		ug/L			737698	965352	2	Standard
	Kr	**83**		ug/L			302	416	1	Standard
⌈>	**In-1**	**115**		ug/L			25350	26145	1	KED
|	**Cd**	**111**	**24.000**	ug/L	0.130	0	2	9205	1	KED
⌊	**Cd**	**114**	**24.413**	ug/L	0.504	2	1	24294	0	KED
⌈>	**In**	**115**		ug/L			1505941	1613055	0	Standard
⌊	**Ag**	**107**	**21.564**	ug/L	0.454	2	48	540087	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0785-PS2
Sample Dil Factor: 20
Comments:

DEL

Sample Date/Time: Thursday, July 01, 2021 21:22:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	46614	2	Standard
	Cl	**37**		ug/L			7850524	7782524	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	89846	0	KED
|	**As**	**75**	**26.668**	ug/L	0.379	1	3	8600	1	KED
⌊	**Se**	**78**	**74.466**	ug/L	2.411	3	8	2828	3	KED
	Y	**89**		ug/L			737698	987762	1	Standard
	Kr	**83**		ug/L			302	441	3	Standard
⌈>	**In-1**	**115**		ug/L			25350	26566	0	KED
|	**Cd**	**111**	**24.998**	ug/L	0.370	1	2	9742	1	KED
⌊	**Cd**	**114**	**25.046**	ug/L	0.110	0	1	25332	0	KED
⌈>	**In**	**115**		ug/L			1505941	1607929	1	Standard
⌊	**Ag**	**107**	**23.502**	ug/L	0.117	0	48	586682	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0785-SRM2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:26:54

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	38165	2	Standard
	Cl	**37**		ug/L			7850524	8133169	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	78300	12	KED
|	**As**	**75**	**90.445**	ug/L	9.156	10	3	25196	2	KED
⌊	**Se**	**78**	**86.939**	ug/L	6.687	7	8	2857	4	KED
	Y	**89**		ug/L			737698	1147675	2	Standard
	Kr	**83**		ug/L			302	418	3	Standard
⌈>	**In-1**	**115**		ug/L			25350	25702	1	KED
|	**Cd**	**111**	**102.864**	ug/L	1.523	1	2	38771	0	KED
⌊	**Cd**	**114**	**103.685**	ug/L	1.947	1	1	101435	0	KED
⌈>	**In**	**115**		ug/L			1505941	1612251	1	Standard
⌊	**Ag**	**107**	**27.286**	ug/L	0.575	2	48	683025	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:33:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	29355	1	Standard
	Cl	**37**		ug/L			7850524	7548296	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	86462	1	KED
⎢	**As**	**75**	**0.006**	ug/L	0.002	34	3	5	13	KED
⎣	**Se**	**78**	**0.021**	ug/L	0.041	191	8	9	15	KED
	Y	**89**		ug/L			737698	786017	1	Standard
	Kr	**83**		ug/L			302	349	4	Standard
⎡>	**In-1**	**115**		ug/L			25350	26429	2	KED
⎢	**Cd**	**111**	**0.022**	ug/L	0.013	59	2	11	46	KED
⎣	**Cd**	**114**	**0.013**	ug/L	0.001	4	1	14	1	KED
⎡>	**In**	**115**		ug/L			1505941	1596566	0	Standard
⎣	**Ag**	**107**	**0.001**	ug/L	0.001	44	48	86	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:37:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	26717	1	Standard
	Cl	**37**		ug/L			7850524	8309046	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	86412	0	KED
⎢	**As**	**75**	**48.670**	ug/L	0.364	0	3	15092	1	KED
⎣	**Se**	**78**	**48.866**	ug/L	0.311	0	8	1787	0	KED
	Y	**89**		ug/L			737698	763846	2	Standard
	Kr	**83**		ug/L			302	363	16	Standard
⎡>	**In-1**	**115**		ug/L			25350	24948	1	KED
⎢	**Cd**	**111**	**50.456**	ug/L	0.721	1	2	18463	1	KED
⎣	**Cd**	**114**	**50.635**	ug/L	1.387	2	1	48083	1	KED
⎡>	**In**	**115**		ug/L			1505941	1542334	0	Standard
⎣	**Ag**	**107**	**47.617**	ug/L	0.218	0	48	1140112	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:43:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	24708	1	Standard
	Cl	**37**		ug/L			7850524	7769929	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	85485	1	KED
⎢	**As**	**75**	**0.003**	ug/L	0.002	72	3	4	16	KED
⎣	**Se**	**78**	**0.050**	ug/L	0.025	50	8	9	10	KED
	Y	**89**		ug/L			737698	788533	1	Standard
	Kr	**83**		ug/L			302	371	7	Standard
⎡>	**In-1**	**115**		ug/L			25350	25556	0	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.000	1	2	1		KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.002	114	1	3	55	KED
⎡>	**In**	**115**		ug/L			1505941	1634991	1	Standard
⎣	**Ag**	**107**	**0.001**	ug/L	0.000	30	48	87	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:47:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	46559	1	Standard
	Cl	**37**		ug/L			7850524	7701545	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	86830	0	KED
|	**As**	**75**	**3.403**	ug/L	0.088	2	3	1063	2	KED
⌊	**Se**	**78**	**1.077**	ug/L	0.029	2	8	47	1	KED
	Y	**89**		ug/L			737698	1013348	1	Standard
	Kr	**83**		ug/L			302	377	7	Standard
⌈>	**In-1**	**115**		ug/L			25350	26101	1	KED
|	**Cd**	**111**	**0.084**	ug/L	0.008	9	2	35	7	KED
⌊	**Cd**	**114**	**0.050**	ug/L	0.009	17	1	51	15	KED
⌈>	**In**	**115**		ug/L			1505941	1649024	0	Standard
⌊	**Ag**	**107**	**0.087**	ug/L	0.001	1	48	2289	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:51:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	46625	1	Standard
	Cl	**37**		ug/L			7850524	7557533	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	86164	1	KED
|	**As**	**75**	**4.594**	ug/L	0.077	1	3	1423	0	KED
⌊	**Se**	**78**	**0.368**	ug/L	0.042	11	8	21	7	KED
	Y	**89**		ug/L			737698	982830	2	Standard
	Kr	**83**		ug/L			302	400	8	Standard
⌈>	**In-1**	**115**		ug/L			25350	25639	0	KED
|	**Cd**	**111**	**0.084**	ug/L	0.018	21	2	34	19	KED
⌊	**Cd**	**114**	**0.058**	ug/L	0.017	29	1	58	28	KED
⌈>	**In**	**115**		ug/L			1505941	1599593	0	Standard
⌊	**Ag**	**107**	**0.071**	ug/L	0.002	3	48	1817	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:55:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	48009	0	Standard
	Cl	**37**		ug/L			7850524	7593639	1	Standard
⎡>	**Ge**	**72**		ug/L			84892	86973	1	KED
⎢	**As**	**75**	**3.767**	ug/L	0.146	3	3	1178	2	KED
⎣	**Se**	**78**	**0.534**	ug/L	0.046	8	8	27	4	KED
	Y	**89**		ug/L			737698	998365	0	Standard
	Kr	**83**		ug/L			302	404	5	Standard
⎡>	**In-1**	**115**		ug/L			25350	25773	0	KED
⎢	**Cd**	**111**	**0.088**	ug/L	0.019	21	2	36	18	KED
⎣	**Cd**	**114**	**0.089**	ug/L	0.010	11	1	88	10	KED
⎡>	**In**	**115**		ug/L			1505941	1624959	0	Standard
⎣	**Ag**	**107**	**0.086**	ug/L	0.001	1	48	2229	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 21:58:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	49547	0	Standard
	Cl	**37**		ug/L			7850524	7630855	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	88121	1	KED
|	**As**	**75**	**3.154**	ug/L	0.047	1	3	1000	0	KED
⌊	**Se**	**78**	**0.420**	ug/L	0.042	9	8	24	7	KED
	Y	**89**		ug/L			737698	971866	2	Standard
	Kr	**83**		ug/L			302	361	2	Standard
⌈>	**In-1**	**115**		ug/L			25350	25775	1	KED
|	**Cd**	**111**	**0.061**	ug/L	0.009	14	2	26	11	KED
⌊	**Cd**	**114**	**0.056**	ug/L	0.006	11	1	56	12	KED
⌈>	**In**	**115**		ug/L			1505941	1653179	0	Standard
⌊	**Ag**	**107**	**0.066**	ug/L	0.004	5	48	1744	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:02:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	48915	0	Standard
	Cl	**37**		ug/L			7850524	7571480	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	88514	0	KED
|	**As**	**75**	**2.130**	ug/L	0.047	2	3	680	2	KED
⌊	**Se**	**78**	**0.355**	ug/L	0.128	35	8	21	22	KED
	Y	**89**		ug/L			737698	978900	1	Standard
	Kr	**83**		ug/L			302	388	6	Standard
⌈>	**In-1**	**115**		ug/L			25350	25756	1	KED
|	**Cd**	**111**	**0.056**	ug/L	0.004	6	2	24	4	KED
⌊	**Cd**	**114**	**0.044**	ug/L	0.003	7	1	44	6	KED
⌈>	**In**	**115**		ug/L			1505941	1628383	1	Standard
⌊	**Ag**	**107**	**0.044**	ug/L	0.001	2	48	1158	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-07
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:06:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	39895	1	Standard
	Cl	**37**		ug/L			7850524	7513314	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	86285	1	KED
|	**As**	**75**	**5.480**	ug/L	0.129	2	3	1699	2	KED
⌊	**Se**	**78**	**0.530**	ug/L	0.043	8	8	27	4	KED
	Y	**89**		ug/L			737698	967986	1	Standard
	Kr	**83**		ug/L			302	392	10	Standard
⌈>	**In-1**	**115**		ug/L			25350	25370	0	KED
|	**Cd**	**111**	**0.131**	ug/L	0.023	17	2	51	15	KED
⌊	**Cd**	**114**	**0.150**	ug/L	0.014	9	1	146	9	KED
⌈>	**In**	**115**		ug/L			1505941	1606305	2	Standard
⌊	**Ag**	**107**	**0.095**	ug/L	0.005	4	48	2410	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-08
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:09:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	52093	1	Standard
	Cl	**37**		ug/L			7850524	7480695	1	Standard
⌈>	**Ge**	**72**		ug/L			84892	86274	1	KED
|	**As**	**75**	**4.298**	ug/L	0.048	1	3	1333	0	KED
⌊	**Se**	**78**	**0.511**	ug/L	0.041	8	8	26	6	KED
	Y	**89**		ug/L			737698	1018111	1	Standard
	Kr	**83**		ug/L			302	442	4	Standard
⌈>	**In-1**	**115**		ug/L			25350	25905	1	KED
|	**Cd**	**111**	**0.091**	ug/L	0.007	7	2	37	7	KED
⌊	**Cd**	**114**	**0.127**	ug/L	0.012	9	1	127	8	KED
⌈>	**In**	**115**		ug/L			1505941	1633315	0	Standard
⌊	**Ag**	**107**	**0.101**	ug/L	0.003	2	48	2602	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-09
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:14:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	52818	1	Standard
	Cl	**37**		ug/L			7850524	7467744	0	Standard
⌈>	**Ge**	**72**		ug/L			84892	85829	1	KED
|	**As**	**75**	**4.020**	ug/L	0.064	1	3	1241	1	KED
⌊	**Se**	**78**	**0.520**	ug/L	0.129	24	8	27	16	KED
	Y	**89**		ug/L			737698	972240	1	Standard
	Kr	**83**		ug/L			302	418	6	Standard
⌈>	**In-1**	**115**		ug/L			25350	26042	0	KED
|	**Cd**	**111**	**0.071**	ug/L	0.023	32	2	30	28	KED
⌊	**Cd**	**114**	**0.076**	ug/L	0.014	18	1	77	17	KED
⌈>	**In**	**115**		ug/L			1505941	1627811	0	Standard
⌊	**Ag**	**107**	**0.082**	ug/L	0.002	2	48	2135	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0608-SRM2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:18:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	48224	1	Standard
	Cl	**37**		ug/L			7850524	7987321	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	86854	0	KED
⎢	**As**	**75**	**90.224**	ug/L	0.433	0	3	28118	1	KED
⎣	**Se**	**78**	**89.344**	ug/L	0.298	0	8	3278	1	KED
	Y	**89**		ug/L			737698	1235256	1	Standard
	Kr	**83**		ug/L			302	453	7	Standard
⎡>	**In-1**	**115**		ug/L			25350	25735	2	KED
⎢	**Cd**	**111**	**110.970**	ug/L	1.715	1	2	41876	0	KED
⎣	**Cd**	**114**	**110.675**	ug/L	2.093	1	1	108405	0	KED
⎡>	**In**	**115**		ug/L			1505941	1632902	0	Standard
⎣	**Ag**	**107**	**30.840**	ug/L	0.660	2	48	781751	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:24:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	28431	1	Standard
	Cl	**37**		ug/L			7850524	7346616	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	86292	3	KED
⎢	**As**	**75**	**-0.000**	ug/L	0.002	1116	3	3	20	KED
⎣	**Se**	**78**	**0.092**	ug/L	0.055	60	8	11	15	KED
	Y	**89**		ug/L			737698	758236	2	Standard
	Kr	**83**		ug/L			302	370	4	Standard
⎡>	**In-1**	**115**		ug/L			25350	25894	1	KED
⎢	**Cd**	**111**	**0.001**	ug/L	0.006	860	2	3	69	KED
⎣	**Cd**	**114**	**0.006**	ug/L	0.004	73	1	7	55	KED
⎡>	**In**	**115**		ug/L			1505941	1600588	0	Standard
⎣	**Ag**	**107**	**0.000**	ug/L	0.000	122	48	60	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:28:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	26449	1	Standard
	Cl	**37**		ug/L			7850524	8289975	1	Standard
⎡>	**Ge**	**72**		ug/L			84892	86573	0	KED
⎢	**As**	**75**	**48.898**	ug/L	0.413	0	3	15191	1	KED
⎣	**Se**	**78**	**48.319**	ug/L	0.280	0	8	1771	1	KED
	Y	**89**		ug/L			737698	784421	2	Standard
	Kr	**83**		ug/L			302	382	9	Standard
⎡>	**In-1**	**115**		ug/L			25350	25431	0	KED
⎢	**Cd**	**111**	**49.446**	ug/L	0.362	0	2	18443	0	KED
⎣	**Cd**	**114**	**49.630**	ug/L	0.792	1	1	48047	0	KED
⎡>	**In**	**115**		ug/L			1505941	1622108	0	Standard
⎣	**Ag**	**107**	**47.137**	ug/L	0.603	1	48	1186936	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:35:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			23107	24665	0	Standard
	Cl	**37**		ug/L			7850524	7665410	0	Standard
⎡>	**Ge**	**72**		ug/L			84892	85785	2	KED
⎢	**As**	**75**	**0.002**	ug/L	0.003	167	3	4	24	KED
⎣	**Se**	**78**	**0.052**	ug/L	0.106	203	8	10	36	KED
	Y	**89**		ug/L			737698	766895	0	Standard
	Kr	**83**		ug/L			302	376	3	Standard
⎡>	**In-1**	**115**		ug/L			25350	25735	1	KED
⎢	**Cd**	**111**	**0.004**	ug/L	0.004	93	2	4	32	KED
⎣	**Cd**	**114**	**0.003**	ug/L	0.006	194	1	4	120	KED
⎡>	**In**	**115**		ug/L			1505941	1582209	0	Standard
⎣	**Ag**	**107**	**0.002**	ug/L	0.000	8	48	99	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:38:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				24422	0	Standard
	Cl	**37**		ug/L				7461966	1	Standard
⎡>	**Ge**	**72**		ug/L				87679	2	KED
⎢	**As**	**75**		ug/L				4	52	KED
⎣	**Se**	**78**		ug/L				11	21	KED
	Y	**89**		ug/L				760701	2	Standard
	Kr	**83**		ug/L				330	0	Standard
⎡>	**In-1**	**115**		ug/L				25124	1	KED
⎢	**Cd**	**111**		ug/L				3	17	KED
⎣	**Cd**	**114**		ug/L				2	45	KED
⎡>	**In**	**115**		ug/L				1580717	0	Standard
⎣	**Ag**	**107**		ug/L				67	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:42:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	26260	0	Standard
	Cl	**37**		ug/L			7461966	8311921	1	Standard
⌈>	**Ge**	**72**		ug/L			87679	87772	0	KED
|	**As**	**75**	**48.870**	ug/L	0.169	0	4	15393	0	KED
⌊	**Se**	**78**	**48.624**	ug/L	0.632	1	11	1809	1	KED
	Y	**89**		ug/L			760701	774882	1	Standard
	Kr	**83**		ug/L			330	356	7	Standard
⌈>	**In-1**	**115**		ug/L			25124	25589	0	KED
|	**Cd**	**111**	**49.606**	ug/L	0.169	0	3	18619	0	KED
⌊	**Cd**	**114**	**49.684**	ug/L	0.513	1	2	48401	0	KED
⌈>	**In**	**115**		ug/L			1580717	1577252	1	Standard
⌊	**Ag**	**107**	**46.657**	ug/L	0.684	1	67	1142312	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:48:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	24843	1	Standard
	Cl	**37**		ug/L			7461966	7710781	1	Standard
⎡>	**Ge**	**72**		ug/L			87679	86861	2	KED
⎢	**As**	**75**	**-0.003**	ug/L	0.004	140	4	3	34	KED
⎣	**Se**	**78**	**0.011**	ug/L	0.048	447	11	11	16	KED
	Y	**89**		ug/L			760701	775933	2	Standard
	Kr	**83**		ug/L			330	334	8	Standard
⎡>	**In-1**	**115**		ug/L			25124	26270	0	KED
⎢	**Cd**	**111**	**0.001**	ug/L	0.007	509	3	3	66	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.002	238	2	1	137	KED
⎡>	**In**	**115**		ug/L			1580717	1632591	2	Standard
⎣	**Ag**	**107**	**0.001**	ug/L	0.000	30	67	101	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0795-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:52:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	40234	0	Standard
	Cl	**37**		ug/L			7461966	7581841	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	87600	0	KED
|	**As**	**75**	**0.021**	ug/L	0.006	26	4	11	16	KED
⌊	**Se**	**78**	**0.035**	ug/L	0.109	308	11	12	33	KED
	Y	**89**		ug/L			760701	792427	2	Standard
	Kr	**83**		ug/L			330	338	5	Standard
⌈>	**In-1**	**115**		ug/L			25124	26171	1	KED
|	**Cd**	**111**	**0.002**	ug/L	0.007	361	3	4	70	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.005	175	2	5	93	KED
⌈>	**In**	**115**		ug/L			1580717	1636882	1	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.001	33	67	126	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0795-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 22:56:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	39981	2	Standard
	Cl	**37**		ug/L			7461966	7658479	1	Standard
⌈>	**Ge**	**72**		ug/L			87679	87431	1	KED
|	**As**	**75**	**24.839**	ug/L	0.321	1	4	7795	1	KED
⌊	**Se**	**78**	**78.383**	ug/L	1.355	1	11	2898	0	KED
	Y	**89**		ug/L			760701	794901	2	Standard
	Kr	**83**		ug/L			330	368	3	Standard
⌈>	**In-1**	**115**		ug/L			25124	25798	1	KED
|	**Cd**	**111**	**26.138**	ug/L	0.302	1	3	9891	0	KED
⌊	**Cd**	**114**	**26.425**	ug/L	0.301	1	2	25952	0	KED
⌈>	**In**	**115**		ug/L			1580717	1606679	0	Standard
⌊	**Ag**	**107**	**25.459**	ug/L	0.416	1	67	635125	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0795-BSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:00:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	37351	1	Standard
	Cl	**37**		ug/L			7461966	7695354	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	88630	1	KED
|	**As**	**75**	**24.470**	ug/L	0.412	1	4	7784	0	KED
⌊	**Se**	**78**	**75.722**	ug/L	1.404	1	11	2838	1	KED
	Y	**89**		ug/L			760701	792924	4	Standard
	Kr	**83**		ug/L			330	361	6	Standard
⌈>	**In-1**	**115**		ug/L			25124	25729	1	KED
|	**Cd**	**111**	**26.194**	ug/L	0.637	2	3	9886	1	KED
⌊	**Cd**	**114**	**26.522**	ug/L	0.104	0	2	25980	0	KED
⌈>	**In**	**115**		ug/L			1580717	1614113	0	Standard
⌊	**Ag**	**107**	**25.411**	ug/L	0.614	2	67	636836	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-20RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:03:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	47859	0	Standard
	Cl	**37**		ug/L			7461966	8676997	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	85154	0	KED
|	**As**	**75**	**0.021**	ug/L	0.010	45	4	10	26	KED
⌊	**Se**	**78**	**0.057**	ug/L	0.066	115	11	12	17	KED
	Y	**89**		ug/L			760701	888438	2	Standard
	Kr	**83**		ug/L			330	384	13	Standard
⌈>	**In-1**	**115**		ug/L			25124	26009	1	KED
|	**Cd**	**111**	**0.008**	ug/L	0.001	17	3	6	8	KED
⌊	**Cd**	**114**	**0.009**	ug/L	0.003	37	2	10	28	KED
⌈>	**In**	**115**		ug/L			1580717	1701512	1	Standard
⌊	**Ag**	**107**	**0.007**	ug/L	0.001	14	67	255	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-40RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:07:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	39109	2	Standard
	Cl	**37**		ug/L			7461966	8744740	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	84770	2	KED
|	**As**	**75**	**0.002**	ug/L	0.002	102	4	4	11	KED
⌊	**Se**	**78**	**-0.029**	ug/L	0.030	101	11	9	13	KED
	Y	**89**		ug/L			760701	848438	0	Standard
	Kr	**83**		ug/L			330	380	7	Standard
⌈>	**In-1**	**115**		ug/L			25124	25908	1	KED
|	**Cd**	**111**	**0.003**	ug/L	0.004	127	3	4	32	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	98	2	4	41	KED
⌈>	**In**	**115**		ug/L			1580717	1669114	0	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.001	51	67	124	21	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-10
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:12:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	49479	0	Standard
	Cl	**37**		ug/L			7461966	7896151	1	Standard
⌈>	**Ge**	**72**		ug/L			87679	83142	2	KED
|	**As**	**75**	**5.791**	ug/L	0.005	0	4	1731	2	KED
⌊	**Se**	**78**	**0.326**	ug/L	0.066	20	11	21	10	KED
	Y	**89**		ug/L			760701	953479	1	Standard
	Kr	**83**		ug/L			330	391	3	Standard
⌈>	**In-1**	**115**		ug/L			25124	24721	0	KED
|	**Cd**	**111**	**0.185**	ug/L	0.039	21	3	70	20	KED
⌊	**Cd**	**114**	**0.204**	ug/L	0.006	2	2	194	2	KED
⌈>	**In**	**115**		ug/L			1580717	1612125	1	Standard
⌊	**Ag**	**107**	**0.092**	ug/L	0.005	5	67	2364	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-11
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:15:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	51003	2	Standard
	Cl	**37**		ug/L			7461966	7694514	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	86396	0	KED
|	**As**	**75**	**5.426**	ug/L	0.039	0	4	1686	1	KED
⌊	**Se**	**78**	**0.380**	ug/L	0.017	4	11	24	2	KED
	Y	**89**		ug/L			760701	972935	0	Standard
	Kr	**83**		ug/L			330	422	5	Standard
⌈>	**In-1**	**115**		ug/L			25124	25697	0	KED
|	**Cd**	**111**	**0.177**	ug/L	0.006	3	3	69	3	KED
⌊	**Cd**	**114**	**0.153**	ug/L	0.013	8	2	152	8	KED
⌈>	**In**	**115**		ug/L			1580717	1631882	1	Standard
⌊	**Ag**	**107**	**0.092**	ug/L	0.005	5	67	2398	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-12
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:19:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	52932	1	Standard
	Cl	**37**		ug/L			7461966	7557917	1	Standard
⌈>	**Ge**	**72**		ug/L			87679	87345	0	KED
|	**As**	**75**	**3.393**	ug/L	0.066	1	4	1067	2	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.077	15	11	29	9	KED
	Y	**89**		ug/L			760701	1005038	1	Standard
	Kr	**83**		ug/L			330	433	3	Standard
⌈>	**In-1**	**115**		ug/L			25124	25459	1	KED
|	**Cd**	**111**	**0.109**	ug/L	0.013	11	3	43	12	KED
⌊	**Cd**	**114**	**0.120**	ug/L	0.010	8	2	118	8	KED
⌈>	**In**	**115**		ug/L			1580717	1643787	0	Standard
⌊	**Ag**	**107**	**0.085**	ug/L	0.001	0	67	2231	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-13
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:23:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	53421	0	Standard
	Cl	**37**		ug/L			7461966	7581812	1	Standard
⌈>	**Ge**	**72**		ug/L			87679	86634	0	KED
|	**As**	**75**	**3.941**	ug/L	0.150	3	4	1229	3	KED
⌊	**Se**	**78**	**0.327**	ug/L	0.060	18	11	22	9	KED
	Y	**89**		ug/L			760701	977698	0	Standard
	Kr	**83**		ug/L			330	392	3	Standard
⌈>	**In-1**	**115**		ug/L			25124	25572	0	KED
|	**Cd**	**111**	**0.173**	ug/L	0.002	1	3	68	1	KED
⌊	**Cd**	**114**	**0.192**	ug/L	0.007	3	2	189	3	KED
⌈>	**In**	**115**		ug/L			1580717	1618248	0	Standard
⌊	**Ag**	**107**	**0.078**	ug/L	0.006	7	67	2023	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0347-14
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:27:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	46629	0	Standard
	Cl	**37**		ug/L			7461966	8057299	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	84306	0	KED
|	**As**	**75**	**3.685**	ug/L	0.084	2	4	1118	1	KED
⌊	**Se**	**78**	**0.213**	ug/L	0.051	23	11	18	9	KED
	Y	**89**		ug/L			760701	930604	3	Standard
	Kr	**83**		ug/L			330	363	3	Standard
⌈>	**In-1**	**115**		ug/L			25124	25240	0	KED
|	**Cd**	**111**	**0.051**	ug/L	0.017	33	3	22	29	KED
⌊	**Cd**	**114**	**0.059**	ug/L	0.012	21	2	58	19	KED
⌈>	**In**	**115**		ug/L			1580717	1599577	0	Standard
⌊	**Ag**	**107**	**0.045**	ug/L	0.002	5	67	1179	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:34:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	26497	2	Standard
	Cl	**37**		ug/L			7461966	8187990	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	85833	2	KED
⎢	**As**	**75**	**49.570**	ug/L	0.691	1	4	15267	1	KED
⎣	**Se**	**78**	**49.936**	ug/L	0.643	1	11	1816	1	KED
	Y	**89**		ug/L			760701	788655	1	Standard
	Kr	**83**		ug/L			330	374	2	Standard
⎡>	**In-1**	**115**		ug/L			25124	25871	0	KED
⎢	**Cd**	**111**	**49.948**	ug/L	0.111	0	3	18954	0	KED
⎣	**Cd**	**114**	**49.815**	ug/L	0.235	0	2	49065	0	KED
⎡>	**In**	**115**		ug/L			1580717	1597836	0	Standard
⎣	**Ag**	**107**	**48.950**	ug/L	0.319	0	67	1214233	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:40:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	25122	0	Standard
	Cl	**37**		ug/L			7461966	7663033	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	86407	1	KED
⎢	**As**	**75**	**-0.004**	ug/L	0.005	117	4	3	43	KED
⎣	**Se**	**78**	**0.020**	ug/L	0.156	775	11	11	48	KED
	Y	**89**		ug/L			760701	793918	2	Standard
	Kr	**83**		ug/L			330	343	1	Standard
⎡>	**In-1**	**115**		ug/L			25124	25778	3	KED
⎢	**Cd**	**111**	**0.001**	ug/L	0.004	660	3	3	41	KED
⎣	**Cd**	**114**	**0.003**	ug/L	0.002	93	2	4	44	KED
⎡>	**In**	**115**		ug/L			1580717	1625010	1	Standard
⎣	**Ag**	**107**	**0.001**	ug/L	0.000	21	67	97	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0317-02
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:44:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	38844	1	Standard
	Cl	**37**		ug/L			7461966	7806619	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	79807	1	KED
|	**As**	**75**	**0.502**	ug/L	0.029	5	4	147	4	KED
⌊	**Se**	**78**	**0.027**	ug/L	0.087	319	11	10	25	KED
	Y	**89**		ug/L			760701	834963	2	Standard
	Kr	**83**		ug/L			330	366	9	Standard
⌈>	**In-1**	**115**		ug/L			25124	24302	1	KED
|	**Cd**	**111**	**0.015**	ug/L	0.004	27	3	8	19	KED
⌊	**Cd**	**114**	**0.023**	ug/L	0.008	35	2	23	31	KED
⌈>	**In**	**115**		ug/L			1580717	1604346	0	Standard
⌊	**Ag**	**107**	**0.004**	ug/L	0.001	14	67	179	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0317-04
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:47:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	65111	1	Standard
	Cl	**37**		ug/L			7461966	8648832	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	70350	0	KED
|	**As**	**75**	**0.558**	ug/L	0.051	9	4	144	8	KED
⌊	**Se**	**78**	**0.175**	ug/L	0.062	35	11	14	12	KED
	Y	**89**		ug/L			760701	897294	2	Standard
	Kr	**83**		ug/L			330	410	5	Standard
⌈>	**In-1**	**115**		ug/L			25124	22191	1	KED
|	**Cd**	**111**	**0.257**	ug/L	0.037	14	3	86	13	KED
⌊	**Cd**	**114**	**0.367**	ug/L	0.132	36	2	312	36	KED
⌈>	**In**	**115**		ug/L			1580717	1439654	1	Standard
⌊	**Ag**	**107**	**0.018**	ug/L	0.003	14	67	460	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0317-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:51:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	70883	0	Standard
	Cl	**37**		ug/L			7461966	8261682	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	65564	0	KED
⎢	**As**	**75**	**9.178**	ug/L	0.147	1	4	2162	1	KED
⎣	**Se**	**78**	**0.229**	ug/L	0.020	8	11	14	3	KED
	Y	**89**		ug/L			760701	796773	1	Standard
	Kr	**83**		ug/L			330	420	11	Standard
⎡>	**In-1**	**115**		ug/L			25124	20508	1	KED
⎢	**Cd**	**111**	**0.295**	ug/L	0.029	9	3	91	8	KED
⎣	**Cd**	**114**	**0.318**	ug/L	0.013	4	2	250	3	KED
⎡>	**In**	**115**		ug/L			1580717	1376920	0	Standard
⎣	**Ag**	**107**	**0.002**	ug/L	0.001	29	67	111	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0317-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:55:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	56487	2	Standard
	Cl	**37**		ug/L			7461966	7973260	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	68074	1	KED
|	**As**	**75**	**1.522**	ug/L	0.053	3	4	375	3	KED
⌊	**Se**	**78**	**0.250**	ug/L	0.088	35	11	15	15	KED
	Y	**89**		ug/L			760701	769458	1	Standard
	Kr	**83**		ug/L			330	334	1	Standard
⌈>	**In-1**	**115**		ug/L			25124	21366	1	KED
|	**Cd**	**111**	**0.154**	ug/L	0.003	1	3	50	1	KED
⌊	**Cd**	**114**	**0.148**	ug/L	0.017	11	2	122	11	KED
⌈>	**In**	**115**		ug/L			1580717	1420067	0	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.001	34	67	99	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0317-10
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 01, 2021 23:59:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	57062	1	Standard
	Cl	**37**		ug/L			7461966	8028650	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	67318	0	KED
|	**As**	**75**	**1.580**	ug/L	0.018	1	4	385	1	KED
⌊	**Se**	**78**	**0.347**	ug/L	0.084	24	11	18	13	KED
	Y	**89**		ug/L			760701	804178	2	Standard
	Kr	**83**		ug/L			330	344	5	Standard
⌈>	**In-1**	**115**		ug/L			25124	21306	1	KED
|	**Cd**	**111**	**0.135**	ug/L	0.014	10	3	44	10	KED
⌊	**Cd**	**114**	**0.155**	ug/L	0.005	3	2	127	4	KED
⌈>	**In**	**115**		ug/L			1580717	1428666	0	Standard
⌊	**Ag**	**107**	**0.001**	ug/L	0.000	35	67	83	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0317-12
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:04:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	43751	1	Standard
	Cl	**37**		ug/L			7461966	8285179	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	71797	0	KED
|	**As**	**75**	**3.496**	ug/L	0.026	0	4	904	1	KED
⌊	**Se**	**78**	**-0.001**	ug/L	0.090	7427	11	9	30	KED
	Y	**89**		ug/L			760701	811644	1	Standard
	Kr	**83**		ug/L			330	334	6	Standard
⌈>	**In-1**	**115**		ug/L			25124	22368	0	KED
|	**Cd**	**111**	**0.004**	ug/L	0.006	152	3	4	48	KED
⌊	**Cd**	**114**	**0.010**	ug/L	0.003	25	2	10	19	KED
⌈>	**In**	**115**		ug/L			1580717	1504190	0	Standard
⌊	**Ag**	**107**	**0.000**	ug/L	0.000	91	67	70	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-36RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:10:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	47330	1	Standard
	Cl	**37**		ug/L			7461966	7376603	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	79612	0	KED
|	**As**	**75**	**2.572**	ug/L	0.025	0	4	738	0	KED
⌊	**Se**	**78**	**0.187**	ug/L	0.105	56	11	16	21	KED
	Y	**89**		ug/L			760701	854508	1	Standard
	Kr	**83**		ug/L			330	366	8	Standard
⌈>	**In-1**	**115**		ug/L			25124	24997	1	KED
|	**Cd**	**111**	**0.106**	ug/L	0.016	14	3	41	12	KED
⌊	**Cd**	**114**	**0.075**	ug/L	0.015	19	2	73	17	KED
⌈>	**In**	**115**		ug/L			1580717	1615586	0	Standard
⌊	**Ag**	**107**	**0.015**	ug/L	0.001	4	67	454	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-41RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:14:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	49894	0	Standard
	Cl	**37**		ug/L			7461966	7360891	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	79343	0	KED
|	**As**	**75**	**2.644**	ug/L	0.049	1	4	756	2	KED
⌊	**Se**	**78**	**0.194**	ug/L	0.047	23	11	16	9	KED
	Y	**89**		ug/L			760701	857896	4	Standard
	Kr	**83**		ug/L			330	345	6	Standard
⌈>	**In-1**	**115**		ug/L			25124	24554	1	KED
|	**Cd**	**111**	**0.097**	ug/L	0.021	21	3	38	18	KED
⌊	**Cd**	**114**	**0.107**	ug/L	0.012	10	2	102	9	KED
⌈>	**In**	**115**		ug/L			1580717	1598767	3	Standard
⌊	**Ag**	**107**	**0.008**	ug/L	0.001	11	67	269	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-42RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:18:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	33472	0	Standard
	Cl	**37**		ug/L			7461966	6041768	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	59993	1	KED
|	**As**	**75**	**0.349**	ug/L	0.030	8	4	78	7	KED
⌊	**Se**	**78**	**0.411**	ug/L	0.058	13	11	17	8	KED
	Y	**89**		ug/L			760701	865176	0	Standard
	Kr	**83**		ug/L			330	339	2	Standard
⌈>	**In-1**	**115**		ug/L			25124	19206	0	KED
|	**Cd**	**111**	**0.314**	ug/L	0.036	11	3	90	10	KED
⌊	**Cd**	**114**	**0.305**	ug/L	0.027	8	2	225	8	KED
⌈>	**In**	**115**		ug/L			1580717	1301617	0	Standard
⌊	**Ag**	**107**	**0.003**	ug/L	0.001	42	67	107	20	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:25:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	25968	0	Standard
	Cl	**37**		ug/L			7461966	8676684	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	74788	1	KED
|	**As**	**75**	**-0.003**	ug/L	0.005	136	4	2	44	KED
⌊	**Se**	**78**	**-0.034**	ug/L	0.059	175	11	8	23	KED
	Y	**89**		ug/L			760701	803162	2	Standard
	Kr	**83**		ug/L			330	342	6	Standard
⌈>	**In-1**	**115**		ug/L			25124	23684	2	KED
|	**Cd**	**111**	**0.001**	ug/L	0.001	279	3	3	17	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.004	211	2	4	98	KED
⌈>	**In**	**115**		ug/L			1580717	1536964	1	Standard
⌊	**Ag**	**107**	**-0.001**	ug/L	0.000	49	67	47	18	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:29:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	24581	1	Standard
	Cl	**37**		ug/L			7461966	8395120	1	Standard
⎡>	**Ge**	**72**		ug/L			87679	78115	0	KED
⎢	**As**	**75**	**47.916**	ug/L	0.302	0	4	13432	1	KED
⎣	**Se**	**78**	**48.584**	ug/L	1.841	3	11	1608	2	KED
	Y	**89**		ug/L			760701	815653	4	Standard
	Kr	**83**		ug/L			330	339	12	Standard
⎡>	**In-1**	**115**		ug/L			25124	23003	1	KED
⎢	**Cd**	**111**	**50.491**	ug/L	0.530	1	3	17034	0	KED
⎣	**Cd**	**114**	**50.593**	ug/L	0.570	1	2	44305	1	KED
⎡>	**In**	**115**		ug/L			1580717	1535473	3	Standard
⎣	**Ag**	**107**	**53.476**	ug/L	0.746	1	67	1274982	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:35:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	23252	1	Standard
	Cl	**37**		ug/L			7461966	8268685	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	77999	1	KED
⎢	**As**	**75**	**-0.002**	ug/L	0.002	85	4	3	14	KED
⎣	**Se**	**78**	**0.034**	ug/L	0.060	175	11	10	19	KED
	Y	**89**		ug/L			760701	784536	1	Standard
	Kr	**83**		ug/L			330	349	11	Standard
⎡>	**In-1**	**115**		ug/L			25124	24125	1	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.005	147	3	1	86	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.003	139	2	4	67	KED
⎡>	**In**	**115**		ug/L			1580717	1513506	2	Standard
⎣	**Ag**	**107**	**0.002**	ug/L	0.000	26	67	104	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-08RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:38:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	46655	2	Standard
	Cl	**37**		ug/L			7461966	7289048	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	78849	1	KED
|	**As**	**75**	**2.055**	ug/L	0.062	3	4	585	1	KED
⌊	**Se**	**78**	**0.145**	ug/L	0.065	44	11	14	16	KED
	Y	**89**		ug/L			760701	896153	1	Standard
	Kr	**83**		ug/L			330	366	2	Standard
⌈>	**In-1**	**115**		ug/L			25124	24213	0	KED
|	**Cd**	**111**	**0.159**	ug/L	0.005	2	3	59	3	KED
⌊	**Cd**	**114**	**0.187**	ug/L	0.031	16	2	174	16	KED
⌈>	**In**	**115**		ug/L			1580717	1592708	0	Standard
⌊	**Ag**	**107**	**0.004**	ug/L	0.000	2	67	169	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-12RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:41:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	50598	1	Standard
	Cl	**37**		ug/L			7461966	7252159	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	76756	0	KED
|	**As**	**75**	**1.707**	ug/L	0.062	3	4	474	4	KED
⌊	**Se**	**78**	**0.278**	ug/L	0.073	26	11	18	11	KED
	Y	**89**		ug/L			760701	902885	2	Standard
	Kr	**83**		ug/L			330	367	5	Standard
⌈>	**In-1**	**115**		ug/L			25124	23555	0	KED
|	**Cd**	**111**	**0.180**	ug/L	0.017	9	3	65	8	KED
⌊	**Cd**	**114**	**0.162**	ug/L	0.007	4	2	147	4	KED
⌈>	**In**	**115**		ug/L			1580717	1603486	0	Standard
⌊	**Ag**	**107**	**0.003**	ug/L	0.001	29	67	151	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-23RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:44:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	45348	1	Standard
	Cl	**37**		ug/L			7461966	7288650	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	78073	0	KED
|	**As**	**75**	**2.733**	ug/L	0.142	5	4	769	4	KED
⌊	**Se**	**78**	**0.147**	ug/L	0.062	41	11	14	13	KED
	Y	**89**		ug/L			760701	906460	2	Standard
	Kr	**83**		ug/L			330	361	5	Standard
⌈>	**In-1**	**115**		ug/L			25124	24192	0	KED
|	**Cd**	**111**	**0.169**	ug/L	0.013	7	3	62	7	KED
⌊	**Cd**	**114**	**0.152**	ug/L	0.026	16	2	141	16	KED
⌈>	**In**	**115**		ug/L			1580717	1605918	1	Standard
⌊	**Ag**	**107**	**0.004**	ug/L	0.001	26	67	177	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-25RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:47:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	48034	0	Standard
	Cl	**37**		ug/L			7461966	7214103	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	78071	0	KED
|	**As**	**75**	**2.337**	ug/L	0.048	2	4	658	2	KED
⌊	**Se**	**78**	**0.168**	ug/L	0.028	16	11	15	6	KED
	Y	**89**		ug/L			760701	897766	1	Standard
	Kr	**83**		ug/L			330	353	7	Standard
⌈>	**In-1**	**115**		ug/L			25124	23987	0	KED
|	**Cd**	**111**	**0.147**	ug/L	0.030	20	3	54	18	KED
⌊	**Cd**	**114**	**0.193**	ug/L	0.016	8	2	178	7	KED
⌈>	**In**	**115**		ug/L			1580717	1621088	0	Standard
⌊	**Ag**	**107**	**0.004**	ug/L	0.001	22	67	182	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-27RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:51:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	43141	1	Standard
	Cl	**37**		ug/L			7461966	7185412	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	76832	1	KED
|	**As**	**75**	**2.257**	ug/L	0.078	3	4	626	5	KED
⌊	**Se**	**78**	**0.092**	ug/L	0.056	60	11	12	13	KED
	Y	**89**		ug/L			760701	897048	2	Standard
	Kr	**83**		ug/L			330	374	4	Standard
⌈>	**In-1**	**115**		ug/L			25124	23724	1	KED
|	**Cd**	**111**	**0.167**	ug/L	0.004	2	3	60	1	KED
⌊	**Cd**	**114**	**0.170**	ug/L	0.016	9	2	155	8	KED
⌈>	**In**	**115**		ug/L			1580717	1593440	1	Standard
⌊	**Ag**	**107**	**0.004**	ug/L	0.001	13	67	163	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-31RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:53:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	46575	0	Standard
	Cl	**37**		ug/L			7461966	7101131	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	76910	0	KED
|	**As**	**75**	**0.330**	ug/L	0.012	3	4	94	3	KED
⌊	**Se**	**78**	**0.133**	ug/L	0.022	16	11	13	4	KED
	Y	**89**		ug/L			760701	874627	2	Standard
	Kr	**83**		ug/L			330	368	6	Standard
⌈>	**In-1**	**115**		ug/L			25124	24251	1	KED
|	**Cd**	**111**	**0.290**	ug/L	0.055	18	3	106	18	KED
⌊	**Cd**	**114**	**0.274**	ug/L	0.030	10	2	255	11	KED
⌈>	**In**	**115**		ug/L			1580717	1560043	1	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.000	4	67	125	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 00:57:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	32317	1	Standard
	Cl	**37**		ug/L			7461966	5916769	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	58148	1	KED
|	**As**	**75**	**0.345**	ug/L	0.038	10	4	74	11	KED
⌊	**Se**	**78**	**0.180**	ug/L	0.078	43	11	11	17	KED
	Y	**89**		ug/L			760701	834775	2	Standard
	Kr	**83**		ug/L			330	359	2	Standard
⌈>	**In-1**	**115**		ug/L			25124	18727	1	KED
|	**Cd**	**111**	**0.454**	ug/L	0.040	8	3	126	8	KED
⌊	**Cd**	**114**	**0.478**	ug/L	0.044	9	2	342	7	KED
⌈>	**In**	**115**		ug/L			1580717	1267290	0	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.001	70	67	89	27	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0795-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:01:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	31119	2	Standard
	Cl	**37**		ug/L			7461966	5698196	0	Standard
>	**Ge**	**72**		ug/L			87679	55341	1	KED
	As	**75**	**0.347**	ug/L	0.005	1	4	71	1	KED
	Se	**78**	**0.441**	ug/L	0.041	9	11	17	6	KED
	Y	**89**		ug/L			760701	859493	5	Standard
	Kr	**83**		ug/L			330	299	4	Standard
>	**In-1**	**115**		ug/L			25124	18115	1	KED
	Cd	**111**	**0.452**	ug/L	0.031	6	3	122	4	KED
	Cd	**114**	**0.486**	ug/L	0.055	11	2	336	9	KED
>	**In**	**115**		ug/L			1580717	1264420	3	Standard
	Ag	**107**	**0.003**	ug/L	0.001	43	67	104	18	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0795-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:06:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	30348	2	Standard
	Cl	**37**		ug/L			7461966	5693286	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	55148	1	KED
|	**As**	**75**	**24.769**	ug/L	0.107	0	4	4903	0	KED
⌊	**Se**	**78**	**71.362**	ug/L	2.088	2	11	1665	3	KED
	Y	**89**		ug/L			760701	873442	2	Standard
	Kr	**83**		ug/L			330	347	4	Standard
⌈>	**In-1**	**115**		ug/L			25124	18270	0	KED
|	**Cd**	**111**	**23.100**	ug/L	0.123	0	3	6191	1	KED
⌊	**Cd**	**114**	**23.524**	ug/L	0.453	1	2	16362	1	KED
⌈>	**In**	**115**		ug/L			1580717	1278347	0	Standard
⌊	**Ag**	**107**	**26.318**	ug/L	0.238	0	67	522323	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:13:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	25211	0	Standard
	Cl	**37**		ug/L			7461966	8411074	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	75792	0	KED
|	**As**	**75**	**-0.004**	ug/L	0.008	201	4	2	83	KED
⌊	**Se**	**78**	**0.011**	ug/L	0.136	1194	11	9	44	KED
	Y	**89**		ug/L			760701	851022	3	Standard
	Kr	**83**		ug/L			330	366	7	Standard
⌈>	**In-1**	**115**		ug/L			25124	23380	1	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.004	104	3	1	91	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	190	2	0	262	KED
⌈>	**In**	**115**		ug/L			1580717	1577605	1	Standard
⌊	**Ag**	**107**	**-0.000**	ug/L	0.000	550	67	66	16	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:18:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	24172	1	Standard
	Cl	**37**		ug/L			7461966	8193455	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	78154	1	KED
|	**As**	**75**	**47.642**	ug/L	0.445	0	4	13361	1	KED
⌊	**Se**	**78**	**49.154**	ug/L	0.729	1	11	1628	0	KED
	Y	**89**		ug/L			760701	891354	1	Standard
	Kr	**83**		ug/L			330	366	9	Standard
⌈>	**In-1**	**115**		ug/L			25124	24383	1	KED
|	**Cd**	**111**	**50.077**	ug/L	0.810	1	3	17907	0	KED
⌊	**Cd**	**114**	**49.998**	ug/L	0.700	1	2	46409	1	KED
⌈>	**In**	**115**		ug/L			1580717	1615193	1	Standard
⌊	**Ag**	**107**	**55.409**	ug/L	0.585	1	67	1389274	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:24:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	23153	0	Standard
	Cl	**37**		ug/L			7461966	8003445	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	80572	1	KED
|	**As**	**75**	**-0.002**	ug/L	0.004	192	4	3	34	KED
⌊	**Se**	**78**	**-0.086**	ug/L	0.038	44	11	7	17	KED
	Y	**89**		ug/L			760701	875126	0	Standard
	Kr	**83**		ug/L			330	352	7	Standard
⌈>	**In-1**	**115**		ug/L			25124	25108	1	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.000	0	3	0		KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.000	7	2	3	3	KED
⌈>	**In**	**115**		ug/L			1580717	1627560	0	Standard
⌊	**Ag**	**107**	**0.002**	ug/L	0.001	54	67	116	21	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-37RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:28:12

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	44343	0	Standard
	Cl	**37**		ug/L			7461966	6982892	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	80003	0	KED
|	**As**	**75**	**2.328**	ug/L	0.047	2	4	672	2	KED
⌊	**Se**	**78**	**0.295**	ug/L	0.111	37	11	20	18	KED
	Y	**89**		ug/L			760701	999074	1	Standard
	Kr	**83**		ug/L			330	408	8	Standard
⌈>	**In-1**	**115**		ug/L			25124	24758	1	KED
|	**Cd**	**111**	**0.240**	ug/L	0.006	2	3	90	1	KED
⌊	**Cd**	**114**	**0.238**	ug/L	0.005	2	2	226	2	KED
⌈>	**In**	**115**		ug/L			1580717	1678972	0	Standard
⌊	**Ag**	**107**	**0.006**	ug/L	0.000	3	67	239	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-54RE1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Friday, July 02, 2021 01:32:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	39331	0	Standard
	Cl	**37**		ug/L			7461966	6958428	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	77547	1	KED
|	**As**	**75**	**2.017**	ug/L	0.057	2	4	564	2	KED
⌊	**Se**	**78**	**0.210**	ug/L	0.146	69	11	16	29	KED
	Y	**89**		ug/L			760701	953237	1	Standard
	Kr	**83**		ug/L			330	359	2	Standard
⌈>	**In-1**	**115**		ug/L			25124	24282	1	KED
|	**Cd**	**111**	**0.212**	ug/L	0.007	3	3	78	4	KED
⌊	**Cd**	**114**	**0.231**	ug/L	0.029	12	2	215	11	KED
⌈>	**In**	**115**		ug/L			1580717	1612064	0	Standard
⌊	**Ag**	**107**	**0.006**	ug/L	0.002	27	67	213	19	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Friday, July 02, 2021 01:37:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	24870	2	Standard
	Cl	**37**		ug/L			7461966	8209309	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	77560	4	KED
⎢	**As**	**75**	**-0.004**	ug/L	0.010	267	4	2	86	KED
⎣	**Se**	**78**	**-0.034**	ug/L	0.076	226	11	8	24	KED
	Y	**89**		ug/L			760701	830294	0	Standard
	Kr	**83**		ug/L			330	366	5	Standard
⎡>	**In-1**	**115**		ug/L			25124	24790	1	KED
⎢	**Cd**	**111**	**-0.002**	ug/L	0.004	164	3	2	65	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.002	270	2	1	121	KED
⎡>	**In**	**115**		ug/L			1580717	1577576	0	Standard
⎣	**Ag**	**107**	**-0.001**	ug/L	0.000	40	67	52	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Friday, July 02, 2021 01:41:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	25013	0	Standard
	Cl	**37**		ug/L			7461966	8453457	0	Standard
⌈>	**Ge**	**72**		ug/L			87679	80637	0	KED
|	**As**	**75**	**47.482**	ug/L	0.366	0	4	13740	0	KED
⌊	**Se**	**78**	**48.891**	ug/L	0.630	1	11	1671	2	KED
	Y	**89**		ug/L			760701	866273	1	Standard
	Kr	**83**		ug/L			330	373	10	Standard
⌈>	**In-1**	**115**		ug/L			25124	24551	0	KED
|	**Cd**	**111**	**49.106**	ug/L	0.578	1	3	17684	1	KED
⌊	**Cd**	**114**	**49.645**	ug/L	0.159	0	2	46403	1	KED
⌈>	**In**	**115**		ug/L			1580717	1603827	1	Standard
⌊	**Ag**	**107**	**54.872**	ug/L	0.594	1	67	1366393	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:47:58

DEL

MISSED TUBE

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	**13**		ug/L			24422	26322	4	Standard
Cl	**37**		ug/L			7461966	5223065	1	Standard
> **Ge**	**72**		ug/L			87679	158202	3	KED
As	**75**	**-0.009**	ug/L	0.002	20	4	2	40	KED
Se	**78**	**-0.190**	ug/L	0.031	16	11	7	26	KED
Y	**89**		ug/L			760701	1417220	1	Standard
Kr	**83**		ug/L			330	778	1	Standard
> **In-1**	**115**		ug/L			25124	46758	1	KED
Cd	**111**	**-0.004**	ug/L	0.002	54	3	2	57	KED
Cd	**114**	**0.004**	ug/L	0.004	95	2	11	58	KED
> **In**	**115**		ug/L			1580717	3204143	0	Standard
Ag	**107**	**-0.002**	ug/L	0.000	3	67	41	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:50:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	25572	1	Standard
	Cl	**37**		ug/L			7461966	7892309	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	74693	2	KED
⎢	**As**	**75**	**-0.003**	ug/L	0.005	174	4	3	45	KED
⎣	**Se**	**78**	**-0.111**	ug/L	0.064	58	11	5	32	KED
	Y	**89**		ug/L			760701	1019100	4	Standard
	Kr	**83**		ug/L			330	405	8	Standard
⎡>	**In-1**	**115**		ug/L			25124	24303	0	KED
⎢	**Cd**	**111**	**-0.002**	ug/L	0.003	130	3	2	49	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.004	628	2	1	186	KED
⎡>	**In**	**115**		ug/L			1580717	1743482	0	Standard
⎣	**Ag**	**107**	**0.001**	ug/L	0.001	81	67	102	22	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:53:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	25225	1	Standard
	Cl	**37**		ug/L			7461966	7872014	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	74534	2	KED
⎢	**As**	**75**	**-0.008**	ug/L	0.001	13	4	1	15	KED
⎣	**Se**	**78**	**-0.027**	ug/L	0.080	298	11	8	27	KED
	Y	**89**		ug/L			760701	1003899	3	Standard
	Kr	**83**		ug/L			330	384	7	Standard
⎡>	**In-1**	**115**		ug/L			25124	24602	1	KED
⎢	**Cd**	**111**	**0.001**	ug/L	0.007	735	3	3	78	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.001	94	2	1	103	KED
⎡>	**In**	**115**		ug/L			1580717	1710207	1	Standard
⎣	**Ag**	**107**	**0.000**	ug/L	0.000	173	67	79	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:56:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	25457	0	Standard
	Cl	**37**		ug/L			7461966	7927931	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	76408	2	KED
⎢	**As**	**75**	**-0.006**	ug/L	0.004	72	4	2	53	KED
⎣	**Se**	**78**	**-0.008**	ug/L	0.041	489	11	9	11	KED
	Y	**89**		ug/L			760701	1009524	1	Standard
	Kr	**83**		ug/L			330	405	5	Standard
⎡>	**In-1**	**115**		ug/L			25124	24607	0	KED
⎢	**Cd**	**111**	**-0.006**	ug/L	0.003	44	3	0	100	KED
⎣	**Cd**	**114**	**0.000**	ug/L	0.001	1469	2	2	51	KED
⎡>	**In**	**115**		ug/L			1580717	1721835	1	Standard
⎣	**Ag**	**107**	**-0.001**	ug/L	0.000	47	67	55	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 01:59:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	24710	1	Standard
	Cl	**37**		ug/L			7461966	8033731	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	75230	2	KED
⎢	**As**	**75**	**-0.005**	ug/L	0.004	83	4	2	39	KED
⎣	**Se**	**78**	**-0.103**	ug/L	0.063	60	11	6	32	KED
	Y	**89**		ug/L			760701	768533	4	Standard
	Kr	**83**		ug/L			330	381	4	Standard
⎡>	**In-1**	**115**		ug/L			25124	23078	3	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.003	69	3	1	86	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.003	290	2	3	93	KED
⎡>	**In**	**115**		ug/L			1580717	1528349	4	Standard
⎣	**Ag**	**107**	**-0.001**	ug/L	0.001	42	67	36	29	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 02:02:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	24684	1	Standard
	Cl	**37**		ug/L			7461966	7716517	5	Standard
⌈>	**Ge**	**72**		ug/L			87679	73248	2	KED
|	**As**	**75**	**-0.005**	ug/L	0.003	65	4	2	34	KED
⌊	**Se**	**78**	**-0.119**	ug/L	0.036	30	11	5	19	KED
	Y	**89**		ug/L			760701	617036	40	Standard
	Kr	**83**		ug/L			330	336	4	Standard
⌈>	**In-1**	**115**		ug/L			25124	23141	1	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	157	3	2	49	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	120	2	3	35	KED
⌈>	**In**	**115**		ug/L			1580717	1235510	35	Standard
⌊	**Ag**	**107**	**-0.000**	ug/L	0.001	1000	67	50	25	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 02, 2021 02:05:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\070121.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24422	24878	1	Standard
	Cl	**37**		ug/L			7461966	8126380	0	Standard
⎡>	**Ge**	**72**		ug/L			87679	73695	2	KED
⎢	**As**	**75**	**-0.003**	ug/L	0.005	178	4	3	39	KED
⎣	**Se**	**78**	**-0.056**	ug/L	0.081	144	11	7	31	KED
	Y	**89**		ug/L			760701	780756	1	Standard
	Kr	**83**		ug/L			330	339	7	Standard
⎡>	**In-1**	**115**		ug/L			25124	23646	1	KED
⎢	**Cd**	**111**	**-0.002**	ug/L	0.002	74	3	2	24	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.001	122	2	3	34	KED
⎡>	**In**	**115**		ug/L			1580717	1560025	0	Standard
⎣	**Ag**	**107**	**-0.001**	ug/L	0.000	40	67	38	30	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EG00039
Instrument: ICPMS1
Calibration Date: 07/12/2021 18:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cadmium-111	0	0	0.1	440	10	417.8	20	416.85	50	409.8	100	406.26
Cadmium-114	0	0	0.1	1070	10	1081.2	20	1069.4	50	1073.78	100	1050.9

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EG00039	Instrument:	ICPMS1
Calibration Date:	07/12/2021 18:00		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Cadmium-111	348.4517	49.1	1.0000		0.998	
Cadmium-114	890.88	49.0	0.9999		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 Analyst: MB Sequence: SJGΦ173 Cal: EGΦΦΦ39

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CAL1	J7147		
		-CAL2	J7148		
		-CAL3	J7149		
		-CAL4	J715Φ		
		-CAL5	J7119		
		-CAL6	J7151		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J7147		
		-CCV1	J7119		
		-CCB1	J7147		
		-CRL1	J7148		
		-IFA1	J7152		Cr^{53} ↑
		-IFB1	J7153		↓
		-HCV1	J6678		Ba^{137} ↑ - Ba < 100
		-HCV2	J6918		Ba↑/Zn, Tl, Pb↓ - Tl, Pb, Zn < 200
		-IBL2	—		(S6↑)
		-IBL3	—		
		-CCV2			
	✓	-CCB2			Li, Sc, In, Tb noisy
		-CCB2			
	✓	-CAL1			
		-CCV3			
		-CCB3			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJG0193-BLK1	SWN	20	
		↓ -BS1	↓	↓	
		BJG0251-BLK1	REN		
		↓ -BS1	↓		
		21F0398-01	↓		
		21F0432-01	SWN	20	
		BJG0193-DUP1	↓	↓	
		↓ -MS1	↓	↓	Ag, Sb, Tl %R ↓
		↓ -MSD1	↓	↓	↓
		↓ -PS1	↓	↓	0.010 mL each I1680 + I1691 Ag, Sb, Tl only
		SEQ-CCV4			
		↓ -CCB4			
		BJG0250-BLK1	REN		
		↓ -BS1	↓		
		21G0084-01	↓		
		21G0072-01	↓		
	✓	21F0407-01	↓		Missed Tube
		↓ -01	↓		
		BJG0251-DUP1	↓		
		↓ -MS1	↓		
		↓ -MSD1	↓		
		SEQ-ICB4			
		↓ -CCV5			
		↓ -CCB5			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21GΦΦ57-Φ1	REN		
		-Φ2			
		-Φ3			
		-Φ4			
		21GΦΦΦ3-Φ6			Mn↑ No Mn
		BJGΦ25Φ-DUP1			
520→250		-MS1			
↓		-MSD1	↓		
		BJGΦ193-SRM1	SWN	20	
		SEQ-IBL5			
		-CCV6			
		-CCB6			
	✓	-CAL1			Ba, Be, Mn, Se, Tl removed from Method
		-CCV7			
		-CCB7			
		BJGΦ258-BLK2	DW		Cr only
		-BS2			0.060 mL I4680
		21GΦΦ85-Φ1			
		-Φ2			
		BJGΦ258-DUP3			
		-MS3			0.060 mL I4680
		SEQ-IBL6			
	✓	E226-12 TEST			TEST ONLY
	✓	RHN			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBL7			
		-CCV8			
		-CCB8			
12F→21F		21FΦ392-Φ1	SWN	20	
		-Φ2			
		-Φ3			
		-Φ4			
		-Φ5			
		-Φ6			
		-13			
		-14			
		-15			
		-16			
		SEQ-CCV9			
		-CCB9			
		BJGΦ195-BLK1	SWN	20	
	✓	-BS1			Ni 62, Zn, Sb %R↓ (Re-run 7/13 - OK)
		21FΦ392-17			
		-18			
		21FΦ371-Φ8			
		BJGΦ195-DUP1			As RPD↑
		-MS1			Ag+Sb %R↓
		-PS1			0.060 mL each I4680+I4681 Ag, Sb only
		-SRM1			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBL8			
		-CCVA			
		-CCBA			
		21FΦ371-Φ1	SWN	20	
		-Φ2			
		-Φ3			
		-Φ4			
		-Φ5			
		-Φ6			
		-Φ7			
		-Φ9			
		-1Φ			
		-11			
		SEQ-CCVB			
		-CCBB			
	✓	-CAL1			
		-CCVC			Sc, In, Tb no.3y / Cu 52 Pb ↑
		-CCBC			
		BJGΦ244-BLK1	SWN	20	No Ag, Pb, Sb
	✓	-BS1			Zn 67, 56% R↓ (Re-run 7/13 - OK)
		21FΦ371-12			No Ag, Pb, Sb
		-13			
		-14			
		-15			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 Analyst: MB Sequence: ——— Cal: ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ371-16	SWN	20	Nb Ag, Pb, Sb
		21FΦ407-Φ2	↓	↓	↓
		21FΦ386-Φ2	↓	↓	↓
		↓ -Φ3	↓	↓	↓
		SEQ-CCVD			
		↓ -CCBD			
		21FΦ386-Φ4	SWN	20	No Ag, Pb, Sb
		-Φ5	↓	↓	↓
		-Φ6	↓	↓	↓
		↓ -Φ1	↓	↓	↓
		BSGΦ244-DUP1	↓	↓	↓
		-MS1	↓	↓	Cd, Zn, Tb↓ / Cu, Y, Rh↑
		-PS1	↓	↓	0.060 mL each IY680&IY681 / Cd, Cu, Zn only
		↓ -SRM1	↓	↓	↓
		SEQ-IBL9			
		↓ -CCVE			Sc, In, Tb / Cr, Pb↑ no Sb
		↓ -CCBE			
		BSGΦΦ55-BLK1	RMN		Cd only
		-BS1	↓		↓
		↓ -BSD1	↓		↓
		21FΦ123-Φ3RE1	↓		↓
		-Φ4RE1	↓		↓
		-Φ6RE1	↓		↓
		↓ -Φ1RE1	↓		↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 7/12/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJGΦΦ55-DUP1	RHN		Cd only
		↓ -MS1	↓		↓
		SEQ-IBLA			
		-CCVF			
		↓ -CCBF			
		21FΦ123-1ΦRE1	RHN		Cd only
		-13RE1			
		-16RE1			
		-19RE1			
		-22RE1			
		-29RE1			
		-3ΦRE1			
		-31RE1			
		↓ -32RE1	↓		↓
		SEQ-IBLB			
		-CCVG			Ni, Cu^{63}, Zn^{66}, S6 ↓/Ag ↑ - Not Needed
		↓ -CCBG			
	✓	-CAL1			
		-+CCVH			Ni, Zn^{66}, S6 ↓/Ag ↑ - Not Needed
		↓ -CCBH			
		BJGΦ149-BLK1	RHN		Cd only
		↓ -BS1			
		↓ -BSD1			
		21FΦ123-35RE1	↓		↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-37REI	RHN		Cd only
	✓	-38REI	↓		In-1 noisy ↓
		-39REI	↓		↓
		-4ΦREI	↓		↓
		21FΦ196-Φ7REI	↓		↓
		SEQ-IBLC			
		-CCVI			Ni, Cu, Zn, Sb ↓ - Not Needed
		-CCBI			
		BJGΦ2Φ8-BLKI	RHN		Cd only
		-BSI	↓		↓
		-BSDI	↓		↓
		21FΦ13Φ-Φ2REI	↓		↓
		-Φ6REI	↓		↓
		21FΦ196-18REI	↓		↓
		-2ΦREI	↓		↓
		BJGΦ149-OVPI	↓		↓
		-MSI	↓		↓
		SEQ-IBLD			
		-CCVJ			Ni, Cu, Zn, Sb ↓ - Not Needed
		-CCBJ			
		21FΦ13Φ-Φ7REI	RHN		Cd only
		-1ΦREI	↓		↓
		-11REI	↓		↓
		-13REI	↓		↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/12/21 Analyst: MB Sequence: ——— Cal: ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FØ13Ø-16RE1	RHN		Cd only
		↓ -ØIRE1	↓		↓
		BJGØ2Ø8-DUP1	↓		
		↓ -MS1	↓		
		SEQ-IBLE			
		↓ -CCVK			Ni, Cu^{63}, Zn^{66}, Sb ↓
		↓ -CCBK			
		Rinse/DI			
			MB 7/12/21		

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 12, 2021 13:36:36
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11251
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	4502.1	4502.120	604.371	13.4	Standard
	In	114.9	29665.9	29665.930	3587.764	12.1	Standard
	U	238.1	80205.3	80205.262	11076.808	13.8	Standard
⌈	CeO	155.9	1021.0	0.020	0.000	1.1	Standard
| >	Ce	139.9	50896.6	50896.607	6658.360	13.1	Standard
⌊	Ce++	70.0	307.0	0.006	0.003	48.6	Standard
	Bkgd	220.0	1.3	1.267	0.535	42.2	Standard

Current Conditions File Data

Current Value	Description
0.94	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 12, 2021 13:49:47
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11258
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	10186.3	10186.297	112.115	1.1	Standard
	In	114.9	124455.4	124455.422	1385.868	1.1	Standard
	U	238.1	154423.8	154423.846	1062.951	0.7	Standard
⌈	CeO	155.9	2106.2	0.017	0.000	0.8	Standard
| >	Ce	139.9	127220.8	127220.788	841.783	0.7	Standard
⌊	Ce++	70.0	1219.0	0.010	0.000	2.0	Standard
	Bkgd	220.0	0.4	0.367	0.247	67.4	Standard

Current Conditions File Data

Current Value	Description
0.94	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/12/2021 1:36:32 PM
End Time: 7/12/2021 1:51:51 PM

STD Performance Check - [Failed]
Obtained Intensity (Be 9): 4502.12
Obtained Intensity (In 115): 29665.93 - <Target not achieved>
Obtained Intensity (U 238): 80205.26
Obtained Intensity (Bkgd 220): 1.27 - <Target not achieved>
Obtained Formula (Ce++ 70 / Ce 140): 0.006 (=307.00 / 50896.61)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1021.04 / 50896.61)

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.10 mm	-1.05 mm	56954.31

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.94
Obtained Intensity (In 115): 56945.27
Obtained Formula (CeO 156 / Ce 140): 0.0200 (=1855.12 / 92677.65)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.705)
Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.689)
Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.694)
Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.691)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -15.78

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -14.80

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 10186.30
Obtained Intensity (In 115): 124455.42
Obtained Intensity (U 238): 154423.85
Obtained Intensity (Bkgd 220): 0.37
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1218.99 / 127220.79)
Obtained Formula (CeO 156 / Ce 140): 0.017 (=2106.22 / 127220.79)
Obtained RSD (Be 9): 0.0110
Obtained RSD (In 115): 0.0111
Obtained RSD (U 238): 0.0069

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/12/2021 1:36:32 PM

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 1
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 4502.12
                Obtained Intensity (In 115): 29665.93 - <Target not achieved>
                Obtained Intensity (U 238): 80205.26
                Obtained Intensity (Bkgd 220): 1.27 - <Target not achieved>
                Obtained Formula (Ce++ 70 / Ce 140): 0.006 (=307.00 / 50896.61)
                Obtained Formula (CeO 156 / Ce 140): 0.020 (=1021.04 / 50896.61)

                [Failed]
[Failed]

Torch Alignment
        Optimization Settings:
                Method: Torch Alignment.mth.
                Intensity Criterion: In 115 Maximum

        Optimization Results:
                Vertical      Horizontal      Intensity
[Passed]        2.10 mm     -1.05 mm       56954.31

Nebulizer Gas Flow STD/KED [NEB]
        Optimization Settings:
                Method: Optimize.mth.
                        Initial Try - Start/End/Step: 0.9/1/0.01.
                Intensity Criterion: In 115 Maximum
                Formula Criterion: CeO 156 / Ce 140 <= 0.023

        Optimization Results:
        Initial Try

                Obtained Intensity (In 115): 56945.27
                Obtained Formula (CeO 156 / Ce 140): 0.0200 (=1855.12 / 92677.65)
[Passed]  Optimum value(s): 0.94

Mass Calibration and Resolution
        Optimization Settings:
                Method: Tuning.mth.
                MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
                Iterations: 6
```

```
                Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
                Peak height (%) for Res. Opt.: 10

        Optimization Results:
        Initial Try
                Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.667) - <Target not achieved>
                Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.681)
                Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.687)
                Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.690)
                [Failed]
        Retry 1
                Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.705)
                Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.689)
                Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.694)
                Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.691)
[Passed]  Optimum value(s): N/A

QID STD/DRC
        Optimization Settings:
                Method: QID Calibration.mth.
                        Initial Try - Start/End/Step: -20/0/0.5.

        Optimization Results:
        Initial Try

  Optimum value(s): Correlation Coefficient = 1.000; Intercept = -15.78

        Analyte      Mass    Points       DAC   MaxIntensity

             Li         7        41     -15.5        42675.6
             Mg        24        41       -15        55310.9
             In       115        41       -13         142515
             Ce       140        41     -12.5         133057
             Pb       208        41       -11        80562.5
              U       238        41       -11         154200

KED Mode QID
        Optimization Settings:
                Method: QID Calibration.mth.
                        Initial Try - Start/End/Step: -20/0/0.5.

        Optimization Results:
        Initial Try

  Optimum value(s): Correlation Coefficient = 0.999; Intercept = -14.80

        Analyte      Mass    Points       DAC   MaxIntensity

             Li         7        41       -15        35808.8
             Mg        24        41       -15        57700.3
             In       115        41       -12         115070
             Ce       140        41       -11        94374.7
             Pb       208        41     -10.5        49264.8
              U       238        41     -10.5         105839

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
```

```
            Intensity Criterion: In 115 > 40000
            Intensity Criterion: U 238 > 30000
            Intensity Criterion: Bkgd 220 <= 5
            Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
            Formula Criterion: CeO 156 / Ce 140 <= 0.025
            RSD Criterion: Be 9.0122 < 0.05
            RSD Criterion: In 114.904 < 0.05
            RSD Criterion: U 238.05 < 0.05

      Optimization Results:
      Initial Try
            Obtained Intensity (Be 9): 10186.30
            Obtained Intensity (In 115): 124455.42
            Obtained Intensity (U 238): 154423.85
            Obtained Intensity (Bkgd 220): 0.37
            Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1218.99 / 127220.79)
            Obtained Formula (CeO 156 / Ce 140): 0.017 (=2106.22 / 127220.79)
            Obtained RSD (Be 9): 0.0110
            Obtained RSD (In 115): 0.0111
            Obtained RSD (U 238): 0.0069

[Passed]  Optimum value(s): N/A

End Time: 7/12/2021 1:51:51 PM
```

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/12/2021 1:55:08 PM
End Time: 7/12/2021 1:57:35 PM

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.95
        Obtained Intensity (In 115): 146457.92
        Obtained Formula (CeO 156 / Ce 140): 0.0204 (=2843.28 / 139119.11)

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/12/2021 1:55:08 PM

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.9/1/0.01.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.023

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 146457.92
		Obtained Formula (CeO 156 / Ce 140): 0.0204 (=2843.28 / 139119.11)
[Passed] Optimum value(s): 0.95

End Time: 7/12/2021 1:57:35 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 12, 2021 13:59:15
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11260
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	12005.0	12004.976	91.977	0.8	Standard
	In	114.9	144688.4	144688.414	1430.007	1.0	Standard
	U	238.1	170787.0	170787.046	1821.495	1.1	Standard
⌈	CeO	155.9	2699.3	0.020	0.001	2.6	Standard
| >	Ce	139.9	134890.0	134889.999	898.744	0.7	Standard
⌊	Ce++	70.0	1766.0	0.013	0.000	1.7	Standard
	Bkgd	220.0	0.4	0.400	0.253	63.2	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.95	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/12/2021 1:59:14 PM
End Time: 7/12/2021 2:01:19 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 12004.98
Obtained Intensity (In 115): 144688.41
Obtained Intensity (U 238): 170787.05
Obtained Intensity (Bkgd 220): 0.40
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1765.98 / 134890.00)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2699.26 / 134890.00)
Obtained RSD (Be 9): 0.0077
Obtained RSD (In 115): 0.0099
Obtained RSD (U 238): 0.0107

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/12/2021 1:59:14 PM

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12004.98
Obtained Intensity (In 115): 144688.41
Obtained Intensity (U 238): 170787.05
Obtained Intensity (Bkgd 220): 0.40
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=1765.98 / 134890.00)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2699.26 / 134890.00)
Obtained RSD (Be 9): 0.0077
Obtained RSD (In 115): 0.0099
Obtained RSD (U 238): 0.0107

[Passed] Optimum value(s): N/A

End Time: 7/12/2021 2:01:19 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:00:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1659885	2	Standard
⌊	**Be**	**9**		ug/L				100	14	Standard
	C	**13**		ug/L				36575	0	Standard
	Cl	**37**		ug/L				7672561	1	Standard
⌈>	**Sc**	**45**		ug/L				1899052	0	Standard
⌈	**Cr**	**52**		ug/L				27644	2	Standard
⌊	**Cr**	**53**		ug/L				500	1	Standard
⌊	**Mn**	**55**		ug/L				908	4	Standard
⌈>	**Ge**	**72**		ug/L				101898	1	KED
⌈	**Ni**	**60**		ug/L				24	15	KED
⌊	**Ni**	**62**		ug/L				6	15	KED
⌈	**Cu**	**63**		ug/L				136	18	KED
⌊	**Cu**	**65**		ug/L				65	7	KED
⌈	**Zn**	**66**		ug/L				234	6	KED
⌊	**Zn**	**67**		ug/L				38	2	KED
⌈	**As**	**75**		ug/L				4	30	KED
⌊	**Se**	**78**		ug/L				15	17	KED
	Y	**89**		ug/L				889360	1	Standard
	Kr	**83**		ug/L				393	6	Standard
⌈>	**In-1**	**115**		ug/L				28818	1	KED
⌈	**Cd**	**111**		ug/L				2	33	KED
⌊	**Cd**	**114**		ug/L				2	38	KED
⌈>	**In**	**115**		ug/L				1701580	2	Standard
⌈	**Ag**	**107**		ug/L				48	36	Standard
⌈	**Sb**	**121**		ug/L				99	6	Standard
⌊	**Sb**	**123**		ug/L				75	11	Standard
⌈	**Ba**	**135**		ug/L				76	18	Standard
⌊	**Ba**	**137**		ug/L				96	4	Standard
⌈>	**Tb**	**159**		ug/L				2741949	1	Standard
⌈	**Tl**	**205**		ug/L				78	25	Standard
⌊	**Pb**	**208**		ug/L				557	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:04:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1677930	1	Standard
⌊	**Be**	**9**	**0.200**	ug/L	0.003	1	100	1768	3	Standard
	C	**13**		ug/L			36575	35364	0	Standard
	Cl	**37**		ug/L			7672561	7639281	2	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1883899	0	Standard
⌈	**Cr**	**52**	**0.500**	ug/L	0.010	1	27644	41995	0	Standard
⌊	**Cr**	**53**	**0.500**	ug/L	0.021	4	500	2325	2	Standard
	Mn	**55**	**0.500**	ug/L	0.009	1	908	24904	1	Standard
⌈>	**Ge**	**72**		ug/L			101898	101958	0	KED
⌈	**Ni**	**60**	**0.500**	ug/L	0.019	3	24	956	2	KED
⌊	**Ni**	**62**	**0.500**	ug/L	0.045	8	6	155	7	KED
⌈	**Cu**	**63**	**0.500**	ug/L	0.004	0	136	2922	0	KED
⌊	**Cu**	**65**	**0.500**	ug/L	0.014	2	65	1416	1	KED
⌈	**Zn**	**66**	**4.000**	ug/L	0.101	2	234	4861	1	KED
⌊	**Zn**	**67**	**4.000**	ug/L	0.167	4	38	697	4	KED
⌈	**As**	**75**	**0.200**	ug/L	0.009	4	4	74	3	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.123	24	15	33	13	KED
	Y	**89**		ug/L			889360	880398	1	Standard
	Kr	**83**		ug/L			393	384	11	Standard
⌈>	**In-1**	**115**		ug/L			28818	28569	1	KED
⌈	**Cd**	**111**	**0.100**	ug/L	0.011	10	2	44	10	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.008	7	2	107	8	KED
⌈>	**In**	**115**		ug/L			1701580	1684258	1	Standard
⌈	**Ag**	**107**	**0.200**	ug/L	0.008	3	48	4429	5	Standard
⌈	**Sb**	**121**	**0.200**	ug/L	0.008	4	99	4746	2	Standard
⌊	**Sb**	**123**	**0.200**	ug/L	0.007	3	75	3737	2	Standard
⌈	**Ba**	**135**	**0.500**	ug/L	0.008	1	76	3704	0	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.010	2	96	6484	1	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2708496	0	Standard
⌈	**Tl**	**205**	**0.200**	ug/L	0.003	1	78	18419	2	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.001	1	557	15851	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:09:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1648614	1	Standard
⌊	**Be**	**9**	**10.000**	ug/L	0.282	2	100	86274	1	Standard
	C	**13**		ug/L			36575	45908	2	Standard
	Cl	**37**		ug/L			7672561	7945382	2	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1888033	0	Standard
⌈	**Cr**	**52**	**10.002**	ug/L	0.184	1	27644	351265	2	Standard
⌊	**Cr**	**53**	**10.001**	ug/L	0.096	0	500	38010	1	Standard
⌊	**Mn**	**55**	**10.001**	ug/L	0.039	0	908	492492	1	Standard
⌈>	**Ge**	**72**		ug/L			101898	100704	0	KED
⌈	**Ni**	**60**	**10.001**	ug/L	0.168	1	24	19328	1	KED
⌊	**Ni**	**62**	**10.002**	ug/L	0.371	3	6	3142	4	KED
⌈	**Cu**	**63**	**10.001**	ug/L	0.165	1	136	57521	1	KED
⌊	**Cu**	**65**	**10.001**	ug/L	0.073	0	65	28173	1	KED
⌈	**Zn**	**66**	**9.397**	ug/L	0.177	1	234	8028	1	KED
⌊	**Zn**	**67**	**9.635**	ug/L	0.381	3	38	1313	3	KED
⌈	**As**	**75**	**10.000**	ug/L	0.246	2	4	3653	2	KED
⌊	**Se**	**78**	**10.003**	ug/L	0.061	0	15	421	0	KED
	Y	**89**		ug/L			889360	886302	0	Standard
	Kr	**83**		ug/L			393	376	4	Standard
⌈>	**In-1**	**115**		ug/L			28818	28395	0	KED
⌈	**Cd**	**111**	**10.000**	ug/L	0.152	1	2	4178	2	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.100	1	2	10812	0	KED
⌈>	**In**	**115**		ug/L			1701580	1678038	1	Standard
⌈	**Ag**	**107**	**10.000**	ug/L	0.196	1	48	225259	0	Standard
⌈	**Sb**	**121**	**10.000**	ug/L	0.031	0	99	236488	1	Standard
⌊	**Sb**	**123**	**10.000**	ug/L	0.154	1	75	187408	1	Standard
⌈	**Ba**	**135**	**10.001**	ug/L	0.195	1	76	76872	1	Standard
⌊	**Ba**	**137**	**10.001**	ug/L	0.105	1	96	130599	0	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2787471	0	Standard
⌈	**Tl**	**205**	**10.000**	ug/L	0.141	1	78	934359	0	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.126	1	557	1248012	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:13:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1601212	1	Standard
⌊	**Be**	**9**	**20.099**	ug/L	0.326	1	100	171738	1	Standard
	C	**13**		ug/L			36575	43973	0	Standard
	Cl	**37**		ug/L			7672561	8193937	2	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1885820	0	Standard
⌈	**Cr**	**52**	**19.955**	ug/L	0.121	0	27644	666866	0	Standard
⌊	**Cr**	**53**	**19.972**	ug/L	0.190	0	500	74905	0	Standard
⌊	**Mn**	**55**	**19.933**	ug/L	0.240	1	908	966756	1	Standard
⌈>	**Ge**	**72**		ug/L			101898	100140	1	KED
⌈	**Ni**	**60**	**19.945**	ug/L	0.280	1	24	37884	0	KED
⌊	**Ni**	**62**	**20.070**	ug/L	0.216	1	6	6351	0	KED
⌈	**Cu**	**63**	**19.936**	ug/L	0.300	1	136	112439	0	KED
⌊	**Cu**	**65**	**19.926**	ug/L	0.311	1	65	54941	1	KED
⌈	**Zn**	**66**	**19.687**	ug/L	0.258	1	234	15643	1	KED
⌊	**Zn**	**67**	**19.819**	ug/L	0.166	0	38	2568	2	KED
⌈	**As**	**75**	**19.903**	ug/L	0.215	1	4	7089	0	KED
⌊	**Se**	**78**	**20.024**	ug/L	0.509	2	15	827	1	KED
	Y	**89**		ug/L			889360	895759	0	Standard
	Kr	**83**		ug/L			393	372	6	Standard
⌈>	**In-1**	**115**		ug/L			28818	27947	0	KED
⌈	**Cd**	**111**	**20.056**	ug/L	0.384	1	2	8337	2	KED
⌊	**Cd**	**114**	**20.020**	ug/L	0.046	0	2	21388	0	KED
⌈>	**In**	**115**		ug/L			1701580	1644198	1	Standard
⌈	**Ag**	**107**	**19.952**	ug/L	0.445	2	48	436093	1	Standard
⌈	**Sb**	**121**	**20.014**	ug/L	0.331	1	99	464920	0	Standard
⌊	**Sb**	**123**	**19.969**	ug/L	0.437	2	75	364361	1	Standard
⌈	**Ba**	**135**	**20.005**	ug/L	0.257	1	76	150725	0	Standard
⌊	**Ba**	**137**	**20.078**	ug/L	0.326	1	96	260863	0	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2800010	1	Standard
⌈	**Tl**	**205**	**19.939**	ug/L	0.236	1	78	1848805	1	Standard
⌊	**Pb**	**208**	**19.945**	ug/L	0.404	2	557	2472262	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:18:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1512348	1	Standard
⌊	**Be**	**9**	**50.085**	ug/L	0.827	1	100	407535	1	Standard
	C	**13**		ug/L			36575	38262	1	Standard
	Cl	**37**		ug/L			7672561	8092449	1	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1812338	2	Standard
⌈	**Cr**	**52**	**50.112**	ug/L	0.539	1	27644	1586869	1	Standard
⌊	**Cr**	**53**	**50.170**	ug/L	0.714	1	500	183174	0	Standard
⌊	**Mn**	**55**	**49.861**	ug/L	0.376	0	908	2290768	1	Standard
⌈>	**Ge**	**72**		ug/L			101898	99056	1	KED
⌈	**Ni**	**60**	**49.913**	ug/L	0.784	1	24	92939	1	KED
⌊	**Ni**	**62**	**49.786**	ug/L	0.231	0	6	15248	1	KED
⌈	**Cu**	**63**	**49.809**	ug/L	0.720	1	136	272476	0	KED
⌊	**Cu**	**65**	**49.848**	ug/L	0.593	1	65	133840	1	KED
⌈	**Zn**	**66**	**49.666**	ug/L	0.579	1	234	37485	1	KED
⌊	**Zn**	**67**	**49.809**	ug/L	1.438	2	38	6212	2	KED
⌈	**As**	**75**	**50.055**	ug/L	0.209	0	4	17726	0	KED
⌊	**Se**	**78**	**49.996**	ug/L	1.076	2	15	2021	3	KED
	Y	**89**		ug/L			889360	872090	1	Standard
	Kr	**83**		ug/L			393	560	16	Standard
⌈>	**In-1**	**115**		ug/L			28818	27931	1	KED
⌈	**Cd**	**111**	**49.890**	ug/L	1.630	3	2	20490	1	KED
⌊	**Cd**	**114**	**50.048**	ug/L	0.758	1	2	53689	1	KED
⌈>	**In**	**115**		ug/L			1701580	1591916	1	Standard
⌈	**Ag**	**107**	**49.736**	ug/L	0.884	1	48	1025533	1	Standard
⌈	**Sb**	**121**	**49.985**	ug/L	0.272	0	99	1122520	1	Standard
⌊	**Sb**	**123**	**49.919**	ug/L	0.212	0	75	874802	0	Standard
⌈	**Ba**	**135**	**50.270**	ug/L	0.542	1	76	376766	0	Standard
⌊	**Ba**	**137**	**50.323**	ug/L	0.419	0	96	654077	0	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2830654	0	Standard
⌈	**Tl**	**205**	**50.080**	ug/L	0.642	1	78	4732208	1	Standard
⌊	**Pb**	**208**	**49.950**	ug/L	0.801	1	557	6227848	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:25:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1659885	1461947	2	Standard
	Be	**9**	**100.008**	ug/L	2.831	2	100	786449	0	Standard
	C	**13**		ug/L			36575	39825	2	Standard
	Cl	**37**		ug/L			7672561	8103032	1	Standard
>	**Sc**	**45**		ug/L			1899052	1777821	1	Standard
	Cr	**52**	**99.499**	ug/L	1.993	2	27644	3015274	0	Standard
	Cr	**53**	**100.653**	ug/L	1.056	1	500	368115	2	Standard
	Mn	**55**	**100.253**	ug/L	2.935	2	908	4554984	1	Standard
>	**Ge**	**72**		ug/L			101898	97260	2	KED
	Ni	**60**	**100.125**	ug/L	1.422	1	24	183770	0	KED
	Ni	**62**	**100.084**	ug/L	1.488	1	6	30171	0	KED
	Cu	**63**	**99.620**	ug/L	1.278	1	136	528287	1	KED
	Cu	**65**	**99.730**	ug/L	1.488	1	65	260466	0	KED
	Zn	**66**	**99.809**	ug/L	0.806	0	234	73272	1	KED
	Zn	**67**	**99.730**	ug/L	2.097	2	38	12069	2	KED
	As	**75**	**100.471**	ug/L	1.176	1	4	35485	1	KED
	Se	**78**	**100.449**	ug/L	1.136	1	15	4031	0	KED
	Y	**89**		ug/L			889360	856903	1	Standard
	Kr	**83**		ug/L			393	387	6	Standard
>	**In-1**	**115**		ug/L			28818	27720	1	KED
	Cd	**111**	**99.919**	ug/L	1.901	1	2	40626	0	KED
	Cd	**114**	**99.698**	ug/L	0.934	0	2	105090	0	KED
>	**In**	**115**		ug/L			1701580	1538078	1	Standard
	Ag	**107**	**99.558**	ug/L	1.917	1	48	1954377	0	Standard
	Sb	**121**	**100.447**	ug/L	1.603	1	99	2212260	1	Standard
	Sb	**123**	**100.092**	ug/L	2.502	2	75	1699559	1	Standard
	Ba	**135**	**101.342**	ug/L	1.917	1	76	768125	1	Standard
	Ba	**137**	**101.624**	ug/L	2.568	2	96	1348925	1	Standard
>	**Tb**	**159**		ug/L			2741949	2911561	0	Standard
	Tl	**205**	**99.630**	ug/L	1.734	1	78	9565244	1	Standard
	Pb	**208**	**99.635**	ug/L	0.748	0	557	12624608	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:32:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1527591	0	Standard
⌊	**Be**	**9**	**0.004**	ug/L	0.001	29	100	126	8	Standard
	C	**13**		ug/L			36575	35135	2	Standard
	Cl	**37**		ug/L			7672561	7983882	1	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1875076	0	Standard
⌈	**Cr**	**52**	**0.019**	ug/L	0.021	108	27644	27901	2	Standard
⌊	**Cr**	**53**	**-0.013**	ug/L	0.007	55	500	443	6	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.000	2	908	1119	0	Standard
⌈>	**Ge**	**72**		ug/L			101898	100342	0	KED
⌈	**Ni**	**60**	**0.000**	ug/L	0.001	540	24	24	7	KED
⌊	**Ni**	**62**	**0.002**	ug/L	0.016	702	6	7	66	KED
⌈	**Cu**	**63**	**0.002**	ug/L	0.001	82	136	143	5	KED
⌊	**Cu**	**65**	**-0.002**	ug/L	0.001	72	65	59	6	KED
⌈	**Zn**	**66**	**0.059**	ug/L	0.032	54	234	276	9	KED
⌊	**Zn**	**67**	**-0.005**	ug/L	0.024	449	38	37	7	KED
⌈	**As**	**75**	**0.001**	ug/L	0.004	257	4	5	27	KED
⌊	**Se**	**78**	**-0.046**	ug/L	0.064	139	15	13	18	KED
	Y	**89**		ug/L			889360	898782	1	Standard
	Kr	**83**		ug/L			393	350	6	Standard
⌈>	**In-1**	**115**		ug/L			28818	28853	1	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.009	304	2	4	93	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	172	2	2	40	KED
⌈>	**In**	**115**		ug/L			1701580	1607508	1	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	57	48	85	26	Standard
⌈	**Sb**	**121**	**0.100**	ug/L	0.008	7	99	2390	8	Standard
⌊	**Sb**	**123**	**0.102**	ug/L	0.003	2	75	1874	3	Standard
⌈	**Ba**	**135**	**-0.002**	ug/L	0.001	45	76	57	12	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.002	68	96	128	19	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2777880	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	8	78	354	5	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	94	557	607	6	Standard

Sample Information

Sample Date/Time: Monday, July 12, 2021 18:25:07
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
Li	6							
Be	9	**1.0000**	0.005	0.20	10	20	50	100
C	13							
Cl	37							
Sc	45							
Cr	52	**1.0000**	0.017	0.50	10	20	50	100
Cr	53	**0.9999**	0.002	0.50	10	20	50	100
Mn	55	**1.0000**	0.026	0.50	10	20	50	100
Ge	72							
Ni	60	**1.0000**	0.019	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.055	0.50	10	20	50	100
Cu	65	**1.0000**	0.027	0.50	10	20	50	100
Zn	66	**0.9998**	0.008	4.00	10	20	50	100
Zn	67	**0.9999**	0.001	4.00	10	20	50	100
As	75	**1.0000**	0.004	0.20	10	20	50	100
Se	78	**1.0000**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Cd	111	**1.0000**	0.015	0.10	10	20	50	100
Cd	114	**1.0000**	0.038	0.10	10	20	50	100
In	115							
Ag	107	**1.0000**	0.013	0.20	10	20	50	100
Sb	121	**1.0000**	0.014	0.20	10	20	50	100
Sb	123	**1.0000**	0.011	0.20	10	20	50	100
Ba	135	**0.9997**	0.005	0.50	10	20	50	100
Ba	137	**0.9995**	0.009	0.50	10	20	50	100
Tb	159							
Tl	205	**1.0000**	0.033	0.20	10	20	50	100
Pb	208	**1.0000**	0.044	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:38:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1480541	0	Standard
⌊	**Be**	**9**	**49.109**	ug/L	0.331	0	100	391313	0	Standard
	C	**13**		ug/L			36575	37164	3	Standard
	Cl	**37**		ug/L			7672561	8195387	1	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1846987	0	Standard
⌈	**Cr**	**52**	**49.443**	ug/L	0.174	0	27644	1570398	0	Standard
⌊	**Cr**	**53**	**48.172**	ug/L	0.708	1	500	183259	0	Standard
⌊	**Mn**	**55**	**48.587**	ug/L	1.080	2	908	2294108	1	Standard
⌈>	**Ge**	**72**		ug/L			101898	100666	0	KED
⌈	**Ni**	**60**	**49.324**	ug/L	0.801	1	24	93730	1	KED
⌊	**Ni**	**62**	**48.492**	ug/L	0.685	1	6	15136	1	KED
⌈	**Cu**	**63**	**50.252**	ug/L	0.485	0	136	275912	1	KED
⌊	**Cu**	**65**	**50.213**	ug/L	0.615	1	65	135792	1	KED
⌈	**Zn**	**66**	**48.029**	ug/L	1.141	2	234	36615	1	KED
⌊	**Zn**	**67**	**48.337**	ug/L	0.793	1	38	6074	2	KED
⌈	**As**	**75**	**48.128**	ug/L	0.658	1	4	17597	1	KED
⌊	**Se**	**78**	**76.492**	ug/L	1.021	1	15	3181	1	KED
	Y	**89**		ug/L			889360	876922	0	Standard
	Kr	**83**		ug/L			393	339	7	Standard
⌈>	**In-1**	**115**		ug/L			28818	28510	2	KED
⌈	**Cd**	**111**	**48.531**	ug/L	1.086	2	2	20293	0	KED
⌊	**Cd**	**114**	**48.494**	ug/L	1.196	2	2	52562	0	KED
⌈>	**In**	**115**		ug/L			1701580	1557681	0	Standard
⌈	**Ag**	**107**	**48.864**	ug/L	0.675	1	48	971702	2	Standard
⌈	**Sb**	**121**	**48.224**	ug/L	0.246	0	99	1075674	0	Standard
⌊	**Sb**	**123**	**49.120**	ug/L	0.903	1	75	844823	1	Standard
⌈	**Ba**	**135**	**48.410**	ug/L	1.011	2	76	371657	1	Standard
⌊	**Ba**	**137**	**48.045**	ug/L	0.252	0	96	646027	0	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2901916	1	Standard
⌈	**Tl**	**205**	**48.872**	ug/L	0.995	2	78	4676168	1	Standard
⌊	**Pb**	**208**	**48.657**	ug/L	0.784	1	557	6144467	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:45:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1510870	1	Standard
⌊	**Be**	**9**	**0.005**	ug/L	0.000	10	100	129	1	Standard
	C	**13**		ug/L			36575	34626	2	Standard
	Cl	**37**		ug/L			7672561	7973232	2	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1827867	1	Standard
⌈	**Cr**	**52**	**0.039**	ug/L	0.005	13	27644	27822	1	Standard
⌊	**Cr**	**53**	**-0.012**	ug/L	0.008	66	500	434	6	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.000	6	908	1052	1	Standard
⌈>	**Ge**	**72**		ug/L			101898	99589	1	KED
⌈	**Ni**	**60**	**0.006**	ug/L	0.002	31	24	34	8	KED
⌊	**Ni**	**62**	**0.002**	ug/L	0.016	663	6	7	66	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.003	395	136	137	12	KED
⌊	**Cu**	**65**	**-0.001**	ug/L	0.005	429	65	60	19	KED
⌈	**Zn**	**66**	**0.002**	ug/L	0.013	672	234	231	4	KED
⌊	**Zn**	**67**	**0.006**	ug/L	0.084	1314	38	38	27	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.007	3586	4	4	52	KED
⌊	**Se**	**78**	**0.005**	ug/L	0.074	1353	15	15	18	KED
	Y	**89**		ug/L			889360	866815	1	Standard
	Kr	**83**		ug/L			393	338	11	Standard
⌈>	**In-1**	**115**		ug/L			28818	28365	1	KED
⌈	**Cd**	**111**	**0.034**	ug/L	0.026	77	2	16	65	KED
⌊	**Cd**	**114**	**0.015**	ug/L	0.007	49	2	18	42	KED
⌈>	**In**	**115**		ug/L			1701580	1572799	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.000	21	48	83	9	Standard
⌈	**Sb**	**121**	**0.021**	ug/L	0.002	9	99	568	7	Standard
⌊	**Sb**	**123**	**0.022**	ug/L	0.001	4	75	450	4	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.002	95	76	83	14	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	61	96	107	11	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2731758	1	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	14	78	325	9	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	64	557	597	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:51:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⎡>	**Li**	**6**		ug/L			1659885	1490824	0	Standard
⎣	**Be**	**9**	**49.978**	ug/L	0.824	1	100	401023	1	Standard
	C	**13**		ug/L			36575	36677	1	Standard
	Cl	**37**		ug/L			7672561	8088850	1	Standard
⎡>	**Sc**	**45**		ug/L			1899052	1842385	1	Standard
⎢	**Cr**	**52**	**49.878**	ug/L	0.328	0	27644	1579949	1	Standard
⎢	**Cr**	**53**	**48.439**	ug/L	0.737	1	500	183800	0	Standard
⎣	**Mn**	**55**	**48.907**	ug/L	0.276	0	908	2303765	1	Standard
⎡>	**Ge**	**72**		ug/L			101898	98049	1	KED
⎢	**Ni**	**60**	**49.255**	ug/L	1.003	2	24	91159	1	KED
⎢	**Ni**	**62**	**49.065**	ug/L	0.539	1	6	14916	1	KED
⎢	**Cu**	**63**	**49.722**	ug/L	0.842	1	136	265888	1	KED
⎢	**Cu**	**65**	**49.891**	ug/L	0.547	1	65	131408	1	KED
⎢	**Zn**	**66**	**49.384**	ug/L	1.188	2	234	36661	1	KED
⎢	**Zn**	**67**	**48.807**	ug/L	0.207	0	38	5973	1	KED
⎢	**As**	**75**	**48.951**	ug/L	0.771	1	4	17432	0	KED
⎣	**Se**	**78**	**50.509**	ug/L	0.505	0	15	2051	2	KED
	Y	**89**		ug/L			889360	882683	1	Standard
	Kr	**83**		ug/L			393	342	5	Standard
⎡>	**In-1**	**115**		ug/L			28818	28030	1	KED
⎢	**Cd**	**111**	**49.533**	ug/L	0.598	1	2	20367	0	KED
⎣	**Cd**	**114**	**49.159**	ug/L	0.607	1	2	52397	0	KED
⎡>	**In**	**115**		ug/L			1701580	1546070	2	Standard
⎢	**Ag**	**107**	**48.545**	ug/L	1.280	2	48	957743	1	Standard
⎢	**Sb**	**121**	**48.155**	ug/L	0.711	1	99	1065956	1	Standard
⎢	**Sb**	**123**	**49.014**	ug/L	0.911	1	75	836594	1	Standard
⎢	**Ba**	**135**	**49.660**	ug/L	1.155	2	76	378306	1	Standard
⎣	**Ba**	**137**	**50.094**	ug/L	1.075	2	96	668335	0	Standard
⎡>	**Tb**	**159**		ug/L			2741949	2886737	0	Standard
⎢	**Tl**	**205**	**50.374**	ug/L	0.524	1	78	4795281	1	Standard
⎣	**Pb**	**208**	**49.222**	ug/L	0.316	0	557	6184038	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 18:58:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1514452	1	Standard
⌊	**Be**	**9**	**0.005**	ug/L	0.001	20	100	128	6	Standard
	C	**13**		ug/L			36575	34465	1	Standard
	Cl	**37**		ug/L			7672561	7934627	2	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1842378	1	Standard
⌈	**Cr**	**52**	**0.023**	ug/L	0.014	60	27644	27535	0	Standard
⌊	**Cr**	**53**	**-0.011**	ug/L	0.005	48	500	444	4	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	21	908	1048	1	Standard
⌈>	**Ge**	**72**		ug/L			101898	98836	1	KED
⌈	**Ni**	**60**	**0.003**	ug/L	0.003	91	24	29	16	KED
⌊	**Ni**	**62**	**0.005**	ug/L	0.020	417	6	8	74	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.001	49	136	140	1	KED
⌊	**Cu**	**65**	**0.003**	ug/L	0.002	62	65	71	8	KED
⌈	**Zn**	**66**	**0.100**	ug/L	0.076	76	234	302	18	KED
⌊	**Zn**	**67**	**0.083**	ug/L	0.113	136	38	47	28	KED
⌈	**As**	**75**	**0.001**	ug/L	0.005	549	4	4	33	KED
⌊	**Se**	**78**	**0.005**	ug/L	0.082	1707	15	15	21	KED
	Y	**89**		ug/L			889360	882338	0	Standard
	Kr	**83**		ug/L			393	351	5	Standard
⌈>	**In-1**	**115**		ug/L			28818	27928	2	KED
⌈	**Cd**	**111**	**0.016**	ug/L	0.006	40	2	9	26	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.003	78	2	6	47	KED
⌈>	**In**	**115**		ug/L			1701580	1555356	2	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	44	48	69	13	Standard
⌈	**Sb**	**121**	**0.052**	ug/L	0.001	2	99	1247	0	Standard
⌊	**Sb**	**123**	**0.055**	ug/L	0.002	4	75	1011	1	Standard
⌈	**Ba**	**135**	**0.001**	ug/L	0.003	406	76	74	28	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	76	96	109	13	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2782145	0	Standard
⌈	**Tl**	**205**	**0.003**	ug/L	0.000	6	78	344	5	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	106	557	620	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 19:12:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1469918	2	Standard
⌊	**Be**	**9**	**0.201**	ug/L	0.005	2	100	1674	1	Standard
	C	**13**		ug/L			36575	32365	2	Standard
	Cl	**37**		ug/L			7672561	7679586	1	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1845180	0	Standard
⌈	**Cr**	**52**	**0.527**	ug/L	0.011	2	27644	43295	0	Standard
⌊	**Cr**	**53**	**0.454**	ug/L	0.010	2	500	2206	2	Standard
⌊	**Mn**	**55**	**0.490**	ug/L	0.006	1	908	23978	0	Standard
⌈>	**Ge**	**72**		ug/L			101898	97402	0	KED
⌈	**Ni**	**60**	**0.460**	ug/L	0.032	6	24	869	7	KED
⌊	**Ni**	**62**	**0.405**	ug/L	0.076	18	6	128	18	KED
⌈	**Cu**	**63**	**0.467**	ug/L	0.037	7	136	2611	8	KED
⌊	**Cu**	**65**	**0.480**	ug/L	0.024	5	65	1318	5	KED
⌈	**Zn**	**66**	**5.571**	ug/L	0.159	2	234	4308	3	KED
⌊	**Zn**	**67**	**5.126**	ug/L	0.229	4	38	656	5	KED
⌈	**As**	**75**	**0.183**	ug/L	0.016	8	4	69	9	KED
⌊	**Se**	**78**	**0.514**	ug/L	0.068	13	15	35	8	KED
	Y	**89**		ug/L			889360	858046	0	Standard
	Kr	**83**		ug/L			393	385	5	Standard
⌈>	**In-1**	**115**		ug/L			28818	28419	1	KED
⌈	**Cd**	**111**	**0.094**	ug/L	0.020	21	2	41	18	KED
⌊	**Cd**	**114**	**0.112**	ug/L	0.011	9	2	122	8	KED
⌈>	**In**	**115**		ug/L			1701580	1550555	1	Standard
⌈	**Ag**	**107**	**0.201**	ug/L	0.004	2	48	4024	0	Standard
⌈	**Sb**	**121**	**0.190**	ug/L	0.003	1	99	4314	0	Standard
⌊	**Sb**	**123**	**0.197**	ug/L	0.002	1	75	3443	1	Standard
⌈	**Ba**	**135**	**0.478**	ug/L	0.021	4	76	3724	3	Standard
⌊	**Ba**	**137**	**0.462**	ug/L	0.014	3	96	6268	1	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2713692	0	Standard
⌈	**Tl**	**205**	**0.197**	ug/L	0.002	1	78	17751	1	Standard
⌊	**Pb**	**208**	**0.102**	ug/L	0.000	0	557	12639	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 19:16:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1659885	1405246	1	Standard
	Be	**9**	**-0.002**	ug/L	0.002	89	100	71	18	Standard
	C	**13**		ug/L			36575	181149	0	Standard
	Cl	**37**		ug/L			7672561	14687752	1	Standard
>	**Sc**	**45**		ug/L			1899052	1766044	1	Standard
	Cr	**52**	**0.504**	ug/L	0.010	2	27644	40740	0	Standard
	Cr	**53**	**9.871**	ug/L	0.191	1	500	36275	1	Standard
	Mn	**55**	**0.077**	ug/L	0.001	0	908	4299	0	Standard
>	**Ge**	**72**		ug/L			101898	95634	0	KED
	Ni	**60**	**0.044**	ug/L	0.009	21	24	102	16	KED
	Ni	**62**	**0.092**	ug/L	0.021	22	6	33	17	KED
	Cu	**63**	**0.036**	ug/L	0.003	7	136	318	5	KED
	Cu	**65**	**0.040**	ug/L	0.004	9	65	164	5	KED
	Zn	**66**	**0.031**	ug/L	0.017	55	234	243	5	KED
	Zn	**67**	**0.004**	ug/L	0.046	1242	38	36	15	KED
	As	**75**	**0.019**	ug/L	0.002	10	4	11	6	KED
	Se	**78**	**0.027**	ug/L	0.047	173	15	15	12	KED
	Y	**89**		ug/L			889360	834125	1	Standard
	Kr	**83**		ug/L			393	417	7	Standard
>	**In-1**	**115**		ug/L			28818	26398	1	KED
	Cd	**111**	**0.087**	ug/L	0.009	10	2	36	9	KED
	Cd	**114**	**0.065**	ug/L	0.006	8	2	67	8	KED
>	**In**	**115**		ug/L			1701580	1466844	0	Standard
	Ag	**107**	**0.006**	ug/L	0.001	13	48	151	9	Standard
	Sb	**121**	**0.010**	ug/L	0.002	23	99	286	15	Standard
	Sb	**123**	**0.008**	ug/L	0.002	19	75	201	13	Standard
	Ba	**135**	**0.031**	ug/L	0.007	22	76	291	18	Standard
	Ba	**137**	**0.032**	ug/L	0.001	4	96	484	3	Standard
>	**Tb**	**159**		ug/L			2741949	2998380	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	14	78	240	10	Standard
	Pb	**208**	**0.007**	ug/L	0.000	6	557	1542	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 19:21:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1659885	1426642	0	Standard
	Be	**9**	**-0.002**	ug/L	0.001	68	100	70	15	Standard
	C	**13**		ug/L			36575	190030	2	Standard
	Cl	**37**		ug/L			7672561	14818106	3	Standard
>	**Sc**	**45**		ug/L			1899052	1834283	0	Standard
	Cr	**52**	**20.113**	ug/L	0.482	2	27644	650368	3	Standard
	Cr	**53**	**28.004**	ug/L	0.089	0	500	106013	1	Standard
	Mn	**55**	**19.697**	ug/L	0.143	0	908	924286	1	Standard
>	**Ge**	**72**		ug/L			101898	98832	1	KED
	Ni	**60**	**19.422**	ug/L	0.140	0	24	36249	0	KED
	Ni	**62**	**19.317**	ug/L	0.199	1	6	5923	0	KED
	Cu	**63**	**19.196**	ug/L	0.105	0	136	103557	0	KED
	Cu	**65**	**19.208**	ug/L	0.121	0	65	51037	1	KED
	Zn	**66**	**20.602**	ug/L	0.201	0	234	15550	0	KED
	Zn	**67**	**19.284**	ug/L	0.894	4	38	2402	5	KED
	As	**75**	**20.582**	ug/L	0.218	1	4	7391	1	KED
	Se	**78**	**-0.006**	ug/L	0.050	848	15	15	13	KED
	Y	**89**		ug/L			889360	870248	0	Standard
	Kr	**83**		ug/L			393	425	1	Standard
>	**In-1**	**115**		ug/L			28818	27175	0	KED
	Cd	**111**	**20.461**	ug/L	0.223	1	2	8158	0	KED
	Cd	**114**	**20.303**	ug/L	0.118	0	2	20982	0	KED
>	**In**	**115**		ug/L			1701580	1491277	0	Standard
	Ag	**107**	**18.803**	ug/L	0.296	1	48	357960	1	Standard
	Sb	**121**	**0.011**	ug/L	0.002	18	99	316	13	Standard
	Sb	**123**	**0.011**	ug/L	0.001	7	75	247	5	Standard
	Ba	**135**	**0.045**	ug/L	0.004	9	76	400	7	Standard
	Ba	**137**	**0.048**	ug/L	0.003	6	96	702	5	Standard
>	**Tb**	**159**		ug/L			2741949	3049075	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	12	78	303	7	Standard
	Pb	**208**	**0.016**	ug/L	0.000	0	557	2744	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 19:26:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1659885	1372686	3	Standard
	Be	**9**	**199.185**	ug/L	7.711	3	100	1470013	0	Standard
	C	**13**		ug/L			36575	46641	1	Standard
	Cl	**37**		ug/L			7672561	7950325	1	Standard
>	**Sc**	**45**		ug/L			1899052	1823738	1	Standard
	Cr	**52**	**191.035**	ug/L	0.399	0	27644	5915384	1	Standard
	Cr	**53**	**188.746**	ug/L	3.359	1	500	707543	1	Standard
	Mn	**55**	**186.859**	ug/L	4.139	2	908	8708436	1	Standard
>	**Ge**	**72**		ug/L			101898	100395	0	KED
	Ni	**60**	**191.027**	ug/L	3.778	1	24	361963	1	KED
	Ni	**62**	**187.755**	ug/L	3.475	1	6	58431	1	KED
	Cu	**63**	**188.007**	ug/L	0.079	0	136	1029116	0	KED
	Cu	**65**	**189.458**	ug/L	0.622	0	65	510798	0	KED
	Zn	**66**	**184.493**	ug/L	1.653	0	234	139623	0	KED
	Zn	**67**	**186.702**	ug/L	4.091	2	38	23290	2	KED
	As	**75**	**191.884**	ug/L	0.969	0	4	69961	0	KED
	Se	**78**	**185.484**	ug/L	1.827	0	15	7671	1	KED
	Y	**89**		ug/L			889360	873102	1	Standard
	Kr	**83**		ug/L			393	424	5	Standard
>	**In-1**	**115**		ug/L			28818	27932	1	KED
	Cd	**111**	**191.344**	ug/L	2.659	1	2	78394	0	KED
	Cd	**114**	**191.211**	ug/L	2.061	1	2	203090	0	KED
>	**In**	**115**		ug/L			1701580	1419894	1	Standard
	Ag	**107**	**201.635**	ug/L	3.452	1	48	3654191	1	Standard
	Sb	**121**	**198.895**	ug/L	2.425	1	99	4043443	0	Standard
	Sb	**123**	**201.882**	ug/L	5.602	2	75	3164832	2	Standard
	Ba	**135**	**212.710**	ug/L	4.357	2	76	1488210	1	Standard
	Ba	**137**	**225.439**	ug/L	2.106	0	96	2762695	0	Standard
>	**Tb**	**159**		ug/L			2741949	3086261	0	Standard
	Tl	**205**	**180.715**	ug/L	1.014	0	78	18391850	0	Standard
	Pb	**208**	**181.770**	ug/L	1.885	1	557	24413283	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 19:30:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1659885	1291676	1	Standard
	Be	**9**	**278.147**	ug/L	3.062	1	100	1933151	0	Standard
	C	**13**		ug/L			36575	49224	0	Standard
	Cl	**37**		ug/L			7672561	7625890	1	Standard
>	**Sc**	**45**		ug/L			1899052	1742665	1	Standard
	Cr	**52**	**288.825**	ug/L	2.696	0	27644	8532254	1	Standard
	Cr	**53**	**284.700**	ug/L	1.564	0	500	1019790	1	Standard
	Mn	**55**	**284.925**	ug/L	0.827	0	908	12690616	1	Standard
>	**Ge**	**72**		ug/L			101898	96399	0	KED
	Ni	**60**	**278.200**	ug/L	3.184	1	24	506142	1	KED
	Ni	**62**	**277.526**	ug/L	3.869	1	6	82925	1	KED
	Cu	**63**	**271.845**	ug/L	4.855	1	136	1428711	1	KED
	Cu	**65**	**273.464**	ug/L	2.992	1	65	707909	0	KED
	Zn	**66**	**263.448**	ug/L	1.570	0	234	191345	0	KED
	Zn	**67**	**268.875**	ug/L	1.514	0	38	32190	0	KED
	As	**75**	**287.666**	ug/L	2.119	0	4	100706	0	KED
	Se	**78**	**278.433**	ug/L	0.544	0	15	11050	0	KED
	Y	**89**		ug/L			889360	836191	1	Standard
	Kr	**83**		ug/L			393	539	6	Standard
>	**In-1**	**115**		ug/L			28818	26898	1	KED
	Cd	**111**	**278.681**	ug/L	3.827	1	2	109943	0	KED
	Cd	**114**	**276.738**	ug/L	3.718	1	2	283030	0	KED
>	**In**	**115**		ug/L			1701580	1327957	0	Standard
	Ag	**107**	**302.212**	ug/L	2.833	0	48	5122863	1	Standard
	Sb	**121**	**281.166**	ug/L	3.464	1	99	5346301	0	Standard
	Sb	**123**	**286.384**	ug/L	1.430	0	75	4199218	0	Standard
	Ba	**135**	**330.738**	ug/L	6.747	2	76	2164422	1	Standard
	Ba	**137**	**338.341**	ug/L	1.038	0	96	3878104	0	Standard
>	**Tb**	**159**		ug/L			2741949	2964927	1	Standard
	Tl	**205**	**268.078**	ug/L	3.037	1	78	26209169	0	Standard
	Pb	**208**	**267.951**	ug/L	3.504	1	557	34571352	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 19:37:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1659885	1481902	0	Standard
	Be	**9**	**0.010**	ug/L	0.002	15	100	169	7	Standard
	C	**13**		ug/L			36575	38061	2	Standard
	Cl	**37**		ug/L			7672561	8050416	2	Standard
>	**Sc**	**45**		ug/L			1899052	1896658	0	Standard
	Cr	**52**	**0.010**	ug/L	0.024	238	27644	27927	2	Standard
	Cr	**53**	**0.012**	ug/L	0.007	58	500	546	5	Standard
	Mn	**55**	**0.021**	ug/L	0.001	5	908	1939	1	Standard
>	**Ge**	**72**		ug/L			101898	103926	0	KED
	Ni	**60**	**0.010**	ug/L	0.006	65	24	44	27	KED
	Ni	**62**	**0.017**	ug/L	0.017	99	6	12	43	KED
	Cu	**63**	**0.003**	ug/L	0.002	54	136	158	6	KED
	Cu	**65**	**0.002**	ug/L	0.002	70	65	73	5	KED
	Zn	**66**	**0.054**	ug/L	0.006	10	234	281	1	KED
	Zn	**67**	**0.033**	ug/L	0.042	126	38	43	13	KED
	As	**75**	**0.008**	ug/L	0.004	55	4	7	21	KED
	Se	**78**	**0.042**	ug/L	0.082	196	15	17	18	KED
	Y	**89**		ug/L			889360	908300	1	Standard
	Kr	**83**		ug/L			393	337	2	Standard
>	**In-1**	**115**		ug/L			28818	29593	2	KED
	Cd	**111**	**0.008**	ug/L	0.006	81	2	6	45	KED
	Cd	**114**	**0.006**	ug/L	0.007	108	2	9	82	KED
>	**In**	**115**		ug/L			1701580	1493040	0	Standard
	Ag	**107**	**0.006**	ug/L	0.001	12	48	161	9	Standard
	Sb	**121**	**0.212**	ug/L	0.004	1	99	4622	1	Standard
	Sb	**123**	**0.209**	ug/L	0.003	1	75	3507	1	Standard
	Ba	**135**	**0.005**	ug/L	0.002	45	76	101	15	Standard
	Ba	**137**	**0.005**	ug/L	0.001	25	96	152	10	Standard
>	**Tb**	**159**		ug/L			2741949	2889069	0	Standard
	Tl	**205**	**0.020**	ug/L	0.000	1	78	1987	1	Standard
	Pb	**208**	**0.004**	ug/L	0.000	10	557	1093	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 19:47:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1469552	1	Standard
⌊	**Be**	**9**	**0.010**	ug/L	0.001	8	100	164	3	Standard
	C	**13**		ug/L			36575	37800	1	Standard
	Cl	**37**		ug/L			7672561	7878663	1	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1881132	1	Standard
⌈	**Cr**	**52**	**0.033**	ug/L	0.016	49	27644	28431	0	Standard
⌊	**Cr**	**53**	**-0.006**	ug/L	0.007	121	500	472	4	Standard
⌊	**Mn**	**55**	**0.020**	ug/L	0.001	5	908	1842	2	Standard
⌈>	**Ge**	**72**		ug/L			101898	101710	2	KED
⌈	**Ni**	**60**	**0.004**	ug/L	0.004	102	24	32	25	KED
⌊	**Ni**	**62**	**0.016**	ug/L	0.008	47	6	12	18	KED
⌈	**Cu**	**63**	**0.004**	ug/L	0.002	52	136	156	4	KED
⌊	**Cu**	**65**	**0.009**	ug/L	0.004	43	65	90	9	KED
⌈	**Zn**	**66**	**0.047**	ug/L	0.022	47	234	270	3	KED
⌊	**Zn**	**67**	**0.123**	ug/L	0.089	72	38	53	18	KED
⌈	**As**	**75**	**0.006**	ug/L	0.003	51	4	6	14	KED
⌊	**Se**	**78**	**0.043**	ug/L	0.048	112	15	17	13	KED
	Y	**89**		ug/L			889360	889285	0	Standard
	Kr	**83**		ug/L			393	336	6	Standard
⌈>	**In-1**	**115**		ug/L			28818	28568	3	KED
⌈	**Cd**	**111**	**0.005**	ug/L	0.005	102	2	5	47	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.004	69	2	7	49	KED
⌈>	**In**	**115**		ug/L			1701580	1507484	0	Standard
⌈	**Ag**	**107**	**0.003**	ug/L	0.001	18	48	104	11	Standard
⌈	**Sb**	**121**	**0.065**	ug/L	0.005	7	99	1500	7	Standard
⌊	**Sb**	**123**	**0.068**	ug/L	0.004	5	75	1206	5	Standard
⌈	**Ba**	**135**	**0.003**	ug/L	0.002	73	76	92	19	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.002	28	96	164	14	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2865954	1	Standard
⌈	**Tl**	**205**	**0.006**	ug/L	0.000	5	78	603	4	Standard
⌊	**Pb**	**208**	**0.004**	ug/L	0.001	11	557	1110	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 19:53:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1454735	1	Standard
⌊	**Be**	**9**	**50.950**	ug/L	1.021	2	100	398827	1	Standard
	C	**13**		ug/L			36575	36420	1	Standard
	Cl	**37**		ug/L			7672561	8101240	1	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1894550	0	Standard
⌈	**Cr**	**52**	**49.320**	ug/L	1.132	2	27644	1606768	1	Standard
⌊	**Cr**	**53**	**47.880**	ug/L	1.225	2	500	186854	2	Standard
⌊	**Mn**	**55**	**48.627**	ug/L	0.870	1	908	2355281	1	Standard
⌈>	**Ge**	**72**		ug/L			101898	102553	0	KED
⌈	**Ni**	**60**	**47.555**	ug/L	0.522	1	24	92058	0	KED
⌊	**Ni**	**62**	**47.851**	ug/L	0.360	0	6	15216	1	KED
⌈	**Cu**	**63**	**48.251**	ug/L	0.154	0	136	269895	0	KED
⌊	**Cu**	**65**	**48.547**	ug/L	1.226	2	65	133731	1	KED
⌈	**Zn**	**66**	**47.909**	ug/L	0.751	1	234	37209	1	KED
⌊	**Zn**	**67**	**48.737**	ug/L	0.157	0	38	6239	0	KED
⌈	**As**	**75**	**48.787**	ug/L	0.079	0	4	18173	1	KED
⌊	**Se**	**78**	**48.978**	ug/L	0.788	1	15	2080	1	KED
	Y	**89**		ug/L			889360	901107	1	Standard
	Kr	**83**		ug/L			393	347	6	Standard
⌈>	**In-1**	**115**		ug/L			28818	28071	0	KED
⌈	**Cd**	**111**	**49.487**	ug/L	1.231	2	2	20378	1	KED
⌊	**Cd**	**114**	**49.135**	ug/L	0.571	1	2	52450	0	KED
⌈>	**In**	**115**		ug/L			1701580	1464772	0	Standard
⌈	**Ag**	**107**	**49.782**	ug/L	0.470	0	48	930902	1	Standard
⌈	**Sb**	**121**	**46.378**	ug/L	1.117	2	99	972673	1	Standard
⌊	**Sb**	**123**	**47.175**	ug/L	0.797	1	75	762966	0	Standard
⌈	**Ba**	**135**	**52.721**	ug/L	0.518	0	76	380604	0	Standard
⌊	**Ba**	**137**	**52.644**	ug/L	1.362	2	96	665565	1	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2953350	0	Standard
⌈	**Tl**	**205**	**48.971**	ug/L	0.321	0	78	4769387	0	Standard
⌊	**Pb**	**208**	**47.979**	ug/L	0.313	0	557	6167127	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 12, 2021 20:02:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1659885	1369307	10	Standard
⌊	**Be**	**9**	**0.008**	ug/L	0.003	35	100	141	7	Standard
	C	**13**		ug/L			36575	33746	1	Standard
	Cl	**37**		ug/L			7672561	7744157	2	Standard
⌈>	**Sc**	**45**		ug/L			1899052	1783420	9	Standard
⌈	**Cr**	**52**	**0.066**	ug/L	0.081	122	27644	27794	1	Standard
⌊	**Cr**	**53**	**-0.003**	ug/L	0.008	283	500	457	6	Standard
	Mn	**55**	**0.007**	ug/L	0.003	47	908	1159	2	Standard
⌈>	**Ge**	**72**		ug/L			101898	100067	0	KED
⌈	**Ni**	**60**	**0.002**	ug/L	0.003	130	24	28	20	KED
⌊	**Ni**	**62**	**0.000**	ug/L	0.003	875	6	6	15	KED
⌈	**Cu**	**63**	**0.001**	ug/L	0.003	259	136	140	12	KED
⌊	**Cu**	**65**	**0.002**	ug/L	0.003	176	65	68	11	KED
⌈	**Zn**	**66**	**0.130**	ug/L	0.008	6	234	328	2	KED
⌊	**Zn**	**67**	**0.205**	ug/L	0.136	66	38	63	26	KED
⌈	**As**	**75**	**-0.000**	ug/L	0.004	2163	4	4	31	KED
⌊	**Se**	**78**	**-0.043**	ug/L	0.042	99	15	13	12	KED
	Y	**89**		ug/L			889360	848850	9	Standard
	Kr	**83**		ug/L			393	351	2	Standard
⌈>	**In-1**	**115**		ug/L			28818	28725	1	KED
⌈	**Cd**	**111**	**0.003**	ug/L	0.005	156	2	4	48	KED
⌊	**Cd**	**114**	**0.006**	ug/L	0.002	33	2	8	25	KED
⌈>	**In**	**115**		ug/L			1701580	1396124	10	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	47	48	81	15	Standard
⌈	**Sb**	**121**	**0.067**	ug/L	0.008	11	99	1417	2	Standard
⌊	**Sb**	**123**	**0.068**	ug/L	0.009	13	75	1104	1	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.001	32	76	76	5	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.001	22	96	120	3	Standard
⌈>	**Tb**	**159**		ug/L			2741949	2722298	8	Standard
⌈	**Tl**	**205**	**0.004**	ug/L	0.001	14	78	462	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	58	557	716	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 20:10:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1659885	1428460	2	Standard
	Be	**9**	**0.006**	ug/L	0.003	44	100	130	16	Standard
	C	**13**		ug/L			36575	33623	1	Standard
	Cl	**37**		ug/L			7672561	7626061	1	Standard
>	**Sc**	**45**		ug/L			1899052	1866778	0	Standard
	Cr	**52**	**0.050**	ug/L	0.005	10	27644	28765	0	Standard
	Cr	**53**	**-0.013**	ug/L	0.006	44	500	440	4	Standard
	Mn	**55**	**0.004**	ug/L	0.001	36	908	1080	5	Standard
>	**Ge**	**72**		ug/L			101898	101170	2	KED
	Ni	**60**	**0.002**	ug/L	0.003	154	24	28	20	KED
	Ni	**62**	**0.000**	ug/L	0.003	2417	6	6	15	KED
	Cu	**63**	**-0.000**	ug/L	0.003	1544	136	134	13	KED
	Cu	**65**	**0.002**	ug/L	0.003	109	65	71	11	KED
	Zn	**66**	**0.101**	ug/L	0.011	10	234	310	3	KED
	Zn	**67**	**0.089**	ug/L	0.059	66	38	49	13	KED
	As	**75**	**-0.001**	ug/L	0.004	451	4	4	30	KED
	Se	**78**	**0.024**	ug/L	0.024	99	15	16	6	KED
	Y	**89**		ug/L			889360	877680	0	Standard
	Kr	**83**		ug/L			393	376	3	Standard
>	**In-1**	**115**		ug/L			28818	28661	0	KED
	Cd	**111**	**0.011**	ug/L	0.011	101	2	7	61	KED
	Cd	**114**	**0.009**	ug/L	0.006	71	2	11	58	KED
>	**In**	**115**		ug/L			1701580	1467398	1	Standard
	Ag	**107**	**0.001**	ug/L	0.000	33	48	62	9	Standard
	Sb	**121**	**0.025**	ug/L	0.001	2	99	603	0	Standard
	Sb	**123**	**0.029**	ug/L	0.003	10	75	533	8	Standard
	Ba	**135**	**0.001**	ug/L	0.001	71	76	71	6	Standard
	Ba	**137**	**0.005**	ug/L	0.001	10	96	146	3	Standard
>	**Tb**	**159**		ug/L			2741949	2814551	1	Standard
	Tl	**205**	**0.002**	ug/L	0.000	16	78	270	10	Standard
	Pb	**208**	**0.001**	ug/L	0.000	13	557	722	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 20:16:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L				1489558	1	Standard
⌊	**Be**	**9**		ug/L				106	5	Standard
	C	**13**		ug/L				33459	1	Standard
	Cl	**37**		ug/L				7741297	0	Standard
⌈>	**Sc**	**45**		ug/L				1887978	0	Standard
⌈	**Cr**	**52**		ug/L				28380	1	Standard
⌊	**Cr**	**53**		ug/L				465	3	Standard
⌊	**Mn**	**55**		ug/L				1023	4	Standard
⌈>	**Ge**	**72**		ug/L				101459	0	KED
⌈	**Ni**	**60**		ug/L				26	18	KED
⌊	**Ni**	**62**		ug/L				5	78	KED
⌈	**Cu**	**63**		ug/L				142	18	KED
⌊	**Cu**	**65**		ug/L				70	16	KED
⌈	**Zn**	**66**		ug/L				239	1	KED
⌊	**Zn**	**67**		ug/L				44	23	KED
⌈	**As**	**75**		ug/L				4	24	KED
⌊	**Se**	**78**		ug/L				14	4	KED
	Y	**89**		ug/L				908949	0	Standard
	Kr	**83**		ug/L				331	6	Standard
⌈>	**In-1**	**115**		ug/L				28664	1	KED
⌈	**Cd**	**111**		ug/L				2	66	KED
⌊	**Cd**	**114**		ug/L				6	58	KED
⌈>	**In**	**115**		ug/L				1504071	0	Standard
⌈	**Ag**	**107**		ug/L				55	34	Standard
⌈	**Sb**	**121**		ug/L				384	5	Standard
⌊	**Sb**	**123**		ug/L				306	6	Standard
⌈	**Ba**	**135**		ug/L				67	14	Standard
⌊	**Ba**	**137**		ug/L				109	18	Standard
⌈>	**Tb**	**159**		ug/L				2872466	1	Standard
⌈	**Tl**	**205**		ug/L				205	13	Standard
⌊	**Pb**	**208**		ug/L				585	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 20:21:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1489558	1406042	0	Standard
	Be	**9**	**51.249**	ug/L	0.998	1	106	387833	1	Standard
	C	**13**		ug/L			33459	36276	1	Standard
	Cl	**37**		ug/L			7741297	8134533	2	Standard
>	**Sc**	**45**		ug/L			1887978	1849969	1	Standard
	Cr	**52**	**50.345**	ug/L	1.149	2	28380	1601642	0	Standard
	Cr	**53**	**48.798**	ug/L	0.434	0	465	185909	1	Standard
	Mn	**55**	**49.780**	ug/L	1.406	2	1023	2353931	1	Standard
>	**Ge**	**72**		ug/L			101459	100088	0	KED
	Ni	**60**	**47.745**	ug/L	0.474	0	26	90209	0	KED
	Ni	**62**	**47.214**	ug/L	0.712	1	5	14651	1	KED
	Cu	**63**	**47.807**	ug/L	0.398	0	142	260989	0	KED
	Cu	**65**	**47.985**	ug/L	0.494	1	70	129026	0	KED
	Zn	**66**	**47.968**	ug/L	0.444	0	239	36366	0	KED
	Zn	**67**	**48.134**	ug/L	1.382	2	44	6020	2	KED
	As	**75**	**48.874**	ug/L	0.314	0	4	17767	0	KED
	Se	**78**	**49.432**	ug/L	0.538	1	14	2048	0	KED
	Y	**89**		ug/L			908949	875152	2	Standard
	Kr	**83**		ug/L			331	351	2	Standard
>	**In-1**	**115**		ug/L			28664	27752	2	KED
	Cd	**111**	**49.730**	ug/L	0.825	1	2	20241	0	KED
	Cd	**114**	**48.805**	ug/L	0.769	1	6	51500	0	KED
>	**In**	**115**		ug/L			1504071	1405982	1	Standard
	Ag	**107**	**52.029**	ug/L	1.948	3	55	933507	2	Standard
	Sb	**121**	**48.103**	ug/L	1.312	2	384	968540	1	Standard
	Sb	**123**	**48.611**	ug/L	1.063	2	306	754777	0	Standard
	Ba	**135**	**54.570**	ug/L	1.157	2	67	378104	1	Standard
	Ba	**137**	**54.797**	ug/L	1.110	2	109	664961	0	Standard
>	**Tb**	**159**		ug/L			2872466	2886752	1	Standard
	Tl	**205**	**50.183**	ug/L	0.560	1	205	4776902	0	Standard
	Pb	**208**	**48.798**	ug/L	0.508	1	585	6130510	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 20:28:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1489558	1448494	1	Standard
	Be	**9**	**0.002**	ug/L	0.001	38	106	116	2	Standard
	C	**13**		ug/L			33459	33739	1	Standard
	Cl	**37**		ug/L			7741297	8026639	1	Standard
>	**Sc**	**45**		ug/L			1887978	1863461	1	Standard
	Cr	**52**	**-0.003**	ug/L	0.014	468	28380	27912	0	Standard
	Cr	**53**	**-0.006**	ug/L	0.005	80	465	436	3	Standard
	Mn	**55**	**0.001**	ug/L	0.000	47	1023	1044	0	Standard
>	**Ge**	**72**		ug/L			101459	98313	2	KED
	Ni	**60**	**0.004**	ug/L	0.001	26	26	33	3	KED
	Ni	**62**	**0.007**	ug/L	0.008	114	5	6	31	KED
	Cu	**63**	**0.001**	ug/L	0.005	310	142	145	15	KED
	Cu	**65**	**-0.001**	ug/L	0.001	84	70	64	5	KED
	Zn	**66**	**0.026**	ug/L	0.036	138	239	251	12	KED
	Zn	**67**	**-0.020**	ug/L	0.025	120	44	40	9	KED
	As	**75**	**0.005**	ug/L	0.002	35	4	5	12	KED
	Se	**78**	**0.021**	ug/L	0.107	512	14	14	27	KED
	Y	**89**		ug/L			908949	881939	0	Standard
	Kr	**83**		ug/L			331	344	3	Standard
>	**In-1**	**115**		ug/L			28664	27704	0	KED
	Cd	**111**	**0.000**	ug/L	0.002	1020	2	2	33	KED
	Cd	**114**	**-0.000**	ug/L	0.001	305	6	6	16	KED
>	**In**	**115**		ug/L			1504071	1458995	0	Standard
	Ag	**107**	**0.001**	ug/L	0.000	39	55	77	12	Standard
	Sb	**121**	**0.037**	ug/L	0.006	17	384	1142	12	Standard
	Sb	**123**	**0.037**	ug/L	0.004	10	306	890	7	Standard
	Ba	**135**	**-0.001**	ug/L	0.001	117	67	60	9	Standard
	Ba	**137**	**0.001**	ug/L	0.001	108	109	119	11	Standard
>	**Tb**	**159**		ug/L			2872466	2798402	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	15	205	384	8	Standard
	Pb	**208**	**0.000**	ug/L	0.000	144	585	595	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0193-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 12, 2021 20:34:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1489558	1442540	0	Standard
⌊	Be	9	-0.001	ug/L	0.001	159	106	99	6	Standard
	C	13		ug/L			33459	42724	1	Standard
	Cl	37		ug/L			7741297	7810955	1	Standard
⌈>	Sc	45		ug/L			1887978	1859025	1	Standard
⌈	Cr	52	0.050	ug/L	0.016	31	28380	29509	1	Standard
⌊	Cr	53	0.009	ug/L	0.001	13	465	492	1	Standard
⌊	Mn	55	0.009	ug/L	0.001	5	1023	1432	1	Standard
⌈>	Ge	72		ug/L			101459	98605	2	KED
⌈	Ni	60	0.005	ug/L	0.002	51	26	34	11	KED
⌊	Ni	62	0.004	ug/L	0.019	428	5	6	91	KED
⌈	Cu	63	0.012	ug/L	0.003	22	142	200	9	KED
⌊	Cu	65	0.013	ug/L	0.005	41	70	102	12	KED
⌈	Zn	66	0.027	ug/L	0.028	105	239	252	10	KED
⌊	Zn	67	-0.051	ug/L	0.091	177	44	36	28	KED
⌈	As	75	0.002	ug/L	0.005	282	4	4	36	KED
⌊	Se	78	0.028	ug/L	0.028	96	14	15	5	KED
	Y	89		ug/L			908949	889997	1	Standard
	Kr	83		ug/L			331	354	2	Standard
⌈>	In-1	115		ug/L			28664	28094	0	KED
⌈	Cd	111	0.008	ug/L	0.007	94	2	6	50	KED
⌊	Cd	114	-0.003	ug/L	0.002	64	6	3	53	KED
⌈>	In	115		ug/L			1504071	1453253	0	Standard
⌈	Ag	107	0.000	ug/L	0.000	111	55	62	14	Standard
⌈	Sb	121	0.005	ug/L	0.001	10	384	484	2	Standard
⌊	Sb	123	0.007	ug/L	0.001	18	306	401	5	Standard
⌈	Ba	135	0.004	ug/L	0.001	14	67	91	3	Standard
⌊	Ba	137	0.004	ug/L	0.001	21	109	160	7	Standard
⌈>	Tb	159		ug/L			2872466	2799387	1	Standard
⌈	Tl	205	0.001	ug/L	0.000	31	205	307	11	Standard
⌊	Pb	208	0.004	ug/L	0.000	4	585	1046	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0193-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 12, 2021 20:38:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1470402	0	Standard
	Be	9	22.637	ug/L	0.344	1	106	179215	1	Standard
	C	13		ug/L			33459	41528	1	Standard
	Cl	37		ug/L			7741297	7938225	1	Standard
>	Sc	45		ug/L			1887978	1857482	0	Standard
	Cr	52	23.857	ug/L	0.145	0	28380	776926	0	Standard
	Cr	53	22.891	ug/L	0.160	0	465	87809	0	Standard
	Mn	55	23.873	ug/L	0.332	1	1023	1134302	1	Standard
>	Ge	72		ug/L			101459	99030	0	KED
	Ni	60	22.777	ug/L	0.409	1	26	42594	1	KED
	Ni	62	22.730	ug/L	0.701	3	5	6981	2	KED
	Cu	63	23.436	ug/L	0.287	1	142	126660	1	KED
	Cu	65	23.368	ug/L	0.372	1	70	62204	1	KED
	Zn	66	70.674	ug/L	0.338	0	239	52904	0	KED
	Zn	67	67.867	ug/L	0.401	0	44	8380	0	KED
	As	75	22.508	ug/L	0.214	0	4	8098	0	KED
	Se	78	71.787	ug/L	1.138	1	14	2937	1	KED
	Y	89		ug/L			908949	884940	0	Standard
	Kr	83		ug/L			331	316	1	Standard
>	In-1	115		ug/L			28664	27217	2	KED
	Cd	111	23.351	ug/L	0.260	1	2	9323	0	KED
	Cd	114	23.142	ug/L	0.359	1	6	23954	0	KED
>	In	115		ug/L			1504071	1450512	0	Standard
	Ag	107	23.890	ug/L	0.701	2	55	442342	2	Standard
	Sb	121	21.784	ug/L	0.246	1	384	452806	0	Standard
	Sb	123	21.877	ug/L	0.605	2	306	350654	2	Standard
	Ba	135	24.660	ug/L	0.101	0	67	176339	0	Standard
	Ba	137	24.456	ug/L	0.660	2	109	306260	2	Standard
>	Tb	159		ug/L			2872466	2824711	1	Standard
	Tl	205	25.024	ug/L	0.108	0	205	2331071	0	Standard
	Pb	208	22.140	ug/L	0.246	1	585	2721945	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0251-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 20:44:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1422724	2	Standard
	Be	9	0.004	ug/L	0.003	79	106	129	17	Standard
	C	13		ug/L			33459	48085	0	Standard
	Cl	37		ug/L			7741297	7815410	1	Standard
>	Sc	45		ug/L			1887978	1825717	1	Standard
	Cr	52	0.046	ug/L	0.012	26	28380	28852	1	Standard
	Cr	53	0.033	ug/L	0.004	13	465	575	1	Standard
	Mn	55	0.022	ug/L	0.000	2	1023	2029	2	Standard
>	Ge	72		ug/L			101459	97570	1	KED
	Ni	60	0.005	ug/L	0.004	88	26	34	22	KED
	Ni	62	0.015	ug/L	0.013	83	5	9	40	KED
	Cu	63	0.007	ug/L	0.002	21	142	175	4	KED
	Cu	65	0.005	ug/L	0.003	65	70	80	8	KED
	Zn	66	-0.081	ug/L	0.044	53	239	170	17	KED
	Zn	67	-0.118	ug/L	0.059	49	44	28	26	KED
	As	75	0.000	ug/L	0.004	8222	4	3	36	KED
	Se	78	0.030	ug/L	0.118	401	14	15	29	KED
	Y	89		ug/L			908949	875862	2	Standard
	Kr	83		ug/L			331	351	6	Standard
>	In-1	115		ug/L			28664	27267	1	KED
	Cd	111	0.003	ug/L	0.006	229	2	3	66	KED
	Cd	114	-0.000	ug/L	0.002	641	6	6	37	KED
>	In	115		ug/L			1504071	1434046	2	Standard
	Ag	107	0.001	ug/L	0.000	30	55	72	6	Standard
	Sb	121	0.015	ug/L	0.002	10	384	672	5	Standard
	Sb	123	0.015	ug/L	0.001	4	306	525	3	Standard
	Ba	135	-0.000	ug/L	0.000	80	67	61	6	Standard
	Ba	137	-0.000	ug/L	0.001	227	109	99	13	Standard
>	Tb	159		ug/L			2872466	2775440	0	Standard
	Tl	205	0.001	ug/L	0.000	29	205	290	9	Standard
	Pb	208	0.000	ug/L	0.000	75	585	601	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0251-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 20:48:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1416101	2	Standard
	Be	9	26.067	ug/L	0.773	2	106	198640	1	Standard
	C	13		ug/L			33459	52352	1	Standard
	Cl	37		ug/L			7741297	8177343	0	Standard
>	Sc	45		ug/L			1887978	1828598	2	Standard
	Cr	52	25.726	ug/L	0.197	0	28380	822504	2	Standard
	Cr	53	25.116	ug/L	0.383	1	465	94779	1	Standard
	Mn	55	25.980	ug/L	0.831	3	1023	1214415	0	Standard
>	Ge	72		ug/L			101459	96948	0	KED
	Ni	60	24.510	ug/L	0.174	0	26	44869	0	KED
	Ni	62	24.517	ug/L	0.409	1	5	7372	1	KED
	Cu	63	24.618	ug/L	0.195	0	142	130245	0	KED
	Cu	65	24.855	ug/L	0.136	0	70	64770	0	KED
	Zn	66	80.254	ug/L	0.601	0	239	58782	0	KED
	Zn	67	75.742	ug/L	0.587	0	44	9152	1	KED
	As	75	24.857	ug/L	0.168	0	4	8755	0	KED
	Se	78	80.241	ug/L	0.936	1	14	3212	1	KED
	Y	89		ug/L			908949	887783	0	Standard
	Kr	83		ug/L			331	320	5	Standard
>	In-1	115		ug/L			28664	27026	0	KED
	Cd	111	25.585	ug/L	0.631	2	2	10145	2	KED
	Cd	114	25.345	ug/L	0.228	0	6	26053	0	KED
>	In	115		ug/L			1504071	1396349	2	Standard
	Ag	107	25.690	ug/L	0.455	1	55	457833	0	Standard
	Sb	121	23.842	ug/L	0.483	2	384	476910	0	Standard
	Sb	123	24.150	ug/L	1.144	4	306	372345	2	Standard
	Ba	135	27.562	ug/L	0.749	2	67	189640	0	Standard
	Ba	137	27.445	ug/L	0.733	2	109	330741	0	Standard
>	Tb	159		ug/L			2872466	2857179	0	Standard
	Tl	205	26.199	ug/L	0.425	1	205	2468632	1	Standard
	Pb	208	23.099	ug/L	0.225	0	585	2872789	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0398-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 20:53:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1342299	0	Standard
	Be	9	0.002	ug/L	0.001	59	106	109	7	Standard
	C	13		ug/L			33459	85670	1	Standard
	Cl	37		ug/L			7741297	10550009	1	Standard
>	Sc	45		ug/L			1887978	1893260	1	Standard
	Cr	52	0.995	ug/L	0.016	1	28380	60301	1	Standard
	Cr	53	5.214	ug/L	0.037	0	465	20749	1	Standard
	Mn	55	22.300	ug/L	0.126	0	1023	1079981	0	Standard
>	Ge	72		ug/L			101459	87106	0	KED
	Ni	60	3.146	ug/L	0.040	1	26	5194	1	KED
	Ni	62	3.105	ug/L	0.105	3	5	842	2	KED
	Cu	63	1.146	ug/L	0.008	0	142	5563	0	KED
	Cu	65	1.183	ug/L	0.032	2	70	2826	2	KED
	Zn	66	19.492	ug/L	0.135	0	239	12983	0	KED
	Zn	67	22.465	ug/L	0.629	2	44	2465	2	KED
	As	75	0.485	ug/L	0.022	4	4	157	5	KED
	Se	78	0.208	ug/L	0.120	57	14	20	21	KED
	Y	89		ug/L			908949	845955	1	Standard
	Kr	83		ug/L			331	347	10	Standard
>	In-1	115		ug/L			28664	25105	2	KED
	Cd	111	0.005	ug/L	0.006	104	2	4	44	KED
	Cd	114	0.001	ug/L	0.002	205	6	6	24	KED
>	In	115		ug/L			1504071	1243717	1	Standard
	Ag	107	0.002	ug/L	0.001	26	55	85	10	Standard
	Sb	121	0.314	ug/L	0.013	4	384	5901	2	Standard
	Sb	123	0.321	ug/L	0.003	1	306	4661	1	Standard
	Ba	135	73.661	ug/L	0.916	1	67	451471	0	Standard
	Ba	137	72.668	ug/L	1.094	1	109	780042	0	Standard
>	Tb	159		ug/L			2872466	2709351	0	Standard
	Tl	205	0.002	ug/L	0.000	18	205	361	8	Standard
	Pb	208	0.314	ug/L	0.003	1	585	37573	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0432-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 12, 2021 21:01:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1487455	1	Standard
	Be	9	0.490	ug/L	0.012	2	106	4029	1	Standard
	C	13		ug/L			33459	56176	1	Standard
	Cl	37		ug/L			7741297	7894901	1	Standard
>	Sc	45		ug/L			1887978	1966496	0	Standard
	Cr	52	17.887	ug/L	0.076	0	28380	624082	0	Standard
	Cr	53	17.827	ug/L	0.382	2	465	72507	2	Standard
	Mn	55	82.790	ug/L	0.515	0	1023	4161888	0	Standard
>	Ge	72		ug/L			101459	95900	1	KED
	Ni	60	5.634	ug/L	0.127	2	26	10221	2	KED
	Ni	62	5.753	ug/L	0.079	1	5	1715	2	KED
	Cu	63	2.498	ug/L	0.024	0	142	13194	0	KED
	Cu	65	2.453	ug/L	0.021	0	70	6382	0	KED
	Zn	66	15.687	ug/L	0.380	2	239	11545	1	KED
	Zn	67	15.808	ug/L	0.114	0	44	1922	1	KED
	As	75	5.045	ug/L	0.090	1	4	1760	1	KED
	Se	78	1.385	ug/L	0.120	8	14	68	6	KED
	Y	89		ug/L			908949	1374040	2	Standard
	Kr	83		ug/L			331	441	11	Standard
>	In-1	115		ug/L			28664	27727	2	KED
	Cd	111	0.070	ug/L	0.004	6	2	31	3	KED
	Cd	114	0.053	ug/L	0.006	10	6	61	7	KED
>	In	115		ug/L			1504071	1412325	1	Standard
	Ag	107	0.027	ug/L	0.001	5	55	545	3	Standard
	Sb	121	-0.008	ug/L	0.001	7	384	189	8	Standard
	Sb	123	-0.008	ug/L	0.001	12	306	156	9	Standard
	Ba	135	12.220	ug/L	0.083	0	67	85113	0	Standard
	Ba	137	12.109	ug/L	0.084	0	109	147704	0	Standard
>	Tb	159		ug/L			2872466	3032018	0	Standard
	Tl	205	0.071	ug/L	0.002	2	205	7321	2	Standard
	Pb	208	4.310	ug/L	0.022	0	585	569374	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0193-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 12, 2021 21:05:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1489558	1412649	0	Standard
⌊	Be	9	0.472	ug/L	0.009	1	106	3688	1	Standard
	C	13		ug/L			33459	54753	0	Standard
	Cl	37		ug/L			7741297	7596036	0	Standard
⌈>	Sc	45		ug/L			1887978	1925553	1	Standard
⌈	Cr	52	16.892	ug/L	0.194	1	28380	578696	0	Standard
⌊	Cr	53	16.844	ug/L	0.277	1	465	67110	1	Standard
⌊	Mn	55	80.719	ug/L	1.405	1	1023	3973736	2	Standard
⌈>	Ge	72		ug/L			101459	96478	0	KED
⌈	Ni	60	5.300	ug/L	0.038	0	26	9675	0	KED
⌊	Ni	62	5.318	ug/L	0.085	1	5	1595	1	KED
⌈	Cu	63	2.360	ug/L	0.027	1	142	12549	0	KED
⌊	Cu	65	2.398	ug/L	0.002	0	70	6280	0	KED
⌈	Zn	66	16.110	ug/L	0.398	2	239	11924	2	KED
⌊	Zn	67	16.098	ug/L	0.256	1	44	1969	1	KED
⌈	As	75	5.043	ug/L	0.013	0	4	1770	0	KED
⌊	Se	78	1.164	ug/L	0.157	13	14	60	10	KED
	Y	89		ug/L			908949	1319180	0	Standard
	Kr	83		ug/L			331	410	2	Standard
⌈>	In-1	115		ug/L			28664	26852	1	KED
⌈	Cd	111	0.042	ug/L	0.006	14	2	19	11	KED
⌊	Cd	114	0.040	ug/L	0.008	20	6	47	16	KED
⌈>	In	115		ug/L			1504071	1418898	2	Standard
⌈	Ag	107	0.027	ug/L	0.001	3	55	540	1	Standard
⌈	Sb	121	-0.011	ug/L	0.001	11	384	134	22	Standard
⌊	Sb	123	-0.011	ug/L	0.000	1	306	109	4	Standard
⌈	Ba	135	11.276	ug/L	0.280	2	67	78885	0	Standard
⌊	Ba	137	11.444	ug/L	0.258	2	109	140214	1	Standard
⌈>	Tb	159		ug/L			2872466	3029077	0	Standard
⌈	Tl	205	0.067	ug/L	0.002	3	205	6958	3	Standard
⌊	Pb	208	4.108	ug/L	0.026	0	585	542119	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0193-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 12, 2021 21:10:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1470706	1	Standard
	Be	9	21.452	ug/L	0.607	2	106	169810	1	Standard
	C	13		ug/L			33459	53423	0	Standard
	Cl	37		ug/L			7741297	7689024	1	Standard
>	Sc	45		ug/L			1887978	1980533	0	Standard
	Cr	52	39.541	ug/L	0.945	2	28380	1353622	3	Standard
	Cr	53	38.293	ug/L	0.179	0	465	156302	1	Standard
	Mn	55	104.447	ug/L	0.946	0	1023	5288123	1	Standard
>	Ge	72		ug/L			101459	98580	1	KED
	Ni	60	26.983	ug/L	0.117	0	26	50225	1	KED
	Ni	62	26.165	ug/L	0.713	2	5	7997	1	KED
	Cu	63	23.415	ug/L	0.419	1	142	125956	1	KED
	Cu	65	23.501	ug/L	0.351	1	70	62268	0	KED
	Zn	66	81.235	ug/L	2.349	2	239	60487	2	KED
	Zn	67	77.609	ug/L	1.856	2	44	9532	1	KED
	As	75	25.303	ug/L	0.471	1	4	9060	0	KED
	Se	78	68.624	ug/L	1.047	1	14	2795	1	KED
	Y	89		ug/L			908949	1356216	1	Standard
	Kr	83		ug/L			331	429	3	Standard
>	In-1	115		ug/L			28664	27255	1	KED
	Cd	111	21.643	ug/L	0.212	0	2	8655	1	KED
	Cd	114	21.547	ug/L	0.292	1	6	22339	2	KED
>	In	115		ug/L			1504071	1443858	0	Standard
	Ag	107	11.671	ug/L	0.275	2	55	215157	2	Standard
	Sb	121	0.056	ug/L	0.001	1	384	1528	0	Standard
	Sb	123	0.057	ug/L	0.002	3	306	1195	3	Standard
	Ba	135	35.732	ug/L	0.499	1	67	254297	0	Standard
	Ba	137	35.382	ug/L	0.506	1	109	441015	0	Standard
>	Tb	159		ug/L			2872466	3067079	0	Standard
	Tl	205	18.398	ug/L	0.228	1	205	1860867	0	Standard
	Pb	208	23.321	ug/L	0.325	1	585	3113220	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0193-MSD1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 12, 2021 21:14:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1489558	1472857	1	Standard
[	Be	9	20.755	ug/L	0.523	2	106	164540	0	Standard
	C	13		ug/L			33459	52802	1	Standard
	Cl	37		ug/L			7741297	7744842	1	Standard
[>	Sc	45		ug/L			1887978	1984629	0	Standard
[	Cr	52	38.152	ug/L	0.966	2	28380	1309741	3	Standard
[	Cr	53	36.634	ug/L	0.501	1	465	149849	1	Standard
[	Mn	55	104.920	ug/L	1.705	1	1023	5322997	2	Standard
[>	Ge	72		ug/L			101459	97038	0	KED
[	Ni	60	26.111	ug/L	0.423	1	26	47838	0	KED
[	Ni	62	25.945	ug/L	0.192	0	5	7807	0	KED
[	Cu	63	22.740	ug/L	0.396	1	142	120419	0	KED
[	Cu	65	22.643	ug/L	0.522	2	70	59059	1	KED
[	Zn	66	79.827	ug/L	1.084	1	239	58520	0	KED
[	Zn	67	77.110	ug/L	1.023	1	44	9324	0	KED
[	As	75	24.512	ug/L	0.200	0	4	8641	0	KED
[	Se	78	66.247	ug/L	1.693	2	14	2656	1	KED
	Y	89		ug/L			908949	1347072	0	Standard
	Kr	83		ug/L			331	427	4	Standard
[>	In-1	115		ug/L			28664	27145	0	KED
[	Cd	111	20.514	ug/L	0.503	2	2	8169	1	KED
[	Cd	114	20.872	ug/L	0.123	0	6	21552	1	KED
[>	In	115		ug/L			1504071	1432065	0	Standard
[	Ag	107	10.990	ug/L	0.168	1	55	200933	1	Standard
[	Sb	121	0.044	ug/L	0.002	3	384	1265	1	Standard
[	Sb	123	0.042	ug/L	0.001	2	306	954	1	Standard
[	Ba	135	34.236	ug/L	0.250	0	67	241685	1	Standard
[	Ba	137	34.216	ug/L	0.472	1	109	423003	0	Standard
[>	Tb	159		ug/L			2872466	3046242	0	Standard
[	Tl	205	17.409	ug/L	0.259	1	205	1748980	1	Standard
[	Pb	208	22.584	ug/L	0.154	0	585	2994504	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0193-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 12, 2021 21:19:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1489558	1444416	1	Standard
⌊	Be	9	24.627	ug/L	0.464	1	106	191486	1	Standard
	C	13		ug/L			33459	59094	0	Standard
	Cl	37		ug/L			7741297	7570835	3	Standard
⌈>	Sc	45		ug/L			1887978	1937839	0	Standard
⌈	Cr	52	41.257	ug/L	0.690	1	28380	1380554	2	Standard
⌊	Cr	53	40.290	ug/L	0.666	1	465	160877	1	Standard
⌊	Mn	55	106.340	ug/L	2.042	1	1023	5268036	2	Standard
⌈>	Ge	72		ug/L			101459	97525	1	KED
⌈	Ni	60	28.919	ug/L	0.342	1	26	53256	2	KED
⌊	Ni	62	28.761	ug/L	1.021	3	5	8697	3	KED
⌈	Cu	63	26.336	ug/L	0.225	0	142	140150	0	KED
⌊	Cu	65	26.094	ug/L	0.323	1	70	68394	0	KED
⌈	Zn	66	90.318	ug/L	1.409	1	239	66510	0	KED
⌊	Zn	67	86.545	ug/L	1.454	1	44	10512	1	KED
⌈	As	75	28.759	ug/L	0.565	1	4	10187	0	KED
⌊	Se	78	77.680	ug/L	1.170	1	14	3128	0	KED
	Y	89		ug/L			908949	1344581	0	Standard
	Kr	83		ug/L			331	420	5	Standard
⌈>	In-1	115		ug/L			28664	26752	2	KED
⌈	Cd	111	24.389	ug/L	0.676	2	2	9568	0	KED
⌊	Cd	114	24.684	ug/L	0.562	2	6	25108	0	KED
⌈>	In	115		ug/L			1504071	1453069	1	Standard
⌈	Ag	107	23.809	ug/L	0.351	1	55	441591	0	Standard
⌈	Sb	121	22.384	ug/L	0.709	3	384	465960	1	Standard
⌊	Sb	123	22.552	ug/L	0.488	2	306	362055	1	Standard
⌈	Ba	135	36.429	ug/L	0.803	2	67	260869	0	Standard
⌊	Ba	137	36.569	ug/L	0.723	1	109	458640	0	Standard
⌈>	Tb	159		ug/L			2872466	3008564	1	Standard
⌈	Tl	205	24.381	ug/L	0.123	0	205	2418983	0	Standard
⌊	Pb	208	25.288	ug/L	0.133	0	585	3311367	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 21:27:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1489558	1388111	2	Standard
⌊	**Be**	**9**	**50.644**	ug/L	1.207	2	106	378242	0	Standard
	C	**13**		ug/L			33459	35124	2	Standard
	Cl	**37**		ug/L			7741297	7992963	1	Standard
⌈>	**Sc**	**45**		ug/L			1887978	1813592	1	Standard
⌈	**Cr**	**52**	**50.440**	ug/L	0.519	1	28380	1573403	1	Standard
⌊	**Cr**	**53**	**49.410**	ug/L	0.228	0	465	184545	1	Standard
⌊	**Mn**	**55**	**50.996**	ug/L	0.734	1	1023	2364452	0	Standard
⌈>	**Ge**	**72**		ug/L			101459	94518	2	KED
⌈	**Ni**	**60**	**49.217**	ug/L	0.718	1	26	87813	2	KED
⌊	**Ni**	**62**	**49.058**	ug/L	0.366	0	5	14375	1	KED
⌈	**Cu**	**63**	**49.281**	ug/L	0.637	1	142	254015	1	KED
⌊	**Cu**	**65**	**49.733**	ug/L	0.499	1	70	126276	2	KED
⌈	**Zn**	**66**	**49.328**	ug/L	1.025	2	239	35299	0	KED
⌊	**Zn**	**67**	**49.285**	ug/L	0.495	1	44	5820	3	KED
⌈	**As**	**75**	**50.461**	ug/L	0.359	0	4	17322	1	KED
⌊	**Se**	**78**	**49.295**	ug/L	0.883	1	14	1928	0	KED
	Y	**89**		ug/L			908949	882587	0	Standard
	Kr	**83**		ug/L			331	365	14	Standard
⌈>	**In-1**	**115**		ug/L			28664	26969	0	KED
⌈	**Cd**	**111**	**49.443**	ug/L	0.584	1	2	19561	0	KED
⌊	**Cd**	**114**	**49.101**	ug/L	0.752	1	6	50362	1	KED
⌈>	**In**	**115**		ug/L			1504071	1376117	2	Standard
⌈	**Ag**	**107**	**50.625**	ug/L	0.619	1	55	889169	1	Standard
⌈	**Sb**	**121**	**48.055**	ug/L	0.727	1	384	947016	0	Standard
⌊	**Sb**	**123**	**48.375**	ug/L	0.527	1	306	735200	1	Standard
⌈	**Ba**	**135**	**53.567**	ug/L	1.157	2	67	363207	0	Standard
⌊	**Ba**	**137**	**53.920**	ug/L	1.044	1	109	640340	0	Standard
⌈>	**Tb**	**159**		ug/L			2872466	2895820	0	Standard
⌈	**Tl**	**205**	**49.821**	ug/L	0.292	0	205	4757844	0	Standard
⌊	**Pb**	**208**	**47.769**	ug/L	0.413	0	585	6020528	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 21:35:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1489558	1402814	1	Standard
⌊	**Be**	**9**	**-0.002**	ug/L	0.002	83	106	83	18	Standard
	C	**13**		ug/L			33459	32301	1	Standard
	Cl	**37**		ug/L			7741297	7670703	3	Standard
⌈>	**Sc**	**45**		ug/L			1887978	1814817	2	Standard
⌈	**Cr**	**52**	**0.014**	ug/L	0.015	111	28380	27689	1	Standard
⌊	**Cr**	**53**	**-0.011**	ug/L	0.003	26	465	407	3	Standard
	Mn	**55**	**-0.001**	ug/L	0.001	76	1023	940	2	Standard
⌈>	**Ge**	**72**		ug/L			101459	97937	2	KED
⌈	**Ni**	**60**	**0.004**	ug/L	0.003	74	26	33	18	KED
⌊	**Ni**	**62**	**0.026**	ug/L	0.019	75	5	12	45	KED
⌈	**Cu**	**63**	**-0.000**	ug/L	0.004	1737	142	135	13	KED
⌊	**Cu**	**65**	**-0.005**	ug/L	0.001	25	70	55	7	KED
⌈	**Zn**	**66**	**0.003**	ug/L	0.043	1333	239	233	14	KED
⌊	**Zn**	**67**	**-0.050**	ug/L	0.044	87	44	36	15	KED
⌈	**As**	**75**	**0.007**	ug/L	0.010	142	4	6	54	KED
⌊	**Se**	**78**	**0.118**	ug/L	0.058	48	14	18	10	KED
	Y	**89**		ug/L			908949	869914	1	Standard
	Kr	**83**		ug/L			331	304	7	Standard
⌈>	**In-1**	**115**		ug/L			28664	26996	0	KED
⌈	**Cd**	**111**	**0.001**	ug/L	0.005	414	2	3	62	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	433	6	5	59	KED
⌈>	**In**	**115**		ug/L			1504071	1398318	3	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.001	54	55	77	17	Standard
⌈	**Sb**	**121**	**0.031**	ug/L	0.001	4	384	973	5	Standard
⌊	**Sb**	**123**	**0.033**	ug/L	0.005	14	306	797	8	Standard
⌈	**Ba**	**135**	**0.002**	ug/L	0.001	35	67	76	9	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	74	109	112	6	Standard
⌈>	**Tb**	**159**		ug/L			2872466	2778288	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	8	205	410	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	52	585	664	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0250-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 21:39:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1489558	1443789	1	Standard
⌊	Be	9	-0.001	ug/L	0.001	63	106	94	7	Standard
	C	13		ug/L			33459	49402	1	Standard
	Cl	37		ug/L			7741297	7775263	1	Standard
⌈>	Sc	45		ug/L			1887978	1858535	0	Standard
⌈	Cr	52	0.115	ug/L	0.023	19	28380	31539	2	Standard
⌊	Cr	53	0.074	ug/L	0.011	14	465	740	5	Standard
⌊	Mn	55	0.022	ug/L	0.001	5	1023	2040	2	Standard
⌈>	Ge	72		ug/L			101459	96658	0	KED
⌈	Ni	60	0.001	ug/L	0.005	475	26	27	32	KED
⌊	Ni	62	-0.003	ug/L	0.006	182	5	3	50	KED
⌈	Cu	63	0.019	ug/L	0.003	12	142	238	6	KED
⌊	Cu	65	0.019	ug/L	0.004	21	70	115	9	KED
⌈	Zn	66	-0.121	ug/L	0.010	8	239	139	5	KED
⌊	Zn	67	-0.120	ug/L	0.037	31	44	27	15	KED
⌈	As	75	-0.002	ug/L	0.005	242	4	3	56	KED
⌊	Se	78	0.039	ug/L	0.103	264	14	15	25	KED
	Y	89		ug/L			908949	898661	0	Standard
	Kr	83		ug/L			331	348	3	Standard
⌈>	In-1	115		ug/L			28664	26747	0	KED
⌈	Cd	111	0.004	ug/L	0.010	263	2	4	93	KED
⌊	Cd	114	-0.001	ug/L	0.002	176	6	5	32	KED
⌈>	In	115		ug/L			1504071	1423552	0	Standard
⌈	Ag	107	0.000	ug/L	0.001	161	55	61	22	Standard
⌈	Sb	121	0.009	ug/L	0.003	35	384	542	11	Standard
⌊	Sb	123	0.008	ug/L	0.000	2	306	408	1	Standard
⌈	Ba	135	-0.002	ug/L	0.002	69	67	47	24	Standard
⌊	Ba	137	-0.003	ug/L	0.002	68	109	70	32	Standard
⌈>	Tb	159		ug/L			2872466	2840037	0	Standard
⌈	Tl	205	0.001	ug/L	0.000	11	205	333	4	Standard
⌊	Pb	208	-0.001	ug/L	0.000	49	585	505	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0250-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 21:44:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1489558	1425981	0	Standard
⌊	Be	9	25.769	ug/L	0.546	2	106	197812	1	Standard
	C	13		ug/L			33459	57192	1	Standard
	Cl	37		ug/L			7741297	7953514	1	Standard
⌈>	Sc	45		ug/L			1887978	1859660	0	Standard
⌈	Cr	52	25.815	ug/L	0.096	0	28380	839400	1	Standard
⌊	Cr	53	24.970	ug/L	0.658	2	465	95853	2	Standard
⌊	Mn	55	25.944	ug/L	0.101	0	1023	1234076	0	Standard
⌈>	Ge	72		ug/L			101459	96528	0	KED
⌈	Ni	60	24.606	ug/L	0.173	0	26	44848	0	KED
⌊	Ni	62	24.382	ug/L	0.954	3	5	7297	3	KED
⌈	Cu	63	24.859	ug/L	0.195	0	142	130949	1	KED
⌊	Cu	65	25.080	ug/L	0.139	0	70	65075	1	KED
⌈	Zn	66	80.106	ug/L	0.516	0	239	58422	1	KED
⌊	Zn	67	76.414	ug/L	0.860	1	44	9192	1	KED
⌈	As	75	25.234	ug/L	0.146	0	4	8849	1	KED
⌊	Se	78	79.783	ug/L	0.924	1	14	3180	1	KED
	Y	89		ug/L			908949	901712	1	Standard
	Kr	83		ug/L			331	382	6	Standard
⌈>	In-1	115		ug/L			28664	26938	1	KED
⌈	Cd	111	25.533	ug/L	0.529	2	2	10090	1	KED
⌊	Cd	114	25.464	ug/L	0.580	2	6	26085	0	KED
⌈>	In	115		ug/L			1504071	1411888	1	Standard
⌈	Ag	107	25.954	ug/L	0.806	3	55	467687	1	Standard
⌈	Sb	121	0.047	ug/L	0.006	11	384	1313	7	Standard
⌊	Sb	123	0.047	ug/L	0.004	8	306	1019	4	Standard
⌈	Ba	135	27.070	ug/L	0.264	0	67	188392	0	Standard
⌊	Ba	137	26.939	ug/L	0.320	1	109	328355	1	Standard
⌈>	Tb	159		ug/L			2872466	2925024	0	Standard
⌈	Tl	205	25.981	ug/L	0.081	0	205	2506207	0	Standard
⌊	Pb	208	22.405	ug/L	0.117	0	585	2852633	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0084-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 21:50:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1489558	1431517	1	Standard
⌊	**Be**	**9**	**-0.001**	ug/L	0.001	174	106	97	6	Standard
	C	**13**		ug/L			33459	70168	1	Standard
	Cl	**37**		ug/L			7741297	8124503	1	Standard
⌈>	**Sc**	**45**		ug/L			1887978	1903779	1	Standard
⌈	**Cr**	**52**	**0.506**	ug/L	0.027	5	28380	44891	1	Standard
⌊	**Cr**	**53**	**0.611**	ug/L	0.013	2	465	2860	0	Standard
⌊	**Mn**	**55**	**0.259**	ug/L	0.007	2	1023	13655	1	Standard
⌈>	**Ge**	**72**		ug/L			101459	93202	0	KED
⌈	**Ni**	**60**	**1.724**	ug/L	0.042	2	26	3056	2	KED
⌊	**Ni**	**62**	**1.744**	ug/L	0.149	8	5	508	8	KED
⌈	**Cu**	**63**	**1.536**	ug/L	0.011	0	142	7936	0	KED
⌊	**Cu**	**65**	**1.568**	ug/L	0.040	2	70	3988	2	KED
⌈	**Zn**	**66**	**0.692**	ug/L	0.053	7	239	705	5	KED
⌊	**Zn**	**67**	**2.426**	ug/L	0.321	13	44	321	11	KED
⌈	**As**	**75**	**0.575**	ug/L	0.005	0	4	198	0	KED
⌊	**Se**	**78**	**0.145**	ug/L	0.065	44	14	19	13	KED
	Y	**89**		ug/L			908949	888699	1	Standard
	Kr	**83**		ug/L			331	317	12	Standard
⌈>	**In-1**	**115**		ug/L			28664	26609	2	KED
⌈	**Cd**	**111**	**0.002**	ug/L	0.003	129	2	3	31	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	134	6	7	30	KED
⌈>	**In**	**115**		ug/L			1504071	1352656	1	Standard
⌈	**Ag**	**107**	**0.004**	ug/L	0.001	31	55	114	18	Standard
⌈	**Sb**	**121**	**0.889**	ug/L	0.029	3	384	17561	1	Standard
⌊	**Sb**	**123**	**0.915**	ug/L	0.030	3	306	13938	3	Standard
⌈	**Ba**	**135**	**24.201**	ug/L	0.707	2	67	161325	1	Standard
⌊	**Ba**	**137**	**24.578**	ug/L	0.409	1	109	287001	0	Standard
⌈>	**Tb**	**159**		ug/L			2872466	2782745	0	Standard
⌈	**Tl**	**205**	**0.008**	ug/L	0.001	6	205	906	5	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	22	585	810	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0072-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 21:55:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1489558	1376699	0	Standard
	Be	**9**	**-0.004**	ug/L	0.002	53	106	67	25	Standard
	C	**13**		ug/L			33459	58361	1	Standard
	Cl	**37**		ug/L			7741297	8251167	1	Standard
>	**Sc**	**45**		ug/L			1887978	1919652	1	Standard
	Cr	**52**	**6.119**	ug/L	0.100	1	28380	227342	0	Standard
	Cr	**53**	**7.335**	ug/L	0.085	1	465	29396	1	Standard
	Mn	**55**	**6.098**	ug/L	0.143	2	1023	300149	0	Standard
>	**Ge**	**72**		ug/L			101459	93848	0	KED
	Ni	**60**	**28.862**	ug/L	0.124	0	26	51143	1	KED
	Ni	**62**	**28.597**	ug/L	0.370	1	5	8322	0	KED
	Cu	**63**	**14.832**	ug/L	0.131	0	142	76011	0	KED
	Cu	**65**	**14.822**	ug/L	0.218	1	70	37415	1	KED
	Zn	**66**	**134.001**	ug/L	1.057	0	239	94859	0	KED
	Zn	**67**	**122.486**	ug/L	2.402	1	44	14300	1	KED
	As	**75**	**0.062**	ug/L	0.004	5	4	24	4	KED
	Se	**78**	**0.498**	ug/L	0.116	23	14	32	13	KED
	Y	**89**		ug/L			908949	885590	1	Standard
	Kr	**83**		ug/L			331	332	12	Standard
>	**In-1**	**115**		ug/L			28664	26091	0	KED
	Cd	**111**	**0.016**	ug/L	0.018	112	2	8	77	KED
	Cd	**114**	**0.009**	ug/L	0.003	35	6	15	20	KED
>	**In**	**115**		ug/L			1504071	1360644	1	Standard
	Ag	**107**	**0.005**	ug/L	0.002	33	55	132	20	Standard
	Sb	**121**	**0.038**	ug/L	0.002	6	384	1081	3	Standard
	Sb	**123**	**0.037**	ug/L	0.003	7	306	836	3	Standard
	Ba	**135**	**1.359**	ug/L	0.036	2	67	9173	1	Standard
	Ba	**137**	**1.362**	ug/L	0.031	2	109	16088	1	Standard
>	**Tb**	**159**		ug/L			2872466	2831493	0	Standard
	Tl	**205**	**0.002**	ug/L	0.000	20	205	377	9	Standard
	Pb	**208**	**0.047**	ug/L	0.001	1	585	6371	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0407-01

DEL

Sample Dil Factor:

Comments:

Sample Date/Time: Monday, July 12, 2021 22:04:37

MISSED TUBE

Number of Replicates: 3

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
> Li	6		ug/L			1489558	2747577	3	Standard
Be	9	-0.011	ug/L	0.000	0	106	38	7	Standard
C	13		ug/L			33459	26594	12	Standard
Cl	37		ug/L			7741297	4548508	2	Standard
> Sc	45		ug/L			1887978	3496623	6	Standard
Cr	52	-0.636	ug/L	0.005	0	28380	14949	6	Standard
Cr	53	-0.069	ug/L	0.003	4	465	368	6	Standard
Mn	55	-0.005	ug/L	0.003	63	1023	1414	25	Standard
> Ge	72		ug/L			101459	202027	3	KED
Ni	60	-0.009	ug/L	0.003	32	26	19	53	KED
Ni	62	-0.006	ug/L	0.010	172	5	6	105	KED
Cu	63	-0.013	ug/L	0.001	10	142	139	10	KED
Cu	65	-0.011	ug/L	0.003	24	70	81	15	KED
Zn	66	-0.235	ug/L	0.019	7	239	120	26	KED
Zn	67	-0.264	ug/L	0.034	12	44	22	38	KED
As	75	-0.004	ug/L	0.003	78	4	5	43	KED
Se	78	-0.147	ug/L	0.041	28	14	16	16	KED
Y	89		ug/L			908949	1745616	6	Standard
Kr	83		ug/L			331	608	18	Standard
> In-1	115		ug/L			28664	58047	3	KED
Cd	111	0.000	ug/L	0.001	293	2	6	9	KED
Cd	114	-0.004	ug/L	0.002	44	6	5	70	KED
> In	115		ug/L			1504071	2632618	5	Standard
Ag	107	-0.001	ug/L	0.000	55	55	69	27	Standard
Sb	121	-0.016	ug/L	0.000	1	384	64	15	Standard
Sb	123	-0.017	ug/L	0.000	2	306	39	22	Standard
Ba	135	-0.005	ug/L	0.001	16	67	47	22	Standard
Ba	137	-0.004	ug/L	0.001	14	109	97	13	Standard
> Tb	159		ug/L			2872466	6147722	3	Standard
Tl	205	-0.002	ug/L	0.000	3	205	130	9	Standard
Pb	208	-0.003	ug/L	0.000	1	585	413	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0407-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:12:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1489558	1488411	1	Standard
[	Be	9	-0.003	ug/L	0.002	67	106	78	23	Standard
	C	13		ug/L			33459	53810	0	Standard
	Cl	37		ug/L			7741297	7790328	1	Standard
[>	Sc	45		ug/L			1887978	1858585	1	Standard
[	Cr	52	0.158	ug/L	0.011	6	28380	32905	1	Standard
[	Cr	53	0.151	ug/L	0.003	2	465	1034	2	Standard
[	Mn	55	0.291	ug/L	0.003	1	1023	14837	1	Standard
[>	Ge	72		ug/L			101459	94726	2	KED
[	Ni	60	0.036	ug/L	0.003	8	26	89	5	KED
[	Ni	62	0.043	ug/L	0.031	73	5	17	50	KED
[	Cu	63	0.104	ug/L	0.006	5	142	669	5	KED
[	Cu	65	0.107	ug/L	0.007	6	70	339	6	KED
[	Zn	66	0.181	ug/L	0.040	21	239	353	10	KED
[	Zn	67	0.101	ug/L	0.062	61	44	53	14	KED
[	As	75	0.017	ug/L	0.004	20	4	9	13	KED
[	Se	78	-0.086	ug/L	0.027	31	14	10	9	KED
	Y	89		ug/L			908949	905993	1	Standard
	Kr	83		ug/L			331	342	7	Standard
[>	In-1	115		ug/L			28664	27369	0	KED
[	Cd	111	0.000	ug/L	0.002	740	2	2	33	KED
[	Cd	114	-0.002	ug/L	0.006	304	6	4	143	KED
[>	In	115		ug/L			1504071	1412383	2	Standard
[	Ag	107	0.001	ug/L	0.000	37	55	63	9	Standard
[	Sb	121	0.032	ug/L	0.002	6	384	1008	6	Standard
[	Sb	123	0.033	ug/L	0.004	12	306	808	5	Standard
[	Ba	135	0.348	ug/L	0.004	1	67	2482	1	Standard
[	Ba	137	0.357	ug/L	0.011	3	109	4448	1	Standard
[>	Tb	159		ug/L			2872466	2795492	0	Standard
[	Tl	205	-0.001	ug/L	0.000	39	205	149	13	Standard
[	Pb	208	0.006	ug/L	0.000	0	585	1283	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0251-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:20:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1489558	1451092	2	Standard
[	Be	9	-0.002	ug/L	0.003	155	106	90	22	Standard
	C	13		ug/L			33459	51158	1	Standard
	Cl	37		ug/L			7741297	7787099	2	Standard
[>	Sc	45		ug/L			1887978	1852328	1	Standard
[	Cr	52	0.167	ug/L	0.006	3	28380	33086	1	Standard
[	Cr	53	0.170	ug/L	0.015	8	465	1101	3	Standard
[	Mn	55	0.254	ug/L	0.004	1	1023	13047	0	Standard
[>	Ge	72		ug/L			101459	95373	0	KED
[	Ni	60	0.030	ug/L	0.005	16	26	78	11	KED
[	Ni	62	0.048	ug/L	0.028	57	5	19	43	KED
[	Cu	63	0.088	ug/L	0.004	5	142	591	4	KED
[	Cu	65	0.098	ug/L	0.006	5	70	316	4	KED
[	Zn	66	-0.006	ug/L	0.029	517	239	220	9	KED
[	Zn	67	-0.004	ug/L	0.104	2343	44	41	30	KED
[	As	75	0.014	ug/L	0.004	27	4	8	14	KED
[	Se	78	0.032	ug/L	0.095	302	14	15	25	KED
	Y	89		ug/L			908949	900027	1	Standard
	Kr	83		ug/L			331	330	4	Standard
[>	In-1	115		ug/L			28664	27305	0	KED
[	Cd	111	-0.000	ug/L	0.003	579	2	2	43	KED
[	Cd	114	-0.010	ug/L	0.005	49	6	-4	120	KED
[>	In	115		ug/L			1504071	1439577	1	Standard
[	Ag	107	0.000	ug/L	0.000	106	55	58	9	Standard
[	Sb	121	0.032	ug/L	0.004	12	384	1024	8	Standard
[	Sb	123	0.034	ug/L	0.001	3	306	827	1	Standard
[	Ba	135	0.325	ug/L	0.005	1	67	2372	1	Standard
[	Ba	137	0.324	ug/L	0.005	1	109	4130	0	Standard
[>	Tb	159		ug/L			2872466	2804460	1	Standard
[	Tl	205	-0.000	ug/L	0.000	14	205	166	2	Standard
[	Pb	208	0.003	ug/L	0.000	16	585	933	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0251-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:24:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	Li	6		ug/L			1489558	1353047	3	Standard
[	Be	9	25.854	ug/L	1.058	4	106	188162	0	Standard
	C	13		ug/L			33459	57096	0	Standard
	Cl	37		ug/L			7741297	8022909	1	Standard
[>	Sc	45		ug/L			1887978	1806054	0	Standard
[	Cr	52	26.224	ug/L	0.276	1	28380	827644	0	Standard
[	Cr	53	25.212	ug/L	0.370	1	465	93988	1	Standard
[	Mn	55	25.752	ug/L	0.136	0	1023	1189618	0	Standard
[>	Ge	72		ug/L			101459	94494	0	KED
[	Ni	60	24.334	ug/L	0.510	2	26	43422	2	KED
[	Ni	62	24.302	ug/L	0.321	1	5	7122	1	KED
[	Cu	63	24.371	ug/L	0.068	0	142	125679	0	KED
[	Cu	65	24.541	ug/L	0.242	0	70	62333	1	KED
[	Zn	66	76.526	ug/L	1.138	1	239	54642	1	KED
[	Zn	67	72.981	ug/L	0.961	1	44	8596	0	KED
[	As	75	24.591	ug/L	0.257	1	4	8442	1	KED
[	Se	78	76.367	ug/L	1.191	1	14	2980	0	KED
	Y	89		ug/L			908949	888788	1	Standard
	Kr	83		ug/L			331	320	6	Standard
[>	In-1	115		ug/L			28664	26728	1	KED
[	Cd	111	24.682	ug/L	0.204	0	2	9678	0	KED
[	Cd	114	24.866	ug/L	0.278	1	6	25278	0	KED
[>	In	115		ug/L			1504071	1379577	0	Standard
[	Ag	107	25.657	ug/L	0.527	2	55	451817	1	Standard
[	Sb	121	22.863	ug/L	0.553	2	384	451920	1	Standard
[	Sb	123	23.281	ug/L	0.730	3	306	354852	2	Standard
[	Ba	135	27.390	ug/L	0.502	1	67	186255	0	Standard
[	Ba	137	27.532	ug/L	0.442	1	109	327910	0	Standard
[>	Tb	159		ug/L			2872466	2843955	0	Standard
[	Tl	205	26.413	ug/L	0.057	0	205	2477298	0	Standard
[	Pb	208	22.406	ug/L	0.189	0	585	2773600	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0251-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:29:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1489558	1344929	0	Standard
⌊	Be	9	26.060	ug/L	0.564	2	106	188679	1	Standard
	C	13		ug/L			33459	55979	0	Standard
	Cl	37		ug/L			7741297	8064625	1	Standard
⌈>	Sc	45		ug/L			1887978	1805656	0	Standard
⌈	Cr	52	26.008	ug/L	0.264	1	28380	820904	1	Standard
⌊	Cr	53	25.095	ug/L	0.080	0	465	93538	0	Standard
⌊	Mn	55	26.159	ug/L	0.079	0	1023	1208148	0	Standard
⌈>	Ge	72		ug/L			101459	92758	0	KED
⌈	Ni	60	24.513	ug/L	0.276	1	26	42936	1	KED
⌊	Ni	62	24.550	ug/L	0.876	3	5	7062	3	KED
⌈	Cu	63	24.621	ug/L	0.625	2	142	124636	2	KED
⌊	Cu	65	25.182	ug/L	0.196	0	70	62784	0	KED
⌈	Zn	66	78.196	ug/L	0.967	1	239	54804	1	KED
⌊	Zn	67	75.123	ug/L	1.425	1	44	8685	1	KED
⌈	As	75	25.027	ug/L	0.079	0	4	8434	0	KED
⌊	Se	78	77.789	ug/L	1.201	1	14	2979	1	KED
	Y	89		ug/L			908949	878472	0	Standard
	Kr	83		ug/L			331	346	2	Standard
⌈>	In-1	115		ug/L			28664	25905	0	KED
⌈	Cd	111	25.474	ug/L	0.089	0	2	9682	1	KED
⌊	Cd	114	25.562	ug/L	0.206	0	6	25187	0	KED
⌈>	In	115		ug/L			1504071	1362498	2	Standard
⌈	Ag	107	25.966	ug/L	1.209	4	55	451343	2	Standard
⌈	Sb	121	23.444	ug/L	0.261	1	384	457650	1	Standard
⌊	Sb	123	23.606	ug/L	0.487	2	306	355316	1	Standard
⌈	Ba	135	27.622	ug/L	1.126	4	67	185408	1	Standard
⌊	Ba	137	27.561	ug/L	1.015	3	109	324026	1	Standard
⌈>	Tb	159		ug/L			2872466	2824457	0	Standard
⌈	Tl	205	26.691	ug/L	0.355	1	205	2486179	1	Standard
⌊	Pb	208	22.611	ug/L	0.126	0	585	2779793	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:33:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1489558	1376452	1	Standard
⌊	**Be**	**9**	**-0.002**	ug/L	0.001	44	106	86	5	Standard
	C	**13**		ug/L			33459	33130	1	Standard
	Cl	**37**		ug/L			7741297	7707674	1	Standard
⌈>	**Sc**	**45**		ug/L			1887978	1766322	1	Standard
⌈	**Cr**	**52**	**0.063**	ug/L	0.004	6	28380	28446	2	Standard
⌊	**Cr**	**53**	**0.009**	ug/L	0.009	92	465	469	5	Standard
	Mn	**55**	**0.024**	ug/L	0.001	3	1023	2028	2	Standard
⌈>	**Ge**	**72**		ug/L			101459	93561	0	KED
⌈	**Ni**	**60**	**0.001**	ug/L	0.003	407	26	26	22	KED
⌊	**Ni**	**62**	**0.008**	ug/L	0.021	266	5	6	87	KED
⌈	**Cu**	**63**	**0.000**	ug/L	0.003	801	142	133	13	KED
⌊	**Cu**	**65**	**-0.000**	ug/L	0.009	11963	70	64	33	KED
⌈	**Zn**	**66**	**0.072**	ug/L	0.046	64	239	271	11	KED
⌊	**Zn**	**67**	**0.013**	ug/L	0.122	931	44	42	33	KED
⌈	**As**	**75**	**0.000**	ug/L	0.004	843	4	3	34	KED
⌊	**Se**	**78**	**-0.026**	ug/L	0.044	168	14	12	13	KED
	Y	**89**		ug/L			908949	862376	0	Standard
	Kr	**83**		ug/L			331	329	5	Standard
⌈>	**In-1**	**115**		ug/L			28664	25844	1	KED
⌈	**Cd**	**111**	**-0.000**	ug/L	0.008	8472	2	2	114	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.001	27	6	2	45	KED
⌈>	**In**	**115**		ug/L			1504071	1368433	1	Standard
⌈	**Ag**	**107**	**0.001**	ug/L	0.000	36	55	62	8	Standard
⌈	**Sb**	**121**	**-0.010**	ug/L	0.001	5	384	146	6	Standard
⌊	**Sb**	**123**	**-0.013**	ug/L	0.000	3	306	83	8	Standard
⌈	**Ba**	**135**	**0.006**	ug/L	0.001	18	67	104	8	Standard
⌊	**Ba**	**137**	**0.005**	ug/L	0.000	4	109	161	2	Standard
⌈>	**Tb**	**159**		ug/L			2872466	2747376	0	Standard
⌈	**Tl**	**205**	**-0.000**	ug/L	0.000	55	205	161	11	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	7	585	1137	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:38:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1489558	1351971	1	Standard
	Be	**9**	**50.310**	ug/L	0.404	0	106	366073	0	Standard
	C	**13**		ug/L			33459	33063	1	Standard
	Cl	**37**		ug/L			7741297	8155886	1	Standard
>	**Sc**	**45**		ug/L			1887978	1774821	1	Standard
	Cr	**52**	**50.554**	ug/L	0.699	1	28380	1543088	0	Standard
	Cr	**53**	**48.852**	ug/L	0.923	1	465	178533	0	Standard
	Mn	**55**	**51.635**	ug/L	0.998	1	1023	2343235	2	Standard
>	**Ge**	**72**		ug/L			101459	91113	1	KED
	Ni	**60**	**48.108**	ug/L	0.373	0	26	82741	0	KED
	Ni	**62**	**47.155**	ug/L	1.077	2	5	13318	1	KED
	Cu	**63**	**48.044**	ug/L	0.907	1	142	238728	0	KED
	Cu	**65**	**48.216**	ug/L	0.527	1	70	118012	0	KED
	Zn	**66**	**48.289**	ug/L	0.333	0	239	33324	1	KED
	Zn	**67**	**49.338**	ug/L	0.830	1	44	5615	0	KED
	As	**75**	**49.325**	ug/L	0.635	1	4	16322	0	KED
	Se	**78**	**48.598**	ug/L	1.003	2	14	1833	0	KED
	Y	**89**		ug/L			908949	882865	1	Standard
	Kr	**83**		ug/L			331	330	7	Standard
>	**In-1**	**115**		ug/L			28664	25665	1	KED
	Cd	**111**	**48.747**	ug/L	0.651	1	2	18352	0	KED
	Cd	**114**	**48.393**	ug/L	0.210	0	6	47237	1	KED
>	**In**	**115**		ug/L			1504071	1358275	1	Standard
	Ag	**107**	**51.221**	ug/L	0.811	1	55	888004	1	Standard
	Sb	**121**	**46.476**	ug/L	1.260	2	384	903961	0	Standard
	Sb	**123**	**46.793**	ug/L	0.496	1	306	702006	1	Standard
	Ba	**135**	**52.516**	ug/L	1.274	2	67	351481	0	Standard
	Ba	**137**	**52.385**	ug/L	0.634	1	109	614153	0	Standard
>	**Tb**	**159**		ug/L			2872466	2824042	0	Standard
	Tl	**205**	**50.824**	ug/L	0.618	1	205	4733118	0	Standard
	Pb	**208**	**47.629**	ug/L	0.505	1	585	5853977	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:45:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1489558	1377945	1	Standard
⌊	**Be**	**9**	**0.001**	ug/L	0.002	230	106	106	15	Standard
	C	**13**		ug/L			33459	30779	4	Standard
	Cl	**37**		ug/L			7741297	7968513	0	Standard
⌈>	**Sc**	**45**		ug/L			1887978	1758649	1	Standard
⌈	**Cr**	**52**	**0.051**	ug/L	0.025	49	28380	27941	1	Standard
⌊	**Cr**	**53**	**0.007**	ug/L	0.011	164	465	458	7	Standard
	Mn	**55**	**-0.001**	ug/L	0.001	106	1023	912	5	Standard
⌈>	**Ge**	**72**		ug/L			101459	91354	1	KED
⌈	**Ni**	**60**	**0.008**	ug/L	0.002	21	26	37	7	KED
⌊	**Ni**	**62**	**0.006**	ug/L	0.010	161	5	6	45	KED
⌈	**Cu**	**63**	**-0.002**	ug/L	0.003	143	142	116	12	KED
⌊	**Cu**	**65**	**-0.003**	ug/L	0.005	200	70	57	20	KED
⌈	**Zn**	**66**	**0.026**	ug/L	0.026	101	239	233	6	KED
⌊	**Zn**	**67**	**-0.023**	ug/L	0.066	287	44	37	20	KED
⌈	**As**	**75**	**0.001**	ug/L	0.005	677	4	3	42	KED
⌊	**Se**	**78**	**-0.031**	ug/L	0.084	270	14	12	26	KED
	Y	**89**		ug/L			908949	854795	1	Standard
	Kr	**83**		ug/L			331	328	4	Standard
⌈>	**In-1**	**115**		ug/L			28664	24874	3	KED
⌈	**Cd**	**111**	**0.010**	ug/L	0.009	93	2	6	55	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.002	60	6	2	92	KED
⌈>	**In**	**115**		ug/L			1504071	1357317	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.001	47	55	82	18	Standard
⌈	**Sb**	**121**	**0.033**	ug/L	0.005	14	384	979	9	Standard
⌊	**Sb**	**123**	**0.034**	ug/L	0.003	9	306	785	6	Standard
⌈	**Ba**	**135**	**-0.000**	ug/L	0.001	604	67	60	10	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.001	55	109	119	9	Standard
⌈>	**Tb**	**159**		ug/L			2872466	2721328	0	Standard
⌈	**Tl**	**205**	**0.001**	ug/L	0.000	26	205	304	9	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	9	585	782	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0057-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:52:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1489558	1541070	1	Standard
⌊	**Be**	**9**	**-0.004**	ug/L	0.000	6	106	73	3	Standard
	C	**13**		ug/L			33459	86823	1	Standard
	Cl	**37**		ug/L			7741297	7579890	2	Standard
⌈>	**Sc**	**45**		ug/L			1887978	1770108	1	Standard
⌈	**Cr**	**52**	**5.439**	ug/L	0.080	1	28380	189329	1	Standard
⌊	**Cr**	**53**	**5.505**	ug/L	0.012	0	465	20455	1	Standard
⌊	**Mn**	**55**	**9.081**	ug/L	0.047	0	1023	411752	0	Standard
⌈>	**Ge**	**72**		ug/L			101459	83967	1	KED
⌈	**Ni**	**60**	**6.846**	ug/L	0.053	0	26	10870	1	KED
⌊	**Ni**	**62**	**6.707**	ug/L	0.125	1	5	1749	2	KED
⌈	**Cu**	**63**	**18.544**	ug/L	0.151	0	142	84999	0	KED
⌊	**Cu**	**65**	**18.390**	ug/L	0.095	0	70	41521	1	KED
⌈	**Zn**	**66**	**11.585**	ug/L	0.250	2	239	7518	1	KED
⌊	**Zn**	**67**	**11.453**	ug/L	0.338	2	44	1229	3	KED
⌈	**As**	**75**	**0.110**	ug/L	0.003	3	4	36	2	KED
⌊	**Se**	**78**	**0.198**	ug/L	0.131	66	14	18	24	KED
	Y	**89**		ug/L			908949	832254	0	Standard
	Kr	**83**		ug/L			331	340	6	Standard
⌈>	**In-1**	**115**		ug/L			28664	24003	0	KED
⌈	**Cd**	**111**	**0.035**	ug/L	0.013	37	2	14	32	KED
⌊	**Cd**	**114**	**0.025**	ug/L	0.006	25	6	28	19	KED
⌈>	**In**	**115**		ug/L			1504071	1308593	0	Standard
⌈	**Ag**	**107**	**0.000**	ug/L	0.001	131	55	55	15	Standard
⌈	**Sb**	**121**	**0.332**	ug/L	0.011	3	384	6560	3	Standard
⌊	**Sb**	**123**	**0.338**	ug/L	0.016	4	306	5154	4	Standard
⌈	**Ba**	**135**	**1.151**	ug/L	0.002	0	67	7482	0	Standard
⌊	**Ba**	**137**	**1.128**	ug/L	0.020	1	109	12836	2	Standard
⌈>	**Tb**	**159**		ug/L			2872466	2759284	0	Standard
⌈	**Tl**	**205**	**0.006**	ug/L	0.000	4	205	702	3	Standard
⌊	**Pb**	**208**	**0.026**	ug/L	0.001	3	585	3668	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0057-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 22:56:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1489558	1422379	0	Standard
	Be	**9**	**-0.007**	ug/L	0.001	12	106	48	13	Standard
	C	**13**		ug/L			33459	77480	0	Standard
	Cl	**37**		ug/L			7741297	7521395	2	Standard
>	**Sc**	**45**		ug/L			1887978	1728981	0	Standard
	Cr	**52**	**6.022**	ug/L	0.095	1	28380	201953	0	Standard
	Cr	**53**	**6.048**	ug/L	0.141	2	465	21906	1	Standard
	Mn	**55**	**13.935**	ug/L	0.265	1	1023	616652	1	Standard
>	**Ge**	**72**		ug/L			101459	83696	1	KED
	Ni	**60**	**9.596**	ug/L	0.058	0	26	15179	0	KED
	Ni	**62**	**9.933**	ug/L	0.218	2	5	2580	1	KED
	Cu	**63**	**23.437**	ug/L	0.031	0	142	107052	0	KED
	Cu	**65**	**23.509**	ug/L	0.285	1	70	52888	0	KED
	Zn	**66**	**16.911**	ug/L	0.479	2	239	10847	2	KED
	Zn	**67**	**16.094**	ug/L	0.536	3	44	1707	2	KED
	As	**75**	**0.107**	ug/L	0.006	6	4	35	5	KED
	Se	**78**	**0.305**	ug/L	0.174	57	14	22	25	KED
	Y	**89**		ug/L			908949	832081	2	Standard
	Kr	**83**		ug/L			331	412	10	Standard
>	**In-1**	**115**		ug/L			28664	23943	0	KED
	Cd	**111**	**0.046**	ug/L	0.006	12	2	18	10	KED
	Cd	**114**	**0.036**	ug/L	0.007	19	6	38	16	KED
>	**In**	**115**		ug/L			1504071	1264110	1	Standard
	Ag	**107**	**0.000**	ug/L	0.000	129	55	50	11	Standard
	Sb	**121**	**0.305**	ug/L	0.004	1	384	5851	2	Standard
	Sb	**123**	**0.313**	ug/L	0.013	4	306	4617	2	Standard
	Ba	**135**	**1.092**	ug/L	0.007	0	67	6861	1	Standard
	Ba	**137**	**1.107**	ug/L	0.013	1	109	12167	0	Standard
>	**Tb**	**159**		ug/L			2872466	2723006	0	Standard
	Tl	**205**	**0.006**	ug/L	0.000	7	205	699	6	Standard
	Pb	**208**	**0.021**	ug/L	0.001	2	585	3068	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0057-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 23:01:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1489558	1349234	0	Standard
	Be	**9**	**-0.006**	ug/L	0.001	12	106	50	12	Standard
	C	**13**		ug/L			33459	68307	0	Standard
	Cl	**37**		ug/L			7741297	7499068	1	Standard
>	**Sc**	**45**		ug/L			1887978	1732840	0	Standard
	Cr	**52**	**7.320**	ug/L	0.050	0	28380	240451	0	Standard
	Cr	**53**	**7.243**	ug/L	0.077	1	465	26211	1	Standard
	Mn	**55**	**9.815**	ug/L	0.150	1	1023	435630	2	Standard
>	**Ge**	**72**		ug/L			101459	83040	1	KED
	Ni	**60**	**7.478**	ug/L	0.075	1	26	11740	0	KED
	Ni	**62**	**7.782**	ug/L	0.044	0	5	2007	1	KED
	Cu	**63**	**19.383**	ug/L	0.152	0	142	87858	0	KED
	Cu	**65**	**19.517**	ug/L	0.457	2	70	43570	1	KED
	Zn	**66**	**12.761**	ug/L	0.066	0	239	8171	1	KED
	Zn	**67**	**11.747**	ug/L	0.147	1	44	1246	1	KED
	As	**75**	**0.088**	ug/L	0.012	13	4	30	12	KED
	Se	**78**	**0.303**	ug/L	0.163	53	14	22	24	KED
	Y	**89**		ug/L			908949	837910	0	Standard
	Kr	**83**		ug/L			331	382	8	Standard
>	**In-1**	**115**		ug/L			28664	23746	1	KED
	Cd	**111**	**0.041**	ug/L	0.010	25	2	16	20	KED
	Cd	**114**	**0.031**	ug/L	0.002	6	6	33	6	KED
>	**In**	**115**		ug/L			1504071	1217706	1	Standard
	Ag	**107**	**0.001**	ug/L	0.001	105	55	54	17	Standard
	Sb	**121**	**0.257**	ug/L	0.005	1	384	4793	2	Standard
	Sb	**123**	**0.262**	ug/L	0.013	5	306	3770	3	Standard
	Ba	**135**	**1.069**	ug/L	0.012	1	67	6470	1	Standard
	Ba	**137**	**1.055**	ug/L	0.038	3	109	11177	2	Standard
>	**Tb**	**159**		ug/L			2872466	2695665	1	Standard
	Tl	**205**	**0.004**	ug/L	0.000	8	205	575	5	Standard
	Pb	**208**	**0.014**	ug/L	0.000	1	585	2149	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0057-04
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 23:07:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
[>	**Li**	**6**		ug/L			1489558	1283834	0	Standard
[	**Be**	**9**	**-0.009**	ug/L	0.001	11	106	31	23	Standard
	C	**13**		ug/L			33459	64322	0	Standard
	Cl	**37**		ug/L			7741297	7503022	1	Standard
[>	**Sc**	**45**		ug/L			1887978	1697295	0	Standard
[	**Cr**	**52**	**13.704**	ug/L	0.220	1	28380	418650	1	Standard
[	**Cr**	**53**	**13.337**	ug/L	0.184	1	465	46925	1	Standard
[	**Mn**	**55**	**6.578**	ug/L	0.036	0	1023	286271	0	Standard
[>	**Ge**	**72**		ug/L			101459	81562	0	KED
[	**Ni**	**60**	**5.338**	ug/L	0.072	1	26	8237	1	KED
[	**Ni**	**62**	**5.736**	ug/L	0.128	2	5	1454	1	KED
[	**Cu**	**63**	**13.463**	ug/L	0.099	0	142	59974	0	KED
[	**Cu**	**65**	**13.626**	ug/L	0.126	0	70	29898	0	KED
[	**Zn**	**66**	**7.214**	ug/L	0.068	0	239	4620	0	KED
[	**Zn**	**67**	**6.714**	ug/L	0.457	6	44	714	6	KED
[	**As**	**75**	**0.096**	ug/L	0.019	19	4	31	17	KED
[	**Se**	**78**	**0.378**	ug/L	0.046	12	14	24	6	KED
	Y	**89**		ug/L			908949	837425	0	Standard
	Kr	**83**		ug/L			331	363	1	Standard
[>	**In-1**	**115**		ug/L			28664	24141	0	KED
[	**Cd**	**111**	**0.016**	ug/L	0.009	54	2	7	38	KED
[	**Cd**	**114**	**0.008**	ug/L	0.004	52	6	12	30	KED
[>	**In**	**115**		ug/L			1504071	1232592	1	Standard
[	**Ag**	**107**	**0.002**	ug/L	0.001	73	55	71	27	Standard
[	**Sb**	**121**	**0.246**	ug/L	0.002	0	384	4660	1	Standard
[	**Sb**	**123**	**0.253**	ug/L	0.004	1	306	3697	1	Standard
[	**Ba**	**135**	**1.021**	ug/L	0.017	1	67	6253	1	Standard
[	**Ba**	**137**	**1.010**	ug/L	0.039	3	109	10827	2	Standard
[>	**Tb**	**159**		ug/L			2872466	2655985	0	Standard
[	**Tl**	**205**	**0.005**	ug/L	0.000	6	205	586	3	Standard
[	**Pb**	**208**	**0.008**	ug/L	0.000	0	585	1473	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0003-06
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 23:14:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1239095	1	Standard
	Be	9	-0.007	ug/L	0.002	26	106	45	24	Standard
	C	13		ug/L			33459	51514	0	Standard
	Cl	37		ug/L			7741297	7325733	1	Standard
>	Sc	45		ug/L			1887978	1885398	1	Standard
	Cr	52	0.088	ug/L	0.020	22	28380	31155	1	Standard
	Cr	53	0.240	ug/L	0.007	2	465	1396	2	Standard
	Mn	55	2784.199	ug/L	80.559	2	1023	134133559	1	Standard
>	Ge	72		ug/L			101459	88789	1	KED
	Ni	60	1.592	ug/L	0.010	0	26	2690	2	KED
	Ni	62	1.741	ug/L	0.111	6	5	483	7	KED
	Cu	63	0.281	ug/L	0.016	5	142	1487	6	KED
	Cu	65	0.280	ug/L	0.007	2	70	728	3	KED
	Zn	66	3.933	ug/L	0.092	2	239	2837	1	KED
	Zn	67	4.237	ug/L	0.561	13	44	505	12	KED
	As	75	10.998	ug/L	0.128	1	4	3549	0	KED
	Se	78	0.000	ug/L	0.021	6286	14	12	7	KED
	Y	89		ug/L			908949	886742	1	Standard
	Kr	83		ug/L			331	361	1	Standard
>	In-1	115		ug/L			28664	26469	0	KED
	Cd	111	0.014	ug/L	0.014	96	2	8	65	KED
	Cd	114	0.005	ug/L	0.008	164	6	10	70	KED
>	In	115		ug/L			1504071	1337150	1	Standard
	Ag	107	0.001	ug/L	0.000	79	55	58	12	Standard
	Sb	121	0.036	ug/L	0.001	2	384	1040	2	Standard
	Sb	123	0.036	ug/L	0.002	6	306	801	3	Standard
	Ba	135	4.101	ug/L	0.044	1	67	27081	0	Standard
	Ba	137	4.097	ug/L	0.060	1	109	47385	1	Standard
>	Tb	159		ug/L			2872466	2772639	0	Standard
	Tl	205	0.003	ug/L	0.000	4	205	489	2	Standard
	Pb	208	0.014	ug/L	0.000	0	585	2252	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0250-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 23:21:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1224138	2	Standard
	Be	9	-0.006	ug/L	0.002	27	106	49	23	Standard
	C	13		ug/L			33459	53555	1	Standard
	Cl	37		ug/L			7741297	7268042	1	Standard
>	Sc	45		ug/L			1887978	1866594	0	Standard
	Cr	52	0.139	ug/L	0.013	9	28380	32447	1	Standard
	Cr	53	0.260	ug/L	0.011	4	465	1459	3	Standard
	Mn	55	2701.161	ug/L	31.764	1	1023	128866738	1	Standard
>	Ge	72		ug/L			101459	87829	0	KED
	Ni	60	1.546	ug/L	0.049	3	26	2584	2	KED
	Ni	62	1.731	ug/L	0.019	1	5	475	1	KED
	Cu	63	0.263	ug/L	0.005	1	142	1384	2	KED
	Cu	65	0.269	ug/L	0.012	4	70	696	5	KED
	Zn	66	4.164	ug/L	0.157	3	239	2959	3	KED
	Zn	67	4.170	ug/L	0.206	4	44	492	4	KED
	As	75	10.505	ug/L	0.043	0	4	3354	1	KED
	Se	78	0.052	ug/L	0.067	128	14	14	16	KED
	Y	89		ug/L			908949	884863	2	Standard
	Kr	83		ug/L			331	356	10	Standard
>	In-1	115		ug/L			28664	26269	0	KED
	Cd	111	0.020	ug/L	0.006	30	2	10	23	KED
	Cd	114	0.006	ug/L	0.001	18	6	11	9	KED
>	In	115		ug/L			1504071	1316261	0	Standard
	Ag	107	0.000	ug/L	0.000	327	55	51	16	Standard
	Sb	121	0.044	ug/L	0.003	7	384	1174	5	Standard
	Sb	123	0.048	ug/L	0.007	15	306	960	10	Standard
	Ba	135	3.989	ug/L	0.060	1	67	25932	1	Standard
	Ba	137	4.046	ug/L	0.005	0	109	46062	0	Standard
>	Tb	159		ug/L			2872466	2753641	1	Standard
	Tl	205	0.003	ug/L	0.000	8	205	472	5	Standard
	Pb	208	0.013	ug/L	0.000	2	585	2081	2	Standard

ICP-MS Quantitative Analysis - Summary Report

BJG0250-

Sample ID: ~~BJG0520-~~**MS1**

Sample Dil Factor:

Comments:

Sample Date/Time: Monday, July 12, 2021 23:26:13

MB 7/12/21

Number of Replicates: 3

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1203677	0	Standard
	Be	9	26.313	ug/L	0.337	1	106	170510	1	Standard
	C	13		ug/L			33459	58041	1	Standard
	Cl	37		ug/L			7741297	7350051	0	Standard
>	Sc	45		ug/L			1887978	1833302	1	Standard
	Cr	52	24.813	ug/L	0.175	0	28380	796390	1	Standard
	Cr	53	24.164	ug/L	0.288	1	465	91451	1	Standard
	Mn	55	2785.171	ug/L	18.730	0	1023	130487674	1	Standard
>	Ge	72		ug/L			101459	86376	0	KED
	Ni	60	26.187	ug/L	0.263	1	26	42711	1	KED
	Ni	62	25.878	ug/L	0.039	0	5	6932	0	KED
	Cu	63	24.958	ug/L	0.205	0	142	117646	1	KED
	Cu	65	24.951	ug/L	0.304	1	70	57932	1	KED
	Zn	66	78.854	ug/L	0.269	0	239	51461	0	KED
	Zn	67	75.733	ug/L	0.813	1	44	8152	0	KED
	As	75	36.359	ug/L	0.767	2	4	11407	1	KED
	Se	78	78.040	ug/L	0.965	1	14	2783	1	KED
	Y	89		ug/L			908949	856973	1	Standard
	Kr	83		ug/L			331	361	4	Standard
>	In-1	115		ug/L			28664	25523	1	KED
	Cd	111	24.629	ug/L	0.355	1	2	9224	2	KED
	Cd	114	24.702	ug/L	0.517	2	6	23978	1	KED
>	In	115		ug/L			1504071	1276861	2	Standard
	Ag	107	27.267	ug/L	0.480	1	55	444364	0	Standard
	Sb	121	0.078	ug/L	0.002	3	384	1754	2	Standard
	Sb	123	0.077	ug/L	0.005	6	306	1346	3	Standard
	Ba	135	32.628	ug/L	0.535	1	67	205334	1	Standard
	Ba	137	32.676	ug/L	0.649	1	109	360111	0	Standard
>	Tb	159		ug/L			2872466	2729518	1	Standard
	Tl	205	21.856	ug/L	0.144	0	205	1967327	0	Standard
	Pb	208	21.969	ug/L	0.137	0	585	2609969	1	Standard

BJG0250-

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~BJG0520-~~**MSD1**
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 23:31:01
Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	Li	6		ug/L			1489558	1202618	1	Standard
⌊	Be	9	25.626	ug/L	0.514	2	106	165878	0	Standard
	C	13		ug/L			33459	57018	2	Standard
	Cl	37		ug/L			7741297	7297263	1	Standard
⌈>	Sc	45		ug/L			1887978	1805063	1	Standard
⌈	Cr	52	24.579	ug/L	0.527	2	28380	776936	1	Standard
⌊	Cr	53	24.117	ug/L	0.069	0	465	89879	1	Standard
⌊	Mn	55	2631.401	ug/L	19.761	0	1023	121393323	1	Standard
⌈>	Ge	72		ug/L			101459	84356	0	KED
⌈	Ni	60	26.193	ug/L	0.340	1	26	41719	0	KED
⌊	Ni	62	26.320	ug/L	0.361	1	5	6885	0	KED
⌈	Cu	63	24.842	ug/L	0.569	2	142	114351	1	KED
⌊	Cu	65	24.692	ug/L	0.242	0	70	55985	0	KED
⌈	Zn	66	77.807	ug/L	0.631	0	239	49591	0	KED
⌊	Zn	67	75.408	ug/L	1.552	2	44	7928	2	KED
⌈	As	75	36.051	ug/L	0.190	0	4	11046	0	KED
⌊	Se	78	78.936	ug/L	0.891	1	14	2749	1	KED
	Y	89		ug/L			908949	861979	0	Standard
	Kr	83		ug/L			331	347	3	Standard
⌈>	In-1	115		ug/L			28664	24747	1	KED
⌈	Cd	111	24.657	ug/L	0.579	2	2	8951	1	KED
⌊	Cd	114	24.312	ug/L	0.424	1	6	22885	2	KED
⌈>	In	115		ug/L			1504071	1271244	2	Standard
⌈	Ag	107	27.158	ug/L	0.965	3	55	440474	1	Standard
⌈	Sb	121	0.065	ug/L	0.002	2	384	1504	0	Standard
⌊	Sb	123	0.063	ug/L	0.002	3	306	1143	0	Standard
⌈	Ba	135	31.925	ug/L	0.526	1	67	200003	0	Standard
⌊	Ba	137	31.959	ug/L	0.855	2	109	350610	0	Standard
⌈>	Tb	159		ug/L			2872466	2733420	1	Standard
⌈	Tl	205	21.534	ug/L	0.286	1	205	1941049	0	Standard
⌊	Pb	208	21.498	ug/L	0.245	1	585	2557642	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0193-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 12, 2021 23:38:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	Li	6		ug/L			1489558	1234116	2	Standard
	Be	9	44.735	ug/L	1.584	3	106	296994	1	Standard
	C	13		ug/L			33459	49350	0	Standard
	Cl	37		ug/L			7741297	7649021	1	Standard
>	Sc	45		ug/L			1887978	1757041	0	Standard
	Cr	52	151.974	ug/L	0.331	0	28380	4539801	0	Standard
	Cr	53	144.311	ug/L	1.134	0	465	521341	0	Standard
	Mn	55	274.642	ug/L	3.516	1	1023	12333259	0	Standard
>	Ge	72		ug/L			101459	87618	1	KED
	Ni	60	118.641	ug/L	1.362	1	26	196179	0	KED
	Ni	62	118.186	ug/L	0.534	0	5	32101	2	KED
	Cu	63	93.248	ug/L	0.752	0	142	445493	1	KED
	Cu	65	93.973	ug/L	1.116	1	70	221139	1	KED
	Zn	66	199.594	ug/L	3.759	1	239	131795	1	KED
	Zn	67	215.940	ug/L	3.096	1	44	23506	0	KED
	As	75	95.552	ug/L	0.464	0	4	30404	1	KED
	Se	78	95.342	ug/L	1.724	1	14	3446	1	KED
	Y	89		ug/L			908949	1230243	0	Standard
	Kr	83		ug/L			331	406	10	Standard
>	In-1	115		ug/L			28664	25575	0	KED
	Cd	111	115.472	ug/L	0.738	0	2	43322	0	KED
	Cd	114	116.372	ug/L	0.958	0	6	113185	0	KED
>	In	115		ug/L			1504071	1302908	1	Standard
	Ag	107	32.332	ug/L	0.280	0	55	537735	0	Standard
	Sb	121	6.780	ug/L	0.199	2	384	126786	1	Standard
	Sb	123	6.714	ug/L	0.151	2	306	96837	0	Standard
	Ba	135	390.228	ug/L	12.206	3	67	2504841	1	Standard
	Ba	137	389.685	ug/L	9.511	2	109	4381379	1	Standard
>	Tb	159		ug/L			2872466	2813342	0	Standard
	Tl	205	105.426	ug/L	0.139	0	205	9780986	0	Standard
	Pb	208	104.046	ug/L	0.473	0	585	12738961	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 23:42:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1489558	1241116	0	Standard
⌊	**Be**	**9**	**-0.003**	ug/L	0.002	46	106	66	15	Standard
	C	**13**		ug/L			33459	29458	1	Standard
	Cl	**37**		ug/L			7741297	7452146	0	Standard
⌈>	**Sc**	**45**		ug/L			1887978	1632245	1	Standard
⌈	**Cr**	**52**	**-0.002**	ug/L	0.013	734	28380	24487	1	Standard
⌊	**Cr**	**53**	**0.031**	ug/L	0.013	41	465	506	8	Standard
⌊	**Mn**	**55**	**0.026**	ug/L	0.001	5	1023	1957	2	Standard
⌈>	**Ge**	**72**		ug/L			101459	86984	0	KED
⌈	**Ni**	**60**	**0.010**	ug/L	0.008	77	26	40	32	KED
⌊	**Ni**	**62**	**0.050**	ug/L	0.035	70	5	17	53	KED
⌈	**Cu**	**63**	**0.005**	ug/L	0.002	30	142	146	5	KED
⌊	**Cu**	**65**	**0.003**	ug/L	0.003	97	70	67	10	KED
⌈	**Zn**	**66**	**0.073**	ug/L	0.051	69	239	252	12	KED
⌊	**Zn**	**67**	**0.088**	ug/L	0.060	67	44	47	14	KED
⌈	**As**	**75**	**0.005**	ug/L	0.005	97	4	5	30	KED
⌊	**Se**	**78**	**-0.038**	ug/L	0.046	120	14	11	15	KED
	Y	**89**		ug/L			908949	848582	1	Standard
	Kr	**83**		ug/L			331	328	9	Standard
⌈>	**In-1**	**115**		ug/L			28664	25101	1	KED
⌈	**Cd**	**111**	**0.010**	ug/L	0.007	69	2	6	39	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.002	56	6	9	20	KED
⌈>	**In**	**115**		ug/L			1504071	1292997	0	Standard
⌈	**Ag**	**107**	**0.002**	ug/L	0.000	17	55	88	7	Standard
⌈	**Sb**	**121**	**-0.014**	ug/L	0.000	3	384	74	10	Standard
⌊	**Sb**	**123**	**-0.015**	ug/L	0.001	4	306	54	18	Standard
⌈	**Ba**	**135**	**0.007**	ug/L	0.001	12	67	100	4	Standard
⌊	**Ba**	**137**	**0.008**	ug/L	0.002	25	109	184	12	Standard
⌈>	**Tb**	**159**		ug/L			2872466	2534389	0	Standard
⌈	**Tl**	**205**	**0.002**	ug/L	0.000	12	205	351	5	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	10	585	1015	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 23:48:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
⌈>	**Li**	**6**		ug/L			1489558	1195741	2	Standard
⌊	**Be**	**9**	**52.278**	ug/L	1.231	2	106	336328	0	Standard
	C	**13**		ug/L			33459	30047	2	Standard
	Cl	**37**		ug/L			7741297	7807067	1	Standard
⌈>	**Sc**	**45**		ug/L			1887978	1614561	1	Standard
⌈	**Cr**	**52**	**53.346**	ug/L	0.427	0	28380	1479997	0	Standard
⌊	**Cr**	**53**	**51.700**	ug/L	0.242	0	465	171879	0	Standard
⌊	**Mn**	**55**	**54.056**	ug/L	0.664	1	1023	2231206	0	Standard
⌈>	**Ge**	**72**		ug/L			101459	84031	0	KED
⌈	**Ni**	**60**	**47.713**	ug/L	0.600	1	26	75684	0	KED
⌊	**Ni**	**62**	**47.883**	ug/L	0.670	1	5	12474	0	KED
⌈	**Cu**	**63**	**48.568**	ug/L	0.719	1	142	222597	0	KED
⌊	**Cu**	**65**	**48.292**	ug/L	1.010	2	70	109011	1	KED
⌈	**Zn**	**66**	**47.837**	ug/L	0.748	1	239	30448	1	KED
⌊	**Zn**	**67**	**49.126**	ug/L	0.678	1	44	5157	1	KED
⌈	**As**	**75**	**50.095**	ug/L	0.432	0	4	15289	0	KED
⌊	**Se**	**78**	**50.123**	ug/L	0.536	1	14	1743	1	KED
	Y	**89**		ug/L			908949	834461	0	Standard
	Kr	**83**		ug/L			331	327	9	Standard
⌈>	**In-1**	**115**		ug/L			28664	24801	1	KED
⌈	**Cd**	**111**	**48.732**	ug/L	0.324	0	2	17730	1	KED
⌊	**Cd**	**114**	**48.658**	ug/L	0.552	1	6	45891	0	KED
⌈>	**In**	**115**		ug/L			1504071	1267327	1	Standard
⌈	**Ag**	**107**	**53.185**	ug/L	0.858	1	55	860283	0	Standard
⌈	**Sb**	**121**	**46.309**	ug/L	1.237	2	384	840530	2	Standard
⌊	**Sb**	**123**	**46.342**	ug/L	0.762	1	306	648628	0	Standard
⌈	**Ba**	**135**	**53.283**	ug/L	0.811	1	67	332778	0	Standard
⌊	**Ba**	**137**	**53.761**	ug/L	1.140	2	109	588049	1	Standard
⌈>	**Tb**	**159**		ug/L			2872466	2635248	0	Standard
⌈	**Tl**	**205**	**51.576**	ug/L	0.626	1	205	4482181	1	Standard
⌊	**Pb**	**208**	**48.019**	ug/L	0.279	0	585	5507498	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 12, 2021 23:55:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
>	**Li**	**6**		ug/L			1489558	1212122	0	Standard
	Be	**9**	**-0.004**	ug/L	0.001	32	106	59	15	Standard
	C	**13**		ug/L			33459	27817	0	Standard
	Cl	**37**		ug/L			7741297	7556258	1	Standard
>	**Sc**	**45**		ug/L			1887978	1636209	0	Standard
	Cr	**52**	**0.041**	ug/L	0.009	22	28380	25719	1	Standard
	Cr	**53**	**0.024**	ug/L	0.009	35	465	484	6	Standard
	Mn	**55**	**0.010**	ug/L	0.002	15	1023	1290	5	Standard
>	**Ge**	**72**		ug/L			101459	84208	1	KED
	Ni	**60**	**0.004**	ug/L	0.004	119	26	27	25	KED
	Ni	**62**	**0.042**	ug/L	0.001	2	5	15	0	KED
	Cu	**63**	**0.000**	ug/L	0.002	755	142	119	7	KED
	Cu	**65**	**-0.005**	ug/L	0.001	26	70	48	4	KED
	Zn	**66**	**0.020**	ug/L	0.041	205	239	211	13	KED
	Zn	**67**	**-0.049**	ug/L	0.080	164	44	31	24	KED
	As	**75**	**0.008**	ug/L	0.008	99	4	5	39	KED
	Se	**78**	**0.124**	ug/L	0.060	48	14	16	14	KED
	Y	**89**		ug/L			908949	836307	0	Standard
	Kr	**83**		ug/L			331	316	9	Standard
>	**In-1**	**115**		ug/L			28664	24896	1	KED
	Cd	**111**	**0.001**	ug/L	0.005	504	2	2	66	KED
	Cd	**114**	**-0.004**	ug/L	0.002	60	6	2	92	KED
>	**In**	**115**		ug/L			1504071	1280968	3	Standard
	Ag	**107**	**0.002**	ug/L	0.001	43	55	76	16	Standard
	Sb	**121**	**0.029**	ug/L	0.003	9	384	855	3	Standard
	Sb	**123**	**0.029**	ug/L	0.003	10	306	676	7	Standard
	Ba	**135**	**0.002**	ug/L	0.002	86	67	70	12	Standard
	Ba	**137**	**0.002**	ug/L	0.001	34	109	121	10	Standard
>	**Tb**	**159**		ug/L			2872466	2538045	0	Standard
	Tl	**205**	**0.001**	ug/L	0.000	37	205	290	14	Standard
	Pb	**208**	**0.002**	ug/L	0.000	2	585	780	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:00:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				27462	2	Standard
	Cl	**37**		ug/L				7717401	0	Standard
⎡>	**Sc**	**45**		ug/L				1663844	0	Standard
⎢	**Cr**	**52**		ug/L				26802	0	Standard
⎣	**Cr**	**53**		ug/L				533	4	Standard
⎡>	**Ge**	**72**		ug/L				85325	0	KED
⎢	**Ni**	**60**		ug/L				22	8	KED
⎢	**Ni**	**62**		ug/L				12	18	KED
⎢	**Cu**	**63**		ug/L				118	3	KED
⎢	**Cu**	**65**		ug/L				54	15	KED
⎢	**Zn**	**66**		ug/L				256	11	KED
⎢	**Zn**	**67**		ug/L				40	23	KED
⎣	**As**	**75**		ug/L				3	18	KED
	Y	**89**		ug/L				861378	1	Standard
	Kr	**83**		ug/L				329	4	Standard
⎡>	**In-1**	**115**		ug/L				24406	1	KED
⎢	**Cd**	**111**		ug/L				5	75	KED
⎣	**Cd**	**114**		ug/L				2	132	KED
⎡>	**In**	**115**		ug/L				1327259	2	Standard
⎢	**Ag**	**107**		ug/L				54	25	Standard
⎢	**Sb**	**121**		ug/L				294	11	Standard
⎣	**Sb**	**123**		ug/L				242	12	Standard
⎡>	**Tb**	**159**		ug/L				2573138	0	Standard
⎣	**Pb**	**208**		ug/L				766	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:04:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	29950	1	Standard
	Cl	**37**		ug/L			7717401	8059471	0	Standard
⎡>	**Sc**	**45**		ug/L			1663844	1670233	1	Standard
⎢	**Cr**	**52**	**52.431**	ug/L	0.505	0	26802	1507043	1	Standard
⎣	**Cr**	**53**	**50.579**	ug/L	0.995	1	533	174072	1	Standard
⎡>	**Ge**	**72**		ug/L			85325	84086	1	KED
⎢	**Ni**	**60**	**47.334**	ug/L	0.742	1	22	75131	1	KED
⎢	**Ni**	**62**	**47.207**	ug/L	1.148	2	12	12312	1	KED
⎢	**Cu**	**63**	**48.402**	ug/L	0.491	1	118	221980	1	KED
⎢	**Cu**	**65**	**47.549**	ug/L	0.554	1	54	107401	0	KED
⎢	**Zn**	**66**	**46.761**	ug/L	0.589	1	256	29843	1	KED
⎢	**Zn**	**67**	**48.019**	ug/L	0.637	1	40	5047	0	KED
⎣	**As**	**75**	**50.139**	ug/L	0.373	0	3	15312	1	KED
	Y	**89**		ug/L			861378	861147	1	Standard
	Kr	**83**		ug/L			329	351	9	Standard
⎡>	**In-1**	**115**		ug/L			24406	24787	1	KED
⎢	**Cd**	**111**	**48.438**	ug/L	1.407	2	5	17611	1	KED
⎣	**Cd**	**114**	**48.391**	ug/L	0.770	1	2	45607	0	KED
⎡>	**In**	**115**		ug/L			1327259	1301223	2	Standard
⎢	**Ag**	**107**	**52.194**	ug/L	0.855	1	54	866825	1	Standard
⎢	**Sb**	**121**	**45.761**	ug/L	1.756	3	294	852470	1	Standard
⎣	**Sb**	**123**	**46.319**	ug/L	0.738	1	242	665578	0	Standard
⎡>	**Tb**	**159**		ug/L			2573138	2671741	1	Standard
⎣	**Pb**	**208**	**47.283**	ug/L	0.305	0	766	5498122	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:11:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	27995	1	Standard
	Cl	**37**		ug/L			7717401	7819232	1	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1642548	0	Standard
|	**Cr**	**52**	**0.014**	ug/L	0.005	35	26802	26852	0	Standard
⌊	**Cr**	**53**	**-0.008**	ug/L	0.006	73	533	500	3	Standard
⌈>	**Ge**	**72**		ug/L			85325	85213	1	KED
|	**Ni**	**60**	**0.003**	ug/L	0.006	211	22	27	35	KED
|	**Ni**	**62**	**0.005**	ug/L	0.028	594	12	13	57	KED
|	**Cu**	**63**	**0.003**	ug/L	0.001	24	118	133	1	KED
|	**Cu**	**65**	**0.000**	ug/L	0.002	735	54	55	9	KED
|	**Zn**	**66**	**0.123**	ug/L	0.029	23	256	335	6	KED
|	**Zn**	**67**	**-0.035**	ug/L	0.082	233	40	36	22	KED
⌊	**As**	**75**	**0.008**	ug/L	0.003	36	3	5	17	KED
	Y	**89**		ug/L			861378	852052	0	Standard
	Kr	**83**		ug/L			329	356	2	Standard
⌈>	**In-1**	**115**		ug/L			24406	25368	0	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.004	128	5	4	35	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.002	57	2	5	32	KED
⌈>	**In**	**115**		ug/L			1327259	1331072	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	58	54	70	12	Standard
|	**Sb**	**121**	**0.034**	ug/L	0.001	2	294	933	2	Standard
⌊	**Sb**	**123**	**0.032**	ug/L	0.004	12	242	718	8	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2572291	2	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.001	172	766	802	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0258-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:15:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	33556	0	Standard
	Cl	**37**		ug/L			7717401	7772534	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1671689	0	Standard
|	**Cr**	**52**	**0.066**	ug/L	0.016	24	26802	28800	1	Standard
⌊	**Cr**	**53**	**0.017**	ug/L	0.002	12	533	593	0	Standard
⌈>	**Ge**	**72**		ug/L			85325	85850	1	KED
|	**Ni**	**60**	**0.007**	ug/L	0.003	47	22	33	14	KED
|	**Ni**	**62**	**-0.010**	ug/L	0.014	144	12	9	40	KED
|	**Cu**	**63**	**0.057**	ug/L	0.009	15	118	387	11	KED
|	**Cu**	**65**	**0.057**	ug/L	0.005	7	54	187	6	KED
|	**Zn**	**66**	**0.324**	ug/L	0.024	7	256	467	4	KED
|	**Zn**	**67**	**0.349**	ug/L	0.056	16	40	77	8	KED
⌊	**As**	**75**	**0.017**	ug/L	0.008	46	3	8	28	KED
	Y	**89**		ug/L			861378	869666	0	Standard
	Kr	**83**		ug/L			329	331	6	Standard
⌈>	**In-1**	**115**		ug/L			24406	25450	1	KED
|	**Cd**	**111**	**-0.011**	ug/L	0.002	14	5	1	43	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	2169	2	2	92	KED
⌈>	**In**	**115**		ug/L			1327259	1336248	1	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	1825	54	54	14	Standard
|	**Sb**	**121**	**0.004**	ug/L	0.002	40	294	372	7	Standard
⌊	**Sb**	**123**	**0.001**	ug/L	0.000	17	242	263	0	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2571044	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	55	766	885	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0258-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:19:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	41851	1	Standard
	Cl	**37**		ug/L			7717401	7832966	0	Standard
⎡>	**Sc**	**45**		ug/L			1663844	1712933	1	Standard
⎢	**Cr**	**52**	**26.183**	ug/L	0.341	1	26802	785560	0	Standard
⎣	**Cr**	**53**	**25.706**	ug/L	0.301	1	533	91003	0	Standard
⎡>	**Ge**	**72**		ug/L			85325	87834	1	KED
⎢	**Ni**	**60**	**23.801**	ug/L	0.116	0	22	39478	1	KED
⎢	**Ni**	**62**	**23.696**	ug/L	0.461	1	12	6463	1	KED
⎢	**Cu**	**63**	**24.143**	ug/L	0.783	3	118	115694	2	KED
⎢	**Cu**	**65**	**24.563**	ug/L	0.178	0	54	57987	1	KED
⎢	**Zn**	**66**	**75.808**	ug/L	0.835	1	256	50370	0	KED
⎢	**Zn**	**67**	**72.790**	ug/L	0.930	1	40	7973	2	KED
⎣	**As**	**75**	**24.238**	ug/L	0.225	0	3	7733	0	KED
	Y	**89**		ug/L			861378	881482	1	Standard
	Kr	**83**		ug/L			329	349	2	Standard
⎡>	**In-1**	**115**		ug/L			24406	25687	1	KED
⎢	**Cd**	**111**	**24.561**	ug/L	0.187	0	5	9259	1	KED
⎣	**Cd**	**114**	**24.372**	ug/L	0.486	1	2	23806	1	KED
⎡>	**In**	**115**		ug/L			1327259	1384121	0	Standard
⎢	**Ag**	**107**	**25.921**	ug/L	0.638	2	54	458056	2	Standard
⎢	**Sb**	**121**	**0.007**	ug/L	0.001	7	294	444	2	Standard
⎣	**Sb**	**123**	**0.007**	ug/L	0.000	2	242	355	0	Standard
⎡>	**Tb**	**159**		ug/L			2573138	2602719	0	Standard
⎣	**Pb**	**208**	**22.788**	ug/L	0.323	1	766	2581647	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0085-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:23:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	75289	1	Standard
	Cl	**37**		ug/L			7717401	7742707	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1671043	1	Standard
|	**Cr**	**52**	**0.509**	ug/L	0.036	7	26802	41282	1	Standard
⌊	**Cr**	**53**	**0.741**	ug/L	0.072	9	533	3077	6	Standard
⌈>	**Ge**	**72**		ug/L			85325	88907	0	KED
|	**Ni**	**60**	**348.134**	ug/L	3.411	0	22	584133	0	KED
|	**Ni**	**62**	**347.097**	ug/L	2.514	0	12	95657	0	KED
|	**Cu**	**63**	**458.796**	ug/L	3.436	0	118	2223814	0	KED
|	**Cu**	**65**	**418.963**	ug/L	2.123	0	54	1000227	0	KED
|	**Zn**	**66**	**407.603**	ug/L	1.176	0	256	272986	0	KED
|	**Zn**	**67**	**372.576**	ug/L	2.249	0	40	41133	0	KED
⌊	**As**	**75**	**0.231**	ug/L	0.032	13	3	77	12	KED
	Y	**89**		ug/L			861378	852878	1	Standard
	Kr	**83**		ug/L			329	338	7	Standard
⌈>	**In-1**	**115**		ug/L			24406	26190	1	KED
|	**Cd**	**111**	**0.006**	ug/L	0.006	96	5	7	30	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.002	34	2	9	25	KED
⌈>	**In**	**115**		ug/L			1327259	1328854	1	Standard
|	**Ag**	**107**	**0.031**	ug/L	0.003	9	54	579	7	Standard
|	**Sb**	**121**	**0.043**	ug/L	0.003	7	294	1111	7	Standard
⌊	**Sb**	**123**	**0.045**	ug/L	0.002	4	242	899	2	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2603250	0	Standard
⌊	**Pb**	**208**	**3.547**	ug/L	0.010	0	766	402583	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0085-02
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:28:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	76609	0	Standard
	Cl	**37**		ug/L			7717401	7781365	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1702303	0	Standard
|	**Cr**	**52**	**0.355**	ug/L	0.024	6	26802	37626	1	Standard
⌊	**Cr**	**53**	**0.552**	ug/L	0.018	3	533	2477	2	Standard
⌈>	**Ge**	**72**		ug/L			85325	87892	1	KED
|	**Ni**	**60**	**1.201**	ug/L	0.022	1	22	2015	1	KED
|	**Ni**	**62**	**1.377**	ug/L	0.064	4	12	387	3	KED
|	**Cu**	**63**	**73.991**	ug/L	0.146	0	118	354642	1	KED
|	**Cu**	**65**	**74.832**	ug/L	0.764	1	54	176654	1	KED
|	**Zn**	**66**	**126.285**	ug/L	1.565	1	256	83788	1	KED
|	**Zn**	**67**	**117.680**	ug/L	2.793	2	40	12874	3	KED
⌊	**As**	**75**	**0.132**	ug/L	0.019	14	3	45	12	KED
	Y	**89**		ug/L			861378	872748	1	Standard
	Kr	**83**		ug/L			329	331	3	Standard
⌈>	**In-1**	**115**		ug/L			24406	25841	1	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.005	116	5	3	50	KED
⌊	**Cd**	**114**	**0.006**	ug/L	0.002	35	2	8	26	KED
⌈>	**In**	**115**		ug/L			1327259	1356134	1	Standard
|	**Ag**	**107**	**0.008**	ug/L	0.001	9	54	191	6	Standard
|	**Sb**	**121**	**0.039**	ug/L	0.003	7	294	1060	5	Standard
⌊	**Sb**	**123**	**0.035**	ug/L	0.003	7	242	770	6	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2608114	1	Standard
⌊	**Pb**	**208**	**0.118**	ug/L	0.002	1	766	14219	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0258-DUP3
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:32:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	78567	1	Standard
	Cl	**37**		ug/L			7717401	7531188	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1732833	1	Standard
|	**Cr**	**52**	**0.339**	ug/L	0.018	5	26802	37845	1	Standard
⌊	**Cr**	**53**	**0.536**	ug/L	0.013	2	533	2465	1	Standard
⌈>	**Ge**	**72**		ug/L			85325	88340	0	KED
|	**Ni**	**60**	**1.228**	ug/L	0.028	2	22	2071	2	KED
|	**Ni**	**62**	**1.288**	ug/L	0.130	10	12	365	8	KED
|	**Cu**	**63**	**75.196**	ug/L	1.529	2	118	362230	1	KED
|	**Cu**	**65**	**75.558**	ug/L	1.014	1	54	179270	0	KED
|	**Zn**	**66**	**127.919**	ug/L	1.829	1	256	85303	1	KED
|	**Zn**	**67**	**118.678**	ug/L	2.966	2	40	13046	2	KED
⌊	**As**	**75**	**0.129**	ug/L	0.016	12	3	44	10	KED
	Y	**89**		ug/L			861378	878302	1	Standard
	Kr	**83**		ug/L			329	379	10	Standard
⌈>	**In-1**	**115**		ug/L			24406	26003	0	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.003	60	5	3	25	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.002	39	2	7	27	KED
⌈>	**In**	**115**		ug/L			1327259	1365638	2	Standard
|	**Ag**	**107**	**0.008**	ug/L	0.000	3	54	200	3	Standard
|	**Sb**	**121**	**0.035**	ug/L	0.002	6	294	986	4	Standard
⌊	**Sb**	**123**	**0.034**	ug/L	0.003	10	242	757	5	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2629690	0	Standard
⌊	**Pb**	**208**	**0.121**	ug/L	0.001	1	766	14582	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0258-MS3
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:37:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	72678	1	Standard
	Cl	**37**		ug/L			7717401	7566209	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1723141	0	Standard
|	**Cr**	**52**	**26.672**	ug/L	0.599	2	26802	804513	1	Standard
⌊	**Cr**	**53**	**26.168**	ug/L	0.377	1	533	93183	0	Standard
⌈>	**Ge**	**72**		ug/L			85325	88813	0	KED
|	**Ni**	**60**	**24.991**	ug/L	0.164	0	22	41910	0	KED
|	**Ni**	**62**	**25.500**	ug/L	0.920	3	12	7031	3	KED
|	**Cu**	**63**	**97.636**	ug/L	1.728	1	118	472837	1	KED
|	**Cu**	**65**	**98.022**	ug/L	0.575	0	54	233809	0	KED
|	**Zn**	**66**	**210.021**	ug/L	2.389	1	256	140632	0	KED
|	**Zn**	**67**	**195.793**	ug/L	2.115	1	40	21613	1	KED
⌊	**As**	**75**	**26.460**	ug/L	0.013	0	3	8536	0	KED
	Y	**89**		ug/L			861378	883431	1	Standard
	Kr	**83**		ug/L			329	308	9	Standard
⌈>	**In-1**	**115**		ug/L			24406	26059	2	KED
|	**Cd**	**111**	**26.271**	ug/L	0.576	2	5	10043	1	KED
⌊	**Cd**	**114**	**26.047**	ug/L	0.755	2	2	25804	2	KED
⌈>	**In**	**115**		ug/L			1327259	1387858	1	Standard
|	**Ag**	**107**	**25.862**	ug/L	0.622	2	54	458175	2	Standard
|	**Sb**	**121**	**0.046**	ug/L	0.002	3	294	1229	1	Standard
⌊	**Sb**	**123**	**0.045**	ug/L	0.004	8	242	949	6	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2625842	1	Standard
⌊	**Pb**	**208**	**23.118**	ug/L	0.320	1	766	2642314	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:42:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	30298	0	Standard
	Cl	**37**		ug/L			7717401	7595008	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1714541	1	Standard
|	**Cr**	**52**	**0.070**	ug/L	0.025	35	26802	29643	0	Standard
⌊	**Cr**	**53**	**0.016**	ug/L	0.005	31	533	606	1	Standard
⌈>	**Ge**	**72**		ug/L			85325	90130	0	KED
|	**Ni**	**60**	**0.007**	ug/L	0.004	55	22	35	17	KED
|	**Ni**	**62**	**-0.005**	ug/L	0.024	508	12	11	60	KED
|	**Cu**	**63**	**0.004**	ug/L	0.001	23	118	144	3	KED
|	**Cu**	**65**	**0.002**	ug/L	0.007	428	54	61	27	KED
|	**Zn**	**66**	**-0.011**	ug/L	0.001	13	256	263	0	KED
|	**Zn**	**67**	**0.031**	ug/L	0.076	246	40	45	19	KED
⌊	**As**	**75**	**0.004**	ug/L	0.005	123	3	4	34	KED
	Y	**89**		ug/L			861378	878261	2	Standard
	Kr	**83**		ug/L			329	326	4	Standard
⌈>	**In-1**	**115**		ug/L			24406	26765	1	KED
|	**Cd**	**111**	**-0.008**	ug/L	0.004	49	5	2	57	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.005	282	2	4	116	KED
⌈>	**In**	**115**		ug/L			1327259	1413924	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	112	54	67	16	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.000	4	294	102	8	Standard
⌊	**Sb**	**123**	**-0.011**	ug/L	0.000	0	242	86	1	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2619414	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	92	766	846	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: E226-12 TEST
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:46:57

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	68128	1	Standard
	Cl	**37**		ug/L			7717401	7356707	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1809813	0	Standard
|	**Cr**	**52**	**1.441**	ug/L	0.012	0	26802	73242	0	Standard
⌊	**Cr**	**53**	**1.647**	ug/L	0.029	1	533	6702	1	Standard
⌈>	**Ge**	**72**		ug/L			85325	88079	1	KED
|	**Ni**	**60**	**0.248**	ug/L	0.020	7	22	435	6	KED
|	**Ni**	**62**	**0.229**	ug/L	0.056	24	12	74	19	KED
|	**Cu**	**63**	**2.832**	ug/L	0.077	2	118	13719	2	KED
|	**Cu**	**65**	**2.763**	ug/L	0.112	4	54	6589	3	KED
|	**Zn**	**66**	**1.826**	ug/L	0.041	2	256	1474	1	KED
|	**Zn**	**67**	**2.059**	ug/L	0.235	11	40	266	8	KED
⌊	**As**	**75**	**1.857**	ug/L	0.061	3	3	596	3	KED
	Y	**89**		ug/L			861378	916804	1	Standard
	Kr	**83**		ug/L			329	332	7	Standard
⌈>	**In-1**	**115**		ug/L			24406	25843	1	KED
|	**Cd**	**111**	**0.002**	ug/L	0.007	297	5	6	45	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.001	97	2	1	131	KED
⌈>	**In**	**115**		ug/L			1327259	1330478	2	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	23	54	93	9	Standard
|	**Sb**	**121**	**0.010**	ug/L	0.002	16	294	485	8	Standard
⌊	**Sb**	**123**	**0.011**	ug/L	0.001	8	242	399	4	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2681809	0	Standard
⌊	**Pb**	**208**	**0.395**	ug/L	0.001	0	766	46875	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: E226-12 RHN
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:51:21

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	92217	1	Standard
	Cl	**37**		ug/L			7717401	7731807	1	Standard
⌈>	**Sc**	**45**		ug/L			1663844	2485790	0	Standard
|	**Cr**	**52**	**5.370**	ug/L	0.067	1	26802	265640	0	Standard
⌊	**Cr**	**53**	**6.553**	ug/L	0.051	0	533	34265	0	Standard
⌈>	**Ge**	**72**		ug/L			85325	85252	0	KED
|	**Ni**	**60**	**1.392**	ug/L	0.018	1	22	2261	1	KED
|	**Ni**	**62**	**1.315**	ug/L	0.109	8	12	359	7	KED
|	**Cu**	**63**	**14.362**	ug/L	0.066	0	118	66865	0	KED
|	**Cu**	**65**	**14.327**	ug/L	0.105	0	54	32851	0	KED
|	**Zn**	**66**	**8.041**	ug/L	0.096	1	256	5415	1	KED
|	**Zn**	**67**	**8.820**	ug/L	0.298	3	40	972	2	KED
⌊	**As**	**75**	**8.110**	ug/L	0.045	0	3	2513	0	KED
	Y	**89**		ug/L			861378	1178757	0	Standard
	Kr	**83**		ug/L			329	387	6	Standard
⌈>	**In-1**	**115**		ug/L			24406	24981	0	KED
|	**Cd**	**111**	**0.002**	ug/L	0.006	263	5	6	36	KED
⌊	**Cd**	**114**	**0.020**	ug/L	0.007	32	2	21	28	KED
⌈>	**In**	**115**		ug/L			1327259	1349406	1	Standard
|	**Ag**	**107**	**0.019**	ug/L	0.000	2	54	381	2	Standard
|	**Sb**	**121**	**0.106**	ug/L	0.010	9	294	2342	6	Standard
⌊	**Sb**	**123**	**0.103**	ug/L	0.008	7	242	1780	5	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2981923	0	Standard
⌊	**Pb**	**208**	**1.864**	ug/L	0.011	0	766	242735	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 00:58:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	29990	1	Standard
	Cl	**37**		ug/L			7717401	7241339	1	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1729239	0	Standard
|	**Cr**	**52**	**0.096**	ug/L	0.008	8	26802	30670	0	Standard
⌊	**Cr**	**53**	**0.015**	ug/L	0.004	26	533	606	2	Standard
⌈>	**Ge**	**72**		ug/L			85325	90124	0	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.003	919	22	23	24	KED
|	**Ni**	**62**	**0.007**	ug/L	0.022	329	12	14	41	KED
|	**Cu**	**63**	**0.000**	ug/L	0.001	318	118	126	5	KED
|	**Cu**	**65**	**0.002**	ug/L	0.005	297	54	61	18	KED
|	**Zn**	**66**	**0.026**	ug/L	0.044	171	256	288	10	KED
|	**Zn**	**67**	**0.008**	ug/L	0.085	1009	40	43	21	KED
⌊	**As**	**75**	**0.007**	ug/L	0.002	31	3	5	13	KED
	Y	**89**		ug/L			861378	889732	0	Standard
	Kr	**83**		ug/L			329	367	10	Standard
⌈>	**In-1**	**115**		ug/L			24406	26860	0	KED
|	**Cd**	**111**	**-0.007**	ug/L	0.004	60	5	2	57	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.005	280	2	4	115	KED
⌈>	**In**	**115**		ug/L			1327259	1403831	0	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	44	54	52	4	Standard
|	**Sb**	**121**	**-0.012**	ug/L	0.001	5	294	74	18	Standard
⌊	**Sb**	**123**	**-0.013**	ug/L	0.001	4	242	49	20	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2615396	1	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	37	766	824	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:02:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	30554	0	Standard
	Cl	**37**		ug/L			7717401	8025084	1	Standard
⎡>	**Sc**	**45**		ug/L			1663844	1696605	3	Standard
⎢	**Cr**	**52**	**53.631**	ug/L	1.728	3	26802	1564266	0	Standard
⎣	**Cr**	**53**	**51.789**	ug/L	2.075	4	533	180912	1	Standard
⎡>	**Ge**	**72**		ug/L			85325	88651	1	KED
⎢	**Ni**	**60**	**47.899**	ug/L	0.354	0	22	80156	0	KED
⎢	**Ni**	**62**	**47.440**	ug/L	1.503	3	12	13044	2	KED
⎢	**Cu**	**63**	**48.046**	ug/L	0.363	0	118	232312	1	KED
⎢	**Cu**	**65**	**48.196**	ug/L	0.696	1	54	114769	0	KED
⎢	**Zn**	**66**	**47.321**	ug/L	0.971	2	256	31831	0	KED
⎢	**Zn**	**67**	**48.085**	ug/L	1.211	2	40	5328	1	KED
⎣	**As**	**75**	**49.980**	ug/L	0.459	0	3	16091	0	KED
	Y	**89**		ug/L			861378	878222	3	Standard
	Kr	**83**		ug/L			329	347	2	Standard
⎡>	**In-1**	**115**		ug/L			24406	25991	1	KED
⎢	**Cd**	**111**	**48.631**	ug/L	0.838	1	5	18543	0	KED
⎣	**Cd**	**114**	**48.289**	ug/L	0.790	1	2	47726	1	KED
⎡>	**In**	**115**		ug/L			1327259	1369402	3	Standard
⎢	**Ag**	**107**	**51.898**	ug/L	0.961	1	54	906889	1	Standard
⎢	**Sb**	**121**	**46.292**	ug/L	0.568	1	294	907798	1	Standard
⎣	**Sb**	**123**	**46.884**	ug/L	1.987	4	242	708527	1	Standard
⎡>	**Tb**	**159**		ug/L			2573138	2639805	1	Standard
⎣	**Pb**	**208**	**49.404**	ug/L	1.004	2	766	5675855	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:09:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	28827	1	Standard
	Cl	**37**		ug/L			7717401	7808425	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1720048	1	Standard
|	**Cr**	**52**	**0.037**	ug/L	0.018	47	26802	28779	1	Standard
⌊	**Cr**	**53**	**0.007**	ug/L	0.008	121	533	575	4	Standard
⌈>	**Ge**	**72**		ug/L			85325	88644	0	KED
|	**Ni**	**60**	**0.005**	ug/L	0.005	93	22	32	25	KED
|	**Ni**	**62**	**-0.020**	ug/L	0.011	52	12	6	41	KED
|	**Cu**	**63**	**0.001**	ug/L	0.001	128	118	128	6	KED
|	**Cu**	**65**	**0.003**	ug/L	0.004	125	54	64	14	KED
|	**Zn**	**66**	**0.045**	ug/L	0.009	20	256	296	1	KED
|	**Zn**	**67**	**0.038**	ug/L	0.036	96	40	45	8	KED
⌊	**As**	**75**	**0.005**	ug/L	0.004	77	3	4	26	KED
	Y	**89**		ug/L			861378	878063	2	Standard
	Kr	**83**		ug/L			329	352	12	Standard
⌈>	**In-1**	**115**		ug/L			24406	26463	2	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.005	105	5	3	50	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.007	228	2	5	126	KED
⌈>	**In**	**115**		ug/L			1327259	1402631	0	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	314	54	63	28	Standard
|	**Sb**	**121**	**0.028**	ug/L	0.002	7	294	868	5	Standard
⌊	**Sb**	**123**	**0.026**	ug/L	0.001	4	242	656	2	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2570513	2	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	95	766	826	6	Standard

21F

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~12F~~0392-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:13:17
Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45628	1	Standard
	Cl	37		ug/L			7717401	7963070	1	Standard
⌈>	Sc	45		ug/L			1663844	1791527	0	Standard
|	Cr	52	11.037	ug/L	0.172	1	26802	363043	0	Standard
⌊	Cr	53	10.919	ug/L	0.113	1	533	40760	0	Standard
⌈>	Ge	72		ug/L			85325	89380	0	KED
|	Ni	60	11.516	ug/L	0.294	2	22	19448	2	KED
|	Ni	62	11.468	ug/L	0.573	4	12	3189	4	KED
|	Cu	63	6.835	ug/L	0.032	0	118	33425	0	KED
|	Cu	65	6.832	ug/L	0.166	2	54	16453	2	KED
|	Zn	66	21.322	ug/L	0.330	1	256	14610	1	KED
|	Zn	67	20.570	ug/L	0.647	3	40	2322	3	KED
⌊	As	75	1.797	ug/L	0.073	4	3	586	3	KED
	Y	89		ug/L			861378	1002882	2	Standard
	Kr	83		ug/L			329	370	7	Standard
⌈>	In-1	115		ug/L			24406	26453	1	KED
|	Cd	111	0.087	ug/L	0.018	20	5	39	16	KED
⌊	Cd	114	0.102	ug/L	0.020	20	2	105	20	KED
⌈>	In	115		ug/L			1327259	1446674	0	Standard
|	Ag	107	0.038	ug/L	0.002	5	54	763	4	Standard
|	Sb	121	0.005	ug/L	0.001	15	294	430	4	Standard
⌊	Sb	123	0.005	ug/L	0.001	20	242	343	4	Standard
⌈>	Tb	159		ug/L			2573138	2729425	1	Standard
⌊	Pb	208	4.928	ug/L	0.092	1	766	586142	0	Standard

ICP-MS Quantitative Analysis - Summary Report

21F

Sample ID: ~~12F~~0392-02

Sample Dil Factor: 20

Comments:

Sample Date/Time: Tuesday, July 13, 2021 01:17:17

Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45798	1	Standard
	Cl	37		ug/L			7717401	7855703	0	Standard
⌈>	Sc	45		ug/L			1663844	1852771	0	Standard
|	Cr	52	15.354	ug/L	0.223	1	26802	510666	1	Standard
⌊	Cr	53	14.883	ug/L	0.220	1	533	57244	1	Standard
⌈>	Ge	72		ug/L			85325	91005	0	KED
|	Ni	60	16.484	ug/L	0.244	1	22	28335	1	KED
|	Ni	62	17.080	ug/L	0.237	1	12	4830	1	KED
|	Cu	63	13.196	ug/L	0.179	1	118	65594	1	KED
|	Cu	65	13.187	ug/L	0.060	0	54	32283	0	KED
|	Zn	66	28.465	ug/L	0.531	1	256	19767	1	KED
|	Zn	67	27.537	ug/L	0.313	1	40	3151	0	KED
⌊	As	75	2.411	ug/L	0.043	1	3	800	1	KED
	Y	89		ug/L			861378	1087357	1	Standard
	Kr	83		ug/L			329	387	11	Standard
⌈>	In-1	115		ug/L			24406	27227	1	KED
|	Cd	111	0.096	ug/L	0.011	11	5	43	8	KED
⌊	Cd	114	0.095	ug/L	0.016	16	2	100	17	KED
⌈>	In	115		ug/L			1327259	1418921	1	Standard
|	Ag	107	0.084	ug/L	0.004	4	54	1574	3	Standard
|	Sb	121	-0.000	ug/L	0.002	136115	294	314	14	Standard
⌊	Sb	123	-0.001	ug/L	0.002	365	242	249	15	Standard
⌈>	Tb	159		ug/L			2573138	2776072	0	Standard
⌊	Pb	208	8.881	ug/L	0.092	1	766	1073721	0	Standard

ICP-MS Quantitative Analysis - Summary Report

21F

Sample ID: ~~12F~~**0392-03**

Sample Dil Factor: **20**

Comments:

Sample Date/Time: Tuesday, July 13, 2021 01:21:18

Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45403	1	Standard
	Cl	37		ug/L			7717401	7893820	0	Standard
>	Sc	45		ug/L			1663844	1844761	1	Standard
	Cr	52	8.308	ug/L	0.101	1	26802	288743	0	Standard
	Cr	53	8.077	ug/L	0.030	0	533	31203	0	Standard
>	Ge	72		ug/L			85325	91533	0	KED
	Ni	60	10.051	ug/L	0.067	0	22	17386	0	KED
	Ni	62	10.264	ug/L	0.163	1	12	2924	1	KED
	Cu	63	4.174	ug/L	0.047	1	118	20955	0	KED
	Cu	65	4.192	ug/L	0.053	1	54	10361	1	KED
	Zn	66	16.130	ug/L	0.277	1	256	11386	1	KED
	Zn	67	15.816	ug/L	0.369	2	40	1838	2	KED
	As	75	1.476	ug/L	0.031	2	3	493	2	KED
	Y	89		ug/L			861378	1020541	0	Standard
	Kr	83		ug/L			329	358	2	Standard
>	In-1	115		ug/L			24406	27363	1	KED
	Cd	111	0.032	ug/L	0.009	27	5	18	19	KED
	Cd	114	0.038	ug/L	0.008	20	2	41	18	KED
>	In	115		ug/L			1327259	1455524	0	Standard
	Ag	107	0.033	ug/L	0.001	3	54	677	3	Standard
	Sb	121	-0.004	ug/L	0.001	28	294	240	9	Standard
	Sb	123	-0.004	ug/L	0.002	39	242	197	12	Standard
>	Tb	159		ug/L			2573138	2771415	1	Standard
	Pb	208	4.531	ug/L	0.049	1	766	547232	0	Standard

ICP-MS Quantitative Analysis - Summary Report

21F

Sample ID: ~~12F~~**0392-04**
Sample Dil Factor: **20**
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:25:18
Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	44892	1	Standard
	Cl	37		ug/L			7717401	7941217	0	Standard
⌈>	Sc	45		ug/L			1663844	1792083	0	Standard
|	Cr	52	8.686	ug/L	0.130	1	26802	291941	0	Standard
⌊	Cr	53	8.442	ug/L	0.173	2	533	31653	1	Standard
⌈>	Ge	72		ug/L			85325	91321	0	KED
|	Ni	60	9.341	ug/L	0.108	1	22	16123	0	KED
|	Ni	62	8.726	ug/L	0.227	2	12	2482	2	KED
|	Cu	63	3.293	ug/L	0.041	1	118	16521	0	KED
|	Cu	65	3.332	ug/L	0.089	2	54	8229	2	KED
|	Zn	66	13.023	ug/L	0.337	2	256	9224	2	KED
|	Zn	67	12.547	ug/L	0.215	1	40	1464	1	KED
⌊	As	75	1.435	ug/L	0.046	3	3	479	3	KED
	Y	89		ug/L			861378	995531	0	Standard
	Kr	83		ug/L			329	373	4	Standard
⌈>	In-1	115		ug/L			24406	27370	1	KED
|	Cd	111	0.046	ug/L	0.001	2	5	24	2	KED
⌊	Cd	114	0.036	ug/L	0.004	10	2	39	9	KED
⌈>	In	115		ug/L			1327259	1435172	0	Standard
|	Ag	107	0.028	ug/L	0.001	4	54	568	3	Standard
|	Sb	121	-0.007	ug/L	0.001	12	294	181	10	Standard
⌊	Sb	123	-0.008	ug/L	0.001	9	242	142	8	Standard
⌈>	Tb	159		ug/L			2573138	2726162	0	Standard
⌊	Pb	208	3.496	ug/L	0.026	0	766	415589	0	Standard

ICP-MS Quantitative Analysis - Summary Report

21F

Sample ID: ~~12F~~**0392-05**

Sample Dil Factor: **20**

Comments:

Sample Date/Time: Tuesday, July 13, 2021 01:29:18

Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	46735	0	Standard
	Cl	37		ug/L			7717401	7904773	1	Standard
>	Sc	45		ug/L			1663844	1837497	0	Standard
	Cr	52	10.020	ug/L	0.123	1	26802	340805	1	Standard
	Cr	53	9.827	ug/L	0.163	1	533	37683	1	Standard
>	Ge	72		ug/L			85325	92374	1	KED
	Ni	60	12.496	ug/L	0.316	2	22	21803	1	KED
	Ni	62	12.558	ug/L	0.217	1	12	3608	1	KED
	Cu	63	5.825	ug/L	0.072	1	118	29457	0	KED
	Cu	65	5.751	ug/L	0.106	1	54	14320	0	KED
	Zn	66	20.703	ug/L	0.488	2	256	14665	0	KED
	Zn	67	20.057	ug/L	1.442	7	40	2340	6	KED
	As	75	2.375	ug/L	0.092	3	3	799	2	KED
	Y	89		ug/L			861378	1031216	1	Standard
	Kr	83		ug/L			329	379	15	Standard
>	In-1	115		ug/L			24406	27614	1	KED
	Cd	111	0.143	ug/L	0.036	25	5	63	22	KED
	Cd	114	0.164	ug/L	0.006	3	2	174	3	KED
>	In	115		ug/L			1327259	1433953	0	Standard
	Ag	107	0.079	ug/L	0.001	1	54	1508	0	Standard
	Sb	121	-0.004	ug/L	0.000	8	294	245	2	Standard
	Sb	123	-0.005	ug/L	0.001	17	242	189	6	Standard
>	Tb	159		ug/L			2573138	2780936	1	Standard
	Pb	208	7.617	ug/L	0.106	1	766	922555	0	Standard

ICP-MS Quantitative Analysis - Summary Report

21F

Sample ID: ~~12F~~0392-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:33:19
Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45512	0	Standard
	Cl	37		ug/L			7717401	7882419	0	Standard
⌈>	Sc	45		ug/L			1663844	1800217	1	Standard
|	Cr	52	10.084	ug/L	0.071	0	26802	335829	1	Standard
⌊	Cr	53	9.852	ug/L	0.103	1	533	37018	2	Standard
⌈>	Ge	72		ug/L			85325	90830	1	KED
|	Ni	60	12.288	ug/L	0.083	0	22	21087	0	KED
|	Ni	62	12.238	ug/L	0.393	3	12	3458	3	KED
|	Cu	63	6.400	ug/L	0.105	1	118	31815	1	KED
|	Cu	65	6.331	ug/L	0.112	1	54	15497	0	KED
|	Zn	66	31.619	ug/L	0.467	1	256	21884	1	KED
|	Zn	67	31.028	ug/L	0.635	2	40	3538	0	KED
⌊	As	75	3.679	ug/L	0.051	1	3	1216	2	KED
	Y	89		ug/L			861378	1017561	0	Standard
	Kr	83		ug/L			329	366	10	Standard
⌈>	In-1	115		ug/L			24406	27015	0	KED
|	Cd	111	0.130	ug/L	0.009	6	5	57	5	KED
⌊	Cd	114	0.057	ug/L	0.043	74	2	61	71	KED
⌈>	In	115		ug/L			1327259	1481094	1	Standard
|	Ag	107	0.052	ug/L	0.004	7	54	1045	7	Standard
|	Sb	121	-0.002	ug/L	0.001	68	294	293	6	Standard
⌊	Sb	123	-0.003	ug/L	0.001	22	242	215	5	Standard
⌈>	Tb	159		ug/L			2573138	2779151	1	Standard
⌊	Pb	208	26.901	ug/L	0.168	0	766	3254255	0	Standard

ICP-MS Quantitative Analysis - Summary Report

21F

Sample ID: ~~12F~~**0392-13**
Sample Dil Factor: **20**
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:37:20
Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45774	0	Standard
	Cl	37		ug/L			7717401	7993068	1	Standard
⌈>	Sc	45		ug/L			1663844	1861553	0	Standard
|	Cr	52	11.972	ug/L	0.050	0	26802	406679	0	Standard
⌊	Cr	53	11.664	ug/L	0.089	0	533	45205	1	Standard
⌈>	Ge	72		ug/L			85325	92044	0	KED
|	Ni	60	14.952	ug/L	0.293	1	22	25996	1	KED
|	Ni	62	14.872	ug/L	0.234	1	12	4255	1	KED
|	Cu	63	5.396	ug/L	0.094	1	118	27204	1	KED
|	Cu	65	5.375	ug/L	0.139	2	54	13343	2	KED
|	Zn	66	18.935	ug/L	0.314	1	256	13392	1	KED
|	Zn	67	19.134	ug/L	0.596	3	40	2228	3	KED
⌊	As	75	1.436	ug/L	0.018	1	3	483	1	KED
	Y	89		ug/L			861378	1047981	0	Standard
	Kr	83		ug/L			329	358	1	Standard
⌈>	In-1	115		ug/L			24406	27096	2	KED
|	Cd	111	0.048	ug/L	0.003	7	5	24	7	KED
⌊	Cd	114	0.055	ug/L	0.003	4	2	59	6	KED
⌈>	In	115		ug/L			1327259	1459049	1	Standard
|	Ag	107	0.028	ug/L	0.001	2	54	584	1	Standard
|	Sb	121	-0.007	ug/L	0.001	10	294	182	6	Standard
⌊	Sb	123	-0.007	ug/L	0.001	12	242	146	11	Standard
⌈>	Tb	159		ug/L			2573138	2799048	1	Standard
⌊	Pb	208	3.123	ug/L	0.049	1	766	381210	0	Standard

21F

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~12F~~0392-14
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:41:20
Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	47466	1	Standard
	Cl	37		ug/L			7717401	8029552	1	Standard
⌈>	Sc	45		ug/L			1663844	1878430	1	Standard
|	Cr	52	17.283	ug/L	0.342	1	26802	578859	0	Standard
⌊	Cr	53	16.796	ug/L	0.335	1	533	65405	0	Standard
⌈>	Ge	72		ug/L			85325	92037	1	KED
|	Ni	60	20.405	ug/L	0.257	1	22	35463	0	KED
|	Ni	62	20.312	ug/L	0.277	1	12	5806	0	KED
|	Cu	63	5.098	ug/L	0.079	1	118	25704	1	KED
|	Cu	65	5.106	ug/L	0.042	0	54	12676	0	KED
|	Zn	66	21.794	ug/L	0.731	3	256	15368	2	KED
|	Zn	67	22.099	ug/L	0.397	1	40	2565	0	KED
⌊	As	75	1.321	ug/L	0.053	4	3	444	5	KED
	Y	89		ug/L			861378	1104508	0	Standard
	Kr	83		ug/L			329	386	6	Standard
⌈>	In-1	115		ug/L			24406	27572	2	KED
|	Cd	111	0.042	ug/L	0.003	5	5	22	4	KED
⌊	Cd	114	0.040	ug/L	0.010	25	2	44	24	KED
⌈>	In	115		ug/L			1327259	1453672	0	Standard
|	Ag	107	0.026	ug/L	0.002	6	54	539	5	Standard
|	Sb	121	-0.008	ug/L	0.001	7	294	161	7	Standard
⌊	Sb	123	-0.007	ug/L	0.001	20	242	153	14	Standard
⌈>	Tb	159		ug/L			2573138	2816206	1	Standard
⌊	Pb	208	3.361	ug/L	0.035	1	766	412706	0	Standard

21F

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~12F~~0392-15
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:45:44
Number of Replicates: 3

MB 7/12/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	48705	1	Standard
	Cl	37		ug/L			7717401	8012430	0	Standard
⌈>	Sc	45		ug/L			1663844	1856508	0	Standard
|	Cr	52	17.823	ug/L	0.085	0	26802	589189	1	Standard
⌊	Cr	53	17.348	ug/L	0.298	1	533	66757	0	Standard
⌈>	Ge	72		ug/L			85325	91224	0	KED
|	Ni	60	18.903	ug/L	0.543	2	22	32564	2	KED
|	Ni	62	19.090	ug/L	0.072	0	12	5410	0	KED
|	Cu	63	5.578	ug/L	0.031	0	118	27868	1	KED
|	Cu	65	5.705	ug/L	0.043	0	54	14032	0	KED
|	Zn	66	21.267	ug/L	0.409	1	256	14873	1	KED
|	Zn	67	20.696	ug/L	0.256	1	40	2384	1	KED
⌊	As	75	1.566	ug/L	0.063	4	3	522	3	KED
	Y	89		ug/L			861378	1061821	1	Standard
	Kr	83		ug/L			329	351	2	Standard
⌈>	In-1	115		ug/L			24406	27175	1	KED
|	Cd	111	0.082	ug/L	0.026	31	5	38	27	KED
⌊	Cd	114	0.073	ug/L	0.009	12	2	77	11	KED
⌈>	In	115		ug/L			1327259	1454389	1	Standard
|	Ag	107	0.036	ug/L	0.001	3	54	730	2	Standard
|	Sb	121	-0.008	ug/L	0.000	2	294	150	2	Standard
⌊	Sb	123	-0.008	ug/L	0.001	8	242	138	8	Standard
⌈>	Tb	159		ug/L			2573138	2790427	1	Standard
⌊	Pb	208	3.550	ug/L	0.057	1	766	431811	0	Standard

21F

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~12F~~0392-16
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:51:08

MB 7/12/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45190	1	Standard
	Cl	37		ug/L			7717401	8022355	0	Standard
⌈>	Sc	45		ug/L			1663844	1866606	1	Standard
|	Cr	52	15.358	ug/L	0.078	0	26802	514622	1	Standard
⌊	Cr	53	14.770	ug/L	0.140	0	533	57239	1	Standard
⌈>	Ge	72		ug/L			85325	89718	0	KED
|	Ni	60	16.697	ug/L	0.312	1	22	28293	1	KED
|	Ni	62	17.034	ug/L	0.654	3	12	4750	4	KED
|	Cu	63	5.681	ug/L	0.094	1	118	27909	0	KED
|	Cu	65	5.758	ug/L	0.069	1	54	13926	0	KED
|	Zn	66	20.739	ug/L	0.051	0	256	14272	0	KED
|	Zn	67	20.367	ug/L	0.755	3	40	2308	3	KED
⌊	As	75	1.606	ug/L	0.015	0	3	526	0	KED
	Y	89		ug/L			861378	1054810	1	Standard
	Kr	83		ug/L			329	353	4	Standard
⌈>	In-1	115		ug/L			24406	27208	0	KED
|	Cd	111	0.070	ug/L	0.008	11	5	33	9	KED
⌊	Cd	114	0.065	ug/L	0.017	26	2	69	25	KED
⌈>	In	115		ug/L			1327259	1484648	0	Standard
|	Ag	107	0.066	ug/L	0.001	2	54	1304	1	Standard
|	Sb	121	-0.006	ug/L	0.000	4	294	212	3	Standard
⌊	Sb	123	-0.006	ug/L	0.002	33	242	178	17	Standard
⌈>	Tb	159		ug/L			2573138	2810540	1	Standard
⌊	Pb	208	10.825	ug/L	0.164	1	766	1324704	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 01:58:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	31006	0	Standard
	Cl	**37**		ug/L			7717401	8248544	1	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1741508	0	Standard
|	**Cr**	**52**	**52.682**	ug/L	0.848	1	26802	1578857	2	Standard
⌊	**Cr**	**53**	**51.281**	ug/L	0.433	0	533	184028	0	Standard
⌈>	**Ge**	**72**		ug/L			85325	89140	1	KED
|	**Ni**	**60**	**47.869**	ug/L	0.888	1	22	80544	1	KED
|	**Ni**	**62**	**47.618**	ug/L	0.747	1	12	13167	0	KED
|	**Cu**	**63**	**48.516**	ug/L	0.377	0	118	235877	0	KED
|	**Cu**	**65**	**47.865**	ug/L	1.009	2	54	114617	2	KED
|	**Zn**	**66**	**46.837**	ug/L	0.859	1	256	31687	1	KED
|	**Zn**	**67**	**47.440**	ug/L	1.212	2	40	5286	1	KED
⌊	**As**	**75**	**49.503**	ug/L	0.500	1	3	16027	1	KED
	Y	**89**		ug/L			861378	902665	0	Standard
	Kr	**83**		ug/L			329	361	1	Standard
⌈>	**In-1**	**115**		ug/L			24406	26836	0	KED
|	**Cd**	**111**	**48.016**	ug/L	0.473	0	5	18906	0	KED
⌊	**Cd**	**114**	**47.824**	ug/L	0.540	1	2	48806	0	KED
⌈>	**In**	**115**		ug/L			1327259	1415469	1	Standard
|	**Ag**	**107**	**51.203**	ug/L	0.446	0	54	925277	2	Standard
|	**Sb**	**121**	**45.840**	ug/L	0.556	1	294	929354	1	Standard
⌊	**Sb**	**123**	**46.517**	ug/L	0.340	0	242	727235	0	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2729356	0	Standard
⌊	**Pb**	**208**	**49.467**	ug/L	0.346	0	766	5876285	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:05:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	28733	0	Standard
	Cl	**37**		ug/L			7717401	7835168	1	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1765150	1	Standard
|	**Cr**	**52**	**0.020**	ug/L	0.017	85	26802	29036	0	Standard
⌊	**Cr**	**53**	**-0.038**	ug/L	0.003	8	533	427	3	Standard
⌈>	**Ge**	**72**		ug/L			85325	89872	1	KED
|	**Ni**	**60**	**0.004**	ug/L	0.006	142	22	31	34	KED
|	**Ni**	**62**	**-0.025**	ug/L	0.011	45	12	5	57	KED
|	**Cu**	**63**	**0.001**	ug/L	0.003	591	118	126	12	KED
|	**Cu**	**65**	**0.001**	ug/L	0.004	410	54	59	15	KED
|	**Zn**	**66**	**0.021**	ug/L	0.042	206	256	283	8	KED
|	**Zn**	**67**	**0.079**	ug/L	0.135	170	40	50	28	KED
⌊	**As**	**75**	**0.007**	ug/L	0.007	98	3	5	43	KED
	Y	**89**		ug/L			861378	904932	1	Standard
	Kr	**83**		ug/L			329	375	3	Standard
⌈>	**In-1**	**115**		ug/L			24406	27169	2	KED
|	**Cd**	**111**	**-0.005**	ug/L	0.004	71	5	3	41	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.004	107	2	6	69	KED
⌈>	**In**	**115**		ug/L			1327259	1430208	1	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	125	54	67	13	Standard
|	**Sb**	**121**	**0.029**	ug/L	0.002	5	294	909	1	Standard
⌊	**Sb**	**123**	**0.027**	ug/L	0.001	4	242	694	2	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2643538	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	12	766	878	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0195-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:09:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	48550	0	Standard
	Cl	37		ug/L			7717401	7870491	0	Standard
⌈>	Sc	45		ug/L			1663844	1781831	0	Standard
|	Cr	52	0.085	ug/L	0.004	4	26802	31271	0	Standard
⌊	Cr	53	-0.021	ug/L	0.006	26	533	493	4	Standard
⌈>	Ge	72		ug/L			85325	92761	0	KED
|	Ni	60	0.000	ug/L	0.002	513	22	25	11	KED
|	Ni	62	0.001	ug/L	0.020	2444	12	13	42	KED
|	Cu	63	0.009	ug/L	0.003	34	118	173	8	KED
|	Cu	65	0.021	ug/L	0.004	19	54	111	9	KED
|	Zn	66	-0.096	ug/L	0.023	23	256	212	8	KED
|	Zn	67	-0.047	ug/L	0.059	126	40	38	18	KED
⌊	As	75	0.006	ug/L	0.007	126	3	5	47	KED
	Y	89		ug/L			861378	925672	2	Standard
	Kr	83		ug/L			329	351	16	Standard
⌈>	In-1	115		ug/L			24406	27286	1	KED
|	Cd	111	-0.007	ug/L	0.005	67	5	2	66	KED
⌊	Cd	114	0.003	ug/L	0.003	90	2	5	51	KED
⌈>	In	115		ug/L			1327259	1430963	2	Standard
|	Ag	107	0.000	ug/L	0.001	4883	54	59	31	Standard
|	Sb	121	0.002	ug/L	0.001	62	294	363	8	Standard
⌊	Sb	123	0.000	ug/L	0.002	518	242	266	9	Standard
⌈>	Tb	159		ug/L			2573138	2653929	1	Standard
⌊	Pb	208	-0.000	ug/L	0.000	52	766	739	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0195-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:13:21

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	46502	1	Standard
	Cl	37		ug/L			7717401	7928010	0	Standard
>	Sc	45		ug/L			1663844	1794387	0	Standard
	Cr	52	22.489	ug/L	0.265	1	26802	710925	0	Standard
	Cr	53	22.055	ug/L	0.177	0	533	81877	0	Standard
>	Ge	72		ug/L			85325	92388	3	KED
	Ni	60	20.252	ug/L	0.510	2	22	35318	0	KED
	Ni	62	19.945	ug/L	0.268	1	12	5723	2	KED
	Cu	63	20.854	ug/L	0.312	1	118	105165	3	KED
	Cu	65	20.934	ug/L	0.320	1	54	51976	1	KED
	Zn	66	61.924	ug/L	0.934	1	256	43319	1	KED
	Zn	67	59.901	ug/L	2.778	4	40	6903	3	KED
	As	75	21.058	ug/L	0.254	1	3	7066	1	KED
	Y	89		ug/L			861378	923401	0	Standard
	Kr	83		ug/L			329	330	4	Standard
>	In-1	115		ug/L			24406	27943	0	KED
	Cd	111	20.392	ug/L	0.455	2	5	8364	2	KED
	Cd	114	20.405	ug/L	0.347	1	2	21684	1	KED
>	In	115		ug/L			1327259	1468689	2	Standard
	Ag	107	22.704	ug/L	0.969	4	54	425377	1	Standard
	Sb	121	19.742	ug/L	0.190	0	294	415432	1	Standard
	Sb	123	19.920	ug/L	0.647	3	242	323117	0	Standard
>	Tb	159		ug/L			2573138	2688999	1	Standard
	Pb	208	20.948	ug/L	0.369	1	766	2451807	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0392-17
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:17:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45365	1	Standard
	Cl	37		ug/L			7717401	8072810	0	Standard
>	Sc	45		ug/L			1663844	1823358	0	Standard
	Cr	52	15.117	ug/L	0.287	1	26802	495267	1	Standard
	Cr	53	14.578	ug/L	0.037	0	533	55192	0	Standard
>	Ge	72		ug/L			85325	91938	0	KED
	Ni	60	16.197	ug/L	0.334	2	22	28126	1	KED
	Ni	62	16.084	ug/L	0.253	1	12	4596	1	KED
	Cu	63	4.414	ug/L	0.035	0	118	22250	0	KED
	Cu	65	4.487	ug/L	0.046	1	54	11136	0	KED
	Zn	66	16.114	ug/L	0.134	0	256	11426	1	KED
	Zn	67	16.083	ug/L	0.409	2	40	1877	2	KED
	As	75	1.446	ug/L	0.061	4	3	486	4	KED
	Y	89		ug/L			861378	1061751	0	Standard
	Kr	83		ug/L			329	354	10	Standard
>	In-1	115		ug/L			24406	27342	0	KED
	Cd	111	0.053	ug/L	0.012	22	5	26	18	KED
	Cd	114	0.051	ug/L	0.012	24	2	55	23	KED
>	In	115		ug/L			1327259	1454058	0	Standard
	Ag	107	0.026	ug/L	0.001	4	54	537	4	Standard
	Sb	121	-0.002	ug/L	0.001	78	294	288	8	Standard
	Sb	123	-0.004	ug/L	0.000	11	242	206	3	Standard
>	Tb	159		ug/L			2573138	2785485	0	Standard
	Pb	208	1.869	ug/L	0.020	1	766	227443	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0392-18
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:21:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45176	1	Standard
	Cl	37		ug/L			7717401	7872969	1	Standard
>	Sc	45		ug/L			1663844	1824750	0	Standard
	Cr	52	10.224	ug/L	0.117	1	26802	344740	0	Standard
	Cr	53	9.956	ug/L	0.131	1	533	37908	1	Standard
>	Ge	72		ug/L			85325	91594	0	KED
	Ni	60	11.992	ug/L	0.067	0	22	20754	0	KED
	Ni	62	12.082	ug/L	0.107	0	12	3442	1	KED
	Cu	63	3.284	ug/L	0.023	0	118	16525	0	KED
	Cu	65	3.312	ug/L	0.065	1	54	8205	2	KED
	Zn	66	13.379	ug/L	0.315	2	256	9497	2	KED
	Zn	67	13.527	ug/L	0.767	5	40	1579	5	KED
	As	75	1.455	ug/L	0.018	1	3	487	2	KED
	Y	89		ug/L			861378	1035536	0	Standard
	Kr	83		ug/L			329	370	1	Standard
>	In-1	115		ug/L			24406	27310	2	KED
	Cd	111	0.042	ug/L	0.004	8	5	22	4	KED
	Cd	114	0.040	ug/L	0.007	16	2	44	15	KED
>	In	115		ug/L			1327259	1436109	0	Standard
	Ag	107	0.023	ug/L	0.002	9	54	475	7	Standard
	Sb	121	-0.006	ug/L	0.000	4	294	192	2	Standard
	Sb	123	-0.006	ug/L	0.001	10	242	174	4	Standard
>	Tb	159		ug/L			2573138	2718503	2	Standard
	Pb	208	1.842	ug/L	0.014	0	766	218682	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-08
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:25:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	52070	0	Standard
	Cl	37		ug/L			7717401	7792292	2	Standard
⌈>	Sc	45		ug/L			1663844	1801975	1	Standard
|	Cr	52	7.831	ug/L	0.171	2	26802	267497	0	Standard
⌊	Cr	53	7.631	ug/L	0.071	0	533	28826	0	Standard
⌈>	Ge	72		ug/L			85325	88878	0	KED
|	Ni	60	5.712	ug/L	0.028	0	22	9604	0	KED
|	Ni	62	5.557	ug/L	0.066	1	12	1543	1	KED
|	Cu	63	19.474	ug/L	0.218	1	118	94478	0	KED
|	Cu	65	19.353	ug/L	0.212	1	54	46243	1	KED
|	Zn	66	27.775	ug/L	0.383	1	256	18844	1	KED
|	Zn	67	26.683	ug/L	0.636	2	40	2983	2	KED
⌊	As	75	7.928	ug/L	0.077	0	3	2561	1	KED
	Y	89		ug/L			861378	1074103	1	Standard
	Kr	83		ug/L			329	389	5	Standard
⌈>	In-1	115		ug/L			24406	26424	1	KED
|	Cd	111	0.080	ug/L	0.021	25	5	36	22	KED
⌊	Cd	114	0.076	ug/L	0.011	14	2	78	14	KED
⌈>	In	115		ug/L			1327259	1452876	2	Standard
|	Ag	107	0.070	ug/L	0.003	3	54	1352	1	Standard
|	Sb	121	0.040	ug/L	0.000	0	294	1153	2	Standard
⌊	Sb	123	0.042	ug/L	0.002	5	242	937	5	Standard
⌈>	Tb	159		ug/L			2573138	2787341	0	Standard
⌊	Pb	208	8.617	ug/L	0.031	0	766	1046124	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0195-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:29:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	53476	1	Standard
	Cl	37		ug/L			7717401	7630358	1	Standard
>	Sc	45		ug/L			1663844	1821927	0	Standard
	Cr	52	9.111	ug/L	0.122	1	26802	309909	1	Standard
	Cr	53	8.959	ug/L	0.072	0	533	34119	0	Standard
>	Ge	72		ug/L			85325	90778	1	KED
	Ni	60	5.822	ug/L	0.165	2	22	9994	1	KED
	Ni	62	5.965	ug/L	0.116	1	12	1691	3	KED
	Cu	63	23.115	ug/L	0.425	1	118	114493	0	KED
	Cu	65	23.358	ug/L	0.257	1	54	56987	1	KED
	Zn	66	31.665	ug/L	0.928	2	256	21898	1	KED
	Zn	67	29.922	ug/L	0.735	2	40	3411	0	KED
	As	75	9.932	ug/L	0.160	1	3	3276	0	KED
	Y	89		ug/L			861378	1077085	0	Standard
	Kr	83		ug/L			329	386	8	Standard
>	In-1	115		ug/L			24406	27195	1	KED
	Cd	111	0.077	ug/L	0.023	29	5	36	25	KED
	Cd	114	0.086	ug/L	0.014	15	2	91	16	KED
>	In	115		ug/L			1327259	1470996	1	Standard
	Ag	107	0.075	ug/L	0.003	4	54	1474	3	Standard
	Sb	121	0.044	ug/L	0.003	6	294	1246	3	Standard
	Sb	123	0.043	ug/L	0.001	2	242	973	1	Standard
>	Tb	159		ug/L			2573138	2857264	1	Standard
	Pb	208	9.918	ug/L	0.078	0	766	1233931	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0195-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:33:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	47004	1	Standard
	Cl	37		ug/L			7717401	7760580	1	Standard
⌈>	Sc	45		ug/L			1663844	1832021	0	Standard
|	Cr	52	30.068	ug/L	0.041	0	26802	960595	0	Standard
⌊	Cr	53	28.947	ug/L	0.330	1	533	109536	1	Standard
⌈>	Ge	72		ug/L			85325	91408	0	KED
|	Ni	60	25.696	ug/L	0.024	0	22	44353	0	KED
|	Ni	62	25.404	ug/L	0.775	3	12	7210	3	KED
|	Cu	63	42.925	ug/L	0.497	1	118	214042	1	KED
|	Cu	65	42.875	ug/L	0.376	0	54	105292	1	KED
|	Zn	66	93.178	ug/L	0.838	0	256	64375	1	KED
|	Zn	67	88.621	ug/L	1.384	1	40	10091	0	KED
⌊	As	75	30.778	ug/L	0.302	0	3	10220	1	KED
	Y	89		ug/L			861378	1076497	0	Standard
	Kr	83		ug/L			329	395	4	Standard
⌈>	In-1	115		ug/L			24406	27177	1	KED
|	Cd	111	20.289	ug/L	0.358	1	5	8094	2	KED
⌊	Cd	114	20.401	ug/L	0.124	0	2	21085	0	KED
⌈>	In	115		ug/L			1327259	1479375	1	Standard
|	Ag	107	9.625	ug/L	0.059	0	54	181817	1	Standard
|	Sb	121	0.890	ug/L	0.018	2	294	19174	2	Standard
⌊	Sb	123	0.896	ug/L	0.018	1	242	14902	1	Standard
⌈>	Tb	159		ug/L			2573138	2836057	1	Standard
⌊	Pb	208	30.127	ug/L	0.389	1	766	3718852	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0195-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:37:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	55037	0	Standard
	Cl	37		ug/L			7717401	7726139	1	Standard
>	Sc	45		ug/L			1663844	1822501	0	Standard
	Cr	52	33.602	ug/L	1.056	3	26802	1064249	2	Standard
	Cr	53	32.226	ug/L	0.459	1	533	121239	1	Standard
>	Ge	72		ug/L			85325	90559	0	KED
	Ni	60	29.746	ug/L	0.308	1	22	50860	1	KED
	Ni	62	29.618	ug/L	0.236	0	12	8326	1	KED
	Cu	63	43.002	ug/L	0.194	0	118	212416	0	KED
	Cu	65	43.306	ug/L	0.469	1	54	105360	0	KED
	Zn	66	101.376	ug/L	1.510	1	256	69357	0	KED
	Zn	67	95.612	ug/L	0.243	0	40	10783	0	KED
	As	75	32.700	ug/L	0.230	0	3	10756	0	KED
	Y	89		ug/L			861378	1069685	0	Standard
	Kr	83		ug/L			329	375	10	Standard
>	In-1	115		ug/L			24406	27087	0	KED
	Cd	111	24.232	ug/L	0.419	1	5	9632	0	KED
	Cd	114	24.238	ug/L	0.641	2	2	24965	1	KED
>	In	115		ug/L			1327259	1447496	1	Standard
	Ag	107	24.798	ug/L	0.458	1	54	458175	0	Standard
	Sb	121	22.896	ug/L	0.083	0	294	474883	1	Standard
	Sb	123	22.837	ug/L	0.161	0	242	365234	0	Standard
>	Tb	159		ug/L			2573138	2849482	1	Standard
	Pb	208	33.341	ug/L	0.443	1	766	4135019	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0195-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:42:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	69018	0	Standard
	Cl	37		ug/L			7717401	7748480	1	Standard
⌈>	Sc	45		ug/L			1663844	1937201	0	Standard
|	Cr	52	147.204	ug/L	0.957	0	26802	4851219	0	Standard
⌊	Cr	53	142.733	ug/L	2.447	1	533	568686	1	Standard
⌈>	Ge	72		ug/L			85325	96638	0	KED
|	Ni	60	119.639	ug/L	0.944	0	22	218227	1	KED
|	Ni	62	117.989	ug/L	1.240	1	12	35353	0	KED
|	Cu	63	93.766	ug/L	0.784	0	118	494125	1	KED
|	Cu	65	93.769	ug/L	1.930	2	54	243397	2	KED
|	Zn	66	200.630	ug/L	1.710	0	256	146206	1	KED
|	Zn	67	217.741	ug/L	3.059	1	40	26150	1	KED
⌊	As	75	96.147	ug/L	0.668	0	3	33745	1	KED
	Y	89		ug/L			861378	1424319	1	Standard
	Kr	83		ug/L			329	418	4	Standard
⌈>	In-1	115		ug/L			24406	27931	0	KED
|	Cd	111	113.497	ug/L	0.326	0	5	46506	0	KED
⌊	Cd	114	113.851	ug/L	0.128	0	2	120929	0	KED
⌈>	In	115		ug/L			1327259	1479730	3	Standard
|	Ag	107	30.152	ug/L	1.068	3	54	569195	0	Standard
|	Sb	121	7.433	ug/L	0.264	3	294	157701	0	Standard
⌊	Sb	123	7.581	ug/L	0.418	5	242	123991	2	Standard
⌈>	Tb	159		ug/L			2573138	2973818	1	Standard
⌊	Pb	208	104.059	ug/L	1.375	1	766	13466457	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:47:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	30635	1	Standard
	Cl	**37**		ug/L			7717401	7454861	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1775470	1	Standard
|	**Cr**	**52**	**-0.057**	ug/L	0.003	5	26802	26903	1	Standard
⌊	**Cr**	**53**	**-0.059**	ug/L	0.003	5	533	356	2	Standard
⌈>	**Ge**	**72**		ug/L			85325	93204	1	KED
|	**Ni**	**60**	**0.005**	ug/L	0.008	171	22	33	40	KED
|	**Ni**	**62**	**-0.024**	ug/L	0.010	40	12	6	45	KED
|	**Cu**	**63**	**0.001**	ug/L	0.004	454	118	133	15	KED
|	**Cu**	**65**	**0.000**	ug/L	0.007	1580	54	60	30	KED
|	**Zn**	**66**	**0.007**	ug/L	0.069	948	256	285	18	KED
|	**Zn**	**67**	**-0.054**	ug/L	0.030	56	40	37	7	KED
⌊	**As**	**75**	**0.009**	ug/L	0.005	57	3	6	26	KED
	Y	**89**		ug/L			861378	916858	1	Standard
	Kr	**83**		ug/L			329	344	9	Standard
⌈>	**In-1**	**115**		ug/L			24406	27277	0	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.007	1039	5	5	53	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.004	56	2	9	41	KED
⌈>	**In**	**115**		ug/L			1327259	1434085	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	34	54	78	8	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.000	3	294	111	6	Standard
⌊	**Sb**	**123**	**-0.011**	ug/L	0.000	1	242	81	4	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2703562	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.000	7	766	1069	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:52:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	30931	1	Standard
	Cl	**37**		ug/L			7717401	8106407	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1757960	0	Standard
|	**Cr**	**52**	**53.191**	ug/L	0.210	0	26802	1608802	0	Standard
⌊	**Cr**	**53**	**51.628**	ug/L	0.603	1	533	187029	1	Standard
⌈>	**Ge**	**72**		ug/L			85325	90155	0	KED
|	**Ni**	**60**	**48.500**	ug/L	0.490	1	22	82541	0	KED
|	**Ni**	**62**	**47.662**	ug/L	1.118	2	12	13329	1	KED
|	**Cu**	**63**	**49.287**	ug/L	0.165	0	118	242365	0	KED
|	**Cu**	**65**	**48.949**	ug/L	0.093	0	54	118552	0	KED
|	**Zn**	**66**	**47.648**	ug/L	0.423	0	256	32599	1	KED
|	**Zn**	**67**	**48.871**	ug/L	0.635	1	40	5508	1	KED
⌊	**As**	**75**	**50.328**	ug/L	0.779	1	3	16478	0	KED
	Y	**89**		ug/L			861378	912216	1	Standard
	Kr	**83**		ug/L			329	349	7	Standard
⌈>	**In-1**	**115**		ug/L			24406	26780	1	KED
|	**Cd**	**111**	**48.201**	ug/L	0.208	0	5	18939	0	KED
⌊	**Cd**	**114**	**48.205**	ug/L	0.323	0	2	49091	0	KED
⌈>	**In**	**115**		ug/L			1327259	1421137	1	Standard
|	**Ag**	**107**	**50.706**	ug/L	1.011	1	54	919786	1	Standard
|	**Sb**	**121**	**46.507**	ug/L	0.865	1	294	946674	2	Standard
⌊	**Sb**	**123**	**45.695**	ug/L	0.535	1	242	717224	0	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2748222	0	Standard
⌊	**Pb**	**208**	**49.281**	ug/L	0.350	0	766	5894785	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 02:58:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	29137	1	Standard
	Cl	**37**		ug/L			7717401	7776976	0	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1729158	0	Standard
|	**Cr**	**52**	**0.002**	ug/L	0.007	281	26802	27924	0	Standard
⌊	**Cr**	**53**	**-0.054**	ug/L	0.001	2	533	363	0	Standard
⌈>	**Ge**	**72**		ug/L			85325	90129	2	KED
|	**Ni**	**60**	**0.001**	ug/L	0.001	110	22	26	8	KED
|	**Ni**	**62**	**-0.020**	ug/L	0.009	41	12	6	31	KED
|	**Cu**	**63**	**0.001**	ug/L	0.003	526	118	127	10	KED
|	**Cu**	**65**	**-0.000**	ug/L	0.006	1982	54	57	28	KED
|	**Zn**	**66**	**0.045**	ug/L	0.018	40	256	300	1	KED
|	**Zn**	**67**	**-0.039**	ug/L	0.112	288	40	38	35	KED
⌊	**As**	**75**	**0.004**	ug/L	0.003	63	3	4	21	KED
	Y	**89**		ug/L			861378	896115	0	Standard
	Kr	**83**		ug/L			329	339	4	Standard
⌈>	**In-1**	**115**		ug/L			24406	27147	2	KED
|	**Cd**	**111**	**0.002**	ug/L	0.008	338	5	6	51	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.003	35	2	9	27	KED
⌈>	**In**	**115**		ug/L			1327259	1425788	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	123	54	69	20	Standard
|	**Sb**	**121**	**0.026**	ug/L	0.000	1	294	837	1	Standard
⌊	**Sb**	**123**	**0.025**	ug/L	0.001	5	242	650	4	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2621954	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	33	766	944	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:02:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	47915	1	Standard
	Cl	37		ug/L			7717401	7703548	0	Standard
⌈>	Sc	45		ug/L			1663844	1829360	1	Standard
|	Cr	52	8.235	ug/L	0.220	2	26802	284031	1	Standard
⌊	Cr	53	8.114	ug/L	0.138	1	533	31079	1	Standard
⌈>	Ge	72		ug/L			85325	92632	0	KED
|	Ni	60	5.617	ug/L	0.139	2	22	9845	3	KED
|	Ni	62	5.598	ug/L	0.124	2	12	1620	2	KED
|	Cu	63	16.549	ug/L	0.188	1	118	83706	1	KED
|	Cu	65	16.659	ug/L	0.185	1	54	41492	0	KED
|	Zn	66	21.238	ug/L	0.092	0	256	15084	1	KED
|	Zn	67	20.699	ug/L	0.924	4	40	2422	4	KED
⌊	As	75	6.221	ug/L	0.045	0	3	2095	0	KED
	Y	89		ug/L			861378	1066302	1	Standard
	Kr	83		ug/L			329	358	2	Standard
⌈>	In-1	115		ug/L			24406	27325	0	KED
|	Cd	111	0.093	ug/L	0.017	18	5	42	15	KED
⌊	Cd	114	0.084	ug/L	0.011	12	2	89	12	KED
⌈>	In	115		ug/L			1327259	1483703	1	Standard
|	Ag	107	0.068	ug/L	0.002	2	54	1348	3	Standard
|	Sb	121	0.019	ug/L	0.001	4	294	741	4	Standard
⌊	Sb	123	0.019	ug/L	0.004	22	242	585	10	Standard
⌈>	Tb	159		ug/L			2573138	2822487	0	Standard
⌊	Pb	208	8.878	ug/L	0.057	0	766	1091292	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:06:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	45739	1	Standard
	Cl	37		ug/L			7717401	7842509	1	Standard
>	Sc	45		ug/L			1663844	1895418	0	Standard
	Cr	52	12.331	ug/L	0.105	0	26802	425584	0	Standard
	Cr	53	11.818	ug/L	0.152	1	533	46627	1	Standard
>	Ge	72		ug/L			85325	89460	3	KED
	Ni	60	12.439	ug/L	0.061	0	22	21024	3	KED
	Ni	62	12.223	ug/L	0.290	2	12	3400	1	KED
	Cu	63	14.449	ug/L	0.257	1	118	70576	2	KED
	Cu	65	14.710	ug/L	0.216	1	54	35384	2	KED
	Zn	66	30.292	ug/L	0.711	2	256	20656	2	KED
	Zn	67	31.427	ug/L	0.133	0	40	3529	3	KED
	As	75	2.974	ug/L	0.072	2	3	968	1	KED
	Y	89		ug/L			861378	1147701	1	Standard
	Kr	83		ug/L			329	388	3	Standard
>	In-1	115		ug/L			24406	26642	2	KED
	Cd	111	0.044	ug/L	0.002	5	5	22	2	KED
	Cd	114	0.038	ug/L	0.008	19	2	41	16	KED
>	In	115		ug/L			1327259	1436629	1	Standard
	Ag	107	0.039	ug/L	0.004	10	54	767	11	Standard
	Sb	121	0.029	ug/L	0.002	7	294	912	3	Standard
	Sb	123	0.030	ug/L	0.002	8	242	742	6	Standard
>	Tb	159		ug/L			2573138	2839998	1	Standard
	Pb	208	4.506	ug/L	0.061	1	766	557722	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:10:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	52169	0	Standard
	Cl	37		ug/L			7717401	7788891	0	Standard
⌈>	Sc	45		ug/L			1663844	1823527	0	Standard
|	Cr	52	9.268	ug/L	0.108	1	26802	315058	1	Standard
⌊	Cr	53	9.009	ug/L	0.113	1	533	34334	0	Standard
⌈>	Ge	72		ug/L			85325	91056	0	KED
|	Ni	60	6.140	ug/L	0.200	3	22	10575	3	KED
|	Ni	62	6.074	ug/L	0.287	4	12	1727	4	KED
|	Cu	63	26.438	ug/L	0.135	0	118	131367	0	KED
|	Cu	65	26.295	ug/L	0.105	0	54	64349	0	KED
|	Zn	66	31.765	ug/L	0.365	1	256	22041	1	KED
|	Zn	67	30.244	ug/L	0.550	1	40	3458	1	KED
⌊	As	75	8.013	ug/L	0.127	1	3	2652	1	KED
	Y	89		ug/L			861378	1051064	0	Standard
	Kr	83		ug/L			329	351	1	Standard
⌈>	In-1	115		ug/L			24406	27083	0	KED
|	Cd	111	0.102	ug/L	0.012	11	5	46	10	KED
⌊	Cd	114	0.087	ug/L	0.015	17	2	92	17	KED
⌈>	In	115		ug/L			1327259	1446830	0	Standard
|	Ag	107	0.089	ug/L	0.003	3	54	1708	3	Standard
|	Sb	121	0.020	ug/L	0.003	13	294	733	7	Standard
⌊	Sb	123	0.020	ug/L	0.001	6	242	587	3	Standard
⌈>	Tb	159		ug/L			2573138	2800241	0	Standard
⌊	Pb	208	11.903	ug/L	0.084	0	766	1451335	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:14:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	58095	0	Standard
	Cl	37		ug/L			7717401	7771599	2	Standard
⌈>	Sc	45		ug/L			1663844	1807205	0	Standard
|	Cr	52	10.503	ug/L	0.139	1	26802	349944	1	Standard
⌊	Cr	53	10.061	ug/L	0.146	1	533	37935	1	Standard
⌈>	Ge	72		ug/L			85325	91249	0	KED
|	Ni	60	6.606	ug/L	0.110	1	22	11400	1	KED
|	Ni	62	6.548	ug/L	0.014	0	12	1864	0	KED
|	Cu	63	30.024	ug/L	0.157	0	118	149478	0	KED
|	Cu	65	29.767	ug/L	0.132	0	54	72994	0	KED
|	Zn	66	36.611	ug/L	0.324	0	256	25416	1	KED
|	Zn	67	34.380	ug/L	0.729	2	40	3934	2	KED
⌊	As	75	6.832	ug/L	0.079	1	3	2267	1	KED
	Y	89		ug/L			861378	1076564	0	Standard
	Kr	83		ug/L			329	396	6	Standard
⌈>	In-1	115		ug/L			24406	26876	1	KED
|	Cd	111	0.108	ug/L	0.028	25	5	48	23	KED
⌊	Cd	114	0.090	ug/L	0.009	10	2	94	8	KED
⌈>	In	115		ug/L			1327259	1443024	2	Standard
|	Ag	107	0.102	ug/L	0.004	4	54	1941	5	Standard
|	Sb	121	0.013	ug/L	0.001	11	294	580	6	Standard
⌊	Sb	123	0.011	ug/L	0.002	19	242	434	9	Standard
⌈>	Tb	159		ug/L			2573138	2824173	1	Standard
⌊	Pb	208	12.706	ug/L	0.142	1	766	1562372	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:18:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	60000	1	Standard
	Cl	37		ug/L			7717401	7796668	1	Standard
>	Sc	45		ug/L			1663844	1836720	1	Standard
	Cr	52	10.809	ug/L	0.136	1	26802	365163	1	Standard
	Cr	53	10.747	ug/L	0.203	1	533	41136	1	Standard
>	Ge	72		ug/L			85325	91408	1	KED
	Ni	60	6.896	ug/L	0.127	1	22	11917	0	KED
	Ni	62	6.874	ug/L	0.155	2	12	1960	3	KED
	Cu	63	30.351	ug/L	0.611	2	118	151350	1	KED
	Cu	65	30.264	ug/L	0.605	1	54	74332	1	KED
	Zn	66	34.784	ug/L	0.962	2	256	24196	1	KED
	Zn	67	33.951	ug/L	1.230	3	40	3891	1	KED
	As	75	5.613	ug/L	0.164	2	3	1866	2	KED
	Y	89		ug/L			861378	1077204	0	Standard
	Kr	83		ug/L			329	387	4	Standard
>	In-1	115		ug/L			24406	27330	2	KED
	Cd	111	0.095	ug/L	0.016	16	5	43	12	KED
	Cd	114	0.095	ug/L	0.005	5	2	100	3	KED
>	In	115		ug/L			1327259	1487838	0	Standard
	Ag	107	0.090	ug/L	0.004	4	54	1772	4	Standard
	Sb	121	0.002	ug/L	0.001	49	294	373	5	Standard
	Sb	123	0.000	ug/L	0.002	2582	242	273	13	Standard
>	Tb	159		ug/L			2573138	2826212	1	Standard
	Pb	208	13.221	ug/L	0.128	0	766	1626846	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:22:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	59316	1	Standard
	Cl	37		ug/L			7717401	7667381	1	Standard
⌈>	Sc	45		ug/L			1663844	1840563	1	Standard
|	Cr	52	12.034	ug/L	0.265	2	26802	403960	0	Standard
⌊	Cr	53	11.461	ug/L	0.316	2	533	43915	1	Standard
⌈>	Ge	72		ug/L			85325	91575	0	KED
|	Ni	60	8.084	ug/L	0.077	0	22	13995	0	KED
|	Ni	62	8.159	ug/L	0.141	1	12	2328	1	KED
|	Cu	63	33.840	ug/L	0.275	0	118	169057	0	KED
|	Cu	65	33.815	ug/L	0.176	0	54	83207	0	KED
|	Zn	66	43.772	ug/L	0.466	1	256	30440	0	KED
|	Zn	67	42.357	ug/L	0.446	1	40	4854	1	KED
⌊	As	75	9.261	ug/L	0.072	0	3	3082	0	KED
	Y	89		ug/L			861378	1096826	1	Standard
	Kr	83		ug/L			329	365	2	Standard
⌈>	In-1	115		ug/L			24406	26958	2	KED
|	Cd	111	0.185	ug/L	0.004	2	5	78	3	KED
⌊	Cd	114	0.169	ug/L	0.005	3	2	175	1	KED
⌈>	In	115		ug/L			1327259	1445956	1	Standard
|	Ag	107	0.124	ug/L	0.002	1	54	2355	2	Standard
|	Sb	121	0.026	ug/L	0.003	11	294	858	7	Standard
⌊	Sb	123	0.025	ug/L	0.003	13	242	658	7	Standard
⌈>	Tb	159		ug/L			2573138	2841469	1	Standard
⌊	Pb	208	17.938	ug/L	0.249	1	766	2218838	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-07
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:26:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	60445	1	Standard
	Cl	37		ug/L			7717401	7788324	0	Standard
>	Sc	45		ug/L			1663844	1845894	0	Standard
	Cr	52	11.270	ug/L	0.067	0	26802	381344	0	Standard
	Cr	53	10.843	ug/L	0.161	1	533	41709	0	Standard
>	Ge	72		ug/L			85325	92641	0	KED
	Ni	60	7.562	ug/L	0.177	2	22	13246	2	KED
	Ni	62	7.909	ug/L	0.249	3	12	2283	3	KED
	Cu	63	27.567	ug/L	0.675	2	118	139342	2	KED
	Cu	65	27.138	ug/L	0.069	0	54	67567	0	KED
	Zn	66	35.392	ug/L	0.747	2	256	24951	1	KED
	Zn	67	34.184	ug/L	0.410	1	40	3971	0	KED
	As	75	5.865	ug/L	0.010	0	3	1976	0	KED
	Y	89		ug/L			861378	1125224	0	Standard
	Kr	83		ug/L			329	375	2	Standard
>	In-1	115		ug/L			24406	27160	0	KED
	Cd	111	0.116	ug/L	0.030	26	5	51	23	KED
	Cd	114	0.132	ug/L	0.021	15	2	138	15	KED
>	In	115		ug/L			1327259	1453271	1	Standard
	Ag	107	0.094	ug/L	0.003	3	54	1802	2	Standard
	Sb	121	0.002	ug/L	0.001	90	294	356	8	Standard
	Sb	123	0.002	ug/L	0.000	25	242	290	0	Standard
>	Tb	159		ug/L			2573138	2855293	1	Standard
	Pb	208	11.823	ug/L	0.223	1	766	1469661	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-09
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:30:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	50210	1	Standard
	Cl	37		ug/L			7717401	7733995	1	Standard
>	Sc	45		ug/L			1663844	1828775	0	Standard
	Cr	52	12.237	ug/L	0.037	0	26802	407702	1	Standard
	Cr	53	11.905	ug/L	0.208	1	533	45309	1	Standard
>	Ge	72		ug/L			85325	90526	1	KED
	Ni	60	9.515	ug/L	0.043	0	22	16280	0	KED
	Ni	62	9.793	ug/L	0.263	2	12	2760	3	KED
	Cu	63	33.401	ug/L	0.527	1	118	164944	0	KED
	Cu	65	33.496	ug/L	0.432	1	54	81471	0	KED
	Zn	66	41.868	ug/L	0.638	1	256	28792	0	KED
	Zn	67	40.514	ug/L	0.364	0	40	4592	1	KED
	As	75	8.327	ug/L	0.222	2	3	2739	1	KED
	Y	89		ug/L			861378	1097037	1	Standard
	Kr	83		ug/L			329	372	10	Standard
>	In-1	115		ug/L			24406	26867	0	KED
	Cd	111	0.099	ug/L	0.023	23	5	44	20	KED
	Cd	114	0.090	ug/L	0.016	17	2	94	17	KED
>	In	115		ug/L			1327259	1471344	1	Standard
	Ag	107	0.066	ug/L	0.004	5	54	1293	7	Standard
	Sb	121	0.045	ug/L	0.004	7	294	1281	4	Standard
	Sb	123	0.039	ug/L	0.004	9	242	907	5	Standard
>	Tb	159		ug/L			2573138	2870118	2	Standard
	Pb	208	17.204	ug/L	0.448	2	766	2148626	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-10
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:35:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	59448	1	Standard
	Cl	37		ug/L			7717401	7780601	1	Standard
⌈>	Sc	45		ug/L			1663844	1865350	0	Standard
|	Cr	52	11.506	ug/L	0.118	1	26802	392823	1	Standard
⌊	Cr	53	11.179	ug/L	0.174	1	533	43438	0	Standard
⌈>	Ge	72		ug/L			85325	93865	0	KED
|	Ni	60	7.464	ug/L	0.052	0	22	13248	0	KED
|	Ni	62	7.532	ug/L	0.273	3	12	2204	3	KED
|	Cu	63	42.619	ug/L	0.631	1	118	218233	2	KED
|	Cu	65	42.176	ug/L	0.676	1	54	106363	1	KED
|	Zn	66	44.969	ug/L	0.203	0	256	32047	0	KED
|	Zn	67	42.174	ug/L	0.892	2	40	4954	1	KED
⌊	As	75	10.624	ug/L	0.149	1	3	3624	1	KED
	Y	89		ug/L			861378	1114826	1	Standard
	Kr	83		ug/L			329	365	6	Standard
⌈>	In-1	115		ug/L			24406	27948	0	KED
|	Cd	111	0.124	ug/L	0.007	5	5	56	5	KED
⌊	Cd	114	0.105	ug/L	0.008	7	2	114	7	KED
⌈>	In	115		ug/L			1327259	1483421	1	Standard
|	Ag	107	0.135	ug/L	0.002	1	54	2614	0	Standard
|	Sb	121	0.032	ug/L	0.002	4	294	1002	2	Standard
⌊	Sb	123	0.029	ug/L	0.003	9	242	753	7	Standard
⌈>	Tb	159		ug/L			2573138	2900531	1	Standard
⌊	Pb	208	15.808	ug/L	0.297	1	766	1995794	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-11
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:40:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27462	56428	0	Standard
	Cl	37		ug/L			7717401	7733995	1	Standard
>	Sc	45		ug/L			1663844	1843936	1	Standard
	Cr	52	10.848	ug/L	0.157	1	26802	367777	1	Standard
	Cr	53	10.459	ug/L	0.189	1	533	40208	1	Standard
>	Ge	72		ug/L			85325	91847	0	KED
	Ni	60	6.972	ug/L	0.083	1	22	12110	1	KED
	Ni	62	6.898	ug/L	0.093	1	12	1976	1	KED
	Cu	63	36.782	ug/L	0.188	0	118	184297	0	KED
	Cu	65	36.598	ug/L	0.538	1	54	90315	1	KED
	Zn	66	39.862	ug/L	0.570	1	256	27828	1	KED
	Zn	67	37.876	ug/L	0.862	2	40	4358	2	KED
	As	75	7.082	ug/L	0.189	2	3	2365	2	KED
	Y	89		ug/L			861378	1076717	2	Standard
	Kr	83		ug/L			329	368	3	Standard
>	In-1	115		ug/L			24406	27514	1	KED
	Cd	111	0.101	ug/L	0.030	29	5	46	24	KED
	Cd	114	0.106	ug/L	0.018	16	2	113	14	KED
>	In	115		ug/L			1327259	1493009	0	Standard
	Ag	107	0.110	ug/L	0.002	1	54	2151	0	Standard
	Sb	121	0.006	ug/L	0.001	14	294	452	4	Standard
	Sb	123	0.006	ug/L	0.001	25	242	367	7	Standard
>	Tb	159		ug/L			2573138	2847257	1	Standard
	Pb	208	13.608	ug/L	0.252	1	766	1686753	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:48:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	31078	1	Standard
	Cl	**37**		ug/L			7717401	8008279	1	Standard
⌈>	**Sc**	**45**		ug/L			1663844	1744314	0	Standard
|	**Cr**	**52**	**52.288**	ug/L	0.272	0	26802	1569662	0	Standard
⌊	**Cr**	**53**	**51.127**	ug/L	0.251	0	533	183773	0	Standard
⌈>	**Ge**	**72**		ug/L			85325	90175	1	KED
|	**Ni**	**60**	**47.179**	ug/L	0.232	0	22	80313	1	KED
|	**Ni**	**62**	**47.189**	ug/L	0.634	1	12	13202	2	KED
|	**Cu**	**63**	**47.843**	ug/L	0.546	1	118	235293	0	KED
|	**Cu**	**65**	**47.643**	ug/L	0.511	1	54	115408	0	KED
|	**Zn**	**66**	**46.636**	ug/L	0.309	0	256	31921	1	KED
|	**Zn**	**67**	**48.255**	ug/L	0.739	1	40	5439	0	KED
⌊	**As**	**75**	**49.019**	ug/L	0.579	1	3	16056	2	KED
	Y	**89**		ug/L			861378	905597	1	Standard
	Kr	**83**		ug/L			329	348	2	Standard
⌈>	**In-1**	**115**		ug/L			24406	27120	1	KED
|	**Cd**	**111**	**47.773**	ug/L	0.669	1	5	19009	1	KED
⌊	**Cd**	**114**	**47.317**	ug/L	0.477	1	2	48797	0	KED
⌈>	**In**	**115**		ug/L			1327259	1439703	0	Standard
|	**Ag**	**107**	**47.974**	ug/L	0.794	1	54	881657	1	Standard
|	**Sb**	**121**	**44.984**	ug/L	1.146	2	294	927782	3	Standard
⌊	**Sb**	**123**	**46.302**	ug/L	0.349	0	242	736293	0	Standard
⌈>	**Tb**	**159**		ug/L			2573138	2730518	1	Standard
⌊	**Pb**	**208**	**49.475**	ug/L	0.460	0	766	5879303	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:54:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27462	29541	1	Standard
	Cl	**37**		ug/L			7717401	7742338	0	Standard
⎡>	**Sc**	**45**		ug/L			1663844	1766582	1	Standard
⎢	**Cr**	**52**	**-0.007**	ug/L	0.016	233	26802	28254	0	Standard
⎣	**Cr**	**53**	**-0.066**	ug/L	0.007	9	533	326	7	Standard
⎡>	**Ge**	**72**		ug/L			85325	90842	2	KED
⎢	**Ni**	**60**	**0.010**	ug/L	0.006	58	22	40	22	KED
⎢	**Ni**	**62**	**-0.018**	ug/L	0.024	128	12	7	86	KED
⎢	**Cu**	**63**	**0.002**	ug/L	0.003	173	118	134	11	KED
⎢	**Cu**	**65**	**0.004**	ug/L	0.003	71	54	68	12	KED
⎢	**Zn**	**66**	**0.009**	ug/L	0.054	577	256	280	15	KED
⎢	**Zn**	**67**	**0.015**	ug/L	0.078	503	40	44	21	KED
⎣	**As**	**75**	**0.004**	ug/L	0.005	111	3	4	31	KED
	Y	**89**		ug/L			861378	897139	2	Standard
	Kr	**83**		ug/L			329	340	5	Standard
⎡>	**In-1**	**115**		ug/L			24406	27443	0	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.005	100	5	3	50	KED
⎣	**Cd**	**114**	**-0.001**	ug/L	0.002	212	2	1	121	KED
⎡>	**In**	**115**		ug/L			1327259	1443080	0	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.001	6209	54	59	23	Standard
⎢	**Sb**	**121**	**0.032**	ug/L	0.005	15	294	975	9	Standard
⎣	**Sb**	**123**	**0.028**	ug/L	0.003	10	242	707	6	Standard
⎡>	**Tb**	**159**		ug/L			2573138	2662019	1	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	45	766	890	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 03:58:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				29199	0	Standard
	Cl	**37**		ug/L				7699541	1	Standard
⎡>	**Sc**	**45**		ug/L				1745118	0	Standard
⎢	**Cr**	**52**		ug/L				28146	0	Standard
⎣	**Cr**	**53**		ug/L				339	5	Standard
⎡>	**Ge**	**72**		ug/L				89964	0	KED
⎢	**Ni**	**60**		ug/L				27	14	KED
⎢	**Ni**	**62**		ug/L				9	0	KED
⎢	**Cu**	**63**		ug/L				126	21	KED
⎢	**Cu**	**65**		ug/L				57	12	KED
⎢	**Zn**	**66**		ug/L				271	10	KED
⎢	**Zn**	**67**		ug/L				50	21	KED
⎣	**As**	**75**		ug/L				4	26	KED
	Y	**89**		ug/L				892605	2	Standard
	Kr	**83**		ug/L				290	8	Standard
⎡>	**In-1**	**115**		ug/L				26959	1	KED
⎢	**Cd**	**111**		ug/L				6	7	KED
⎣	**Cd**	**114**		ug/L				3	89	KED
⎡>	**In**	**115**		ug/L				1438506	0	Standard
⎢	**Ag**	**107**		ug/L				41	19	Standard
⎢	**Sb**	**121**		ug/L				313	6	Standard
⎣	**Sb**	**123**		ug/L				248	6	Standard
⎡>	**Tb**	**159**		ug/L				2637041	0	Standard
⎣	**Pb**	**208**		ug/L				883	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:03:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	30445	1	Standard
	Cl	**37**		ug/L			7699541	8008028	2	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1630390	14	Standard
|	**Cr**	**52**	**56.879**	ug/L	8.066	14	28146	1572878	1	Standard
⌊	**Cr**	**53**	**54.622**	ug/L	7.899	14	339	180782	0	Standard
⌈>	**Ge**	**72**		ug/L			89964	91414	0	KED
|	**Ni**	**60**	**46.907**	ug/L	0.925	1	27	80944	1	KED
|	**Ni**	**62**	**46.737**	ug/L	0.529	1	9	13251	0	KED
|	**Cu**	**63**	**47.560**	ug/L	0.230	0	126	237141	0	KED
|	**Cu**	**65**	**47.803**	ug/L	0.436	0	57	117393	0	KED
|	**Zn**	**66**	**46.669**	ug/L	0.499	1	271	32380	0	KED
|	**Zn**	**67**	**46.852**	ug/L	0.384	0	50	5364	1	KED
⌊	**As**	**75**	**49.239**	ug/L	0.209	0	4	16349	0	KED
	Y	**89**		ug/L			892605	833742	14	Standard
	Kr	**83**		ug/L			290	360	5	Standard
⌈>	**In-1**	**115**		ug/L			26959	26685	0	KED
|	**Cd**	**111**	**48.347**	ug/L	0.707	1	6	18930	1	KED
⌊	**Cd**	**114**	**48.165**	ug/L	0.861	1	3	48876	1	KED
⌈>	**In**	**115**		ug/L			1438506	1323286	14	Standard
|	**Ag**	**107**	**54.490**	ug/L	7.612	13	41	908326	2	Standard
|	**Sb**	**121**	**49.158**	ug/L	6.261	12	313	920510	2	Standard
⌊	**Sb**	**123**	**50.117**	ug/L	6.434	12	248	723611	2	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2471951	19	Standard
⌊	**Pb**	**208**	**56.448**	ug/L	12.120	21	883	5899740	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:09:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	31736	0	Standard
	Cl	**37**		ug/L			7699541	7906763	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1733353	1	Standard
|	**Cr**	**52**	**0.006**	ug/L	0.006	106	28146	28128	1	Standard
⌊	**Cr**	**53**	**0.005**	ug/L	0.005	92	339	356	5	Standard
⌈>	**Ge**	**72**		ug/L			89964	87852	0	KED
|	**Ni**	**60**	**0.003**	ug/L	0.006	181	27	33	31	KED
|	**Ni**	**62**	**-0.013**	ug/L	0.007	53	9	5	33	KED
|	**Cu**	**63**	**0.004**	ug/L	0.004	84	126	143	11	KED
|	**Cu**	**65**	**0.005**	ug/L	0.007	119	57	68	22	KED
|	**Zn**	**66**	**-0.037**	ug/L	0.006	16	271	240	0	KED
|	**Zn**	**67**	**-0.100**	ug/L	0.054	54	50	38	15	KED
⌊	**As**	**75**	**0.000**	ug/L	0.007	2193	4	4	50	KED
	Y	**89**		ug/L			892605	905027	1	Standard
	Kr	**83**		ug/L			290	349	4	Standard
⌈>	**In-1**	**115**		ug/L			26959	27434	0	KED
|	**Cd**	**111**	**-0.008**	ug/L	0.002	28	6	3	25	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.001	41	3	6	16	KED
⌈>	**In**	**115**		ug/L			1438506	1431962	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	39	41	73	15	Standard
|	**Sb**	**121**	**0.035**	ug/L	0.003	7	313	1027	4	Standard
⌊	**Sb**	**123**	**0.036**	ug/L	0.003	7	248	818	5	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2675259	0	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	20	883	777	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0244-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:13:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	45656	1	Standard
	Cl	37		ug/L			7699541	7809426	0	Standard
>	Sc	45		ug/L			1745118	1761042	1	Standard
	Cr	52	0.065	ug/L	0.019	28	28146	30327	0	Standard
	Cr	53	0.022	ug/L	0.003	14	339	423	3	Standard
>	Ge	72		ug/L			89964	92104	0	KED
	Ni	60	0.001	ug/L	0.007	979	27	29	41	KED
	Ni	62	-0.001	ug/L	0.011	1327	9	9	34	KED
	Cu	63	0.008	ug/L	0.004	48	126	170	11	KED
	Cu	65	0.007	ug/L	0.003	42	57	76	9	KED
	Zn	66	-0.116	ug/L	0.027	22	271	198	10	KED
	Zn	67	-0.177	ug/L	0.111	62	50	31	39	KED
	As	75	-0.005	ug/L	0.005	90	4	3	48	KED
	Y	89		ug/L			892605	911384	1	Standard
	Kr	83		ug/L			290	366	12	Standard
>	In-1	115		ug/L			26959	27312	1	KED
	Cd	111	-0.001	ug/L	0.009	816	6	6	51	KED
	Cd	114	0.000	ug/L	0.003	682	3	4	74	KED
>	In	115		ug/L			1438506	1451693	0	Standard
	Ag	107	0.001	ug/L	0.000	43	41	54	11	Standard
	Sb	121	0.003	ug/L	0.001	35	313	373	5	Standard
	Sb	123	0.003	ug/L	0.002	73	248	295	10	Standard
>	Tb	159		ug/L			2637041	2660387	2	Standard
	Pb	208	-0.002	ug/L	0.000	13	883	669	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0244-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:17:48

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	44139	1	Standard
	Cl	37		ug/L			7699541	7743603	1	Standard
>	Sc	45		ug/L			1745118	1762168	0	Standard
	Cr	52	23.433	ug/L	0.198	0	28146	726373	1	Standard
	Cr	53	22.325	ug/L	0.096	0	339	81165	0	Standard
>	Ge	72		ug/L			89964	92007	0	KED
	Ni	60	21.295	ug/L	0.408	1	27	37005	2	KED
	Ni	62	20.865	ug/L	0.340	1	9	5959	1	KED
	Cu	63	21.694	ug/L	0.046	0	126	108945	0	KED
	Cu	65	21.787	ug/L	0.291	1	57	53883	0	KED
	Zn	66	65.152	ug/L	0.506	0	271	45390	0	KED
	Zn	67	63.343	ug/L	0.186	0	50	7281	0	KED
	As	75	21.179	ug/L	0.118	0	4	7080	0	KED
	Y	89		ug/L			892605	907112	1	Standard
	Kr	83		ug/L			290	333	9	Standard
>	In-1	115		ug/L			26959	27527	1	KED
	Cd	111	21.428	ug/L	0.352	1	6	8658	1	KED
	Cd	114	21.396	ug/L	0.220	1	3	22399	0	KED
>	In	115		ug/L			1438506	1444364	0	Standard
	Ag	107	22.254	ug/L	0.404	1	41	410334	1	Standard
	Sb	121	19.989	ug/L	0.109	0	313	413733	0	Standard
	Sb	123	19.876	ug/L	0.378	1	248	317212	1	Standard
>	Tb	159		ug/L			2637041	2639504	1	Standard
	Pb	208	21.605	ug/L	0.318	1	883	2482304	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-12
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:21:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	54522	0	Standard
	Cl	37		ug/L			7699541	7799818	0	Standard
>	Sc	45		ug/L			1745118	1797120	0	Standard
	Cr	52	9.740	ug/L	0.120	1	28146	324814	0	Standard
	Cr	53	9.551	ug/L	0.213	2	339	35606	1	Standard
>	Ge	72		ug/L			89964	89379	1	KED
	Ni	60	6.428	ug/L	0.073	1	27	10868	0	KED
	Ni	62	6.310	ug/L	0.195	3	9	1756	1	KED
	Cu	63	29.170	ug/L	0.317	1	126	142243	0	KED
	Cu	65	29.642	ug/L	0.274	0	57	71194	1	KED
	Zn	66	35.967	ug/L	0.486	1	271	24460	0	KED
	Zn	67	34.214	ug/L	0.290	0	50	3843	2	KED
	As	75	5.964	ug/L	0.098	1	4	1940	2	KED
	Y	89		ug/L			892605	1053216	1	Standard
	Kr	83		ug/L			290	355	3	Standard
>	In-1	115		ug/L			26959	26470	0	KED
	Cd	111	0.121	ug/L	0.021	17	6	53	15	KED
	Cd	114	0.113	ug/L	0.011	9	3	116	9	KED
>	In	115		ug/L			1438506	1441728	1	Standard
	Ag	107	0.095	ug/L	0.004	4	41	1792	3	Standard
	Sb	121	0.011	ug/L	0.001	4	313	537	0	Standard
	Sb	123	0.011	ug/L	0.001	6	248	418	3	Standard
>	Tb	159		ug/L			2637041	2801573	0	Standard
	Pb	208	13.345	ug/L	0.109	0	883	1627922	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-13
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:25:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	48865	1	Standard
	Cl	37		ug/L			7699541	7668462	1	Standard
⌈>	Sc	45		ug/L			1745118	1828165	0	Standard
|	Cr	52	11.152	ug/L	0.087	0	28146	374078	0	Standard
⌊	Cr	53	10.858	ug/L	0.042	0	339	41136	0	Standard
⌈>	Ge	72		ug/L			89964	92050	0	KED
|	Ni	60	8.154	ug/L	0.052	0	27	14193	0	KED
|	Ni	62	8.126	ug/L	0.524	6	9	2327	5	KED
|	Cu	63	27.674	ug/L	0.277	0	126	138992	0	KED
|	Cu	65	27.727	ug/L	0.064	0	57	68589	0	KED
|	Zn	66	44.190	ug/L	1.140	2	271	30884	1	KED
|	Zn	67	42.125	ug/L	0.405	0	50	4861	1	KED
⌊	As	75	7.008	ug/L	0.167	2	4	2347	1	KED
	Y	89		ug/L			892605	1078677	1	Standard
	Kr	83		ug/L			290	400	5	Standard
⌈>	In-1	115		ug/L			26959	26778	1	KED
|	Cd	111	0.129	ug/L	0.005	3	6	57	3	KED
⌊	Cd	114	0.128	ug/L	0.012	9	3	134	8	KED
⌈>	In	115		ug/L			1438506	1453881	0	Standard
|	Ag	107	0.081	ug/L	0.004	4	41	1541	4	Standard
|	Sb	121	0.009	ug/L	0.001	13	313	507	5	Standard
⌊	Sb	123	0.008	ug/L	0.002	23	248	379	7	Standard
⌈>	Tb	159		ug/L			2637041	2852561	0	Standard
⌊	Pb	208	10.898	ug/L	0.114	1	883	1353768	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-14
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:29:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	57362	1	Standard
	Cl	37		ug/L			7699541	7647294	1	Standard
⌈>	Sc	45		ug/L			1745118	1829975	0	Standard
|	Cr	52	11.349	ug/L	0.144	1	28146	380544	1	Standard
⌊	Cr	53	10.969	ug/L	0.101	0	339	41596	1	Standard
⌈>	Ge	72		ug/L			89964	91409	0	KED
|	Ni	60	7.110	ug/L	0.033	0	27	12294	0	KED
|	Ni	62	7.225	ug/L	0.213	2	9	2056	2	KED
|	Cu	63	28.298	ug/L	0.133	0	126	141144	0	KED
|	Cu	65	28.290	ug/L	0.335	1	57	69494	0	KED
|	Zn	66	36.885	ug/L	0.385	1	271	25649	0	KED
|	Zn	67	34.813	ug/L	0.266	0	50	3998	0	KED
⌊	As	75	6.838	ug/L	0.185	2	4	2274	2	KED
	Y	89		ug/L			892605	1110258	0	Standard
	Kr	83		ug/L			290	379	6	Standard
⌈>	In-1	115		ug/L			26959	27028	1	KED
|	Cd	111	0.095	ug/L	0.020	20	6	44	17	KED
⌊	Cd	114	0.100	ug/L	0.003	3	3	106	2	KED
⌈>	In	115		ug/L			1438506	1468391	1	Standard
|	Ag	107	0.099	ug/L	0.000	0	41	1906	1	Standard
|	Sb	121	0.006	ug/L	0.001	10	313	449	4	Standard
⌊	Sb	123	0.005	ug/L	0.003	55	248	331	11	Standard
⌈>	Tb	159		ug/L			2637041	2864353	0	Standard
⌊	Pb	208	12.616	ug/L	0.143	1	883	1573600	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-15
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:33:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	58972	1	Standard
	Cl	37		ug/L			7699541	7725705	1	Standard
>	Sc	45		ug/L			1745118	1839379	0	Standard
	Cr	52	9.740	ug/L	0.215	2	28146	332449	1	Standard
	Cr	53	9.530	ug/L	0.126	1	339	36370	1	Standard
>	Ge	72		ug/L			89964	91371	1	KED
	Ni	60	6.386	ug/L	0.176	2	27	11036	1	KED
	Ni	62	6.411	ug/L	0.149	2	9	1824	0	KED
	Cu	63	22.698	ug/L	0.316	1	126	113176	1	KED
	Cu	65	22.681	ug/L	0.323	1	57	55704	2	KED
	Zn	66	38.708	ug/L	0.374	0	271	26890	0	KED
	Zn	67	36.672	ug/L	0.365	0	50	4208	2	KED
	As	75	7.701	ug/L	0.091	1	4	2560	2	KED
	Y	89		ug/L			892605	1082693	0	Standard
	Kr	83		ug/L			290	345	7	Standard
>	In-1	115		ug/L			26959	27051	2	KED
	Cd	111	0.123	ug/L	0.003	2	6	55	0	KED
	Cd	114	0.117	ug/L	0.015	12	3	124	12	KED
>	In	115		ug/L			1438506	1477848	0	Standard
	Ag	107	0.065	ug/L	0.002	3	41	1267	3	Standard
	Sb	121	0.024	ug/L	0.002	8	313	827	5	Standard
	Sb	123	0.026	ug/L	0.001	4	248	679	3	Standard
>	Tb	159		ug/L			2637041	2850451	1	Standard
	Pb	208	11.164	ug/L	0.067	0	883	1385757	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0371-16
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:37:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	56164	1	Standard
	Cl	37		ug/L			7699541	7691594	1	Standard
>	Sc	45		ug/L			1745118	1823962	1	Standard
	Cr	52	10.214	ug/L	0.157	1	28146	344286	0	Standard
	Cr	53	9.910	ug/L	0.091	0	339	37488	0	Standard
>	Ge	72		ug/L			89964	90594	1	KED
	Ni	60	6.208	ug/L	0.106	1	27	10642	1	KED
	Ni	62	6.120	ug/L	0.229	3	9	1727	2	KED
	Cu	63	22.106	ug/L	0.153	0	126	109297	0	KED
	Cu	65	22.128	ug/L	0.392	1	57	53879	1	KED
	Zn	66	35.304	ug/L	0.413	1	271	24341	0	KED
	Zn	67	33.359	ug/L	0.288	0	50	3799	1	KED
	As	75	7.298	ug/L	0.107	1	4	2405	1	KED
	Y	89		ug/L			892605	1065044	0	Standard
	Kr	83		ug/L			290	368	0	Standard
>	In-1	115		ug/L			26959	26803	0	KED
	Cd	111	0.158	ug/L	0.023	14	6	69	13	KED
	Cd	114	0.138	ug/L	0.007	5	3	144	5	KED
>	In	115		ug/L			1438506	1486260	1	Standard
	Ag	107	0.068	ug/L	0.002	2	41	1341	3	Standard
	Sb	121	0.035	ug/L	0.005	15	313	1060	9	Standard
	Sb	123	0.035	ug/L	0.006	16	248	836	12	Standard
>	Tb	159		ug/L			2637041	2850544	0	Standard
	Pb	208	9.941	ug/L	0.091	0	883	1234115	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0407-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:41:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	47814	0	Standard
	Cl	37		ug/L			7699541	7722436	0	Standard
>	Sc	45		ug/L			1745118	1834423	1	Standard
	Cr	52	12.221	ug/L	0.264	2	28146	408452	0	Standard
	Cr	53	11.978	ug/L	0.122	1	339	45494	0	Standard
>	Ge	72		ug/L			89964	91525	1	KED
	Ni	60	8.266	ug/L	0.117	1	27	14305	0	KED
	Ni	62	8.136	ug/L	0.057	0	9	2317	0	KED
	Cu	63	27.325	ug/L	0.121	0	126	136473	1	KED
	Cu	65	27.071	ug/L	0.063	0	57	66587	0	KED
	Zn	66	34.790	ug/L	0.344	0	271	24237	0	KED
	Zn	67	32.444	ug/L	0.763	2	50	3734	1	KED
	As	75	5.648	ug/L	0.069	1	4	1882	0	KED
	Y	89		ug/L			892605	1114049	1	Standard
	Kr	83		ug/L			290	375	10	Standard
>	In-1	115		ug/L			26959	26042	3	KED
	Cd	111	0.074	ug/L	0.004	5	6	34	1	KED
	Cd	114	0.092	ug/L	0.006	6	3	94	2	KED
>	In	115		ug/L			1438506	1459824	0	Standard
	Ag	107	0.072	ug/L	0.002	3	41	1385	3	Standard
	Sb	121	0.009	ug/L	0.000	4	313	504	1	Standard
	Sb	123	0.008	ug/L	0.001	17	248	382	5	Standard
>	Tb	159		ug/L			2637041	2867139	0	Standard
	Pb	208	11.351	ug/L	0.111	0	883	1417179	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0386-02
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:46:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	48240	0	Standard
	Cl	37		ug/L			7699541	7860382	0	Standard
⌈>	Sc	45		ug/L			1745118	1813493	0	Standard
|	Cr	52	9.415	ug/L	0.115	1	28146	317831	0	Standard
⌊	Cr	53	9.142	ug/L	0.097	1	339	34411	0	Standard
⌈>	Ge	72		ug/L			89964	91145	1	KED
|	Ni	60	6.780	ug/L	0.172	2	27	11691	3	KED
|	Ni	62	6.530	ug/L	0.112	1	9	1854	1	KED
|	Cu	63	23.257	ug/L	0.313	1	126	115678	0	KED
|	Cu	65	23.176	ug/L	0.118	0	57	56779	1	KED
|	Zn	66	30.365	ug/L	0.252	0	271	21103	1	KED
|	Zn	67	29.882	ug/L	0.487	1	50	3429	2	KED
⌊	As	75	4.509	ug/L	0.043	0	4	1497	0	KED
	Y	89		ug/L			892605	1089731	1	Standard
	Kr	83		ug/L			290	367	2	Standard
⌈>	In-1	115		ug/L			26959	26753	1	KED
|	Cd	111	0.088	ug/L	0.033	37	6	41	30	KED
⌊	Cd	114	0.074	ug/L	0.015	19	3	79	17	KED
⌈>	In	115		ug/L			1438506	1450112	1	Standard
|	Ag	107	0.075	ug/L	0.003	4	41	1426	2	Standard
|	Sb	121	0.003	ug/L	0.001	55	313	370	9	Standard
⌊	Sb	123	0.000	ug/L	0.002	1355	248	253	13	Standard
⌈>	Tb	159		ug/L			2637041	2818900	1	Standard
⌊	Pb	208	9.659	ug/L	0.073	0	883	1185776	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0386-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:51:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	52556	0	Standard
	Cl	37		ug/L			7699541	7742615	2	Standard
>	Sc	45		ug/L			1745118	1843812	0	Standard
	Cr	52	11.100	ug/L	0.070	0	28146	375668	0	Standard
	Cr	53	10.694	ug/L	0.024	0	339	40865	0	Standard
>	Ge	72		ug/L			89964	90004	1	KED
	Ni	60	7.513	ug/L	0.013	0	27	12790	1	KED
	Ni	62	7.637	ug/L	0.229	2	9	2139	3	KED
	Cu	63	32.400	ug/L	0.385	1	126	159084	1	KED
	Cu	65	32.399	ug/L	0.359	1	57	78350	1	KED
	Zn	66	62.364	ug/L	0.198	0	271	42512	1	KED
	Zn	67	59.160	ug/L	1.485	2	50	6654	2	KED
	As	75	7.841	ug/L	0.128	1	4	2567	1	KED
	Y	89		ug/L			892605	1068188	0	Standard
	Kr	83		ug/L			290	358	7	Standard
>	In-1	115		ug/L			26959	27002	4	KED
	Cd	111	0.226	ug/L	0.015	6	6	96	3	KED
	Cd	114	0.203	ug/L	0.002	0	3	211	4	KED
>	In	115		ug/L			1438506	1470900	1	Standard
	Ag	107	0.086	ug/L	0.001	1	41	1658	0	Standard
	Sb	121	0.006	ug/L	0.002	29	313	438	8	Standard
	Sb	123	0.004	ug/L	0.001	16	248	315	2	Standard
>	Tb	159		ug/L			2637041	2868209	0	Standard
	Pb	208	11.839	ug/L	0.031	0	883	1478760	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 04:59:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	30274	0	Standard
	Cl	**37**		ug/L			7699541	8077344	0	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1742499	0	Standard
|	**Cr**	**52**	**52.400**	ug/L	0.987	1	28146	1571336	1	Standard
⌊	**Cr**	**53**	**49.854**	ug/L	0.857	1	339	178798	1	Standard
⌈>	**Ge**	**72**		ug/L			89964	89043	1	KED
|	**Ni**	**60**	**47.289**	ug/L	0.505	1	27	79487	0	KED
|	**Ni**	**62**	**46.807**	ug/L	0.634	1	9	12927	1	KED
|	**Cu**	**63**	**47.683**	ug/L	0.506	1	126	231572	0	KED
|	**Cu**	**65**	**47.541**	ug/L	0.110	0	57	113723	1	KED
|	**Zn**	**66**	**45.871**	ug/L	1.550	3	271	30998	2	KED
|	**Zn**	**67**	**47.748**	ug/L	1.533	3	50	5324	4	KED
⌊	**As**	**75**	**48.867**	ug/L	0.771	1	4	15803	0	KED
	Y	**89**		ug/L			892605	904021	2	Standard
	Kr	**83**		ug/L			290	330	7	Standard
⌈>	**In-1**	**115**		ug/L			26959	26829	1	KED
|	**Cd**	**111**	**47.580**	ug/L	0.827	1	6	18729	1	KED
⌊	**Cd**	**114**	**47.821**	ug/L	0.442	0	3	48789	0	KED
⌈>	**In**	**115**		ug/L			1438506	1436978	1	Standard
|	**Ag**	**107**	**48.876**	ug/L	1.635	3	41	896284	2	Standard
|	**Sb**	**121**	**45.385**	ug/L	0.282	0	313	934225	2	Standard
⌊	**Sb**	**123**	**46.009**	ug/L	1.198	2	248	730007	0	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2760723	1	Standard
⌊	**Pb**	**208**	**49.385**	ug/L	0.943	1	883	5932914	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:05:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	31848	0	Standard
	Cl	**37**		ug/L			7699541	7832228	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1752161	0	Standard
|	**Cr**	**52**	**-0.005**	ug/L	0.016	302	28146	28099	1	Standard
⌊	**Cr**	**53**	**-0.008**	ug/L	0.005	59	339	313	5	Standard
⌈>	**Ge**	**72**		ug/L			89964	90531	1	KED
|	**Ni**	**60**	**0.001**	ug/L	0.003	422	27	29	16	KED
|	**Ni**	**62**	**-0.005**	ug/L	0.027	544	9	8	93	KED
|	**Cu**	**63**	**0.002**	ug/L	0.002	81	126	137	6	KED
|	**Cu**	**65**	**0.004**	ug/L	0.003	69	57	67	9	KED
|	**Zn**	**66**	**-0.091**	ug/L	0.030	33	271	211	9	KED
|	**Zn**	**67**	**-0.144**	ug/L	0.030	21	50	34	9	KED
⌊	**As**	**75**	**-0.004**	ug/L	0.002	35	4	3	14	KED
	Y	**89**		ug/L			892605	906804	2	Standard
	Kr	**83**		ug/L			290	373	4	Standard
⌈>	**In-1**	**115**		ug/L			26959	26791	0	KED
|	**Cd**	**111**	**-0.007**	ug/L	0.004	50	6	4	35	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.004	227	3	5	71	KED
⌈>	**In**	**115**		ug/L			1438506	1438260	2	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	31	41	76	15	Standard
|	**Sb**	**121**	**0.030**	ug/L	0.001	2	313	923	1	Standard
⌊	**Sb**	**123**	**0.030**	ug/L	0.004	14	248	724	7	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2676098	1	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	37	883	766	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0386-04
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:09:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	50847	0	Standard
	Cl	37		ug/L			7699541	7739175	0	Standard
>	Sc	45		ug/L			1745118	1810683	1	Standard
	Cr	52	9.167	ug/L	0.129	1	28146	309715	0	Standard
	Cr	53	8.954	ug/L	0.105	1	339	33657	0	Standard
>	Ge	72		ug/L			89964	91253	1	KED
	Ni	60	6.295	ug/L	0.089	1	27	10870	2	KED
	Ni	62	6.238	ug/L	0.207	3	9	1774	3	KED
	Cu	63	19.347	ug/L	0.235	1	126	96369	1	KED
	Cu	65	19.437	ug/L	0.428	2	57	47674	0	KED
	Zn	66	29.945	ug/L	0.468	1	271	20837	0	KED
	Zn	67	27.934	ug/L	0.379	1	50	3213	1	KED
	As	75	5.178	ug/L	0.080	1	4	1720	0	KED
	Y	89		ug/L			892605	1082912	1	Standard
	Kr	83		ug/L			290	366	2	Standard
>	In-1	115		ug/L			26959	26687	1	KED
	Cd	111	0.080	ug/L	0.016	20	6	38	15	KED
	Cd	114	0.091	ug/L	0.018	19	3	95	18	KED
>	In	115		ug/L			1438506	1457826	1	Standard
	Ag	107	0.062	ug/L	0.002	3	41	1188	2	Standard
	Sb	121	0.016	ug/L	0.002	15	313	645	7	Standard
	Sb	123	0.014	ug/L	0.002	17	248	479	6	Standard
>	Tb	159		ug/L			2637041	2812919	0	Standard
	Pb	208	8.321	ug/L	0.090	1	883	1019499	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0386-05
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:13:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	53840	1	Standard
	Cl	37		ug/L			7699541	7694612	1	Standard
>	Sc	45		ug/L			1745118	1838893	0	Standard
	Cr	52	11.239	ug/L	0.056	0	28146	378968	0	Standard
	Cr	53	10.932	ug/L	0.116	1	339	41657	0	Standard
>	Ge	72		ug/L			89964	89399	0	KED
	Ni	60	7.251	ug/L	0.146	2	27	12259	1	KED
	Ni	62	7.482	ug/L	0.137	1	9	2082	2	KED
	Cu	63	33.624	ug/L	0.688	2	126	163999	2	KED
	Cu	65	34.022	ug/L	0.264	0	57	81723	0	KED
	Zn	66	57.507	ug/L	0.499	0	271	38959	0	KED
	Zn	67	54.211	ug/L	0.527	0	50	6062	1	KED
	As	75	8.666	ug/L	0.088	1	4	2818	0	KED
	Y	89		ug/L			892605	1069661	0	Standard
	Kr	83		ug/L			290	370	15	Standard
>	In-1	115		ug/L			26959	26381	1	KED
	Cd	111	0.146	ug/L	0.019	13	6	63	11	KED
	Cd	114	0.154	ug/L	0.013	8	3	157	7	KED
>	In	115		ug/L			1438506	1454786	1	Standard
	Ag	107	0.087	ug/L	0.005	5	41	1655	5	Standard
	Sb	121	0.007	ug/L	0.001	20	313	466	5	Standard
	Sb	123	0.006	ug/L	0.004	65	248	340	18	Standard
>	Tb	159		ug/L			2637041	2851783	1	Standard
	Pb	208	12.417	ug/L	0.119	0	883	1541874	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0386-06
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:17:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	52276	1	Standard
	Cl	37		ug/L			7699541	7954977	2	Standard
>	Sc	45		ug/L			1745118	1826022	1	Standard
	Cr	52	11.339	ug/L	0.144	1	28146	379367	0	Standard
	Cr	53	11.078	ug/L	0.153	1	339	41909	1	Standard
>	Ge	72		ug/L			89964	90371	1	KED
	Ni	60	6.772	ug/L	0.109	1	27	11578	2	KED
	Ni	62	6.695	ug/L	0.135	2	9	1885	3	KED
	Cu	63	33.211	ug/L	0.011	0	126	163743	1	KED
	Cu	65	33.359	ug/L	0.312	0	57	81004	1	KED
	Zn	66	55.035	ug/L	0.690	1	271	37699	0	KED
	Zn	67	52.185	ug/L	0.129	0	50	5900	1	KED
	As	75	12.596	ug/L	0.108	0	4	4138	1	KED
	Y	89		ug/L			892605	1075316	1	Standard
	Kr	83		ug/L			290	370	10	Standard
>	In-1	115		ug/L			26959	26345	1	KED
	Cd	111	0.156	ug/L	0.012	7	6	66	5	KED
	Cd	114	0.145	ug/L	0.014	9	3	149	9	KED
>	In	115		ug/L			1438506	1467663	0	Standard
	Ag	107	0.079	ug/L	0.002	2	41	1525	1	Standard
	Sb	121	0.007	ug/L	0.001	19	313	476	6	Standard
	Sb	123	0.006	ug/L	0.002	39	248	349	10	Standard
>	Tb	159		ug/L			2637041	2863529	0	Standard
	Pb	208	10.943	ug/L	0.127	1	883	1364563	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0386-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:21:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	48036	1	Standard
	Cl	37		ug/L			7699541	7391674	0	Standard
>	Sc	45		ug/L			1745118	1791684	1	Standard
	Cr	52	11.818	ug/L	0.244	2	28146	386726	0	Standard
	Cr	53	11.416	ug/L	0.284	2	339	42363	1	Standard
>	Ge	72		ug/L			89964	91265	0	KED
	Ni	60	9.238	ug/L	0.202	2	27	15939	2	KED
	Ni	62	9.385	ug/L	0.100	1	9	2664	1	KED
	Cu	63	20.143	ug/L	0.269	1	126	100351	1	KED
	Cu	65	20.408	ug/L	0.071	0	57	50069	0	KED
	Zn	66	60.785	ug/L	0.461	0	271	42024	0	KED
	Zn	67	57.888	ug/L	0.952	1	50	6604	1	KED
	As	75	10.171	ug/L	0.228	2	4	3376	2	KED
	Y	89		ug/L			892605	1054291	0	Standard
	Kr	83		ug/L			290	352	9	Standard
>	In-1	115		ug/L			26959	26557	0	KED
	Cd	111	0.111	ug/L	0.008	7	6	50	6	KED
	Cd	114	0.131	ug/L	0.012	8	3	136	9	KED
>	In	115		ug/L			1438506	1470935	0	Standard
	Ag	107	0.043	ug/L	0.002	3	41	850	3	Standard
	Sb	121	0.033	ug/L	0.003	9	313	1017	6	Standard
	Sb	123	0.035	ug/L	0.003	7	248	830	5	Standard
>	Tb	159		ug/L			2637041	2961586	1	Standard
	Pb	208	10.176	ug/L	0.126	1	883	1312466	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0244-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:25:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	48595	1	Standard
	Cl	37		ug/L			7699541	7395576	0	Standard
⌈>	Sc	45		ug/L			1745118	1807618	0	Standard
|	Cr	52	12.586	ug/L	0.158	1	28146	413695	1	Standard
⌊	Cr	53	12.307	ug/L	0.202	1	339	46052	0	Standard
⌈>	Ge	72		ug/L			89964	91281	1	KED
|	Ni	60	9.695	ug/L	0.316	3	27	16722	1	KED
|	Ni	62	9.914	ug/L	0.491	4	9	2812	3	KED
|	Cu	63	21.284	ug/L	0.421	1	126	106019	1	KED
|	Cu	65	21.234	ug/L	0.756	3	57	52083	2	KED
|	Zn	66	60.676	ug/L	0.951	1	271	41948	0	KED
|	Zn	67	57.651	ug/L	1.193	2	50	6578	1	KED
⌊	As	75	9.880	ug/L	0.252	2	4	3278	0	KED
	Y	89		ug/L			892605	1058278	0	Standard
	Kr	83		ug/L			290	363	8	Standard
⌈>	In-1	115		ug/L			26959	27217	0	KED
|	Cd	111	0.120	ug/L	0.014	11	6	54	9	KED
⌊	Cd	114	0.134	ug/L	0.010	7	3	142	7	KED
⌈>	In	115		ug/L			1438506	1482140	0	Standard
|	Ag	107	0.044	ug/L	0.004	8	41	866	8	Standard
|	Sb	121	0.028	ug/L	0.001	3	313	906	1	Standard
⌊	Sb	123	0.026	ug/L	0.003	11	248	686	7	Standard
⌈>	Tb	159		ug/L			2637041	2950341	2	Standard
⌊	Pb	208	10.834	ug/L	0.214	1	883	1391624	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0244-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:30:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	43840	1	Standard
	Cl	37		ug/L			7699541	7655993	0	Standard
>	Sc	45		ug/L			1745118	1832124	1	Standard
	Cr	52	38.066	ug/L	0.510	1	28146	1208475	2	Standard
	Cr	53	36.773	ug/L	0.462	1	339	138758	0	Standard
>	Ge	72		ug/L			89964	94397	1	KED
	Ni	60	29.517	ug/L	0.499	1	27	52605	0	KED
	Ni	62	29.943	ug/L	1.082	3	9	8767	2	KED
	Cu	63	112.537	ug/L	0.896	0	126	579276	1	KED
	Cu	65	112.888	ug/L	1.692	1	57	286166	0	KED
	Zn	66	102.877	ug/L	2.437	2	271	73352	0	KED
	Zn	67	96.197	ug/L	1.497	1	50	11317	2	KED
	As	75	32.001	ug/L	0.497	1	4	10973	1	KED
	Y	89		ug/L			892605	1073196	0	Standard
	Kr	83		ug/L			290	356	2	Standard
>	In-1	115		ug/L			26959	27586	1	KED
	Cd	111	18.103	ug/L	0.511	2	6	7331	1	KED
	Cd	114	17.752	ug/L	0.360	2	3	18625	2	KED
>	In	115		ug/L			1438506	1515073	2	Standard
	Ag	107	6.487	ug/L	0.212	3	41	125433	1	Standard
	Sb	121	0.725	ug/L	0.012	1	313	16066	3	Standard
	Sb	123	0.727	ug/L	0.016	2	248	12422	0	Standard
>	Tb	159		ug/L			2637041	3072413	0	Standard
	Pb	208	32.881	ug/L	0.385	1	883	4397120	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0244-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:34:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	49369	0	Standard
	Cl	37		ug/L			7699541	7294113	0	Standard
>	Sc	45		ug/L			1745118	1789208	0	Standard
	Cr	52	37.001	ug/L	0.363	0	28146	1147811	0	Standard
	Cr	53	36.204	ug/L	0.347	0	339	133423	0	Standard
>	Ge	72		ug/L			89964	90343	0	KED
	Ni	60	33.584	ug/L	0.217	0	27	57286	0	KED
	Ni	62	33.180	ug/L	0.376	1	9	9300	0	KED
	Cu	63	44.652	ug/L	0.617	1	126	220044	1	KED
	Cu	65	44.325	ug/L	0.542	1	57	107579	0	KED
	Zn	66	134.091	ug/L	0.564	0	271	91439	0	KED
	Zn	67	126.825	ug/L	1.870	1	50	14264	1	KED
	As	75	34.748	ug/L	0.097	0	4	11404	0	KED
	Y	89		ug/L			892605	1041785	0	Standard
	Kr	83		ug/L			290	366	2	Standard
>	In-1	115		ug/L			26959	27437	0	KED
	Cd	111	23.508	ug/L	0.514	2	6	9468	2	KED
	Cd	114	24.114	ug/L	0.283	1	3	25162	1	KED
>	In	115		ug/L			1438506	1491208	1	Standard
	Ag	107	23.124	ug/L	0.555	2	41	440116	1	Standard
	Sb	121	22.547	ug/L	0.278	1	313	481714	1	Standard
	Sb	123	21.893	ug/L	0.124	0	248	360713	1	Standard
>	Tb	159		ug/L			2637041	2958992	2	Standard
	Pb	208	34.379	ug/L	0.609	1	883	4427111	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0244-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:38:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	49573	1	Standard
	Cl	37		ug/L			7699541	7562083	0	Standard
⌈>	Sc	45		ug/L			1745118	1905722	0	Standard
|	Cr	52	142.885	ug/L	1.499	1	28146	4633420	1	Standard
⌊	Cr	53	139.682	ug/L	0.153	0	339	547252	0	Standard
⌈>	Ge	72		ug/L			89964	93277	0	KED
|	Ni	60	119.462	ug/L	1.275	1	27	210312	0	KED
|	Ni	62	120.839	ug/L	1.493	1	9	34947	2	KED
|	Cu	63	94.184	ug/L	1.595	1	126	479029	1	KED
|	Cu	65	94.579	ug/L	1.184	1	57	236927	0	KED
|	Zn	66	197.156	ug/L	3.177	1	271	138666	0	KED
|	Zn	67	209.909	ug/L	1.304	0	50	24340	0	KED
⌊	As	75	94.804	ug/L	0.829	0	4	32116	0	KED
	Y	89		ug/L			892605	1357341	2	Standard
	Kr	83		ug/L			290	408	7	Standard
⌈>	In-1	115		ug/L			26959	27288	1	KED
|	Cd	111	111.732	ug/L	2.192	1	6	44721	0	KED
⌊	Cd	114	112.214	ug/L	1.227	1	3	116435	0	KED
⌈>	In	115		ug/L			1438506	1497161	0	Standard
|	Ag	107	28.521	ug/L	1.076	3	41	545140	4	Standard
|	Sb	121	4.806	ug/L	0.086	1	313	103355	1	Standard
⌊	Sb	123	4.853	ug/L	0.072	1	248	80482	1	Standard
⌈>	Tb	159		ug/L			2637041	2973094	2	Standard
⌊	Pb	208	103.591	ug/L	1.229	1	883	13401912	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:44:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	30128	1	Standard
	Cl	**37**		ug/L			7699541	7459026	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1771614	0	Standard
|	**Cr**	**52**	**-0.078**	ug/L	0.008	10	28146	26233	0	Standard
⌊	**Cr**	**53**	**-0.009**	ug/L	0.005	57	339	311	6	Standard
⌈>	**Ge**	**72**		ug/L			89964	92072	3	KED
|	**Ni**	**60**	**0.007**	ug/L	0.005	73	27	40	20	KED
|	**Ni**	**62**	**-0.003**	ug/L	0.021	832	9	8	65	KED
|	**Cu**	**63**	**0.003**	ug/L	0.003	90	126	143	6	KED
|	**Cu**	**65**	**0.000**	ug/L	0.005	1794	57	59	20	KED
|	**Zn**	**66**	**-0.003**	ug/L	0.023	872	271	276	5	KED
|	**Zn**	**67**	**0.033**	ug/L	0.061	184	50	55	15	KED
⌊	**As**	**75**	**0.006**	ug/L	0.010	174	4	6	46	KED
	Y	**89**		ug/L			892605	920573	1	Standard
	Kr	**83**		ug/L			290	337	10	Standard
⌈>	**In-1**	**115**		ug/L			26959	27249	0	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.005	2694	6	6	28	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.007	126	3	9	74	KED
⌈>	**In**	**115**		ug/L			1438506	1482976	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	4	41	82	2	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.001	7	313	114	13	Standard
⌊	**Sb**	**123**	**-0.010**	ug/L	0.000	5	248	99	7	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2743658	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	22	883	1073	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:48:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	30441	2	Standard
	Cl	**37**		ug/L			7699541	7709031	3	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1626815	16	Standard
|	**Cr**	**52**	**58.620**	ug/L	10.391	17	28146	1606121	1	Standard
⌊	**Cr**	**53**	**56.320**	ug/L	9.903	17	339	184840	1	Standard
⌈>	**Ge**	**72**		ug/L			89964	91292	0	KED
|	**Ni**	**60**	**48.779**	ug/L	0.503	1	27	84068	0	KED
|	**Ni**	**62**	**47.994**	ug/L	1.011	2	9	13589	1	KED
|	**Cu**	**63**	**48.482**	ug/L	0.534	1	126	241408	0	KED
|	**Cu**	**65**	**49.004**	ug/L	0.219	0	57	120182	0	KED
|	**Zn**	**66**	**46.825**	ug/L	0.372	0	271	32445	0	KED
|	**Zn**	**67**	**47.341**	ug/L	0.857	1	50	5412	1	KED
⌊	**As**	**75**	**49.278**	ug/L	0.174	0	4	16341	0	KED
	Y	**89**		ug/L			892605	845572	15	Standard
	Kr	**83**		ug/L			290	345	7	Standard
⌈>	**In-1**	**115**		ug/L			26959	26404	0	KED
|	**Cd**	**111**	**48.676**	ug/L	0.521	1	6	18859	0	KED
⌊	**Cd**	**114**	**49.140**	ug/L	0.176	0	3	49345	1	KED
⌈>	**In**	**115**		ug/L			1438506	1330451	18	Standard
|	**Ag**	**107**	**54.581**	ug/L	10.730	19	41	904376	1	Standard
|	**Sb**	**121**	**51.133**	ug/L	10.858	21	313	948747	1	Standard
⌊	**Sb**	**123**	**52.314**	ug/L	10.420	19	248	749728	0	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2514221	20	Standard
⌊	**Pb**	**208**	**57.068**	ug/L	13.140	23	883	6051758	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:55:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	32206	0	Standard
	Cl	**37**		ug/L			7699541	7600096	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1743719	0	Standard
|	**Cr**	**52**	**-0.012**	ug/L	0.009	73	28146	27766	0	Standard
⌊	**Cr**	**53**	**-0.014**	ug/L	0.004	27	339	288	4	Standard
⌈>	**Ge**	**72**		ug/L			89964	90796	1	KED
|	**Ni**	**60**	**0.001**	ug/L	0.002	147	27	30	10	KED
|	**Ni**	**62**	**-0.012**	ug/L	0.008	67	9	6	34	KED
|	**Cu**	**63**	**0.002**	ug/L	0.005	334	126	135	18	KED
|	**Cu**	**65**	**0.004**	ug/L	0.001	23	57	68	2	KED
|	**Zn**	**66**	**-0.014**	ug/L	0.003	23	271	264	1	KED
|	**Zn**	**67**	**-0.095**	ug/L	0.046	48	50	40	14	KED
⌊	**As**	**75**	**0.003**	ug/L	0.003	90	4	5	16	KED
	Y	**89**		ug/L			892605	900627	1	Standard
	Kr	**83**		ug/L			290	338	4	Standard
⌈>	**In-1**	**115**		ug/L			26959	27401	1	KED
|	**Cd**	**111**	**-0.007**	ug/L	0.009	141	6	4	86	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.004	350	3	4	80	KED
⌈>	**In**	**115**		ug/L			1438506	1417685	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	34	41	78	18	Standard
|	**Sb**	**121**	**0.029**	ug/L	0.001	2	313	892	0	Standard
⌊	**Sb**	**123**	**0.029**	ug/L	0.002	7	248	701	3	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2624056	0	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	52	883	799	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0055-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 05:59:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	46324	1	Standard
	Cl	37		ug/L			7699541	7737119	1	Standard
>	Sc	45		ug/L			1745118	1783717	1	Standard
	Cr	52	0.065	ug/L	0.028	43	28146	30717	1	Standard
	Cr	53	0.031	ug/L	0.005	17	339	459	3	Standard
>	Ge	72		ug/L			89964	92768	0	KED
	Ni	60	0.018	ug/L	0.006	32	27	60	17	KED
	Ni	62	0.008	ug/L	0.019	245	9	12	45	KED
	Cu	63	0.012	ug/L	0.005	43	126	193	14	KED
	Cu	65	0.016	ug/L	0.002	11	57	99	5	KED
	Zn	66	-0.133	ug/L	0.015	10	271	187	5	KED
	Zn	67	-0.173	ug/L	0.085	49	50	31	30	KED
	As	75	0.002	ug/L	0.004	179	4	5	25	KED
	Y	89		ug/L			892605	903896	0	Standard
	Kr	83		ug/L			290	326	11	Standard
>	In-1	115		ug/L			26959	27810	1	KED
	Cd	111	-0.009	ug/L	0.005	55	6	3	56	KED
	Cd	114	-0.001	ug/L	0.002	284	3	3	65	KED
>	In	115		ug/L			1438506	1461606	1	Standard
	Ag	107	0.001	ug/L	0.001	77	41	56	20	Standard
	Sb	121	0.001	ug/L	0.002	112	313	347	7	Standard
	Sb	123	0.002	ug/L	0.001	42	248	281	6	Standard
>	Tb	159		ug/L			2637041	2721335	1	Standard
	Pb	208	-0.000	ug/L	0.000	154	883	895	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0055-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:03:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	48271	1	Standard
	Cl	**37**		ug/L			7699541	7617586	1	Standard
⎡>	**Sc**	**45**		ug/L			1745118	1766189	0	Standard
⎢	**Cr**	**52**	**27.156**	ug/L	0.378	1	28146	839139	1	Standard
⎣	**Cr**	**53**	**26.119**	ug/L	0.364	1	339	95110	0	Standard
⎡>	**Ge**	**72**		ug/L			89964	92285	0	KED
⎢	**Ni**	**60**	**24.395**	ug/L	0.394	1	27	42515	1	KED
⎢	**Ni**	**62**	**24.613**	ug/L	0.278	1	9	7049	1	KED
⎢	**Cu**	**63**	**24.907**	ug/L	0.096	0	126	125435	0	KED
⎢	**Cu**	**65**	**24.752**	ug/L	0.650	2	57	61391	2	KED
⎢	**Zn**	**66**	**74.379**	ug/L	0.280	0	271	51936	0	KED
⎢	**Zn**	**67**	**71.295**	ug/L	1.138	1	50	8213	1	KED
⎣	**As**	**75**	**24.336**	ug/L	0.129	0	4	8160	0	KED
	Y	**89**		ug/L			892605	923108	0	Standard
	Kr	**83**		ug/L			290	334	2	Standard
⎡>	**In-1**	**115**		ug/L			26959	27486	1	KED
⎢	**Cd**	**111**	**24.539**	ug/L	0.279	1	6	9899	0	KED
⎣	**Cd**	**114**	**24.685**	ug/L	0.142	0	3	25806	1	KED
⎡>	**In**	**115**		ug/L			1438506	1491906	1	Standard
⎢	**Ag**	**107**	**24.889**	ug/L	0.556	2	41	473919	0	Standard
⎢	**Sb**	**121**	**-0.005**	ug/L	0.002	38	313	219	19	Standard
⎣	**Sb**	**123**	**-0.005**	ug/L	0.001	17	248	169	8	Standard
⎡>	**Tb**	**159**		ug/L			2637041	2708319	1	Standard
⎣	**Pb**	**208**	**24.669**	ug/L	0.282	1	883	2908347	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0055-BSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:07:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	48934	2	Standard
	Cl	**37**		ug/L			7699541	7771941	0	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1797789	1	Standard
⎢	**Cr**	**52**	**26.669**	ug/L	0.598	2	28146	839263	1	Standard
⌊	**Cr**	**53**	**25.690**	ug/L	0.460	1	339	95223	1	Standard
⌈>	**Ge**	**72**		ug/L			89964	93678	0	KED
⎢	**Ni**	**60**	**24.246**	ug/L	0.338	1	27	42890	0	KED
⎢	**Ni**	**62**	**23.719**	ug/L	0.302	1	9	6896	0	KED
⎢	**Cu**	**63**	**24.843**	ug/L	0.388	1	126	126994	1	KED
⎢	**Cu**	**65**	**24.621**	ug/L	0.406	1	57	61986	0	KED
⎢	**Zn**	**66**	**73.362**	ug/L	0.577	0	271	52001	0	KED
⎢	**Zn**	**67**	**70.533**	ug/L	1.501	2	50	8248	1	KED
⌊	**As**	**75**	**23.734**	ug/L	0.228	0	4	8078	0	KED
	Y	**89**		ug/L			892605	916165	0	Standard
	Kr	**83**		ug/L			290	353	5	Standard
⌈>	**In-1**	**115**		ug/L			26959	27228	0	KED
⎢	**Cd**	**111**	**24.567**	ug/L	0.165	0	6	9819	0	KED
⌊	**Cd**	**114**	**24.961**	ug/L	0.298	1	3	25849	1	KED
⌈>	**In**	**115**		ug/L			1438506	1506037	2	Standard
⎢	**Ag**	**107**	**24.512**	ug/L	0.562	2	41	471119	0	Standard
⎢	**Sb**	**121**	**-0.005**	ug/L	0.001	10	313	217	5	Standard
⌊	**Sb**	**123**	**-0.004**	ug/L	0.001	16	248	192	7	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2730057	0	Standard
⌊	**Pb**	**208**	**24.700**	ug/L	0.266	1	883	2935395	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:11:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	49517	0	Standard
	Cl	**37**		ug/L			7699541	6364251	0	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1996393	0	Standard
|	**Cr**	**52**	**1.816**	ug/L	0.029	1	28146	93471	1	Standard
⌊	**Cr**	**53**	**2.193**	ug/L	0.023	1	339	9380	0	Standard
⌈>	**Ge**	**72**		ug/L			89964	73785	0	KED
|	**Ni**	**60**	**1.049**	ug/L	0.039	3	27	1483	4	KED
|	**Ni**	**62**	**1.029**	ug/L	0.064	6	9	243	5	KED
|	**Cu**	**63**	**3.239**	ug/L	0.010	0	126	13133	0	KED
|	**Cu**	**65**	**3.196**	ug/L	0.095	2	57	6377	2	KED
|	**Zn**	**66**	**4.454**	ug/L	0.044	0	271	2696	1	KED
|	**Zn**	**67**	**11.041**	ug/L	0.690	6	50	1051	5	KED
⌊	**As**	**75**	**0.660**	ug/L	0.030	4	4	180	5	KED
	Y	**89**		ug/L			892605	814105	1	Standard
	Kr	**83**		ug/L			290	326	2	Standard
⌈>	**In-1**	**115**		ug/L			26959	22440	0	KED
|	**Cd**	**111**	**0.376**	ug/L	0.035	9	6	129	8	KED
⌊	**Cd**	**114**	**0.388**	ug/L	0.012	3	3	334	2	KED
⌈>	**In**	**115**		ug/L			1438506	1216444	2	Standard
|	**Ag**	**107**	**0.032**	ug/L	0.000	0	41	537	2	Standard
|	**Sb**	**121**	**0.117**	ug/L	0.006	5	313	2304	5	Standard
⌊	**Sb**	**123**	**0.120**	ug/L	0.004	3	248	1828	4	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2593359	1	Standard
⌊	**Pb**	**208**	**0.195**	ug/L	0.004	2	883	22900	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:15:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	46055	2	Standard
	Cl	**37**		ug/L			7699541	6339116	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1973705	1	Standard
|	**Cr**	**52**	**1.110**	ug/L	0.043	3	28146	68855	1	Standard
⌊	**Cr**	**53**	**1.544**	ug/L	0.030	1	339	6645	0	Standard
⌈>	**Ge**	**72**		ug/L			89964	73207	1	KED
|	**Ni**	**60**	**1.147**	ug/L	0.017	1	27	1607	2	KED
|	**Ni**	**62**	**1.064**	ug/L	0.151	14	9	248	12	KED
|	**Cu**	**63**	**3.635**	ug/L	0.028	0	126	14608	1	KED
|	**Cu**	**65**	**3.709**	ug/L	0.109	2	57	7336	2	KED
|	**Zn**	**66**	**4.280**	ug/L	0.207	4	271	2578	2	KED
|	**Zn**	**67**	**11.917**	ug/L	1.017	8	50	1122	7	KED
⌊	**As**	**75**	**0.719**	ug/L	0.047	6	4	195	6	KED
	Y	**89**		ug/L			892605	821266	0	Standard
	Kr	**83**		ug/L			290	350	9	Standard
⌈>	**In-1**	**115**		ug/L			26959	22907	0	KED
|	**Cd**	**111**	**0.345**	ug/L	0.020	5	6	121	5	KED
⌊	**Cd**	**114**	**0.373**	ug/L	0.012	3	3	328	2	KED
⌈>	**In**	**115**		ug/L			1438506	1157276	1	Standard
|	**Ag**	**107**	**0.011**	ug/L	0.002	22	41	198	17	Standard
|	**Sb**	**121**	**0.116**	ug/L	0.003	2	313	2181	3	Standard
⌊	**Sb**	**123**	**0.120**	ug/L	0.007	5	248	1738	4	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2597985	2	Standard
⌊	**Pb**	**208**	**0.210**	ug/L	0.001	0	883	24650	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:19:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	60730	1	Standard
	Cl	37		ug/L			7699541	7488959	1	Standard
>	Sc	45		ug/L			1745118	1997612	0	Standard
	Cr	52	0.646	ug/L	0.008	1	28146	54031	0	Standard
	Cr	53	1.058	ug/L	0.024	2	339	4728	1	Standard
>	Ge	72		ug/L			89964	92078	0	KED
	Ni	60	0.731	ug/L	0.034	4	27	1298	4	KED
	Ni	62	0.687	ug/L	0.055	8	9	205	7	KED
	Cu	63	1.040	ug/L	0.029	2	126	5350	2	KED
	Cu	65	1.055	ug/L	0.028	2	57	2666	2	KED
	Zn	66	40.661	ug/L	0.474	1	271	28454	1	KED
	Zn	67	40.873	ug/L	0.633	1	50	4720	1	KED
	As	75	0.084	ug/L	0.004	4	4	32	3	KED
	Y	89		ug/L			892605	971889	1	Standard
	Kr	83		ug/L			290	348	6	Standard
>	In-1	115		ug/L			26959	27838	0	KED
	Cd	111	0.313	ug/L	0.011	3	6	134	2	KED
	Cd	114	0.327	ug/L	0.019	5	3	349	5	KED
>	In	115		ug/L			1438506	1486758	1	Standard
	Ag	107	0.002	ug/L	0.001	40	41	81	20	Standard
	Sb	121	0.251	ug/L	0.001	0	313	5663	1	Standard
	Sb	123	0.252	ug/L	0.005	1	248	4396	0	Standard
>	Tb	159		ug/L			2637041	2808893	0	Standard
	Pb	208	0.008	ug/L	0.000	3	883	1894	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-01RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:23:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	54334	1	Standard
	Cl	**37**		ug/L			7699541	7223176	0	Standard
>	**Sc**	**45**		ug/L			1745118	1951816	0	Standard
	Cr	**52**	**0.644**	ug/L	0.002	0	28146	52733	0	Standard
	Cr	**53**	**1.045**	ug/L	0.008	0	339	4571	0	Standard
>	**Ge**	**72**		ug/L			89964	88065	0	KED
	Ni	**60**	**0.690**	ug/L	0.032	4	27	1173	4	KED
	Ni	**62**	**0.757**	ug/L	0.035	4	9	215	4	KED
	Cu	**63**	**1.082**	ug/L	0.029	2	126	5316	2	KED
	Cu	**65**	**1.086**	ug/L	0.004	0	57	2623	0	KED
	Zn	**66**	**41.791**	ug/L	0.317	0	271	27963	0	KED
	Zn	**67**	**41.826**	ug/L	0.560	1	50	4618	1	KED
	As	**75**	**0.096**	ug/L	0.011	11	4	35	10	KED
	Y	**89**		ug/L			892605	935216	0	Standard
	Kr	**83**		ug/L			290	330	6	Standard
>	**In-1**	**115**		ug/L			26959	27237	1	KED
	Cd	**111**	**0.317**	ug/L	0.018	5	6	133	6	KED
	Cd	**114**	**0.305**	ug/L	0.047	15	3	318	14	KED
>	**In**	**115**		ug/L			1438506	1417871	1	Standard
	Ag	**107**	**0.003**	ug/L	0.000	11	41	88	4	Standard
	Sb	**121**	**0.240**	ug/L	0.010	4	313	5179	2	Standard
	Sb	**123**	**0.250**	ug/L	0.007	2	248	4164	2	Standard
>	**Tb**	**159**		ug/L			2637041	2739170	1	Standard
	Pb	**208**	**0.011**	ug/L	0.000	4	883	2268	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0055-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:27:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	56482	0	Standard
	Cl	**37**		ug/L			7699541	7508268	0	Standard
>	**Sc**	**45**		ug/L			1745118	1994978	0	Standard
	Cr	**52**	**0.637**	ug/L	0.015	2	28146	53639	1	Standard
	Cr	**53**	**1.048**	ug/L	0.002	0	339	4683	0	Standard
>	**Ge**	**72**		ug/L			89964	89872	1	KED
	Ni	**60**	**0.684**	ug/L	0.060	8	27	1187	7	KED
	Ni	**62**	**0.691**	ug/L	0.057	8	9	201	7	KED
	Cu	**63**	**1.149**	ug/L	0.009	0	126	5756	1	KED
	Cu	**65**	**1.145**	ug/L	0.027	2	57	2818	1	KED
	Zn	**66**	**40.582**	ug/L	0.511	1	271	27715	0	KED
	Zn	**67**	**40.897**	ug/L	0.749	1	50	4608	0	KED
	As	**75**	**0.088**	ug/L	0.013	14	4	33	13	KED
	Y	**89**		ug/L			892605	955159	0	Standard
	Kr	**83**		ug/L			290	337	10	Standard
>	**In-1**	**115**		ug/L			26959	28081	0	KED
	Cd	**111**	**0.284**	ug/L	0.025	8	6	124	7	KED
	Cd	**114**	**0.313**	ug/L	0.030	9	3	338	8	KED
>	**In**	**115**		ug/L			1438506	1472989	1	Standard
	Ag	**107**	**0.002**	ug/L	0.001	54	41	72	23	Standard
	Sb	**121**	**0.239**	ug/L	0.006	2	313	5363	2	Standard
	Sb	**123**	**0.248**	ug/L	0.009	3	248	4293	2	Standard
>	**Tb**	**159**		ug/L			2637041	2804206	1	Standard
	Pb	**208**	**0.024**	ug/L	0.001	2	883	3891	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0055-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:33:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	54589	1	Standard
	Cl	**37**		ug/L			7699541	7466486	2	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1984966	1	Standard
|	**Cr**	**52**	**24.318**	ug/L	0.051	0	28146	847915	1	Standard
⌊	**Cr**	**53**	**23.835**	ug/L	0.419	1	339	97581	1	Standard
⌈>	**Ge**	**72**		ug/L			89964	88038	0	KED
|	**Ni**	**60**	**23.885**	ug/L	0.306	1	27	39709	0	KED
|	**Ni**	**62**	**23.815**	ug/L	0.164	0	9	6507	0	KED
|	**Cu**	**63**	**24.157**	ug/L	0.310	1	126	116055	0	KED
|	**Cu**	**65**	**24.281**	ug/L	0.496	2	57	57449	1	KED
|	**Zn**	**66**	**101.962**	ug/L	1.428	1	271	67824	2	KED
|	**Zn**	**67**	**99.071**	ug/L	0.539	0	50	10868	0	KED
⌊	**As**	**75**	**23.101**	ug/L	0.048	0	4	7390	0	KED
	Y	**89**		ug/L			892605	920716	2	Standard
	Kr	**83**		ug/L			290	363	10	Standard
⌈>	**In-1**	**115**		ug/L			26959	27503	0	KED
|	**Cd**	**111**	**22.202**	ug/L	0.529	2	6	8962	1	KED
⌊	**Cd**	**114**	**22.552**	ug/L	0.384	1	3	23587	0	KED
⌈>	**In**	**115**		ug/L			1438506	1450840	1	Standard
|	**Ag**	**107**	**24.047**	ug/L	0.289	1	41	445362	1	Standard
|	**Sb**	**121**	**0.244**	ug/L	0.001	0	313	5385	1	Standard
⌊	**Sb**	**123**	**0.235**	ug/L	0.004	1	248	4009	1	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2767758	0	Standard
⌊	**Pb**	**208**	**23.561**	ug/L	0.390	1	883	2838671	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:40:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	28884	1	Standard
	Cl	**37**		ug/L			7699541	8089892	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1671299	0	Standard
|	**Cr**	**52**	**-0.061**	ug/L	0.003	5	28146	25235	0	Standard
⌊	**Cr**	**53**	**0.087**	ug/L	0.004	4	339	624	2	Standard
⌈>	**Ge**	**72**		ug/L			89964	87923	3	KED
|	**Ni**	**60**	**0.000**	ug/L	0.003	4923	27	27	14	KED
|	**Ni**	**62**	**-0.009**	ug/L	0.010	121	9	6	41	KED
|	**Cu**	**63**	**0.003**	ug/L	0.001	29	126	139	2	KED
|	**Cu**	**65**	**0.005**	ug/L	0.009	167	57	67	28	KED
|	**Zn**	**66**	**0.034**	ug/L	0.040	116	271	287	5	KED
|	**Zn**	**67**	**0.046**	ug/L	0.178	388	50	53	36	KED
⌊	**As**	**75**	**0.002**	ug/L	0.004	229	4	5	24	KED
	Y	**89**		ug/L			892605	882845	1	Standard
	Kr	**83**		ug/L			290	343	9	Standard
⌈>	**In-1**	**115**		ug/L			26959	27206	0	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.006	110	6	4	52	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.005	1025	3	4	115	KED
⌈>	**In**	**115**		ug/L			1438506	1382687	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	13	41	66	5	Standard
|	**Sb**	**121**	**-0.012**	ug/L	0.001	6	313	67	22	Standard
⌊	**Sb**	**123**	**-0.012**	ug/L	0.001	6	248	50	25	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2579203	1	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.001	131	883	918	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:45:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	28469	0	Standard
	Cl	**37**		ug/L			7699541	8198155	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1694767	0	Standard
|	**Cr**	**52**	**51.787**	ug/L	0.173	0	28146	1510796	0	Standard
⌊	**Cr**	**53**	**50.017**	ug/L	0.386	0	339	174482	1	Standard
⌈>	**Ge**	**72**		ug/L			89964	89148	0	KED
|	**Ni**	**60**	**46.064**	ug/L	0.109	0	27	77527	0	KED
|	**Ni**	**62**	**45.941**	ug/L	0.144	0	9	12703	0	KED
|	**Cu**	**63**	**46.634**	ug/L	0.334	0	126	226764	0	KED
|	**Cu**	**65**	**46.391**	ug/L	0.588	1	57	111105	1	KED
|	**Zn**	**66**	**45.480**	ug/L	0.324	0	271	30782	0	KED
|	**Zn**	**67**	**46.378**	ug/L	0.800	1	50	5178	1	KED
⌊	**As**	**75**	**49.143**	ug/L	0.698	1	4	15914	1	KED
	Y	**89**		ug/L			892605	892298	1	Standard
	Kr	**83**		ug/L			290	339	2	Standard
⌈>	**In-1**	**115**		ug/L			26959	27105	0	KED
|	**Cd**	**111**	**46.877**	ug/L	0.275	0	6	18644	0	KED
⌊	**Cd**	**114**	**47.839**	ug/L	1.291	2	3	49305	1	KED
⌈>	**In**	**115**		ug/L			1438506	1363994	2	Standard
|	**Ag**	**107**	**51.023**	ug/L	0.979	1	41	888139	1	Standard
|	**Sb**	**121**	**45.246**	ug/L	1.185	2	313	883619	0	Standard
⌊	**Sb**	**123**	**45.851**	ug/L	1.091	2	248	690494	0	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2685735	1	Standard
⌊	**Pb**	**208**	**50.137**	ug/L	0.480	0	883	5860449	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:51:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	30144	1	Standard
	Cl	**37**		ug/L			7699541	8126428	0	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1704159	1	Standard
|	**Cr**	**52**	**-0.044**	ug/L	0.011	25	28146	26228	0	Standard
⌊	**Cr**	**53**	**0.092**	ug/L	0.005	5	339	652	1	Standard
⌈>	**Ge**	**72**		ug/L			89964	87836	2	KED
|	**Ni**	**60**	**0.012**	ug/L	0.009	75	27	46	29	KED
|	**Ni**	**62**	**-0.008**	ug/L	0.014	169	9	6	56	KED
|	**Cu**	**63**	**0.006**	ug/L	0.010	181	126	149	30	KED
|	**Cu**	**65**	**0.013**	ug/L	0.012	95	57	85	31	KED
|	**Zn**	**66**	**-0.045**	ug/L	0.031	69	271	235	8	KED
|	**Zn**	**67**	**-0.083**	ug/L	0.023	27	50	40	8	KED
⌊	**As**	**75**	**0.004**	ug/L	0.005	108	4	6	22	KED
	Y	**89**		ug/L			892605	894940	1	Standard
	Kr	**83**		ug/L			290	347	7	Standard
⌈>	**In-1**	**115**		ug/L			26959	27034	2	KED
|	**Cd**	**111**	**-0.009**	ug/L	0.005	58	6	3	56	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	200	3	4	24	KED
⌈>	**In**	**115**		ug/L			1438506	1378240	5	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	27	41	86	13	Standard
|	**Sb**	**121**	**0.033**	ug/L	0.003	8	313	950	5	Standard
⌊	**Sb**	**123**	**0.031**	ug/L	0.004	11	248	705	3	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2589979	0	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	52	883	787	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-10RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:55:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	46833	1	Standard
	Cl	37		ug/L			7699541	7161044	0	Standard
⌈>	Sc	45		ug/L			1745118	1985726	0	Standard
|	Cr	52	0.200	ug/L	0.018	9	28146	38753	1	Standard
⌊	Cr	53	0.553	ug/L	0.008	1	339	2641	1	Standard
⌈>	Ge	72		ug/L			89964	77822	1	KED
|	Ni	60	0.517	ug/L	0.031	6	27	783	6	KED
|	Ni	62	0.466	ug/L	0.045	9	9	120	8	KED
|	Cu	63	1.833	ug/L	0.030	1	126	7887	2	KED
|	Cu	65	1.952	ug/L	0.028	1	57	4127	2	KED
|	Zn	66	4.865	ug/L	0.152	3	271	3083	1	KED
|	Zn	67	24.838	ug/L	0.693	2	50	2440	1	KED
⌊	As	75	0.551	ug/L	0.025	4	4	159	3	KED
	Y	89		ug/L			892605	856571	0	Standard
	Kr	83		ug/L			290	337	3	Standard
⌈>	In-1	115		ug/L			26959	25063	1	KED
|	Cd	111	0.065	ug/L	0.015	22	6	30	18	KED
⌊	Cd	114	0.044	ug/L	0.001	2	3	45	3	KED
⌈>	In	115		ug/L			1438506	1156239	1	Standard
|	Ag	107	0.005	ug/L	0.001	13	41	104	10	Standard
|	Sb	121	0.221	ug/L	0.010	4	313	3915	3	Standard
⌊	Sb	123	0.219	ug/L	0.008	3	248	2998	2	Standard
⌈>	Tb	159		ug/L			2637041	2604820	0	Standard
⌊	Pb	208	0.096	ug/L	0.001	1	883	11739	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-13RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 06:59:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	50887	1	Standard
	Cl	**37**		ug/L			7699541	7145517	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1990227	0	Standard
|	**Cr**	**52**	**1.949**	ug/L	0.038	1	28146	97642	0	Standard
⌊	**Cr**	**53**	**2.216**	ug/L	0.024	1	339	9449	1	Standard
⌈>	**Ge**	**72**		ug/L			89964	79568	0	KED
|	**Ni**	**60**	**0.642**	ug/L	0.044	6	27	988	6	KED
|	**Ni**	**62**	**0.635**	ug/L	0.028	4	9	165	4	KED
|	**Cu**	**63**	**0.589**	ug/L	0.019	3	126	2665	3	KED
|	**Cu**	**65**	**0.611**	ug/L	0.022	3	57	1354	3	KED
|	**Zn**	**66**	**0.770**	ug/L	0.057	7	271	701	4	KED
|	**Zn**	**67**	**10.376**	ug/L	0.263	2	50	1068	2	KED
⌊	**As**	**75**	**0.274**	ug/L	0.013	4	4	83	4	KED
	Y	**89**		ug/L			892605	870036	1	Standard
	Kr	**83**		ug/L			290	331	9	Standard
⌈>	**In-1**	**115**		ug/L			26959	25431	0	KED
|	**Cd**	**111**	**0.047**	ug/L	0.008	16	6	24	11	KED
⌊	**Cd**	**114**	**0.058**	ug/L	0.010	16	3	59	15	KED
⌈>	**In**	**115**		ug/L			1438506	1182745	0	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	22	41	84	13	Standard
|	**Sb**	**121**	**0.163**	ug/L	0.012	7	313	3012	7	Standard
⌊	**Sb**	**123**	**0.159**	ug/L	0.003	2	248	2280	1	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2626657	0	Standard
⌊	**Pb**	**208**	**0.026**	ug/L	0.000	1	883	3801	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-16RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:03:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	47746	0	Standard
	Cl	**37**		ug/L			7699541	6606519	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1985685	0	Standard
|	**Cr**	**52**	**-0.142**	ug/L	0.005	3	28146	27266	0	Standard
⌊	**Cr**	**53**	**0.402**	ug/L	0.011	2	339	2027	1	Standard
⌈>	**Ge**	**72**		ug/L			89964	75871	1	KED
|	**Ni**	**60**	**0.708**	ug/L	0.032	4	27	1037	4	KED
|	**Ni**	**62**	**0.690**	ug/L	0.097	14	9	170	12	KED
|	**Cu**	**63**	**0.302**	ug/L	0.008	2	126	1355	3	KED
|	**Cu**	**65**	**0.351**	ug/L	0.009	2	57	763	1	KED
|	**Zn**	**66**	**1.524**	ug/L	0.045	2	271	1099	3	KED
|	**Zn**	**67**	**6.413**	ug/L	0.250	3	50	645	2	KED
⌊	**As**	**75**	**0.474**	ug/L	0.017	3	4	134	4	KED
	Y	**89**		ug/L			892605	883959	1	Standard
	Kr	**83**		ug/L			290	361	6	Standard
⌈>	**In-1**	**115**		ug/L			26959	24840	1	KED
|	**Cd**	**111**	**0.184**	ug/L	0.017	9	6	73	6	KED
⌊	**Cd**	**114**	**0.158**	ug/L	0.019	12	3	152	13	KED
⌈>	**In**	**115**		ug/L			1438506	1188827	1	Standard
|	**Ag**	**107**	**0.275**	ug/L	0.012	4	41	4207	4	Standard
|	**Sb**	**121**	**0.008**	ug/L	0.002	25	313	389	7	Standard
⌊	**Sb**	**123**	**0.007**	ug/L	0.003	41	248	294	12	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2709951	0	Standard
⌊	**Pb**	**208**	**0.033**	ug/L	0.001	3	883	4771	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-19RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:07:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	56146	1	Standard
	Cl	37		ug/L			7699541	8066786	1	Standard
>	Sc	45		ug/L			1745118	1767216	0	Standard
	Cr	52	0.166	ug/L	0.015	8	28146	33456	1	Standard
	Cr	53	0.237	ug/L	0.011	4	339	1205	3	Standard
>	Ge	72		ug/L			89964	93370	0	KED
	Ni	60	0.057	ug/L	0.005	8	27	129	6	KED
	Ni	62	0.051	ug/L	0.020	38	9	24	23	KED
	Cu	63	0.068	ug/L	0.008	11	126	477	8	KED
	Cu	65	0.071	ug/L	0.014	20	57	236	14	KED
	Zn	66	0.486	ug/L	0.089	18	271	623	9	KED
	Zn	67	0.357	ug/L	0.077	21	50	93	8	KED
	As	75	0.002	ug/L	0.003	162	4	5	17	KED
	Y	89		ug/L			892605	949956	2	Standard
	Kr	83		ug/L			290	361	9	Standard
>	In-1	115		ug/L			26959	28431	0	KED
	Cd	111	-0.005	ug/L	0.003	47	6	5	21	KED
	Cd	114	0.001	ug/L	0.002	259	3	4	49	KED
>	In	115		ug/L			1438506	1365770	2	Standard
	Ag	107	0.002	ug/L	0.000	24	41	65	11	Standard
	Sb	121	0.001	ug/L	0.001	91	313	311	3	Standard
	Sb	123	0.000	ug/L	0.001	282	248	242	7	Standard
>	Tb	159		ug/L			2637041	2689245	1	Standard
	Pb	208	0.012	ug/L	0.000	2	883	2349	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-22RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:12:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	50052	1	Standard
	Cl	**37**		ug/L			7699541	7315465	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1958780	1	Standard
|	**Cr**	**52**	**0.250**	ug/L	0.017	6	28146	39853	0	Standard
⌊	**Cr**	**53**	**0.593**	ug/L	0.026	4	339	2769	3	Standard
⌈>	**Ge**	**72**		ug/L			89964	90665	0	KED
|	**Ni**	**60**	**0.446**	ug/L	0.008	1	27	790	1	KED
|	**Ni**	**62**	**0.524**	ug/L	0.012	2	9	156	1	KED
|	**Cu**	**63**	**1.818**	ug/L	0.042	2	126	9114	2	KED
|	**Cu**	**65**	**1.790**	ug/L	0.058	3	57	4415	3	KED
|	**Zn**	**66**	**4.083**	ug/L	0.219	5	271	3059	4	KED
|	**Zn**	**67**	**5.529**	ug/L	0.121	2	50	672	1	KED
⌊	**As**	**75**	**0.176**	ug/L	0.004	2	4	62	2	KED
	Y	**89**		ug/L			892605	973684	0	Standard
	Kr	**83**		ug/L			290	348	8	Standard
⌈>	**In-1**	**115**		ug/L			26959	28204	1	KED
|	**Cd**	**111**	**0.090**	ug/L	0.018	19	6	44	15	KED
⌊	**Cd**	**114**	**0.124**	ug/L	0.019	15	3	136	14	KED
⌈>	**In**	**115**		ug/L			1438506	1450778	2	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.001	13	41	119	9	Standard
|	**Sb**	**121**	**0.248**	ug/L	0.013	5	313	5467	4	Standard
⌊	**Sb**	**123**	**0.245**	ug/L	0.013	5	248	4169	4	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2770045	0	Standard
⌊	**Pb**	**208**	**0.031**	ug/L	0.000	1	883	4723	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-29RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:16:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	51040	0	Standard
	Cl	37		ug/L			7699541	7421818	1	Standard
>	Sc	45		ug/L			1745118	1963696	8	Standard
	Cr	52	0.806	ug/L	0.108	13	28146	58218	2	Standard
	Cr	53	1.261	ug/L	0.100	7	339	5447	1	Standard
>	Ge	72		ug/L			89964	86141	1	KED
	Ni	60	0.229	ug/L	0.029	12	27	399	12	KED
	Ni	62	0.172	ug/L	0.085	49	9	55	41	KED
	Cu	63	0.777	ug/L	0.005	0	126	3770	1	KED
	Cu	65	0.801	ug/L	0.028	3	57	1907	3	KED
	Zn	66	0.244	ug/L	0.016	6	271	418	1	KED
	Zn	67	4.446	ug/L	0.258	5	50	523	5	KED
	As	75	0.535	ug/L	0.017	3	4	172	4	KED
	Y	89		ug/L			892605	878828	10	Standard
	Kr	83		ug/L			290	357	4	Standard
>	In-1	115		ug/L			26959	27386	0	KED
	Cd	111	0.046	ug/L	0.016	34	6	25	24	KED
	Cd	114	0.062	ug/L	0.016	26	3	68	25	KED
>	In	115		ug/L			1438506	1261940	11	Standard
	Ag	107	0.002	ug/L	0.001	62	41	69	19	Standard
	Sb	121	0.138	ug/L	0.020	14	313	2741	2	Standard
	Sb	123	0.142	ug/L	0.024	16	248	2177	2	Standard
>	Tb	159		ug/L			2637041	2595691	11	Standard
	Pb	208	0.010	ug/L	0.002	18	883	1957	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-30RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:20:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	52235	0	Standard
	Cl	37		ug/L			7699541	7411748	0	Standard
⌈>	Sc	45		ug/L			1745118	1979094	0	Standard
|	Cr	52	0.074	ug/L	0.013	17	28146	34395	1	Standard
⌊	Cr	53	0.410	ug/L	0.004	1	339	2050	0	Standard
⌈>	Ge	72		ug/L			89964	87645	1	KED
|	Ni	60	0.314	ug/L	0.008	2	27	546	4	KED
|	Ni	62	0.260	ug/L	0.038	14	9	80	14	KED
|	Cu	63	1.775	ug/L	0.011	0	126	8602	1	KED
|	Cu	65	1.789	ug/L	0.036	2	57	4264	0	KED
|	Zn	66	0.960	ug/L	0.056	5	271	897	2	KED
|	Zn	67	4.580	ug/L	0.482	10	50	547	10	KED
⌊	As	75	1.115	ug/L	0.053	4	4	359	3	KED
	Y	89		ug/L			892605	937096	2	Standard
	Kr	83		ug/L			290	338	5	Standard
⌈>	In-1	115		ug/L			26959	27097	0	KED
|	Cd	111	0.073	ug/L	0.011	14	6	36	12	KED
⌊	Cd	114	0.094	ug/L	0.014	15	3	100	14	KED
⌈>	In	115		ug/L			1438506	1341476	0	Standard
|	Ag	107	0.007	ug/L	0.000	6	41	160	5	Standard
|	Sb	121	0.148	ug/L	0.006	3	313	3143	4	Standard
⌊	Sb	123	0.152	ug/L	0.004	2	248	2487	2	Standard
⌈>	Tb	159		ug/L			2637041	2708288	2	Standard
⌊	Pb	208	0.016	ug/L	0.000	1	883	2847	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-31RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:24:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29199	49120	0	Standard
	Cl	37		ug/L			7699541	7427854	0	Standard
⌈>	Sc	45		ug/L			1745118	1988185	0	Standard
|	Cr	52	0.100	ug/L	0.011	10	28146	35419	1	Standard
⌊	Cr	53	0.453	ug/L	0.002	0	339	2236	0	Standard
⌈>	Ge	72		ug/L			89964	85755	0	KED
|	Ni	60	0.212	ug/L	0.009	4	27	369	4	KED
|	Ni	62	0.209	ug/L	0.021	9	9	64	8	KED
|	Cu	63	0.829	ug/L	0.023	2	126	3997	2	KED
|	Cu	65	0.853	ug/L	0.019	2	57	2019	1	KED
|	Zn	66	0.935	ug/L	0.054	5	271	862	4	KED
|	Zn	67	4.146	ug/L	0.356	8	50	488	7	KED
⌊	As	75	1.076	ug/L	0.060	5	4	339	5	KED
	Y	89		ug/L			892605	914335	2	Standard
	Kr	83		ug/L			290	332	8	Standard
⌈>	In-1	115		ug/L			26959	27005	1	KED
|	Cd	111	0.146	ug/L	0.018	12	6	64	11	KED
⌊	Cd	114	0.136	ug/L	0.013	9	3	143	10	KED
⌈>	In	115		ug/L			1438506	1310195	0	Standard
|	Ag	107	0.009	ug/L	0.001	10	41	189	9	Standard
|	Sb	121	0.151	ug/L	0.001	0	313	3112	0	Standard
⌊	Sb	123	0.158	ug/L	0.001	0	248	2519	0	Standard
⌈>	Tb	159		ug/L			2637041	2675882	1	Standard
⌊	Pb	208	0.022	ug/L	0.000	0	883	3440	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-32RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:29:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	51706	2	Standard
	Cl	**37**		ug/L			7699541	8269066	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	2011856	1	Standard
⎢	**Cr**	**52**	**1.033**	ug/L	0.030	2	28146	67577	2	Standard
⌊	**Cr**	**53**	**2.738**	ug/L	0.012	0	339	11710	2	Standard
⌈>	**Ge**	**72**		ug/L			89964	80448	1	KED
⎢	**Ni**	**60**	**0.183**	ug/L	0.020	10	27	303	10	KED
⎢	**Ni**	**62**	**0.157**	ug/L	0.025	15	9	47	12	KED
⎢	**Cu**	**63**	**0.550**	ug/L	0.024	4	126	2523	2	KED
⎢	**Cu**	**65**	**0.538**	ug/L	0.015	2	57	1213	3	KED
⎢	**Zn**	**66**	**1.161**	ug/L	0.008	0	271	946	1	KED
⎢	**Zn**	**67**	**4.394**	ug/L	0.366	8	50	483	6	KED
⌊	**As**	**75**	**1.797**	ug/L	0.073	4	4	529	4	KED
	Y	**89**		ug/L			892605	901840	2	Standard
	Kr	**83**		ug/L			290	358	13	Standard
⌈>	**In-1**	**115**		ug/L			26959	26150	1	KED
⎢	**Cd**	**111**	**0.156**	ug/L	0.007	4	6	66	3	KED
⌊	**Cd**	**114**	**0.160**	ug/L	0.014	8	3	162	8	KED
⌈>	**In**	**115**		ug/L			1438506	1302286	2	Standard
⎢	**Ag**	**107**	**0.010**	ug/L	0.001	12	41	195	9	Standard
⎢	**Sb**	**121**	**0.088**	ug/L	0.004	4	313	1918	1	Standard
⌊	**Sb**	**123**	**0.088**	ug/L	0.007	7	248	1490	4	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2691231	2	Standard
⌊	**Pb**	**208**	**0.068**	ug/L	0.001	1	883	8916	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:37:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	27639	1	Standard
	Cl	**37**		ug/L			7699541	8411453	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1717819	1	Standard
|	**Cr**	**52**	**-0.066**	ug/L	0.020	29	28146	25782	1	Standard
⌊	**Cr**	**53**	**0.094**	ug/L	0.010	10	339	665	4	Standard
⌈>	**Ge**	**72**		ug/L			89964	90902	0	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.004	2469	27	27	23	KED
|	**Ni**	**62**	**-0.007**	ug/L	0.013	189	9	7	50	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.002	529	126	125	8	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.005	328	57	53	23	KED
|	**Zn**	**66**	**0.007**	ug/L	0.022	312	271	279	5	KED
|	**Zn**	**67**	**-0.078**	ug/L	0.046	58	50	41	12	KED
⌊	**As**	**75**	**-0.001**	ug/L	0.003	465	4	4	21	KED
	Y	**89**		ug/L			892605	930301	1	Standard
	Kr	**83**		ug/L			290	321	12	Standard
⌈>	**In-1**	**115**		ug/L			26959	28768	1	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.000	5	6	5	0	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	219	3	4	42	KED
⌈>	**In**	**115**		ug/L			1438506	1332187	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	36	41	53	12	Standard
|	**Sb**	**121**	**-0.012**	ug/L	0.000	2	313	69	7	Standard
⌊	**Sb**	**123**	**-0.013**	ug/L	0.000	1	248	45	7	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2615319	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	78	883	956	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:41:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	28145	0	Standard
	Cl	**37**		ug/L			7699541	8513113	0	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1687720	1	Standard
|	**Cr**	**52**	**52.427**	ug/L	0.343	0	28146	1522718	0	Standard
⌊	**Cr**	**53**	**50.714**	ug/L	0.320	0	339	176162	0	Standard
⌈>	**Ge**	**72**		ug/L			89964	92476	0	KED
|	**Ni**	**60**	**44.219**	ug/L	0.439	0	27	77199	1	KED
|	**Ni**	**62**	**44.249**	ug/L	0.699	1	9	12693	2	KED
|	**Cu**	**63**	**44.704**	ug/L	0.545	1	126	225482	0	KED
|	**Cu**	**65**	**45.084**	ug/L	0.393	0	57	112004	0	KED
|	**Zn**	**66**	**43.598**	ug/L	0.626	1	271	30618	0	KED
|	**Zn**	**67**	**45.500**	ug/L	0.953	2	50	5270	1	KED
⌊	**As**	**75**	**48.732**	ug/L	0.294	0	4	16369	0	KED
	Y	**89**		ug/L			892605	929360	1	Standard
	Kr	**83**		ug/L			290	354	15	Standard
⌈>	**In-1**	**115**		ug/L			26959	29009	0	KED
|	**Cd**	**111**	**45.792**	ug/L	1.028	2	6	19492	1	KED
⌊	**Cd**	**114**	**46.048**	ug/L	0.601	1	3	50800	0	KED
⌈>	**In**	**115**		ug/L			1438506	1308116	2	Standard
|	**Ag**	**107**	**56.291**	ug/L	1.031	1	41	939748	0	Standard
|	**Sb**	**121**	**43.711**	ug/L	1.790	4	313	818586	2	Standard
⌊	**Sb**	**123**	**44.043**	ug/L	1.564	3	248	636066	1	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2697651	0	Standard
⌊	**Pb**	**208**	**50.030**	ug/L	0.105	0	883	5874322	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:48:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29199	29754	1	Standard
	Cl	**37**		ug/L			7699541	8136616	1	Standard
⌈>	**Sc**	**45**		ug/L			1745118	1679030	2	Standard
|	**Cr**	**52**	**-0.018**	ug/L	0.041	233	28146	26555	1	Standard
⌊	**Cr**	**53**	**0.116**	ug/L	0.007	5	339	727	3	Standard
⌈>	**Ge**	**72**		ug/L			89964	90588	0	KED
|	**Ni**	**60**	**0.000**	ug/L	0.003	1147	27	28	17	KED
|	**Ni**	**62**	**-0.007**	ug/L	0.012	168	9	7	43	KED
|	**Cu**	**63**	**-0.002**	ug/L	0.002	112	126	118	7	KED
|	**Cu**	**65**	**0.001**	ug/L	0.003	442	57	59	11	KED
|	**Zn**	**66**	**-0.071**	ug/L	0.062	87	271	225	18	KED
|	**Zn**	**67**	**-0.156**	ug/L	0.055	35	50	33	18	KED
⌊	**As**	**75**	**-0.000**	ug/L	0.008	6630	4	4	52	KED
	Y	**89**		ug/L			892605	916427	0	Standard
	Kr	**83**		ug/L			290	349	9	Standard
⌈>	**In-1**	**115**		ug/L			26959	28527	0	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.005	96	6	5	43	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.005	91	3	9	53	KED
⌈>	**In**	**115**		ug/L			1438506	1348777	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	13	41	80	7	Standard
|	**Sb**	**121**	**0.034**	ug/L	0.004	10	313	949	6	Standard
⌊	**Sb**	**123**	**0.031**	ug/L	0.001	3	248	691	1	Standard
⌈>	**Tb**	**159**		ug/L			2637041	2649642	2	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	75	883	846	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:52:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				26613	0	Standard
	Cl	**37**		ug/L				8080718	2	Standard
>	**Sc**	**45**		ug/L				1658581	1	Standard
	Cr	**52**		ug/L				26561	0	Standard
	Cr	**53**		ug/L				708	2	Standard
>	**Ge**	**72**		ug/L				92056	1	KED
	Ni	**60**		ug/L				33	12	KED
	Ni	**62**		ug/L				6	78	KED
	Cu	**63**		ug/L				133	19	KED
	Cu	**65**		ug/L				63	27	KED
	Zn	**66**		ug/L				270	4	KED
	Zn	**67**		ug/L				38	13	KED
	As	**75**		ug/L				5	18	KED
	Y	**89**		ug/L				916560	0	Standard
	Kr	**83**		ug/L				364	5	Standard
>	**In-1**	**115**		ug/L				29003	2	KED
	Cd	**111**		ug/L				5	16	KED
	Cd	**114**		ug/L				7	36	KED
>	**In**	**115**		ug/L				1326760	1	Standard
	Ag	**107**		ug/L				55	25	Standard
	Sb	**121**		ug/L				285	8	Standard
	Sb	**123**		ug/L				251	2	Standard
>	**Tb**	**159**		ug/L				2604412	1	Standard
	Pb	**208**		ug/L				902	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVH
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 07:56:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	27445	2	Standard
	Cl	**37**		ug/L			8080718	8423526	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1668092	0	Standard
|	**Cr**	**52**	**53.237**	ug/L	1.107	2	26561	1527546	1	Standard
⌊	**Cr**	**53**	**50.620**	ug/L	0.794	1	708	174179	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	90784	0	KED
|	**Ni**	**60**	**44.325**	ug/L	0.945	2	33	75971	1	KED
|	**Ni**	**62**	**44.290**	ug/L	0.621	1	6	12469	1	KED
|	**Cu**	**63**	**45.300**	ug/L	0.196	0	133	224331	0	KED
|	**Cu**	**65**	**45.576**	ug/L	0.081	0	63	111164	0	KED
|	**Zn**	**66**	**43.821**	ug/L	0.341	0	270	30205	0	KED
|	**Zn**	**67**	**45.580**	ug/L	1.232	2	38	5170	2	KED
⌊	**As**	**75**	**49.080**	ug/L	0.305	0	5	16185	0	KED
	Y	**89**		ug/L			916560	928806	0	Standard
	Kr	**83**		ug/L			364	351	9	Standard
⌈>	**In-1**	**115**		ug/L			29003	27768	0	KED
|	**Cd**	**111**	**47.007**	ug/L	0.054	0	5	19152	0	KED
⌊	**Cd**	**114**	**47.580**	ug/L	0.436	0	7	50250	0	KED
⌈>	**In**	**115**		ug/L			1326760	1311231	1	Standard
|	**Ag**	**107**	**57.221**	ug/L	0.789	1	55	957686	0	Standard
|	**Sb**	**121**	**43.507**	ug/L	1.413	3	285	817032	2	Standard
⌊	**Sb**	**123**	**44.104**	ug/L	0.907	2	251	638774	2	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2697404	1	Standard
⌊	**Pb**	**208**	**49.999**	ug/L	0.620	1	902	5869453	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBH
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:03:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	29818	0	Standard
	Cl	**37**		ug/L			8080718	8114460	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1660549	0	Standard
|	**Cr**	**52**	**0.011**	ug/L	0.012	107	26561	26912	0	Standard
⌊	**Cr**	**53**	**-0.004**	ug/L	0.011	258	708	695	4	Standard
⌈>	**Ge**	**72**		ug/L			92056	90333	2	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.001	350	33	31	6	KED
|	**Ni**	**62**	**-0.004**	ug/L	0.018	430	6	5	88	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.004	365	133	126	18	KED
|	**Cu**	**65**	**0.003**	ug/L	0.005	176	63	68	13	KED
|	**Zn**	**66**	**-0.048**	ug/L	0.013	26	270	233	5	KED
|	**Zn**	**67**	**-0.021**	ug/L	0.121	570	38	34	38	KED
⌊	**As**	**75**	**-0.002**	ug/L	0.007	393	5	4	52	KED
	Y	**89**		ug/L			916560	929377	1	Standard
	Kr	**83**		ug/L			364	346	5	Standard
⌈>	**In-1**	**115**		ug/L			29003	28664	1	KED
|	**Cd**	**111**	**0.005**	ug/L	0.004	92	5	7	25	KED
⌊	**Cd**	**114**	**-0.006**	ug/L	0.001	16	7	0	109	KED
⌈>	**In**	**115**		ug/L			1326760	1318981	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	46	55	92	18	Standard
|	**Sb**	**121**	**0.038**	ug/L	0.002	5	285	1010	4	Standard
⌊	**Sb**	**123**	**0.033**	ug/L	0.001	3	251	724	2	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2602642	1	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.001	103	902	836	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0149-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:07:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	43505	0	Standard
	Cl	37		ug/L			8080718	7977753	0	Standard
>	Sc	45		ug/L			1658581	1687842	1	Standard
	Cr	52	0.080	ug/L	0.019	23	26561	29317	0	Standard
	Cr	53	0.047	ug/L	0.011	23	708	882	3	Standard
>	Ge	72		ug/L			92056	90932	0	KED
	Ni	60	-0.002	ug/L	0.002	147	33	29	13	KED
	Ni	62	0.007	ug/L	0.019	275	6	8	61	KED
	Cu	63	0.017	ug/L	0.002	10	133	216	3	KED
	Cu	65	0.019	ug/L	0.008	39	63	109	16	KED
	Zn	66	-0.116	ug/L	0.011	9	270	187	3	KED
	Zn	67	-0.091	ug/L	0.128	140	38	27	52	KED
	As	75	0.002	ug/L	0.005	234	5	5	28	KED
	Y	89		ug/L			916560	940467	0	Standard
	Kr	83		ug/L			364	340	8	Standard
>	In-1	115		ug/L			29003	28226	1	KED
	Cd	111	0.002	ug/L	0.007	365	5	6	45	KED
	Cd	114	-0.002	ug/L	0.008	495	7	5	153	KED
>	In	115		ug/L			1326760	1376502	1	Standard
	Ag	107	0.001	ug/L	0.001	106	55	80	29	Standard
	Sb	121	0.004	ug/L	0.001	19	285	383	3	Standard
	Sb	123	0.004	ug/L	0.002	54	251	318	11	Standard
>	Tb	159		ug/L			2604412	2651797	1	Standard
	Pb	208	0.007	ug/L	0.001	13	902	1702	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0149-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:11:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	43496	0	Standard
	Cl	**37**		ug/L			8080718	8167550	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1702128	0	Standard
|	**Cr**	**52**	**27.715**	ug/L	0.105	0	26561	824632	0	Standard
⌊	**Cr**	**53**	**26.559**	ug/L	0.103	0	708	93602	0	Standard
⌈>	**Ge**	**72**		ug/L			92056	92611	0	KED
|	**Ni**	**60**	**23.159**	ug/L	0.519	2	33	40509	2	KED
|	**Ni**	**62**	**22.790**	ug/L	0.793	3	6	6549	3	KED
|	**Cu**	**63**	**23.379**	ug/L	0.201	0	133	118167	0	KED
|	**Cu**	**65**	**23.758**	ug/L	0.212	0	63	59143	0	KED
|	**Zn**	**66**	**71.612**	ug/L	1.318	1	270	50183	1	KED
|	**Zn**	**67**	**67.536**	ug/L	2.027	3	38	7797	3	KED
⌊	**As**	**75**	**24.394**	ug/L	0.239	0	5	8209	1	KED
	Y	**89**		ug/L			916560	951544	0	Standard
	Kr	**83**		ug/L			364	342	9	Standard
⌈>	**In-1**	**115**		ug/L			29003	29250	0	KED
|	**Cd**	**111**	**23.640**	ug/L	0.258	1	5	10149	1	KED
⌊	**Cd**	**114**	**23.832**	ug/L	0.081	0	7	26515	0	KED
⌈>	**In**	**115**		ug/L			1326760	1388626	2	Standard
|	**Ag**	**107**	**29.184**	ug/L	0.569	1	55	517230	0	Standard
|	**Sb**	**121**	**-0.003**	ug/L	0.001	38	285	246	10	Standard
⌊	**Sb**	**123**	**-0.005**	ug/L	0.002	35	251	183	15	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2677984	1	Standard
⌊	**Pb**	**208**	**25.596**	ug/L	0.169	0	902	2983882	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0149-BSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:15:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	41996	1	Standard
	Cl	**37**		ug/L			8080718	8141308	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1709865	0	Standard
|	**Cr**	**52**	**27.587**	ug/L	0.159	0	26561	824678	1	Standard
⌊	**Cr**	**53**	**26.628**	ug/L	0.362	1	708	94263	0	Standard
⌈>	**Ge**	**72**		ug/L			92056	92586	0	KED
|	**Ni**	**60**	**23.625**	ug/L	0.754	3	33	41311	3	KED
|	**Ni**	**62**	**23.169**	ug/L	0.257	1	6	6655	0	KED
|	**Cu**	**63**	**26.745**	ug/L	0.206	0	133	135129	1	KED
|	**Cu**	**65**	**26.940**	ug/L	0.391	1	63	67038	1	KED
|	**Zn**	**66**	**74.045**	ug/L	1.169	1	270	51862	1	KED
|	**Zn**	**67**	**70.587**	ug/L	0.248	0	38	8145	0	KED
⌊	**As**	**75**	**24.655**	ug/L	0.298	1	5	8294	1	KED
	Y	**89**		ug/L			916560	949202	0	Standard
	Kr	**83**		ug/L			364	396	5	Standard
⌈>	**In-1**	**115**		ug/L			29003	29251	0	KED
|	**Cd**	**111**	**23.901**	ug/L	0.067	0	5	10261	0	KED
⌊	**Cd**	**114**	**24.190**	ug/L	0.275	1	7	26914	0	KED
⌈>	**In**	**115**		ug/L			1326760	1410668	1	Standard
|	**Ag**	**107**	**28.850**	ug/L	0.763	2	55	519451	1	Standard
|	**Sb**	**121**	**-0.005**	ug/L	0.001	25	285	203	11	Standard
⌊	**Sb**	**123**	**-0.007**	ug/L	0.001	9	251	157	7	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2669401	1	Standard
⌊	**Pb**	**208**	**25.718**	ug/L	0.333	1	902	2988198	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-35RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:19:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	58562	1	Standard
	Cl	**37**		ug/L			8080718	7696325	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1938111	1	Standard
|	**Cr**	**52**	**2.428**	ug/L	0.063	2	26561	110546	0	Standard
⌊	**Cr**	**53**	**2.492**	ug/L	0.096	3	708	10745	2	Standard
⌈>	**Ge**	**72**		ug/L			92056	93658	0	KED
|	**Ni**	**60**	**1.532**	ug/L	0.015	0	33	2741	0	KED
|	**Ni**	**62**	**1.560**	ug/L	0.151	9	6	459	8	KED
|	**Cu**	**63**	**6.939**	ug/L	0.026	0	133	35566	0	KED
|	**Cu**	**65**	**6.930**	ug/L	0.070	1	63	17492	0	KED
|	**Zn**	**66**	**8.715**	ug/L	0.190	2	270	6417	2	KED
|	**Zn**	**67**	**10.960**	ug/L	0.736	6	38	1311	5	KED
⌊	**As**	**75**	**5.004**	ug/L	0.016	0	5	1707	0	KED
	Y	**89**		ug/L			916560	1005283	0	Standard
	Kr	**83**		ug/L			364	355	12	Standard
⌈>	**In-1**	**115**		ug/L			29003	29903	1	KED
|	**Cd**	**111**	**0.137**	ug/L	0.015	10	5	66	10	KED
⌊	**Cd**	**114**	**0.120**	ug/L	0.014	11	7	144	10	KED
⌈>	**In**	**115**		ug/L			1326760	1432211	2	Standard
|	**Ag**	**107**	**0.020**	ug/L	0.001	4	55	427	4	Standard
|	**Sb**	**121**	**0.219**	ug/L	0.004	2	285	4790	2	Standard
⌊	**Sb**	**123**	**0.214**	ug/L	0.008	3	251	3655	1	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2789457	1	Standard
⌊	**Pb**	**208**	**1.239**	ug/L	0.008	0	902	151315	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-37RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:23:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	55894	2	Standard
	Cl	37		ug/L			8080718	7693386	0	Standard
>	Sc	45		ug/L			1658581	1888626	0	Standard
	Cr	52	0.951	ug/L	0.023	2	26561	60589	0	Standard
	Cr	53	1.024	ug/L	0.034	3	708	4778	2	Standard
>	Ge	72		ug/L			92056	90515	0	KED
	Ni	60	0.601	ug/L	0.028	4	33	1059	4	KED
	Ni	62	0.571	ug/L	0.026	4	6	166	4	KED
	Cu	63	2.868	ug/L	0.033	1	133	14285	0	KED
	Cu	65	2.893	ug/L	0.054	1	63	7092	1	KED
	Zn	66	131.642	ug/L	2.192	1	270	89931	0	KED
	Zn	67	125.565	ug/L	1.864	1	38	14135	0	KED
	As	75	2.774	ug/L	0.068	2	5	917	2	KED
	Y	89		ug/L			916560	984291	2	Standard
	Kr	83		ug/L			364	372	5	Standard
>	In-1	115		ug/L			29003	28791	0	KED
	Cd	111	0.049	ug/L	0.005	10	5	26	9	KED
	Cd	114	0.043	ug/L	0.013	29	7	54	26	KED
>	In	115		ug/L			1326760	1434269	2	Standard
	Ag	107	0.007	ug/L	0.001	10	55	184	4	Standard
	Sb	121	0.211	ug/L	0.010	4	285	4644	1	Standard
	Sb	123	0.217	ug/L	0.010	4	251	3711	2	Standard
>	Tb	159		ug/L			2604412	2732127	0	Standard
	Pb	208	0.114	ug/L	0.001	1	902	14556	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38RE1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, July 13, 2021 08:27:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	55765	0	Standard
	Cl	**37**		ug/L			8080718	7553608	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1895766	0	Standard
|	**Cr**	**52**	**1.497**	ug/L	0.047	3	26561	78334	1	Standard
⌊	**Cr**	**53**	**1.548**	ug/L	0.015	0	708	6840	0	Standard
⌈>	**Ge**	**72**		ug/L			92056	91566	1	KED
|	**Ni**	**60**	**1.623**	ug/L	0.102	6	33	2836	4	KED
|	**Ni**	**62**	**1.606**	ug/L	0.135	8	6	462	9	KED
|	**Cu**	**63**	**5.782**	ug/L	0.075	1	133	28995	1	KED
|	**Cu**	**65**	**5.727**	ug/L	0.052	0	63	14144	0	KED
|	**Zn**	**66**	**14.991**	ug/L	0.290	1	270	10596	0	KED
|	**Zn**	**67**	**15.954**	ug/L	0.465	2	38	1849	1	KED
⌊	**As**	**75**	**4.808**	ug/L	0.063	1	5	1603	1	KED
	Y	**89**		ug/L			916560	992107	0	Standard
	Kr	**83**		ug/L			364	368	6	Standard
⌈>	**In-1**	**115**		ug/L			29003	23107	23	KED
|	**Cd**	**111**	**0.104**	ug/L	0.025	23	5	39	15	KED
⌊	**Cd**	**114**	**0.109**	ug/L	0.013	12	7	100	10	KED
⌈>	**In**	**115**		ug/L			1326760	1451608	1	Standard
|	**Ag**	**107**	**0.026**	ug/L	0.002	8	55	541	7	Standard
|	**Sb**	**121**	**0.210**	ug/L	0.003	1	285	4685	0	Standard
⌊	**Sb**	**123**	**0.212**	ug/L	0.006	2	251	3668	1	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2764510	1	Standard
⌊	**Pb**	**208**	**0.911**	ug/L	0.011	1	902	110598	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-39RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:31:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	55176	2	Standard
	Cl	37		ug/L			8080718	7614818	0	Standard
>	Sc	45		ug/L			1658581	1889648	1	Standard
	Cr	52	1.760	ug/L	0.010	0	26561	86488	1	Standard
	Cr	53	1.788	ug/L	0.011	0	708	7750	1	Standard
>	Ge	72		ug/L			92056	91436	0	KED
	Ni	60	1.047	ug/L	0.006	0	33	1838	0	KED
	Ni	62	0.962	ug/L	0.153	15	6	279	15	KED
	Cu	63	5.088	ug/L	0.054	1	133	25497	1	KED
	Cu	65	5.058	ug/L	0.024	0	63	12481	0	KED
	Zn	66	102.255	ug/L	1.204	1	270	70632	1	KED
	Zn	67	95.233	ug/L	1.278	1	38	10840	1	KED
	As	75	4.194	ug/L	0.048	1	5	1397	1	KED
	Y	89		ug/L			916560	978115	2	Standard
	Kr	83		ug/L			364	354	8	Standard
>	In-1	115		ug/L			29003	29207	1	KED
	Cd	111	0.067	ug/L	0.003	4	5	34	3	KED
	Cd	114	0.058	ug/L	0.011	18	7	72	15	KED
>	In	115		ug/L			1326760	1422852	2	Standard
	Ag	107	0.015	ug/L	0.001	3	55	328	4	Standard
	Sb	121	0.225	ug/L	0.002	1	285	4898	2	Standard
	Sb	123	0.227	ug/L	0.008	3	251	3841	1	Standard
>	Tb	159		ug/L			2604412	2736630	1	Standard
	Pb	208	0.767	ug/L	0.017	2	902	92285	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-40RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:35:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	60481	0	Standard
	Cl	**37**		ug/L			8080718	7568950	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1897119	1	Standard
|	**Cr**	**52**	**2.298**	ug/L	0.012	0	26561	104060	1	Standard
⌊	**Cr**	**53**	**2.303**	ug/L	0.047	2	708	9785	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	92368	0	KED
|	**Ni**	**60**	**1.483**	ug/L	0.025	1	33	2619	2	KED
|	**Ni**	**62**	**1.542**	ug/L	0.102	6	6	448	6	KED
|	**Cu**	**63**	**7.426**	ug/L	0.012	0	133	37526	0	KED
|	**Cu**	**65**	**7.477**	ug/L	0.140	1	63	18608	1	KED
|	**Zn**	**66**	**9.312**	ug/L	0.248	2	270	6743	2	KED
|	**Zn**	**67**	**11.175**	ug/L	0.219	1	38	1318	2	KED
⌊	**As**	**75**	**5.144**	ug/L	0.165	3	5	1730	2	KED
	Y	**89**		ug/L			916560	981385	1	Standard
	Kr	**83**		ug/L			364	347	5	Standard
⌈>	**In-1**	**115**		ug/L			29003	29694	1	KED
|	**Cd**	**111**	**0.132**	ug/L	0.013	10	5	63	9	KED
⌊	**Cd**	**114**	**0.126**	ug/L	0.005	3	7	150	2	KED
⌈>	**In**	**115**		ug/L			1326760	1451864	2	Standard
|	**Ag**	**107**	**0.019**	ug/L	0.002	11	55	406	7	Standard
|	**Sb**	**121**	**0.206**	ug/L	0.015	7	285	4592	5	Standard
⌊	**Sb**	**123**	**0.211**	ug/L	0.011	5	251	3662	2	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2747206	0	Standard
⌊	**Pb**	**208**	**1.441**	ug/L	0.017	1	902	173219	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-07RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:41:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	46975	1	Standard
	Cl	**37**		ug/L			8080718	7714659	2	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1749349	0	Standard
|	**Cr**	**52**	**0.354**	ug/L	0.009	2	26561	38477	1	Standard
⌊	**Cr**	**53**	**0.334**	ug/L	0.006	1	708	1949	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	89800	2	KED
|	**Ni**	**60**	**0.922**	ug/L	0.041	4	33	1595	4	KED
|	**Ni**	**62**	**0.930**	ug/L	0.070	7	6	266	9	KED
|	**Cu**	**63**	**0.660**	ug/L	0.019	2	133	3362	2	KED
|	**Cu**	**65**	**0.660**	ug/L	0.005	0	63	1653	2	KED
|	**Zn**	**66**	**0.996**	ug/L	0.020	2	270	937	3	KED
|	**Zn**	**67**	**1.049**	ug/L	0.208	19	38	153	13	KED
⌊	**As**	**75**	**0.010**	ug/L	0.008	80	5	8	33	KED
	Y	**89**		ug/L			916560	968743	1	Standard
	Kr	**83**		ug/L			364	345	5	Standard
⌈>	**In-1**	**115**		ug/L			29003	29480	2	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.006	351	5	5	54	KED
⌊	**Cd**	**114**	**-0.009**	ug/L	0.004	42	7	-1	247	KED
⌈>	**In**	**115**		ug/L			1326760	1424090	2	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	32	55	101	15	Standard
|	**Sb**	**121**	**0.002**	ug/L	0.000	30	285	337	4	Standard
⌊	**Sb**	**123**	**-0.001**	ug/L	0.002	300	251	259	10	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2710975	0	Standard
⌊	**Pb**	**208**	**0.044**	ug/L	0.001	2	902	6104	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:48:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	26195	1	Standard
	Cl	**37**		ug/L			8080718	7660844	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1622881	0	Standard
|	**Cr**	**52**	**-0.014**	ug/L	0.020	145	26561	25615	1	Standard
⌊	**Cr**	**53**	**-0.000**	ug/L	0.006	1187	708	692	2	Standard
⌈>	**Ge**	**72**		ug/L			92056	87378	2	KED
|	**Ni**	**60**	**-0.003**	ug/L	0.007	246	33	26	46	KED
|	**Ni**	**62**	**-0.008**	ug/L	0.011	132	6	4	65	KED
|	**Cu**	**63**	**-0.004**	ug/L	0.004	109	133	108	16	KED
|	**Cu**	**65**	**-0.001**	ug/L	0.004	398	63	57	16	KED
|	**Zn**	**66**	**-0.044**	ug/L	0.005	10	270	227	3	KED
|	**Zn**	**67**	**-0.076**	ug/L	0.019	25	38	27	7	KED
⌊	**As**	**75**	**-0.001**	ug/L	0.005	687	5	4	34	KED
	Y	**89**		ug/L			916560	902542	0	Standard
	Kr	**83**		ug/L			364	333	9	Standard
⌈>	**In-1**	**115**		ug/L			29003	28473	0	KED
|	**Cd**	**111**	**0.000**	ug/L	0.008	3231	5	5	57	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.001	24	7	2	41	KED
⌈>	**In**	**115**		ug/L			1326760	1301003	1	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	25	55	50	2	Standard
|	**Sb**	**121**	**-0.012**	ug/L	0.001	8	285	64	28	Standard
⌊	**Sb**	**123**	**-0.013**	ug/L	0.001	6	251	61	19	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2548652	1	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.001	257	902	855	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:53:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	27278	1	Standard
	Cl	**37**		ug/L			8080718	8361473	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1631582	1	Standard
|	**Cr**	**52**	**53.780**	ug/L	0.813	1	26561	1509023	1	Standard
⌊	**Cr**	**53**	**51.927**	ug/L	1.495	2	708	174696	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	90007	1	KED
|	**Ni**	**60**	**43.650**	ug/L	0.269	0	33	74172	1	KED
|	**Ni**	**62**	**43.442**	ug/L	0.608	1	6	12123	0	KED
|	**Cu**	**63**	**44.870**	ug/L	0.861	1	133	220246	0	KED
|	**Cu**	**65**	**44.942**	ug/L	1.018	2	63	108651	1	KED
|	**Zn**	**66**	**44.301**	ug/L	0.619	1	270	30266	0	KED
|	**Zn**	**67**	**45.268**	ug/L	1.856	4	38	5090	3	KED
⌊	**As**	**75**	**48.474**	ug/L	0.670	1	5	15846	0	KED
	Y	**89**		ug/L			916560	917162	2	Standard
	Kr	**83**		ug/L			364	348	4	Standard
⌈>	**In-1**	**115**		ug/L			29003	28668	0	KED
|	**Cd**	**111**	**45.852**	ug/L	0.605	1	5	19287	1	KED
⌊	**Cd**	**114**	**46.358**	ug/L	1.195	2	7	50546	2	KED
⌈>	**In**	**115**		ug/L			1326760	1341490	2	Standard
|	**Ag**	**107**	**54.533**	ug/L	1.496	2	55	933372	0	Standard
|	**Sb**	**121**	**43.100**	ug/L	1.120	2	285	827778	0	Standard
⌊	**Sb**	**123**	**42.612**	ug/L	0.104	0	251	631408	2	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2667815	0	Standard
⌊	**Pb**	**208**	**50.560**	ug/L	0.426	0	902	5871209	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 08:59:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	29274	1	Standard
	Cl	**37**		ug/L			8080718	8116938	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1618425	0	Standard
|	**Cr**	**52**	**0.023**	ug/L	0.005	23	26561	26538	0	Standard
⌊	**Cr**	**53**	**0.012**	ug/L	0.005	43	708	731	2	Standard
⌈>	**Ge**	**72**		ug/L			92056	87613	1	KED
|	**Ni**	**60**	**0.001**	ug/L	0.003	294	33	33	14	KED
|	**Ni**	**62**	**0.001**	ug/L	0.004	312	6	6	15	KED
|	**Cu**	**63**	**0.000**	ug/L	0.006	54948	133	127	22	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.006	176	63	52	26	KED
|	**Zn**	**66**	**-0.067**	ug/L	0.024	36	270	213	8	KED
|	**Zn**	**67**	**-0.024**	ug/L	0.051	211	38	33	16	KED
⌊	**As**	**75**	**0.002**	ug/L	0.006	257	5	5	33	KED
	Y	**89**		ug/L			916560	888115	1	Standard
	Kr	**83**		ug/L			364	333	3	Standard
⌈>	**In-1**	**115**		ug/L			29003	27796	1	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.003	130	5	4	32	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.003	80	7	4	69	KED
⌈>	**In**	**115**		ug/L			1326760	1308460	3	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	32	55	83	9	Standard
|	**Sb**	**121**	**0.033**	ug/L	0.001	3	285	892	3	Standard
⌊	**Sb**	**123**	**0.030**	ug/L	0.001	4	251	682	5	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2554710	0	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	47	902	798	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0208-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:03:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	42571	1	Standard
	Cl	37		ug/L			8080718	7904417	0	Standard
⌈>	Sc	45		ug/L			1658581	1614740	1	Standard
|	Cr	52	0.090	ug/L	0.035	38	26561	28317	2	Standard
⌊	Cr	53	0.033	ug/L	0.003	9	708	798	2	Standard
⌈>	Ge	72		ug/L			92056	88687	1	KED
|	Ni	60	0.049	ug/L	0.010	20	33	114	14	KED
|	Ni	62	0.042	ug/L	0.007	16	6	18	11	KED
|	Cu	63	0.041	ug/L	0.007	17	133	328	10	KED
|	Cu	65	0.039	ug/L	0.007	18	63	154	10	KED
|	Zn	66	0.534	ug/L	0.011	2	270	617	0	KED
|	Zn	67	0.537	ug/L	0.115	21	38	95	14	KED
⌊	As	75	0.002	ug/L	0.004	241	5	5	21	KED
	Y	89		ug/L			916560	906018	0	Standard
	Kr	83		ug/L			364	344	4	Standard
⌈>	In-1	115		ug/L			29003	27950	0	KED
|	Cd	111	0.003	ug/L	0.008	285	5	6	49	KED
⌊	Cd	114	-0.001	ug/L	0.008	850	7	6	133	KED
⌈>	In	115		ug/L			1326760	1341479	0	Standard
|	Ag	107	0.002	ug/L	0.001	34	55	88	12	Standard
|	Sb	121	0.002	ug/L	0.001	83	285	318	8	Standard
⌊	Sb	123	-0.002	ug/L	0.001	75	251	230	8	Standard
⌈>	Tb	159		ug/L			2604412	2569320	1	Standard
⌊	Pb	208	0.012	ug/L	0.001	8	902	2269	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0208-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:07:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	42023	2	Standard
	Cl	**37**		ug/L			8080718	7983618	1	Standard
⎡>	**Sc**	**45**		ug/L			1658581	1623549	1	Standard
⎢	**Cr**	**52**	**28.316**	ug/L	0.243	0	26561	802988	0	Standard
⎣	**Cr**	**53**	**27.704**	ug/L	0.261	0	708	93101	1	Standard
⎡>	**Ge**	**72**		ug/L			92056	90805	1	KED
⎢	**Ni**	**60**	**23.681**	ug/L	0.221	0	33	40618	2	KED
⎢	**Ni**	**62**	**23.453**	ug/L	0.534	2	6	6607	2	KED
⎢	**Cu**	**63**	**24.394**	ug/L	0.392	1	133	120878	1	KED
⎢	**Cu**	**65**	**24.707**	ug/L	0.200	0	63	60302	0	KED
⎢	**Zn**	**66**	**80.066**	ug/L	0.870	1	270	54977	0	KED
⎢	**Zn**	**67**	**76.669**	ug/L	1.198	1	38	8673	1	KED
⎣	**As**	**75**	**25.219**	ug/L	0.225	0	5	8320	0	KED
	Y	**89**		ug/L			916560	910635	1	Standard
	Kr	**83**		ug/L			364	347	9	Standard
⎡>	**In-1**	**115**		ug/L			29003	29053	1	KED
⎢	**Cd**	**111**	**23.985**	ug/L	0.205	0	5	10228	2	KED
⎣	**Cd**	**114**	**24.234**	ug/L	0.338	1	7	26779	0	KED
⎡>	**In**	**115**		ug/L			1326760	1347627	3	Standard
⎢	**Ag**	**107**	**29.491**	ug/L	1.082	3	55	507028	1	Standard
⎢	**Sb**	**121**	**-0.003**	ug/L	0.001	26	285	233	9	Standard
⎣	**Sb**	**123**	**-0.004**	ug/L	0.002	51	251	198	12	Standard
⎡>	**Tb**	**159**		ug/L			2604412	2603850	0	Standard
⎣	**Pb**	**208**	**26.456**	ug/L	0.136	0	902	2998710	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0208-BSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:11:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	41608	2	Standard
	Cl	**37**		ug/L			8080718	8055952	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1652984	1	Standard
|	**Cr**	**52**	**28.271**	ug/L	0.286	1	26561	816310	0	Standard
⌊	**Cr**	**53**	**26.957**	ug/L	0.472	1	708	92240	0	Standard
⌈>	**Ge**	**72**		ug/L			92056	89414	1	KED
|	**Ni**	**60**	**23.611**	ug/L	0.373	1	33	39868	0	KED
|	**Ni**	**62**	**23.969**	ug/L	0.799	3	6	6647	1	KED
|	**Cu**	**63**	**24.400**	ug/L	0.218	0	133	119063	1	KED
|	**Cu**	**65**	**24.240**	ug/L	0.481	1	63	58249	1	KED
|	**Zn**	**66**	**72.816**	ug/L	0.916	1	270	49267	2	KED
|	**Zn**	**67**	**70.663**	ug/L	1.247	1	38	7875	2	KED
⌊	**As**	**75**	**25.321**	ug/L	0.112	0	5	8226	1	KED
	Y	**89**		ug/L			916560	920059	1	Standard
	Kr	**83**		ug/L			364	355	10	Standard
⌈>	**In-1**	**115**		ug/L			29003	28299	1	KED
|	**Cd**	**111**	**24.562**	ug/L	0.138	0	5	10201	1	KED
⌊	**Cd**	**114**	**24.514**	ug/L	0.526	2	7	26380	0	KED
⌈>	**In**	**115**		ug/L			1326760	1383826	0	Standard
|	**Ag**	**107**	**28.455**	ug/L	0.461	1	55	502660	0	Standard
|	**Sb**	**121**	**-0.007**	ug/L	0.002	30	285	167	23	Standard
⌊	**Sb**	**123**	**-0.008**	ug/L	0.000	5	251	133	6	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2629205	1	Standard
⌊	**Pb**	**208**	**26.302**	ug/L	0.289	1	902	3010122	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-02RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:15:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	52677	2	Standard
	Cl	**37**		ug/L			8080718	7587152	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1876095	0	Standard
|	**Cr**	**52**	**1.035**	ug/L	0.039	3	26561	62869	1	Standard
⌊	**Cr**	**53**	**1.141**	ug/L	0.025	2	708	5198	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	88959	0	KED
|	**Ni**	**60**	**2.053**	ug/L	0.035	1	33	3477	1	KED
|	**Ni**	**62**	**1.936**	ug/L	0.102	5	6	540	4	KED
|	**Cu**	**63**	**11.137**	ug/L	0.065	0	133	54137	0	KED
|	**Cu**	**65**	**11.243**	ug/L	0.221	1	63	26915	1	KED
|	**Zn**	**66**	**18.055**	ug/L	0.432	2	270	12348	2	KED
|	**Zn**	**67**	**19.144**	ug/L	0.372	1	38	2149	1	KED
⌊	**As**	**75**	**3.153**	ug/L	0.160	5	5	1023	4	KED
	Y	**89**		ug/L			916560	961457	0	Standard
	Kr	**83**		ug/L			364	352	13	Standard
⌈>	**In-1**	**115**		ug/L			29003	28636	1	KED
|	**Cd**	**111**	**0.183**	ug/L	0.023	12	5	82	12	KED
⌊	**Cd**	**114**	**0.209**	ug/L	0.017	8	7	235	7	KED
⌈>	**In**	**115**		ug/L			1326760	1412007	1	Standard
|	**Ag**	**107**	**0.014**	ug/L	0.001	6	55	315	6	Standard
|	**Sb**	**121**	**0.192**	ug/L	0.008	4	285	4196	4	Standard
⌊	**Sb**	**123**	**0.195**	ug/L	0.007	3	251	3309	3	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2730980	1	Standard
⌊	**Pb**	**208**	**0.689**	ug/L	0.004	0	902	82838	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-06RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:19:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	50753	2	Standard
	Cl	37		ug/L			8080718	7357379	3	Standard
>	Sc	45		ug/L			1658581	1696495	14	Standard
	Cr	52	1.312	ug/L	0.309	23	26561	63917	2	Standard
	Cr	53	1.379	ug/L	0.192	13	708	5466	3	Standard
>	Ge	72		ug/L			92056	87470	0	KED
	Ni	60	2.286	ug/L	0.073	3	33	3804	2	KED
	Ni	62	2.352	ug/L	0.270	11	6	644	11	KED
	Cu	63	11.228	ug/L	0.183	1	133	53663	0	KED
	Cu	65	11.326	ug/L	0.175	1	63	26660	1	KED
	Zn	66	18.862	ug/L	0.285	1	270	12672	0	KED
	Zn	67	20.324	ug/L	0.179	0	38	2241	0	KED
	As	75	3.138	ug/L	0.054	1	5	1001	1	KED
	Y	89		ug/L			916560	876784	14	Standard
	Kr	83		ug/L			364	354	11	Standard
>	In-1	115		ug/L			29003	28478	1	KED
	Cd	111	0.219	ug/L	0.014	6	5	97	6	KED
	Cd	114	0.188	ug/L	0.010	5	7	211	5	KED
>	In	115		ug/L			1326760	1258780	16	Standard
	Ag	107	0.016	ug/L	0.002	14	55	301	5	Standard
	Sb	121	0.220	ug/L	0.038	17	285	4155	2	Standard
	Sb	123	0.226	ug/L	0.027	12	251	3334	6	Standard
>	Tb	159		ug/L			2604412	2450854	18	Standard
	Pb	208	0.813	ug/L	0.160	19	902	85469	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-18RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:24:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	46496	1	Standard
	Cl	**37**		ug/L			8080718	7440916	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1836855	1	Standard
|	**Cr**	**52**	**0.638**	ug/L	0.033	5	26561	49209	0	Standard
⌊	**Cr**	**53**	**0.804**	ug/L	0.025	3	708	3819	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	88539	0	KED
|	**Ni**	**60**	**0.784**	ug/L	0.034	4	33	1341	3	KED
|	**Ni**	**62**	**0.836**	ug/L	0.076	9	6	236	9	KED
|	**Cu**	**63**	**7.554**	ug/L	0.142	1	133	36595	2	KED
|	**Cu**	**65**	**7.637**	ug/L	0.147	1	63	18214	0	KED
|	**Zn**	**66**	**17.823**	ug/L	0.406	2	270	12135	2	KED
|	**Zn**	**67**	**19.157**	ug/L	0.475	2	38	2140	1	KED
⌊	**As**	**75**	**1.797**	ug/L	0.058	3	5	582	2	KED
	Y	**89**		ug/L			916560	922844	1	Standard
	Kr	**83**		ug/L			364	339	7	Standard
⌈>	**In-1**	**115**		ug/L			29003	28179	1	KED
|	**Cd**	**111**	**0.193**	ug/L	0.028	14	5	85	14	KED
⌊	**Cd**	**114**	**0.177**	ug/L	0.029	16	7	197	16	KED
⌈>	**In**	**115**		ug/L			1326760	1379118	1	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	20	55	143	11	Standard
|	**Sb**	**121**	**0.175**	ug/L	0.007	3	285	3757	2	Standard
⌊	**Sb**	**123**	**0.172**	ug/L	0.009	5	251	2872	3	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2644846	1	Standard
⌊	**Pb**	**208**	**0.064**	ug/L	0.003	4	902	8259	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-20RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:28:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	46179	0	Standard
	Cl	37		ug/L			8080718	7554979	0	Standard
>	Sc	45		ug/L			1658581	1821871	0	Standard
	Cr	52	0.821	ug/L	0.014	1	26561	54469	0	Standard
	Cr	53	0.963	ug/L	0.011	1	708	4384	0	Standard
>	Ge	72		ug/L			92056	88841	0	KED
	Ni	60	0.696	ug/L	0.027	3	33	1199	3	KED
	Ni	62	0.690	ug/L	0.058	8	6	196	8	KED
	Cu	63	9.428	ug/L	0.141	1	133	45790	1	KED
	Cu	65	9.517	ug/L	0.062	0	63	22764	0	KED
	Zn	66	15.752	ug/L	0.021	0	270	10792	0	KED
	Zn	67	17.026	ug/L	0.724	4	38	1913	3	KED
	As	75	2.122	ug/L	0.051	2	5	689	2	KED
	Y	89		ug/L			916560	937543	1	Standard
	Kr	83		ug/L			364	340	6	Standard
>	In-1	115		ug/L			29003	28163	0	KED
	Cd	111	0.169	ug/L	0.026	15	5	75	14	KED
	Cd	114	0.159	ug/L	0.011	6	7	177	5	KED
>	In	115		ug/L			1326760	1401887	1	Standard
	Ag	107	0.003	ug/L	0.001	47	55	104	21	Standard
	Sb	121	0.188	ug/L	0.004	2	285	4083	2	Standard
	Sb	123	0.196	ug/L	0.005	2	251	3295	2	Standard
>	Tb	159		ug/L			2604412	2632007	1	Standard
	Pb	208	0.050	ug/L	0.001	1	902	6657	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0149-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:32:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	49523	1	Standard
	Cl	**37**		ug/L			8080718	7516624	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1813284	0	Standard
|	**Cr**	**52**	**0.852**	ug/L	0.018	2	26561	55163	0	Standard
⌊	**Cr**	**53**	**0.938**	ug/L	0.030	3	708	4267	2	Standard
⌈>	**Ge**	**72**		ug/L			92056	87909	1	KED
|	**Ni**	**60**	**0.722**	ug/L	0.023	3	33	1230	4	KED
|	**Ni**	**62**	**0.711**	ug/L	0.126	17	6	200	16	KED
|	**Cu**	**63**	**9.651**	ug/L	0.061	0	133	46376	1	KED
|	**Cu**	**65**	**9.700**	ug/L	0.058	0	63	22956	1	KED
|	**Zn**	**66**	**16.182**	ug/L	0.013	0	270	10964	1	KED
|	**Zn**	**67**	**16.949**	ug/L	0.275	1	38	1884	1	KED
⌊	**As**	**75**	**2.165**	ug/L	0.073	3	5	696	3	KED
	Y	**89**		ug/L			916560	936537	0	Standard
	Kr	**83**		ug/L			364	316	7	Standard
⌈>	**In-1**	**115**		ug/L			29003	28178	0	KED
|	**Cd**	**111**	**0.175**	ug/L	0.012	6	5	77	6	KED
⌊	**Cd**	**114**	**0.186**	ug/L	0.018	9	7	206	9	KED
⌈>	**In**	**115**		ug/L			1326760	1382188	0	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.001	21	55	133	11	Standard
|	**Sb**	**121**	**0.192**	ug/L	0.004	2	285	4100	2	Standard
⌊	**Sb**	**123**	**0.199**	ug/L	0.003	1	251	3294	1	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2651713	0	Standard
⌊	**Pb**	**208**	**0.048**	ug/L	0.000	0	902	6462	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0149-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:38:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	49550	0	Standard
	Cl	**37**		ug/L			8080718	7643538	0	Standard
⎡>	**Sc**	**45**		ug/L			1658581	1841729	0	Standard
⎢	**Cr**	**52**	**25.780**	ug/L	0.114	0	26561	832018	0	Standard
⎣	**Cr**	**53**	**25.042**	ug/L	0.322	1	708	95537	1	Standard
⎡>	**Ge**	**72**		ug/L			92056	89276	2	KED
⎢	**Ni**	**60**	**23.655**	ug/L	0.466	1	33	39879	1	KED
⎢	**Ni**	**62**	**23.924**	ug/L	0.889	3	6	6624	2	KED
⎢	**Cu**	**63**	**36.453**	ug/L	0.655	1	133	177508	1	KED
⎢	**Cu**	**65**	**36.369**	ug/L	0.914	2	63	87221	1	KED
⎢	**Zn**	**66**	**80.665**	ug/L	1.444	1	270	54445	0	KED
⎢	**Zn**	**67**	**78.401**	ug/L	2.410	3	38	8716	1	KED
⎣	**As**	**75**	**24.907**	ug/L	0.342	1	5	8078	0	KED
	Y	**89**		ug/L			916560	948249	0	Standard
	Kr	**83**		ug/L			364	353	4	Standard
⎡>	**In-1**	**115**		ug/L			29003	28495	1	KED
⎢	**Cd**	**111**	**22.401**	ug/L	0.460	2	5	9367	0	KED
⎣	**Cd**	**114**	**22.697**	ug/L	0.556	2	7	24597	1	KED
⎡>	**In**	**115**		ug/L			1326760	1413083	0	Standard
⎢	**Ag**	**107**	**26.545**	ug/L	0.487	1	55	478835	1	Standard
⎢	**Sb**	**121**	**0.193**	ug/L	0.004	2	285	4203	2	Standard
⎣	**Sb**	**123**	**0.190**	ug/L	0.003	1	251	3230	0	Standard
⎡>	**Tb**	**159**		ug/L			2604412	2696765	0	Standard
⎣	**Pb**	**208**	**25.420**	ug/L	0.125	0	902	2984192	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:45:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	26104	1	Standard
	Cl	**37**		ug/L			8080718	7913235	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1596707	1	Standard
|	**Cr**	**52**	**-0.042**	ug/L	0.008	18	26561	24447	0	Standard
⌊	**Cr**	**53**	**-0.006**	ug/L	0.008	130	708	660	3	Standard
⌈>	**Ge**	**72**		ug/L			92056	86966	0	KED
|	**Ni**	**60**	**-0.004**	ug/L	0.004	107	33	24	27	KED
|	**Ni**	**62**	**-0.003**	ug/L	0.012	380	6	5	57	KED
|	**Cu**	**63**	**-0.004**	ug/L	0.001	19	133	105	3	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.003	76	63	50	15	KED
|	**Zn**	**66**	**-0.086**	ug/L	0.064	75	270	199	21	KED
|	**Zn**	**67**	**-0.016**	ug/L	0.062	397	38	34	19	KED
⌊	**As**	**75**	**-0.004**	ug/L	0.003	72	5	3	21	KED
	Y	**89**		ug/L			916560	877385	1	Standard
	Kr	**83**		ug/L			364	314	3	Standard
⌈>	**In-1**	**115**		ug/L			29003	27684	0	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.006	646	5	5	47	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.004	145	7	4	83	KED
⌈>	**In**	**115**		ug/L			1326760	1310834	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	108	55	64	15	Standard
|	**Sb**	**121**	**-0.012**	ug/L	0.001	6	285	52	29	Standard
⌊	**Sb**	**123**	**-0.014**	ug/L	0.001	6	251	48	26	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2539300	1	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.001	33	902	673	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVJ
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:49:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	27769	2	Standard
	Cl	**37**		ug/L			8080718	8421418	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1611328	0	Standard
|	**Cr**	**52**	**53.257**	ug/L	0.491	0	26561	1476231	0	Standard
⌊	**Cr**	**53**	**51.870**	ug/L	0.380	0	708	172403	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	88979	0	KED
|	**Ni**	**60**	**43.799**	ug/L	0.627	1	33	73582	1	KED
|	**Ni**	**62**	**44.109**	ug/L	1.498	3	6	12168	2	KED
|	**Cu**	**63**	**44.609**	ug/L	0.381	0	133	216511	0	KED
|	**Cu**	**65**	**44.767**	ug/L	0.819	1	63	107023	2	KED
|	**Zn**	**66**	**43.370**	ug/L	0.454	1	270	29301	0	KED
|	**Zn**	**67**	**44.929**	ug/L	0.730	1	38	4996	2	KED
⌊	**As**	**75**	**48.309**	ug/L	1.049	2	5	15612	1	KED
	Y	**89**		ug/L			916560	908318	1	Standard
	Kr	**83**		ug/L			364	338	0	Standard
⌈>	**In-1**	**115**		ug/L			29003	27386	3	KED
|	**Cd**	**111**	**46.757**	ug/L	0.733	1	5	18782	1	KED
⌊	**Cd**	**114**	**47.374**	ug/L	1.356	2	7	49312	0	KED
⌈>	**In**	**115**		ug/L			1326760	1314541	1	Standard
|	**Ag**	**107**	**54.940**	ug/L	0.141	0	55	921926	1	Standard
|	**Sb**	**121**	**43.799**	ug/L	0.690	1	285	824690	2	Standard
⌊	**Sb**	**123**	**43.968**	ug/L	1.158	2	251	638286	1	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2623263	1	Standard
⌊	**Pb**	**208**	**51.325**	ug/L	0.929	1	902	5858980	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBJ
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 09:56:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	28765	1	Standard
	Cl	**37**		ug/L			8080718	8077397	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1594015	1	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.009	37	26561	26178	0	Standard
⌊	**Cr**	**53**	**-0.003**	ug/L	0.009	302	708	671	3	Standard
⌈>	**Ge**	**72**		ug/L			92056	86569	1	KED
|	**Ni**	**60**	**-0.005**	ug/L	0.005	102	33	23	32	KED
|	**Ni**	**62**	**0.006**	ug/L	0.008	129	6	8	26	KED
|	**Cu**	**63**	**-0.006**	ug/L	0.002	30	133	99	8	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.008	376	63	54	33	KED
|	**Zn**	**66**	**-0.058**	ug/L	0.032	55	270	216	9	KED
|	**Zn**	**67**	**0.010**	ug/L	0.075	768	38	36	20	KED
⌊	**As**	**75**	**0.004**	ug/L	0.002	51	5	6	9	KED
	Y	**89**		ug/L			916560	885950	1	Standard
	Kr	**83**		ug/L			364	339	14	Standard
⌈>	**In-1**	**115**		ug/L			29003	27893	1	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.006	153	5	3	66	KED
⌊	**Cd**	**114**	**-0.005**	ug/L	0.001	22	7	2	55	KED
⌈>	**In**	**115**		ug/L			1326760	1312015	2	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	12	55	74	5	Standard
|	**Sb**	**121**	**0.031**	ug/L	0.004	14	285	859	7	Standard
⌊	**Sb**	**123**	**0.030**	ug/L	0.002	7	251	679	5	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2532857	0	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	34	902	794	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-07RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:00:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	51508	1	Standard
	Cl	**37**		ug/L			8080718	7615398	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1872839	0	Standard
|	**Cr**	**52**	**2.374**	ug/L	0.061	2	26561	105123	1	Standard
⌊	**Cr**	**53**	**2.399**	ug/L	0.018	0	708	10030	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	90621	0	KED
|	**Ni**	**60**	**1.844**	ug/L	0.024	1	33	3185	2	KED
|	**Ni**	**62**	**1.949**	ug/L	0.018	0	6	554	0	KED
|	**Cu**	**63**	**14.654**	ug/L	0.214	1	133	72520	1	KED
|	**Cu**	**65**	**14.514**	ug/L	0.326	2	63	35375	1	KED
|	**Zn**	**66**	**20.516**	ug/L	0.069	0	270	14257	0	KED
|	**Zn**	**67**	**21.492**	ug/L	0.998	4	38	2453	4	KED
⌊	**As**	**75**	**4.204**	ug/L	0.100	2	5	1388	2	KED
	Y	**89**		ug/L			916560	964043	1	Standard
	Kr	**83**		ug/L			364	367	5	Standard
⌈>	**In-1**	**115**		ug/L			29003	29084	0	KED
|	**Cd**	**111**	**0.221**	ug/L	0.024	11	5	100	10	KED
⌊	**Cd**	**114**	**0.215**	ug/L	0.021	9	7	245	9	KED
⌈>	**In**	**115**		ug/L			1326760	1446630	2	Standard
|	**Ag**	**107**	**0.017**	ug/L	0.001	6	55	379	4	Standard
|	**Sb**	**121**	**0.193**	ug/L	0.010	5	285	4304	3	Standard
⌊	**Sb**	**123**	**0.197**	ug/L	0.004	2	251	3423	4	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2699436	0	Standard
⌊	**Pb**	**208**	**1.167**	ug/L	0.010	0	902	138069	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-10RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:04:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	50589	2	Standard
	Cl	37		ug/L			8080718	7496498	1	Standard
>	Sc	45		ug/L			1658581	1862373	0	Standard
	Cr	52	1.819	ug/L	0.049	2	26561	87076	1	Standard
	Cr	53	1.858	ug/L	0.026	1	708	7905	0	Standard
>	Ge	72		ug/L			92056	90479	0	KED
	Ni	60	1.946	ug/L	0.057	2	33	3355	3	KED
	Ni	62	1.949	ug/L	0.098	5	6	553	5	KED
	Cu	63	16.449	ug/L	0.176	1	133	81265	1	KED
	Cu	65	16.561	ug/L	0.180	1	63	40300	1	KED
	Zn	66	22.522	ug/L	0.348	1	270	15600	1	KED
	Zn	67	23.570	ug/L	0.294	1	38	2682	0	KED
	As	75	4.543	ug/L	0.013	0	5	1497	1	KED
	Y	89		ug/L			916560	973334	1	Standard
	Kr	83		ug/L			364	337	6	Standard
>	In-1	115		ug/L			29003	28940	0	KED
	Cd	111	0.239	ug/L	0.017	7	5	106	5	KED
	Cd	114	0.226	ug/L	0.005	2	7	256	3	KED
>	In	115		ug/L			1326760	1431965	1	Standard
	Ag	107	0.018	ug/L	0.002	9	55	396	6	Standard
	Sb	121	0.190	ug/L	0.007	3	285	4194	4	Standard
	Sb	123	0.193	ug/L	0.008	4	251	3320	3	Standard
>	Tb	159		ug/L			2604412	2733736	0	Standard
	Pb	208	1.371	ug/L	0.031	2	902	163976	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-11RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:08:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	51371	1	Standard
	Cl	**37**		ug/L			8080718	7596418	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1865899	0	Standard
|	**Cr**	**52**	**1.846**	ug/L	0.060	3	26561	88106	1	Standard
⌊	**Cr**	**53**	**1.919**	ug/L	0.029	1	708	8154	0	Standard
⌈>	**Ge**	**72**		ug/L			92056	90575	0	KED
|	**Ni**	**60**	**1.345**	ug/L	0.011	0	33	2330	1	KED
|	**Ni**	**62**	**1.253**	ug/L	0.076	6	6	358	6	KED
|	**Cu**	**63**	**11.605**	ug/L	0.060	0	133	57436	0	KED
|	**Cu**	**65**	**11.606**	ug/L	0.334	2	63	28288	2	KED
|	**Zn**	**66**	**16.618**	ug/L	0.339	2	270	11592	1	KED
|	**Zn**	**67**	**17.509**	ug/L	0.582	3	38	2004	2	KED
⌊	**As**	**75**	**3.244**	ug/L	0.107	3	5	1071	2	KED
	Y	**89**		ug/L			916560	964577	0	Standard
	Kr	**83**		ug/L			364	352	3	Standard
⌈>	**In-1**	**115**		ug/L			29003	28408	0	KED
|	**Cd**	**111**	**0.182**	ug/L	0.027	14	5	81	14	KED
⌊	**Cd**	**114**	**0.164**	ug/L	0.017	10	7	185	10	KED
⌈>	**In**	**115**		ug/L			1326760	1420888	1	Standard
|	**Ag**	**107**	**0.019**	ug/L	0.001	6	55	400	3	Standard
|	**Sb**	**121**	**0.193**	ug/L	0.005	2	285	4232	1	Standard
⌊	**Sb**	**123**	**0.193**	ug/L	0.008	4	251	3294	2	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2751609	1	Standard
⌊	**Pb**	**208**	**0.896**	ug/L	0.018	1	902	108170	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-13RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:12:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	46442	0	Standard
	Cl	37		ug/L			8080718	7478401	0	Standard
>	Sc	45		ug/L			1658581	1932160	0	Standard
	Cr	52	1.731	ug/L	0.019	1	26561	87484	1	Standard
	Cr	53	1.857	ug/L	0.045	2	708	8194	1	Standard
>	Ge	72		ug/L			92056	89880	1	KED
	Ni	60	2.573	ug/L	0.040	1	33	4396	1	KED
	Ni	62	2.603	ug/L	0.126	4	6	732	5	KED
	Cu	63	5.419	ug/L	0.033	0	133	26683	0	KED
	Cu	65	5.554	ug/L	0.064	1	63	13464	0	KED
	Zn	66	23.862	ug/L	0.290	1	270	16403	0	KED
	Zn	67	23.901	ug/L	0.491	2	38	2701	1	KED
	As	75	1.522	ug/L	0.074	4	5	501	4	KED
	Y	89		ug/L			916560	958035	0	Standard
	Kr	83		ug/L			364	340	7	Standard
>	In-1	115		ug/L			29003	28498	0	KED
	Cd	111	0.121	ug/L	0.006	5	5	56	4	KED
	Cd	114	0.033	ug/L	0.017	52	7	43	42	KED
>	In	115		ug/L			1326760	1388027	1	Standard
	Ag	107	0.013	ug/L	0.002	15	55	286	11	Standard
	Sb	121	0.138	ug/L	0.009	6	285	3043	6	Standard
	Sb	123	0.135	ug/L	0.010	7	251	2332	5	Standard
>	Tb	159		ug/L			2604412	2711082	1	Standard
	Pb	208	0.409	ug/L	0.005	1	902	49213	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-16RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:16:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	44821	2	Standard
	Cl	**37**		ug/L			8080718	7429700	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1853863	1	Standard
|	**Cr**	**52**	**0.109**	ug/L	0.015	14	26561	33101	0	Standard
⌊	**Cr**	**53**	**0.346**	ug/L	0.013	3	708	2108	2	Standard
⌈>	**Ge**	**72**		ug/L			92056	86741	0	KED
|	**Ni**	**60**	**0.758**	ug/L	0.014	1	33	1271	2	KED
|	**Ni**	**62**	**0.691**	ug/L	0.038	5	6	192	4	KED
|	**Cu**	**63**	**3.933**	ug/L	0.053	1	133	18723	0	KED
|	**Cu**	**65**	**4.057**	ug/L	0.042	1	63	9508	0	KED
|	**Zn**	**66**	**14.981**	ug/L	0.231	1	270	10033	1	KED
|	**Zn**	**67**	**16.850**	ug/L	0.980	5	38	1848	4	KED
⌊	**As**	**75**	**0.325**	ug/L	0.011	3	5	107	3	KED
	Y	**89**		ug/L			916560	912896	0	Standard
	Kr	**83**		ug/L			364	361	8	Standard
⌈>	**In-1**	**115**		ug/L			29003	28204	1	KED
|	**Cd**	**111**	**0.231**	ug/L	0.019	8	5	101	6	KED
⌊	**Cd**	**114**	**0.235**	ug/L	0.013	5	7	259	6	KED
⌈>	**In**	**115**		ug/L			1326760	1343148	2	Standard
|	**Ag**	**107**	**0.017**	ug/L	0.001	7	55	347	8	Standard
|	**Sb**	**121**	**0.104**	ug/L	0.005	4	285	2288	4	Standard
⌊	**Sb**	**123**	**0.106**	ug/L	0.002	1	251	1827	1	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2624425	0	Standard
⌊	**Pb**	**208**	**0.037**	ug/L	0.001	1	902	5085	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-01RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:20:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			26613	53651	1	Standard
	Cl	37		ug/L			8080718	7659051	0	Standard
>	Sc	45		ug/L			1658581	1860764	1	Standard
	Cr	52	1.501	ug/L	0.015	1	26561	77016	0	Standard
	Cr	53	1.570	ug/L	0.024	1	708	6797	2	Standard
>	Ge	72		ug/L			92056	88866	0	KED
	Ni	60	1.757	ug/L	0.076	4	33	2978	3	KED
	Ni	62	1.783	ug/L	0.047	2	6	497	2	KED
	Cu	63	14.287	ug/L	0.278	1	133	69338	1	KED
	Cu	65	14.462	ug/L	0.217	1	63	34566	0	KED
	Zn	66	23.911	ug/L	0.490	2	270	16249	1	KED
	Zn	67	24.216	ug/L	0.763	3	38	2706	2	KED
	As	75	4.203	ug/L	0.113	2	5	1361	1	KED
	Y	89		ug/L			916560	955369	0	Standard
	Kr	83		ug/L			364	374	6	Standard
>	In-1	115		ug/L			29003	28034	0	KED
	Cd	111	0.248	ug/L	0.025	10	5	107	9	KED
	Cd	114	0.218	ug/L	0.025	11	7	240	10	KED
>	In	115		ug/L			1326760	1431445	1	Standard
	Ag	107	0.014	ug/L	0.001	9	55	309	9	Standard
	Sb	121	0.195	ug/L	0.006	3	285	4299	1	Standard
	Sb	123	0.197	ug/L	0.005	2	251	3378	2	Standard
>	Tb	159		ug/L			2604412	2701261	0	Standard
	Pb	208	1.067	ug/L	0.013	1	902	126380	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0208-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:25:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	50401	1	Standard
	Cl	**37**		ug/L			8080718	7585030	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1850371	0	Standard
|	**Cr**	**52**	**1.423**	ug/L	0.002	0	26561	74150	0	Standard
⌊	**Cr**	**53**	**1.495**	ug/L	0.015	0	708	6474	0	Standard
⌈>	**Ge**	**72**		ug/L			92056	90626	0	KED
|	**Ni**	**60**	**1.715**	ug/L	0.071	4	33	2964	3	KED
|	**Ni**	**62**	**1.697**	ug/L	0.178	10	6	483	10	KED
|	**Cu**	**63**	**14.383**	ug/L	0.219	1	133	71186	0	KED
|	**Cu**	**65**	**14.607**	ug/L	0.191	1	63	35610	1	KED
|	**Zn**	**66**	**24.116**	ug/L	0.265	1	270	16713	0	KED
|	**Zn**	**67**	**24.160**	ug/L	0.360	1	38	2753	2	KED
⌊	**As**	**75**	**4.238**	ug/L	0.138	3	5	1399	3	KED
	Y	**89**		ug/L			916560	950602	1	Standard
	Kr	**83**		ug/L			364	321	11	Standard
⌈>	**In-1**	**115**		ug/L			29003	29196	0	KED
|	**Cd**	**111**	**0.213**	ug/L	0.042	19	5	97	19	KED
⌊	**Cd**	**114**	**0.228**	ug/L	0.010	4	7	261	4	KED
⌈>	**In**	**115**		ug/L			1326760	1395619	1	Standard
|	**Ag**	**107**	**0.016**	ug/L	0.001	5	55	338	5	Standard
|	**Sb**	**121**	**0.198**	ug/L	0.009	4	285	4259	2	Standard
⌊	**Sb**	**123**	**0.199**	ug/L	0.005	2	251	3334	3	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2684126	1	Standard
⌊	**Pb**	**208**	**1.074**	ug/L	0.016	1	902	126344	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0208-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:30:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	49821	0	Standard
	Cl	**37**		ug/L			8080718	7590368	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1862376	0	Standard
|	**Cr**	**52**	**26.961**	ug/L	0.404	1	26561	878444	0	Standard
⌊	**Cr**	**53**	**26.059**	ug/L	0.196	0	708	100496	0	Standard
⌈>	**Ge**	**72**		ug/L			92056	89465	1	KED
|	**Ni**	**60**	**25.782**	ug/L	0.326	1	33	43559	0	KED
|	**Ni**	**62**	**25.626**	ug/L	0.283	1	6	7112	0	KED
|	**Cu**	**63**	**37.850**	ug/L	0.324	0	133	184725	0	KED
|	**Cu**	**65**	**38.176**	ug/L	0.517	1	63	91762	0	KED
|	**Zn**	**66**	**88.381**	ug/L	0.210	0	270	59767	0	KED
|	**Zn**	**67**	**89.250**	ug/L	1.080	1	38	9943	2	KED
⌊	**As**	**75**	**28.089**	ug/L	0.441	1	5	9130	1	KED
	Y	**89**		ug/L			916560	972003	0	Standard
	Kr	**83**		ug/L			364	346	2	Standard
⌈>	**In-1**	**115**		ug/L			29003	29570	1	KED
|	**Cd**	**111**	**23.033**	ug/L	0.679	2	5	9993	1	KED
⌊	**Cd**	**114**	**23.415**	ug/L	0.736	3	7	26329	1	KED
⌈>	**In**	**115**		ug/L			1326760	1418171	2	Standard
|	**Ag**	**107**	**27.457**	ug/L	0.640	2	55	496944	1	Standard
|	**Sb**	**121**	**0.183**	ug/L	0.003	1	285	4017	1	Standard
⌊	**Sb**	**123**	**0.183**	ug/L	0.005	2	251	3135	2	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2699675	0	Standard
⌊	**Pb**	**208**	**27.710**	ug/L	0.086	0	902	3256502	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:38:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	26279	0	Standard
	Cl	**37**		ug/L			8080718	7732123	1	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1575445	0	Standard
|	**Cr**	**52**	**-0.003**	ug/L	0.008	275	26561	25155	0	Standard
⌊	**Cr**	**53**	**0.005**	ug/L	0.010	199	708	689	4	Standard
⌈>	**Ge**	**72**		ug/L			92056	88317	1	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.005	1631	33	31	24	KED
|	**Ni**	**62**	**0.006**	ug/L	0.029	511	6	8	96	KED
|	**Cu**	**63**	**-0.005**	ug/L	0.003	52	133	104	11	KED
|	**Cu**	**65**	**-0.005**	ug/L	0.004	71	63	48	18	KED
|	**Zn**	**66**	**-0.117**	ug/L	0.041	35	270	182	15	KED
|	**Zn**	**67**	**-0.045**	ug/L	0.099	222	38	31	35	KED
⌊	**As**	**75**	**-0.001**	ug/L	0.004	464	5	4	26	KED
	Y	**89**		ug/L			916560	868164	1	Standard
	Kr	**83**		ug/L			364	345	8	Standard
⌈>	**In-1**	**115**		ug/L			29003	28315	1	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.005	131	5	4	48	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.004	393	7	6	61	KED
⌈>	**In**	**115**		ug/L			1326760	1311558	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	179	55	65	29	Standard
|	**Sb**	**121**	**-0.012**	ug/L	0.001	5	285	53	22	Standard
⌊	**Sb**	**123**	**-0.014**	ug/L	0.000	0	251	49	2	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2508464	1	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	12	902	641	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVK
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:42:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	27464	2	Standard
	Cl	**37**		ug/L			8080718	8347924	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1621373	1	Standard
|	**Cr**	**52**	**53.696**	ug/L	0.806	1	26561	1497493	1	Standard
⌊	**Cr**	**53**	**52.272**	ug/L	1.062	2	708	174786	1	Standard
⌈>	**Ge**	**72**		ug/L			92056	89148	0	KED
|	**Ni**	**60**	**44.292**	ug/L	0.674	1	33	74557	2	KED
|	**Ni**	**62**	**43.963**	ug/L	0.662	1	6	12153	1	KED
|	**Cu**	**63**	**44.840**	ug/L	0.438	0	133	218054	1	KED
|	**Cu**	**65**	**45.364**	ug/L	0.327	0	63	108655	1	KED
|	**Zn**	**66**	**44.357**	ug/L	0.314	0	270	30021	1	KED
|	**Zn**	**67**	**45.723**	ug/L	0.376	0	38	5093	1	KED
⌊	**As**	**75**	**49.406**	ug/L	0.280	0	5	15998	0	KED
	Y	**89**		ug/L			916560	924858	1	Standard
	Kr	**83**		ug/L			364	333	7	Standard
⌈>	**In-1**	**115**		ug/L			29003	28111	1	KED
|	**Cd**	**111**	**46.437**	ug/L	0.568	1	5	19152	0	KED
⌊	**Cd**	**114**	**47.261**	ug/L	0.510	1	7	50525	0	KED
⌈>	**In**	**115**		ug/L			1326760	1349517	1	Standard
|	**Ag**	**107**	**55.010**	ug/L	0.946	1	55	947612	1	Standard
|	**Sb**	**121**	**43.509**	ug/L	0.577	1	285	840972	1	Standard
⌊	**Sb**	**123**	**44.194**	ug/L	0.599	1	251	658723	1	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2688237	0	Standard
⌊	**Pb**	**208**	**50.577**	ug/L	0.461	0	902	5917594	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBK
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:49:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	28827	1	Standard
	Cl	**37**		ug/L			8080718	8169145	0	Standard
⎡>	**Sc**	**45**		ug/L			1658581	1664001	0	Standard
⎢	**Cr**	**52**	**-0.007**	ug/L	0.027	374	26561	26439	2	Standard
⎣	**Cr**	**53**	**-0.002**	ug/L	0.011	462	708	702	4	Standard
⎡>	**Ge**	**72**		ug/L			92056	91061	1	KED
⎢	**Ni**	**60**	**0.003**	ug/L	0.003	84	33	38	13	KED
⎢	**Ni**	**62**	**0.000**	ug/L	0.010	3812	6	6	41	KED
⎢	**Cu**	**63**	**-0.004**	ug/L	0.005	129	133	114	20	KED
⎢	**Cu**	**65**	**0.003**	ug/L	0.002	72	63	69	5	KED
⎢	**Zn**	**66**	**-0.072**	ug/L	0.009	12	270	218	3	KED
⎢	**Zn**	**67**	**-0.002**	ug/L	0.016	747	38	37	5	KED
⎣	**As**	**75**	**-0.000**	ug/L	0.002	660	5	5	14	KED
	Y	**89**		ug/L			916560	918444	1	Standard
	Kr	**83**		ug/L			364	323	1	Standard
⎡>	**In-1**	**115**		ug/L			29003	29127	2	KED
⎢	**Cd**	**111**	**-0.000**	ug/L	0.006	3881	5	5	44	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.003	601	7	8	46	KED
⎡>	**In**	**115**		ug/L			1326760	1376664	0	Standard
⎢	**Ag**	**107**	**0.003**	ug/L	0.001	32	55	113	16	Standard
⎢	**Sb**	**121**	**0.032**	ug/L	0.001	2	285	932	1	Standard
⎣	**Sb**	**123**	**0.031**	ug/L	0.001	3	251	737	3	Standard
⎡>	**Tb**	**159**		ug/L			2604412	2612079	1	Standard
⎣	**Pb**	**208**	**0.000**	ug/L	0.001	288	902	952	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:53:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	77067	1	Standard
	Cl	**37**		ug/L			8080718	8226796	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1828795	1	Standard
|	**Cr**	**52**	**0.161**	ug/L	0.010	6	26561	34261	0	Standard
⌊	**Cr**	**53**	**-0.002**	ug/L	0.005	189	708	772	3	Standard
⌈>	**Ge**	**72**		ug/L			92056	94396	0	KED
|	**Ni**	**60**	**0.003**	ug/L	0.005	151	33	39	21	KED
|	**Ni**	**62**	**0.004**	ug/L	0.010	266	6	8	35	KED
|	**Cu**	**63**	**0.029**	ug/L	0.006	22	133	285	11	KED
|	**Cu**	**65**	**0.037**	ug/L	0.006	16	63	158	8	KED
|	**Zn**	**66**	**-0.006**	ug/L	0.034	552	270	273	9	KED
|	**Zn**	**67**	**-0.024**	ug/L	0.050	203	38	36	15	KED
⌊	**As**	**75**	**-0.003**	ug/L	0.006	179	5	4	44	KED
	Y	**89**		ug/L			916560	1033437	0	Standard
	Kr	**83**		ug/L			364	377	6	Standard
⌈>	**In-1**	**115**		ug/L			29003	31122	1	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.006	271	5	5	57	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.003	178	7	6	65	KED
⌈>	**In**	**115**		ug/L			1326760	1584302	0	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	199	55	76	24	Standard
|	**Sb**	**121**	**0.010**	ug/L	0.001	14	285	558	5	Standard
⌊	**Sb**	**123**	**0.005**	ug/L	0.000	6	251	392	1	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2816314	1	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	9	902	613	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 10:57:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	77176	1	Standard
	Cl	**37**		ug/L			8080718	8122724	0	Standard
⌈>	**Sc**	**45**		ug/L			1658581	1841905	2	Standard
|	**Cr**	**52**	**0.166**	ug/L	0.020	12	26561	34650	0	Standard
⌊	**Cr**	**53**	**-0.005**	ug/L	0.003	67	708	769	0	Standard
⌈>	**Ge**	**72**		ug/L			92056	95636	0	KED
|	**Ni**	**60**	**-0.003**	ug/L	0.008	298	33	29	52	KED
|	**Ni**	**62**	**-0.001**	ug/L	0.004	416	6	6	15	KED
|	**Cu**	**63**	**0.030**	ug/L	0.003	9	133	293	4	KED
|	**Cu**	**65**	**0.037**	ug/L	0.005	14	63	160	8	KED
|	**Zn**	**66**	**-0.011**	ug/L	0.017	153	270	273	4	KED
|	**Zn**	**67**	**-0.050**	ug/L	0.032	64	38	33	11	KED
⌊	**As**	**75**	**-0.007**	ug/L	0.006	84	5	3	60	KED
	Y	**89**		ug/L			916560	1030394	1	Standard
	Kr	**83**		ug/L			364	370	4	Standard
⌈>	**In-1**	**115**		ug/L			29003	31618	0	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.001	46	5	5	10	KED
⌊	**Cd**	**114**	**-0.005**	ug/L	0.002	37	7	2	73	KED
⌈>	**In**	**115**		ug/L			1326760	1569413	2	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.000	76	55	71	6	Standard
|	**Sb**	**121**	**-0.004**	ug/L	0.001	19	285	237	10	Standard
⌊	**Sb**	**123**	**-0.006**	ug/L	0.001	14	251	195	5	Standard
⌈>	**Tb**	**159**		ug/L			2604412	2848943	0	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	7	902	605	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 13, 2021 11:01:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071221A.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			26613	76925	0	Standard
	Cl	**37**		ug/L			8080718	8068750	0	Standard
⎡>	**Sc**	**45**		ug/L			1658581	1825366	1	Standard
⎢	**Cr**	**52**	**0.150**	ug/L	0.030	19	26561	33852	1	Standard
⎣	**Cr**	**53**	**-0.007**	ug/L	0.010	141	708	753	3	Standard
⎡>	**Ge**	**72**		ug/L			92056	95612	1	KED
⎢	**Ni**	**60**	**-0.000**	ug/L	0.002	10056	33	34	9	KED
⎢	**Ni**	**62**	**0.005**	ug/L	0.013	238	6	8	44	KED
⎢	**Cu**	**63**	**0.030**	ug/L	0.004	13	133	295	7	KED
⎢	**Cu**	**65**	**0.034**	ug/L	0.008	22	63	153	11	KED
⎢	**Zn**	**66**	**-0.015**	ug/L	0.043	280	270	269	11	KED
⎢	**Zn**	**67**	**0.045**	ug/L	0.095	209	38	45	26	KED
⎣	**As**	**75**	**-0.005**	ug/L	0.001	31	5	3	12	KED
	Y	**89**		ug/L			916560	1014929	1	Standard
	Kr	**83**		ug/L			364	387	6	Standard
⎡>	**In-1**	**115**		ug/L			29003	31925	1	KED
⎢	**Cd**	**111**	**0.000**	ug/L	0.009	27865	5	6	69	KED
⎣	**Cd**	**114**	**-0.002**	ug/L	0.002	120	7	6	34	KED
⎡>	**In**	**115**		ug/L			1326760	1586876	1	Standard
⎢	**Ag**	**107**	**-0.001**	ug/L	0.000	54	55	53	14	Standard
⎢	**Sb**	**121**	**-0.008**	ug/L	0.000	4	285	160	5	Standard
⎣	**Sb**	**123**	**-0.009**	ug/L	0.001	5	251	136	7	Standard
⎡>	**Tb**	**159**		ug/L			2604412	2815413	2	Standard
⎣	**Pb**	**208**	**-0.003**	ug/L	0.000	12	902	566	6	Standard

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EG00050
Instrument: ICPMS1
Calibration Date: 07/15/2021 14:19

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Zinc-66	0	0	6	1010.833	10	1008.9	20	905.45	50	867.96	100	824.86
Zinc-67	0	0	6	156.6667	10	171	20	157.2	50	141.72	100	136.48

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EG00050	Instrument:	ICPMS1
Calibration Date:	07/15/2021 14:19		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Zinc-66	769.6672	49.9	0.9993		0.998	
Zinc-67	127.1778	49.9	0.9990		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 Analyst: MB Sequence: 55GΦ2ΦΦ Cal: EGΦΦΦ5Φ

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ - CAL1	J7147		
		-CAL2	J7148		
		-CAL3	J7149		
		-CAL4	J715Φ		
		-CAL5	J7119		
		-CAL6	J7151		
		-IBL1	—		
		-ICV1	J6292		
		-ICB1	J7147		
		-CCV1	J7119		
		-CCB1	J7147		
		-CRL1	J7148		
		-IFA1	J7152		Cr^{53} ↑
		-IFB1	J7153		↓
		-HCV1	J6678		
		-HCV2	J6918		
		-IBL2&3	—		
		-CCV2			
		-CCB2			
		BJGΦ337-BLK1	REN		Mn^{55} ↑ - Affected Sample OK to report per PM
		-BS1			↓
	✓	-BLK1			
	✓	-BS1			
	✓	21GΦ15Φ-Φ1		5	Missed tube.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 Analyst: MB Sequence: ——— Cal: ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21GΦ15Φ-Φ1	REN	5	
		21GΦΦ61-Φ1	↓	20	
		21GΦΦ53-Φ1	↓		
		SEQ-IBL4			
		-CCV3			
		-CCB3			
	✓	-CAL1			Cd, Cr, Cu, Ni, Pb Removed from method
		-CCV4			
		-CCB4			
		BJFΦ654-BLK3	REN		Na only
		-BS3	↓		↓
		BJFΦ655-BLK4	↓		↓
		-BS4	↓		↓
		21FΦ123-19	↓		↓
		-Φ1	↓		Mg, Na only
		BJFΦ655-DUP3	↓		↓
		-MS3	↓		↓
		-MSD3	↓		↓
		SEQ-IBL5			
		-CCV5			
		-CCB5			
		21FΦ123-11	REN	10	Mg, Mn, Na only
		-14	↓	↓	↓
		-15	↓	↓	↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MS **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-26	REN	10	Mg, Mn, Na only
		-27	↓	↓	↓
		-18	↓	↓	↓
#2 → #3		BJFΦ654-DUP	↓	↓	↓
↓		-MS	↓	↓	Mn STL ↓
↓		-MSD	↓	↓	↓
		SEQ-IBL6			
		-CCV6			
		-CCB6			
		21FΦ123-Φ2	REN	5	Mg, Mn, Na only
		-12	↓	↓	↓
		-16	↓	↓	↓
		-24	↓	↓	↓
		-10	↓	↓	Ca, Mg, Na only
		-13	↓	↓	↓
		-25	↓	↓	↓
		-28	↓	↓	↓
		-32	↓	↓	↓
		SEQ-IBL7			
		-CCV7			
		-CCB7			
REI		21FΦ123-Φ3REI	REN	10	Ca only
↓		-Φ4REI	↓	↓	↓
		-17	↓	↓	Ca, Fe, K, Mg, Mn, Na only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ123-23	REN	5	Mg, Na, Zn only
		-34	↓	↓	Ca, Mg, Mn, Na only
		-Φ5	↓	↓	Ca, Na only
		B5FΦ556-DUP3	↓	↓	↓
		-MS3	↓	↓	Ca STL
		-MSD3	↓	↓	↓
		SEQ-IBL8			Tube Empty
		-CCV8			
		-CCB8			
		21FΦ123-21	REN	2	Mg, Na only
		-Φ3	↓	↓	Ca ↑ Fe, K, Mg, Na only / Ca NR
		-Φ4	↓	↓	↓ ↓ ↓
		SEQ-IBL9			
	✓	21FΦ123-Φ6	REN		Missed Tube
		-Φ7	↓		Ca, Fe, K, Mg, Na only
		-Φ8	↓		↓
		-2Φ	↓		↓
		-36	↓		↓
		SEQ-IBLA			
		-CCV9			
		-CCB9			
	✓	-CAL1			
		-CCVA			
		-CCBA			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MS 7/15/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
#1→#2 ↓		BJFΦG19-BLK#2	REN		Ca, K, Mg, Na only ↓
		↓ -BS#2			
		21FΦ123-Φ6			Ca, Fe, K, Mg, Na only
		-37			↓
		-38			
		-39			
		-4Φ			
		-41			
		↓ -42			Ca↑ Fe, K, Mg, Na only
		SEQ-IBLB			
		-CCVB			
		↓ -CCBB			
		21FΦ123-Φ9	REN		Mg, Na only
		-22			↓
		-29			
		-3Φ			
		-31			
		-33			
		↓ -35			↓
F→G		21GΦΦ46-Φ1		5	Mn only
		BJGΦ3Φ8-DUP2		↓	↓
		↓ -MS2	↓		Mn STL ↓
		SEQ-CCVC			
		↓ -CCBC			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 7/15/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21FΦ13Φ-2Φ	REN		Al, Ca, Fe, K, Mg, Na only
		↓ -Φ5		2	Fe, Mg, Na only
		BJFΦ52Φ-DUP6			
		-MS6			
		↓ -MSD6			
		21FΦ139-Φ2		5	Al, Ca, K, Mg, Mn, Na only
		BJFΦ52Φ-DUP3			
		-MS3			Mn STL
		↓ -MSD3			
		SEQ-IBLC			
		-CCVD			
		-CCBD			
	✓	-CAL1			
		-CCVE			
		↓ -CCBE			
		BJGΦ3Φ6-BLK1	REN		Sc noisy - 2R Analytes OK
		↓ -BS1			
		21FΦ13Φ-35			Al, Ca, Fe, K, Mg, Na only
		-39			↓
		-4Φ			Ca, Fe, K, Mg, Na only
		↓ -21			Al, Ca, Fe, K, Mg, Na only
		BJFΦ617-DUP2			
		-MS2			
		↓ -MSD2			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 7/15/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLD			
		-CCVF			
		-CCBF			
		21FΦ13Φ-5Φ	REN		Al, Ca, Fe, K, Mg, Na only
		-2S			
		BJFΦ615-DUP2			
		-MS2			
		-MSD2			
		21FΦ13Φ-17			Al, Ca, K, Mg, Mn, Na, ~~+ Zn~~
		BJFΦ619-DUP2			Zn only
		-MS2			Ca, Mn %R ↓
		-MSD2			
		SEQ-IBLE			
		-CCVG			
		-CCBG			
		21FΦ397-Φ1	REN	100	Mn only
		21GΦΦ88-Φ2			Fe only
		-Φ4			
		-Φ6			
		-Φ8			
		21FΦ196-2Φ			Al, Ca, K, Mg, Mn, Na only
		BJFΦ755-DUP2			Mn diff > RPD
		-MS2			
		-MSD2			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/15/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBLF			
		-CCVH			
		-CCBH			
		ZIFΦ397-Φ5	REN	10	Mn only
		-Φ7		↓	↓
		-Φ3		50	
		-Φ2		2	Fe only
		-Φ4			
		-Φ6			
		-Φ8			
		BJGΦ3Φ6-OUP1			
		-MS1			
		SEQ-IBLG			
		-CCVI			
		-CCBI			
		Rinse/OI			
				MB 7/15/21	

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, July 15, 2021 13:06:21
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11279
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8982.3	8982.290	98.280	1.1	Standard
	In	114.9	103296.9	-1378558.882	1835.786	0.1	Standard
	U	238.1	133342.7	133342.673	3033.159	2.3	Standard
⌈	CeO	155.9	2979.3	0.020	0.000	1.1	Standard
| >	Ce	139.9	150557.3	150557.339	2705.321	1.8	Standard
⌊	Ce++	70.0	1527.1	0.010	0.000	3.5	Standard
	Bkgd	220.0	8.6	8.633	7.853	91.0	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.95	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/15/2021 1:06:13 PM
End Time: 7/15/2021 1:16:35 PM

STD Performance Check - [Failed]
Obtained Intensity (Be 9): 8982.29
Obtained Intensity (In 115): 103296.94
Obtained Intensity (U 238): 133342.67
Obtained Intensity (Bkgd 220): 8.63 - <Target not achieved>
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1527.15 / 150557.34)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2979.31 / 150557.34)

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.21 mm	-1.14 mm	114626.03

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.95
Obtained Intensity (In 115): 121735.48
Obtained Formula (CeO 156 / Ce 140): 0.0221 (=3705.48 / 167669.21)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.714)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.725)
Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.713)
Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.695)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.980; Intercept = -13.15

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -12.84

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/15/2021 1:06:13 PM

STD Performance Check
        Optimization Settings:
                Method: STD Performance Check.mth.
                Intensity Criterion: Be 9 > 2000
                Intensity Criterion: In 115 > 40000
                Intensity Criterion: U 238 > 30000
                Intensity Criterion: Bkgd 220 <= 1
                Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
                Formula Criterion: CeO 156 / Ce 140 <= 0.025

        Optimization Results:
        Initial Try
                Obtained Intensity (Be 9): 8982.29
                Obtained Intensity (In 115): 103296.94
                Obtained Intensity (U 238): 133342.67
                Obtained Intensity (Bkgd 220): 8.63 - <Target not achieved>
                Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1527.15 / 150557.34)
                Obtained Formula (CeO 156 / Ce 140): 0.020 (=2979.31 / 150557.34)

                [Failed]
[Failed]

Torch Alignment
        Optimization Settings:
                Method: Torch Alignment.mth.
                Intensity Criterion: In 115 Maximum

        Optimization Results:
                Vertical      Horizontal      Intensity
[Passed]        2.21 mm     -1.14 mm       114626.03

Nebulizer Gas Flow STD/KED [NEB]
        Optimization Settings:
                Method: Optimize.mth.
                        Initial Try - Start/End/Step: 0.9/1/0.01.
                Intensity Criterion: In 115 Maximum
                Formula Criterion: CeO 156 / Ce 140 <= 0.023

        Optimization Results:
        Initial Try

                Obtained Intensity (In 115): 121735.48
                Obtained Formula (CeO 156 / Ce 140): 0.0221 (=3705.48 / 167669.21)
[Passed]  Optimum value(s): 0.95

Mass Calibration and Resolution
        Optimization Settings:
                Method: Tuning.mth.
                MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
                Iterations: 6
```

```
                Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
                Peak height (%) for Res. Opt.: 10

        Optimization Results:
        Initial Try
                Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.714)
                Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.725)
                Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.713)
                Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.695)
[Passed]  Optimum value(s): N/A

QID STD/DRC
        Optimization Settings:
                Method: QID Calibration.mth.
                        Initial Try - Start/End/Step: -20/0/0.5.

        Optimization Results:
        Initial Try

  Optimum value(s): Correlation Coefficient = 0.980; Intercept = -13.15

        Analyte      Mass    Points       DAC   MaxIntensity

             Li         7        41       -13        34465.5
             Mg        24        41       -13        54218.7
             In       115        41       -11         127793
             Ce       140        41       -11         166679
             Pb       208        41      -9.5        82187.7
              U       238        41       -10         143182

KED Mode QID
        Optimization Settings:
                Method: QID Calibration.mth.
                        Initial Try - Start/End/Step: -20/0/0.5.

        Optimization Results:
        Initial Try

  Optimum value(s): Correlation Coefficient = 0.999; Intercept = -12.84

        Analyte      Mass    Points       DAC   MaxIntensity

             Li         7        41       -13          23303
             Mg        24        41       -13        52199.2
             In       115        41     -10.5         123040
             Ce       140        41       -10         112687
             Pb       208        41       -10        48578.5
              U       238        41      -9.5        98417.8

End Time: 7/15/2021 1:16:35 PM
```

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/15/2021 1:26:51 PM
End Time: 7/15/2021 1:27:57 PM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.994; Intercept = -13.49

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/15/2021 1:26:51 PM

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.994; Intercept = -13.49

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	34589.8
Mg	24	41	-13.5	52873.7
In	115	41	-11	125957
Ce	140	41	-11	167274
Pb	208	41	-10.5	83507.4
U	238	41	-10	152425

End Time: 7/15/2021 1:27:57 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/15/2021 1:28:06 PM
End Time: 7/15/2021 1:30:12 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 9475.61
Obtained Intensity (In 115): 116569.04
Obtained Intensity (U 238): 150160.31
Obtained Intensity (Bkgd 220): 1.07
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1533.48 / 160545.20)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=3316.05 / 160545.20)
Obtained RSD (Be 9): 0.0115
Obtained RSD (In 115): 0.0111
Obtained RSD (U 238): 0.0089

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/15/2021 1:28:06 PM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 9475.61
		Obtained Intensity (In 115): 116569.04
		Obtained Intensity (U 238): 150160.31
		Obtained Intensity (Bkgd 220): 1.07
		Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=1533.48 / 160545.20)
		Obtained Formula (CeO 156 / Ce 140): 0.021 (=3316.05 / 160545.20)
		Obtained RSD (Be 9): 0.0115
		Obtained RSD (In 115): 0.0111
		Obtained RSD (U 238): 0.0089

[Passed] Optimum value(s): N/A

End Time: 7/15/2021 1:30:12 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Thursday, July 15, 2021 13:28:07
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11290
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9475.6	9475.609	109.205	1.2	Standard
	In	114.9	116569.0	116569.039	1289.582	1.1	Standard
	U	238.1	150160.3	150160.307	1330.658	0.9	Standard
⌈	CeO	155.9	3316.1	0.021	0.000	1.6	Standard
| >	Ce	139.9	160545.2	160545.204	1490.484	0.9	Standard
⌊	Ce++	70.0	1533.5	0.010	0.000	1.7	Standard
	Bkgd	220.0	1.1	1.067	0.805	75.4	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.95	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:19:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				35757	1	Standard
	Cl	**37**		ug/L				7252120	0	Standard
⌈>	**Sc**	**45**		ug/L				1742374	0	Standard
|	**Na**	**23**		ug/L				50260	1	Standard
|	**Mg**	**24**		ug/L				3488	2	Standard
|	**Al**	**27**		ug/L				8890	1	Standard
|	**K**	**39**		ug/L				350271	0	Standard
|	**Ca**	**44**		ug/L				16834	0	Standard
|	**Cr**	**52**		ug/L				28003	0	Standard
|	**Cr**	**53**		ug/L				372	3	Standard
|	**Fe**	**54**		ug/L				83366	0	Standard
|	**Fe**	**57**		ug/L				25333	0	Standard
⌊	**Mn**	**55**		ug/L				1266	3	Standard
⌈>	**Ge**	**72**		ug/L				116200	1	KED
|	**Ni**	**60**		ug/L				31	18	KED
|	**Ni**	**62**		ug/L				7	50	KED
|	**Cu**	**63**		ug/L				140	15	KED
|	**Cu**	**65**		ug/L				73	12	KED
|	**Zn**	**66**		ug/L				255	9	KED
⌊	**Zn**	**67**		ug/L				37	25	KED
	Y	**89**		ug/L				881699	0	Standard
	Kr	**83**		ug/L				348	3	Standard
⌈>	**In-1**	**115**		ug/L				37498	2	KED
|	**Cd**	**111**		ug/L				4	81	KED
⌊	**Cd**	**114**		ug/L				4	63	KED
⌈>	**Tb**	**159**		ug/L				2983616	1	Standard
⌊	**Pb**	**208**		ug/L				547	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:23:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	38962	0	Standard
	Cl	**37**		ug/L			7252120	7272682	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1766641	0	Standard
|	**Na**	**23**	**100.000**	ug/L	0.585	0	50260	2101212	0	Standard
|	**Mg**	**24**	**20.000**	ug/L	0.114	0	3488	652983	0	Standard
|	**Al**	**27**	**20.000**	ug/L	0.208	1	8890	596117	0	Standard
|	**K**	**39**	**20.000**	ug/L	0.106	0	350271	552849	0	Standard
|	**Ca**	**44**	**50.000**	ug/L	0.616	1	16834	94601	1	Standard
|	**Cr**	**52**	**0.500**	ug/L	0.006	1	28003	44665	0	Standard
|	**Cr**	**53**	**0.500**	ug/L	0.013	2	372	2343	1	Standard
|	**Fe**	**54**	**36.000**	ug/L	0.344	0	83366	174824	0	Standard
|	**Fe**	**57**	**36.000**	ug/L	0.478	1	25333	60691	0	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.007	1	1266	27894	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	122586	1	KED
|	**Ni**	**60**	**0.500**	ug/L	0.031	6	31	1008	4	KED
|	**Ni**	**62**	**0.500**	ug/L	0.074	14	7	172	15	KED
|	**Cu**	**63**	**0.500**	ug/L	0.019	3	140	3158	2	KED
|	**Cu**	**65**	**0.500**	ug/L	0.023	4	73	1537	4	KED
|	**Zn**	**66**	**6.000**	ug/L	0.202	3	255	6065	1	KED
⌊	**Zn**	**67**	**6.000**	ug/L	0.449	7	37	940	7	KED
	Y	**89**		ug/L			881699	896578	0	Standard
	Kr	**83**		ug/L			348	358	2	Standard
⌈>	**In-1**	**115**		ug/L			37498	37089	2	KED
|	**Cd**	**111**	**0.100**	ug/L	0.006	5	4	62	6	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.011	10	4	140	8	KED
⌈>	**Tb**	**159**		ug/L			2983616	2981838	0	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.002	1	547	18733	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:27:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	46239	0	Standard
	Cl	**37**		ug/L			7252120	7422872	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1796783	0	Standard
|	**Na**	**23**	**999.866**	ug/L	5.592	0	50260	20625246	0	Standard
|	**Mg**	**24**	**999.950**	ug/L	7.582	0	3488	29376689	0	Standard
|	**Al**	**27**	**999.947**	ug/L	26.742	2	8890	26376165	2	Standard
|	**K**	**39**	**999.959**	ug/L	17.055	1	350271	9472473	1	Standard
|	**Ca**	**44**	**1000.073**	ug/L	10.936	1	16834	1642039	1	Standard
|	**Cr**	**52**	**10.001**	ug/L	0.092	0	28003	376794	1	Standard
|	**Cr**	**53**	**10.001**	ug/L	0.060	0	372	41277	0	Standard
|	**Fe**	**54**	**999.881**	ug/L	17.048	1	83366	2422341	0	Standard
|	**Fe**	**57**	**1000.018**	ug/L	15.467	1	25333	1028977	0	Standard
⌊	**Mn**	**55**	**10.000**	ug/L	0.117	1	1266	536579	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	124498	0	KED
|	**Ni**	**60**	**10.001**	ug/L	0.140	1	31	20751	1	KED
|	**Ni**	**62**	**10.000**	ug/L	0.407	4	7	3369	3	KED
|	**Cu**	**63**	**10.000**	ug/L	0.072	0	140	60850	0	KED
|	**Cu**	**65**	**10.000**	ug/L	0.276	2	73	29736	3	KED
|	**Zn**	**66**	**10.000**	ug/L	0.145	1	255	10089	2	KED
⌊	**Zn**	**67**	**10.234**	ug/L	0.190	1	37	1710	2	KED
	Y	**89**		ug/L			881699	905362	0	Standard
	Kr	**83**		ug/L			348	366	6	Standard
⌈>	**In-1**	**115**		ug/L			37498	37040	1	KED
|	**Cd**	**111**	**10.000**	ug/L	0.178	1	4	5361	1	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.136	1	4	13558	1	KED
⌈>	**Tb**	**159**		ug/L			2983616	3063531	1	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.127	1	547	1255618	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:32:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	46343	1	Standard
	Cl	**37**		ug/L			7252120	7654913	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1788542	0	Standard
|	**Na**	**23**	**1999.670**	ug/L	27.346	1	50260	40984692	1	Standard
|	**Mg**	**24**	**2001.870**	ug/L	33.487	1	3488	58761090	1	Standard
|	**Al**	**27**	**2007.437**	ug/L	26.498	1	8890	53493354	0	Standard
|	**K**	**39**	**1992.979**	ug/L	15.453	0	350271	18185054	0	Standard
|	**Ca**	**44**	**1950.039**	ug/L	12.653	0	16834	2884642	0	Standard
|	**Cr**	**52**	**19.986**	ug/L	0.214	1	28003	718941	0	Standard
|	**Cr**	**53**	**20.002**	ug/L	0.381	1	372	81830	1	Standard
|	**Fe**	**54**	**1994.084**	ug/L	33.379	1	83366	4669686	1	Standard
|	**Fe**	**57**	**1977.452**	ug/L	31.897	1	25333	1914960	1	Standard
⌊	**Mn**	**55**	**20.006**	ug/L	0.196	0	1266	1068436	0	Standard
⌈>	**Ge**	**72**		ug/L			116200	122675	1	KED
|	**Ni**	**60**	**19.981**	ug/L	0.353	1	31	40663	1	KED
|	**Ni**	**62**	**20.003**	ug/L	0.371	1	7	6639	2	KED
|	**Cu**	**63**	**20.070**	ug/L	0.123	0	140	121902	1	KED
|	**Cu**	**65**	**20.129**	ug/L	0.137	0	73	60449	1	KED
|	**Zn**	**66**	**19.582**	ug/L	0.396	2	255	18109	0	KED
⌊	**Zn**	**67**	**19.821**	ug/L	0.602	3	37	3144	1	KED
	Y	**89**		ug/L			881699	902554	0	Standard
	Kr	**83**		ug/L			348	337	8	Standard
⌈>	**In-1**	**115**		ug/L			37498	37063	0	KED
|	**Cd**	**111**	**19.936**	ug/L	0.343	1	4	10555	1	KED
⌊	**Cd**	**114**	**19.970**	ug/L	0.185	0	4	26930	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	3048136	0	Standard
⌊	**Pb**	**208**	**19.999**	ug/L	0.438	2	547	2497564	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:36:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	37073	1	Standard
	Cl	**37**		ug/L			7252120	7598079	2	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1761496	0	Standard
|	**Na**	**23**	**4992.119**	ug/L	59.524	1	50260	99904685	1	Standard
|	**Mg**	**24**	**4984.294**	ug/L	62.589	1	3488	141851823	0	Standard
|	**Al**	**27**	**4992.871**	ug/L	40.937	0	8890	130105437	1	Standard
|	**K**	**39**	**5005.812**	ug/L	16.226	0	350271	44709282	0	Standard
|	**Ca**	**44**	**4971.190**	ug/L	45.424	0	16834	7014835	1	Standard
|	**Cr**	**52**	**49.943**	ug/L	0.483	0	28003	1717298	0	Standard
|	**Cr**	**53**	**49.967**	ug/L	0.627	1	372	200119	0	Standard
|	**Fe**	**54**	**4991.001**	ug/L	29.044	0	83366	11284014	0	Standard
|	**Fe**	**57**	**4962.423**	ug/L	35.464	0	25333	4525450	0	Standard
⌊	**Mn**	**55**	**49.093**	ug/L	0.567	1	1266	2366225	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	119514	0	KED
|	**Ni**	**60**	**49.947**	ug/L	0.325	0	31	98465	0	KED
|	**Ni**	**62**	**49.944**	ug/L	0.201	0	7	16047	0	KED
|	**Cu**	**63**	**49.649**	ug/L	0.170	0	140	283626	0	KED
|	**Cu**	**65**	**49.735**	ug/L	0.205	0	73	141650	0	KED
|	**Zn**	**66**	**49.746**	ug/L	1.161	2	255	43398	2	KED
⌊	**Zn**	**67**	**49.278**	ug/L	1.023	2	37	7086	1	KED
	Y	**89**		ug/L			881699	883239	0	Standard
	Kr	**83**		ug/L			348	364	4	Standard
⌈>	**In-1**	**115**		ug/L			37498	35929	1	KED
|	**Cd**	**111**	**49.937**	ug/L	0.821	1	4	25461	0	KED
⌊	**Cd**	**114**	**50.015**	ug/L	0.721	1	4	65468	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	3027445	0	Standard
⌊	**Pb**	**208**	**49.609**	ug/L	0.133	0	547	5921562	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:42:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	42553	0	Standard
	Cl	**37**		ug/L			7252120	7444251	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1710705	0	Standard
|	**Na**	**23**	**10056.470**	ug/L	118.855	1	50260	199136909	0	Standard
|	**Mg**	**24**	**10006.939**	ug/L	94.114	0	3488	277230319	1	Standard
|	**Al**	**27**	**10034.782**	ug/L	217.280	2	8890	256885245	1	Standard
|	**K**	**39**	**10054.207**	ug/L	106.101	1	350271	88454494	1	Standard
|	**Ca**	**44**	**10016.174**	ug/L	192.425	1	16834	13782719	1	Standard
|	**Cr**	**52**	**97.982**	ug/L	1.167	1	28003	3042778	1	Standard
|	**Cr**	**53**	**100.277**	ug/L	0.599	0	372	393281	0	Standard
|	**Fe**	**54**	**9996.951**	ug/L	150.015	1	83366	21844336	0	Standard
|	**Fe**	**57**	**10022.341**	ug/L	180.481	1	25333	8918060	2	Standard
⌊	**Mn**	**55**	**99.480**	ug/L	1.899	1	1266	4575489	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	116046	0	KED
|	**Ni**	**60**	**100.285**	ug/L	0.420	0	31	193767	0	KED
|	**Ni**	**62**	**100.193**	ug/L	0.583	0	7	31452	0	KED
|	**Cu**	**63**	**99.946**	ug/L	1.393	1	140	553224	1	KED
|	**Cu**	**65**	**99.688**	ug/L	0.472	0	73	272771	0	KED
|	**Zn**	**66**	**99.446**	ug/L	0.101	0	255	82486	0	KED
⌊	**Zn**	**67**	**99.529**	ug/L	1.307	1	37	13648	0	KED
	Y	**89**		ug/L			881699	866237	0	Standard
	Kr	**83**		ug/L			348	363	2	Standard
⌈>	**In-1**	**115**		ug/L			37498	34817	1	KED
|	**Cd**	**111**	**99.872**	ug/L	1.368	1	4	49134	0	KED
⌊	**Cd**	**114**	**99.743**	ug/L	1.027	1	4	125450	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	2942905	1	Standard
⌊	**Pb**	**208**	**99.527**	ug/L	0.926	0	547	11367728	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:49:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	34864	1	Standard
	Cl	**37**		ug/L			7252120	7285440	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1715714	0	Standard
|	**Na**	**23**	**0.714**	ug/L	0.019	2	50260	63661	0	Standard
|	**Mg**	**24**	**0.083**	ug/L	0.002	2	3488	5755	1	Standard
|	**Al**	**27**	**-0.069**	ug/L	0.009	12	8890	6989	2	Standard
|	**K**	**39**	**2.017**	ug/L	0.349	17	350271	362624	0	Standard
|	**Ca**	**44**	**0.083**	ug/L	0.093	112	16834	16690	0	Standard
|	**Cr**	**52**	**-0.013**	ug/L	0.010	71	28003	27162	1	Standard
|	**Cr**	**53**	**0.003**	ug/L	0.009	275	372	379	9	Standard
|	**Fe**	**54**	**0.143**	ug/L	0.268	186	83366	82403	0	Standard
|	**Fe**	**57**	**-4.236**	ug/L	0.159	3	25333	21176	0	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	64	1266	1337	3	Standard
⌈>	**Ge**	**72**		ug/L			116200	118587	1	KED
|	**Ni**	**60**	**0.002**	ug/L	0.002	84	31	36	9	KED
|	**Ni**	**62**	**0.007**	ug/L	0.009	126	7	10	28	KED
|	**Cu**	**63**	**-0.002**	ug/L	0.003	146	140	132	11	KED
|	**Cu**	**65**	**-0.005**	ug/L	0.006	123	73	60	29	KED
|	**Zn**	**66**	**-0.029**	ug/L	0.025	84	255	235	8	KED
⌊	**Zn**	**67**	**0.003**	ug/L	0.025	735	37	38	10	KED
	Y	**89**		ug/L			881699	856267	2	Standard
	Kr	**83**		ug/L			348	356	13	Standard
⌈>	**In-1**	**115**		ug/L			37498	35851	1	KED
|	**Cd**	**111**	**0.000**	ug/L	0.005	1088	4	4	53	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.005	92	4	11	61	KED
⌈>	**Tb**	**159**		ug/L			2983616	2898583	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	15	547	657	3	Standard

Sample Information

Sample Date/Time: Thursday, July 15, 2021 14:42:55
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Na	23	**0.9999**	0.012	100.00	1000	2000	5000	10000
Mg	24	**1.0000**	0.016	20.00	1000	2000	5000	10000
Al	27	**1.0000**	0.015	20.00	1000	2000	5000	10000
K	39	**0.9999**	0.005	20.00	1000	2000	5000	10000
Ca	44	**0.9999**	0.001	50.00	1000	2000	5000	10000
Cr	52	**0.9993**	0.018	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Fe	54	**1.0000**	0.001	36.00	1000	2000	5000	10000
Fe	57	**0.9999**	0.001	36.00	1000	2000	5000	10000
Mn	55	**0.9998**	0.027	0.50	10	20	50	100
Ge	72							
Ni	60	**1.0000**	0.017	0.50	10	20	50	100
Ni	62	**1.0000**	0.003	0.50	10	20	50	100
Cu	63	**1.0000**	0.048	0.50	10	20	50	100
Cu	65	**1.0000**	0.024	0.50	10	20	50	100
Zn	66	**0.9999**	0.007	6.00	10	20	50	100
Zn	67	**0.9998**	0.001	6.00	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Cd	111	**1.0000**	0.014	0.10	10	20	50	100
Cd	114	**1.0000**	0.036	0.10	10	20	50	100
Tb	159							
Pb	208	**0.9999**	0.039	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 14:59:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	38435	2	Standard
	Cl	**37**		ug/L			7252120	7329146	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1740065	1	Standard
|	**Na**	**23**	**4726.015**	ug/L	68.948	1	50260	95207008	0	Standard
|	**Mg**	**24**	**4880.415**	ug/L	98.647	2	3488	137499187	0	Standard
|	**Al**	**27**	**4829.592**	ug/L	107.472	2	8890	125746400	0	Standard
|	**K**	**39**	**4741.490**	ug/L	80.702	1	350271	42608077	0	Standard
|	**Ca**	**44**	**4765.503**	ug/L	78.718	1	16834	6678437	0	Standard
|	**Cr**	**52**	**52.247**	ug/L	1.573	3	28003	1662937	1	Standard
|	**Cr**	**53**	**48.483**	ug/L	0.697	1	372	193584	0	Standard
|	**Fe**	**54**	**4849.365**	ug/L	86.623	1	83366	10820679	1	Standard
|	**Fe**	**57**	**4856.288**	ug/L	53.753	1	25333	4407483	0	Standard
⌊	**Mn**	**55**	**48.681**	ug/L	1.429	2	1266	2277658	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	115448	1	KED
|	**Ni**	**60**	**50.136**	ug/L	0.676	1	31	96376	0	KED
|	**Ni**	**62**	**50.776**	ug/L	0.789	1	7	15858	0	KED
|	**Cu**	**63**	**49.976**	ug/L	0.419	0	140	275266	1	KED
|	**Cu**	**65**	**50.013**	ug/L	1.162	2	73	136146	0	KED
|	**Zn**	**66**	**48.685**	ug/L	1.012	2	255	40306	2	KED
⌊	**Zn**	**67**	**48.601**	ug/L	0.983	2	37	6649	2	KED
	Y	**89**		ug/L			881699	874653	1	Standard
	Kr	**83**		ug/L			348	367	3	Standard
⌈>	**In-1**	**115**		ug/L			37498	36272	0	KED
|	**Cd**	**111**	**48.155**	ug/L	0.119	0	4	24686	0	KED
⌊	**Cd**	**114**	**48.295**	ug/L	0.522	1	4	63285	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	2968599	1	Standard
⌊	**Pb**	**208**	**49.458**	ug/L	0.739	1	547	5698314	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:06:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	33693	1	Standard
	Cl	**37**		ug/L			7252120	7267172	2	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1714021	0	Standard
|	**Na**	**23**	**0.213**	ug/L	0.028	12	50260	53668	1	Standard
|	**Mg**	**24**	**0.088**	ug/L	0.012	13	3488	5874	5	Standard
|	**Al**	**27**	**-0.085**	ug/L	0.011	12	8890	6558	4	Standard
|	**K**	**39**	**1.437**	ug/L	0.315	21	350271	357177	0	Standard
|	**Ca**	**44**	**-1.157**	ug/L	0.143	12	16834	14968	1	Standard
|	**Cr**	**52**	**-0.019**	ug/L	0.004	19	28003	26965	0	Standard
|	**Cr**	**53**	**-0.009**	ug/L	0.008	89	372	329	9	Standard
|	**Fe**	**54**	**-0.143**	ug/L	0.146	101	83366	81697	0	Standard
|	**Fe**	**57**	**-3.995**	ug/L	0.681	17	25333	21367	2	Standard
⌊	**Mn**	**55**	**0.019**	ug/L	0.001	7	1266	2120	2	Standard
⌈>	**Ge**	**72**		ug/L			116200	118511	0	KED
|	**Ni**	**60**	**0.035**	ug/L	0.010	28	31	100	19	KED
|	**Ni**	**62**	**0.057**	ug/L	0.015	25	7	26	18	KED
|	**Cu**	**63**	**0.000**	ug/L	0.001	2403	140	144	6	KED
|	**Cu**	**65**	**-0.005**	ug/L	0.005	94	73	60	21	KED
|	**Zn**	**66**	**-0.007**	ug/L	0.022	323	255	254	7	KED
⌊	**Zn**	**67**	**0.013**	ug/L	0.048	371	37	40	16	KED
	Y	**89**		ug/L			881699	874197	0	Standard
	Kr	**83**		ug/L			348	361	6	Standard
⌈>	**In-1**	**115**		ug/L			37498	35555	0	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.001	33	4	2	21	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	171	4	4	25	KED
⌈>	**Tb**	**159**		ug/L			2983616	2914648	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	14	547	638	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:11:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	35964	0	Standard
	Cl	**37**		ug/L			7252120	7482276	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1725100	1	Standard
|	**Na**	**23**	**4957.457**	ug/L	72.471	1	50260	99008129	0	Standard
|	**Mg**	**24**	**4937.040**	ug/L	180.557	3	3488	137869036	2	Standard
|	**Al**	**27**	**4922.036**	ug/L	68.705	1	8890	127077976	2	Standard
|	**K**	**39**	**4933.583**	ug/L	127.063	2	350271	43932948	0	Standard
|	**Ca**	**44**	**4961.627**	ug/L	16.118	0	16834	6893904	2	Standard
|	**Cr**	**52**	**53.376**	ug/L	0.666	1	28003	1683953	0	Standard
|	**Cr**	**53**	**49.356**	ug/L	1.369	2	372	195329	1	Standard
|	**Fe**	**54**	**5002.090**	ug/L	114.631	2	83366	11061237	0	Standard
|	**Fe**	**57**	**4923.228**	ug/L	87.111	1	25333	4429302	1	Standard
⌊	**Mn**	**55**	**50.440**	ug/L	0.970	1	1266	2339770	0	Standard
⌈>	**Ge**	**72**		ug/L			116200	117633	0	KED
|	**Ni**	**60**	**49.271**	ug/L	0.279	0	31	96521	1	KED
|	**Ni**	**62**	**49.898**	ug/L	0.245	0	7	15881	0	KED
|	**Cu**	**63**	**50.206**	ug/L	0.255	0	140	281775	0	KED
|	**Cu**	**65**	**49.229**	ug/L	0.387	0	73	136579	0	KED
|	**Zn**	**66**	**50.522**	ug/L	0.554	1	255	42608	1	KED
⌊	**Zn**	**67**	**50.463**	ug/L	0.212	0	37	7033	0	KED
	Y	**89**		ug/L			881699	875523	0	Standard
	Kr	**83**		ug/L			348	363	5	Standard
⌈>	**In-1**	**115**		ug/L			37498	35557	1	KED
|	**Cd**	**111**	**49.310**	ug/L	1.545	3	4	24773	1	KED
⌊	**Cd**	**114**	**49.228**	ug/L	1.319	2	4	63228	2	KED
⌈>	**Tb**	**159**		ug/L			2983616	2953419	1	Standard
⌊	**Pb**	**208**	**49.559**	ug/L	0.450	0	547	5680954	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:18:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	33902	1	Standard
	Cl	**37**		ug/L			7252120	7330372	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1696887	1	Standard
|	**Na**	**23**	**0.210**	ug/L	0.135	64	50260	53089	6	Standard
|	**Mg**	**24**	**0.174**	ug/L	0.146	83	3488	8215	50	Standard
|	**Al**	**27**	**-0.008**	ug/L	0.159	2026	8890	8492	49	Standard
|	**K**	**39**	**2.022**	ug/L	0.089	4	350271	358698	1	Standard
|	**Ca**	**44**	**-1.564**	ug/L	0.083	5	16834	14262	0	Standard
|	**Cr**	**52**	**-0.014**	ug/L	0.023	167	28003	26851	1	Standard
|	**Cr**	**53**	**-0.010**	ug/L	0.002	18	372	323	1	Standard
|	**Fe**	**54**	**0.505**	ug/L	0.445	88	83366	82279	1	Standard
|	**Fe**	**57**	**-4.328**	ug/L	0.242	5	25333	20863	1	Standard
⌊	**Mn**	**55**	**0.014**	ug/L	0.002	15	1266	1869	6	Standard
⌈>	**Ge**	**72**		ug/L			116200	118445	1	KED
|	**Ni**	**60**	**0.047**	ug/L	0.013	26	31	124	19	KED
|	**Ni**	**62**	**0.033**	ug/L	0.004	10	7	18	5	KED
|	**Cu**	**63**	**-0.003**	ug/L	0.003	115	140	128	13	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.002	39	73	63	7	KED
|	**Zn**	**66**	**0.002**	ug/L	0.033	1798	255	261	9	KED
⌊	**Zn**	**67**	**0.049**	ug/L	0.032	65	37	45	10	KED
	Y	**89**		ug/L			881699	858961	0	Standard
	Kr	**83**		ug/L			348	316	14	Standard
⌈>	**In-1**	**115**		ug/L			37498	35942	1	KED
|	**Cd**	**111**	**0.001**	ug/L	0.005	501	4	4	52	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	112	4	6	45	KED
⌈>	**Tb**	**159**		ug/L			2983616	2898814	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.002	87	547	747	24	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:23:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	38345	0	Standard
	Cl	**37**		ug/L			7252120	7308150	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1717202	1	Standard
|	**Na**	**23**	**98.946**	ug/L	0.974	0	50260	2015757	1	Standard
|	**Mg**	**24**	**22.589**	ug/L	0.704	3	3488	631403	1	Standard
|	**Al**	**27**	**21.769**	ug/L	0.280	1	8890	568141	1	Standard
|	**K**	**39**	**22.516**	ug/L	0.971	4	350271	543187	0	Standard
|	**Ca**	**44**	**53.410**	ug/L	2.634	4	16834	90247	2	Standard
|	**Cr**	**52**	**0.530**	ug/L	0.002	0	28003	43982	1	Standard
|	**Cr**	**53**	**0.473**	ug/L	0.015	3	372	2225	1	Standard
|	**Fe**	**54**	**40.271**	ug/L	2.345	5	83366	170118	1	Standard
|	**Fe**	**57**	**33.662**	ug/L	0.851	2	25333	54941	0	Standard
⌊	**Mn**	**55**	**0.546**	ug/L	0.021	3	1266	26440	2	Standard
⌈>	**Ge**	**72**		ug/L			116200	117697	1	KED
|	**Ni**	**60**	**0.528**	ug/L	0.014	2	31	1066	2	KED
|	**Ni**	**62**	**0.518**	ug/L	0.081	15	7	172	16	KED
|	**Cu**	**63**	**0.488**	ug/L	0.010	2	140	2882	0	KED
|	**Cu**	**65**	**0.499**	ug/L	0.016	3	73	1459	2	KED
|	**Zn**	**66**	**5.920**	ug/L	0.204	3	255	5221	1	KED
⌊	**Zn**	**67**	**5.683**	ug/L	0.248	4	37	826	3	KED
	Y	**89**		ug/L			881699	877948	0	Standard
	Kr	**83**		ug/L			348	326	5	Standard
⌈>	**In-1**	**115**		ug/L			37498	35478	1	KED
|	**Cd**	**111**	**0.105**	ug/L	0.018	16	4	56	14	KED
⌊	**Cd**	**114**	**0.087**	ug/L	0.010	11	4	115	9	KED
⌈>	**Tb**	**159**		ug/L			2983616	2910622	1	Standard
⌊	**Pb**	**208**	**0.105**	ug/L	0.002	2	547	12389	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:29:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	184057	0	Standard
	Cl	37		ug/L			7252120	14028469	0	Standard
>	Sc	45		ug/L			1742374	1726949	0	Standard
	Na	23	19961.648	ug/L	286.009	1	50260	399023046	1	Standard
	Mg	24	20205.032	ug/L	183.099	0	3488	565054299	0	Standard
	Al	27	19358.485	ug/L	197.262	1	8890	500332324	1	Standard
	K	39	20015.009	ug/L	168.713	0	350271	177419047	1	Standard
	Ca	44	19440.687	ug/L	496.716	2	16834	26990300	2	Standard
	Cr	52	0.529	ug/L	0.024	4	28003	44179	1	Standard
	Cr	53	9.104	ug/L	0.072	0	372	36382	0	Standard
	Fe	54	19400.103	ug/L	113.159	0	83366	42720677	1	Standard
	Fe	57	19206.805	ug/L	76.480	0	25333	17228252	0	Standard
	Mn	55	0.083	ug/L	0.005	5	1266	5085	3	Standard
>	Ge	72		ug/L			116200	113471	0	KED
	Ni	60	0.070	ug/L	0.005	6	31	163	5	KED
	Ni	62	0.170	ug/L	0.009	5	7	59	4	KED
	Cu	63	0.047	ug/L	0.003	6	140	389	4	KED
	Cu	65	0.051	ug/L	0.010	18	73	206	11	KED
	Zn	66	0.201	ug/L	0.015	7	255	412	3	KED
	Zn	67	0.235	ug/L	0.049	20	37	67	9	KED
	Y	89		ug/L			881699	814200	1	Standard
	Kr	83		ug/L			348	471	6	Standard
>	In-1	115		ug/L			37498	34163	0	KED
	Cd	111	0.107	ug/L	0.022	20	4	55	19	KED
	Cd	114	0.060	ug/L	0.001	1	4	78	1	KED
>	Tb	159		ug/L			2983616	3033495	0	Standard
	Pb	208	0.019	ug/L	0.001	3	547	2828	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:33:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	186593	0	Standard
	Cl	**37**		ug/L			7252120	13638066	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1693996	1	Standard
|	**Na**	**23**	**19714.052**	ug/L	192.910	0	50260	386530853	1	Standard
|	**Mg**	**24**	**20618.874**	ug/L	83.798	0	3488	565651015	1	Standard
|	**Al**	**27**	**19251.547**	ug/L	363.560	1	8890	488049941	2	Standard
|	**K**	**39**	**19807.040**	ug/L	275.529	1	350271	172206466	0	Standard
|	**Ca**	**44**	**19847.837**	ug/L	161.931	0	16834	27029059	0	Standard
|	**Cr**	**52**	**21.432**	ug/L	0.364	1	28003	680262	0	Standard
|	**Cr**	**53**	**28.409**	ug/L	0.605	2	372	110577	1	Standard
|	**Fe**	**54**	**19434.872**	ug/L	186.166	0	83366	41978791	1	Standard
|	**Fe**	**57**	**19333.759**	ug/L	157.677	0	25333	17011791	1	Standard
⌊	**Mn**	**55**	**21.880**	ug/L	0.506	2	1266	997433	1	Standard
⌈>	**Ge**	**72**		ug/L			116200	112628	0	KED
|	**Ni**	**60**	**20.365**	ug/L	0.176	0	31	38213	1	KED
|	**Ni**	**62**	**19.883**	ug/L	0.343	1	7	6063	1	KED
|	**Cu**	**63**	**19.993**	ug/L	0.345	1	140	107509	1	KED
|	**Cu**	**65**	**20.100**	ug/L	0.145	0	73	53434	0	KED
|	**Zn**	**66**	**21.877**	ug/L	0.092	0	255	17804	1	KED
⌊	**Zn**	**67**	**19.669**	ug/L	0.353	1	37	2647	2	KED
	Y	**89**		ug/L			881699	793911	1	Standard
	Kr	**83**		ug/L			348	424	6	Standard
⌈>	**In-1**	**115**		ug/L			37498	32938	1	KED
|	**Cd**	**111**	**21.003**	ug/L	0.504	2	4	9776	0	KED
⌊	**Cd**	**114**	**21.216**	ug/L	0.389	1	4	25245	1	KED
⌈>	**Tb**	**159**		ug/L			2983616	3032302	0	Standard
⌊	**Pb**	**208**	**0.025**	ug/L	0.000	0	547	3519	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:37:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	48834	2	Standard
	Cl	**37**		ug/L			7252120	7169018	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1645041	0	Standard
|	**Na**	**23**	**20077.557**	ug/L	94.181	0	50260	382280203	0	Standard
|	**Mg**	**24**	**20240.021**	ug/L	136.917	0	3488	539188735	0	Standard
|	**Al**	**27**	**19326.669**	ug/L	192.178	0	8890	475791045	0	Standard
|	**K**	**39**	**19746.663**	ug/L	188.802	0	350271	166734243	0	Standard
|	**Ca**	**44**	**19613.122**	ug/L	119.875	0	16834	25939174	0	Standard
|	**Cr**	**52**	**188.827**	ug/L	0.565	0	28003	5614502	0	Standard
|	**Cr**	**53**	**198.383**	ug/L	1.810	0	372	747850	0	Standard
|	**Fe**	**54**	**19516.894**	ug/L	130.913	0	83366	40937688	0	Standard
|	**Fe**	**57**	**19175.880**	ug/L	299.763	1	25333	16383887	1	Standard
⌊	**Mn**	**55**	**191.850**	ug/L	0.724	0	1266	8484970	0	Standard
⌈>	**Ge**	**72**		ug/L			116200	108869	0	KED
|	**Ni**	**60**	**198.157**	ug/L	3.320	1	31	359133	0	KED
|	**Ni**	**62**	**201.552**	ug/L	1.647	0	7	59350	1	KED
|	**Cu**	**63**	**196.084**	ug/L	2.197	1	140	1018132	1	KED
|	**Cu**	**65**	**195.346**	ug/L	2.368	1	73	501376	1	KED
|	**Zn**	**66**	**195.466**	ug/L	3.308	1	255	151863	1	KED
⌊	**Zn**	**67**	**194.488**	ug/L	1.782	0	37	24987	0	KED
	Y	**89**		ug/L			881699	796577	0	Standard
	Kr	**83**		ug/L			348	439	11	Standard
⌈>	**In-1**	**115**		ug/L			37498	31751	1	KED
|	**Cd**	**111**	**199.039**	ug/L	1.131	0	4	89304	0	KED
⌊	**Cd**	**114**	**200.009**	ug/L	0.666	0	4	229416	0	KED
⌈>	**Tb**	**159**		ug/L			2983616	2871196	1	Standard
⌊	**Pb**	**208**	**193.302**	ug/L	2.349	1	547	21539106	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:41:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	51857	0	Standard
	Cl	**37**		ug/L			7252120	6874371	1	Standard
⎡>	**Sc**	**45**		ug/L			1742374	1614007	0	Standard
⎢	**Na**	**23**	**29500.799**	ug/L	354.804	1	50260	551075918	1	Standard
⎢	**Mg**	**24**	**29297.159**	ug/L	131.521	0	3488	765759726	0	Standard
⎢	**Al**	**27**	**28779.208**	ug/L	83.383	0	8890	695143145	0	Standard
⎢	**K**	**39**	**29652.683**	ug/L	258.090	0	350271	245487674	0	Standard
⎢	**Ca**	**44**	**28801.228**	ug/L	505.557	1	16834	37365380	1	Standard
⎢	**Cr**	**52**	**272.459**	ug/L	3.231	1	28003	7936474	0	Standard
⎢	**Cr**	**53**	**285.842**	ug/L	1.153	0	372	1057098	0	Standard
⎢	**Fe**	**54**	**28154.268**	ug/L	359.262	1	83366	57910231	1	Standard
⎢	**Fe**	**57**	**28275.880**	ug/L	207.083	0	25333	23693390	1	Standard
⎣	**Mn**	**55**	**278.845**	ug/L	3.316	1	1266	12098899	0	Standard
⎡>	**Ge**	**72**		ug/L			116200	105317	1	KED
⎢	**Ni**	**60**	**293.697**	ug/L	5.848	1	31	514884	1	KED
⎢	**Ni**	**62**	**291.574**	ug/L	7.833	2	7	83036	1	KED
⎢	**Cu**	**63**	**281.580**	ug/L	6.555	2	140	1413977	1	KED
⎢	**Cu**	**65**	**285.191**	ug/L	2.739	0	73	707998	0	KED
⎢	**Zn**	**66**	**276.134**	ug/L	3.935	1	255	207422	0	KED
⎣	**Zn**	**67**	**273.085**	ug/L	4.822	1	37	33921	1	KED
	Y	**89**		ug/L			881699	778776	1	Standard
	Kr	**83**		ug/L			348	483	3	Standard
⎡>	**In-1**	**115**		ug/L			37498	30969	1	KED
⎢	**Cd**	**111**	**284.512**	ug/L	1.241	0	4	124511	1	KED
⎣	**Cd**	**114**	**287.632**	ug/L	2.396	0	4	321788	0	KED
⎡>	**Tb**	**159**		ug/L			2983616	2763009	1	Standard
⎣	**Pb**	**208**	**277.214**	ug/L	3.477	1	547	29725489	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:48:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	48808	1	Standard
	Cl	**37**		ug/L			7252120	7037768	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1679165	1	Standard
|	**Na**	**23**	**2.350**	ug/L	0.096	4	50260	94088	0	Standard
|	**Mg**	**24**	**0.641**	ug/L	0.012	1	3488	20792	0	Standard
|	**Al**	**27**	**0.546**	ug/L	0.012	2	8890	22287	3	Standard
|	**K**	**39**	**3.565**	ug/L	0.706	19	350271	368153	0	Standard
|	**Ca**	**44**	**6.082**	ug/L	0.640	10	16834	24420	1	Standard
|	**Cr**	**52**	**0.038**	ug/L	0.023	61	28003	28128	1	Standard
|	**Cr**	**53**	**0.098**	ug/L	0.007	7	372	735	1	Standard
|	**Fe**	**54**	**1.496**	ug/L	1.056	70	83366	83513	1	Standard
|	**Fe**	**57**	**-4.658**	ug/L	0.473	10	25333	20352	0	Standard
⌊	**Mn**	**55**	**0.016**	ug/L	0.001	5	1266	1945	2	Standard
⌈>	**Ge**	**72**		ug/L			116200	113817	0	KED
|	**Ni**	**60**	**0.030**	ug/L	0.003	10	31	86	7	KED
|	**Ni**	**62**	**0.044**	ug/L	0.006	14	7	20	9	KED
|	**Cu**	**63**	**0.010**	ug/L	0.006	60	140	190	17	KED
|	**Cu**	**65**	**0.006**	ug/L	0.004	68	73	87	11	KED
|	**Zn**	**66**	**0.145**	ug/L	0.009	6	255	367	2	KED
⌊	**Zn**	**67**	**0.176**	ug/L	0.026	14	37	60	6	KED
	Y	**89**		ug/L			881699	826481	0	Standard
	Kr	**83**		ug/L			348	306	14	Standard
⌈>	**In-1**	**115**		ug/L			37498	33840	1	KED
|	**Cd**	**111**	**0.011**	ug/L	0.007	62	4	9	36	KED
⌊	**Cd**	**114**	**0.011**	ug/L	0.005	48	4	17	38	KED
⌈>	**Tb**	**159**		ug/L			2983616	2880287	2	Standard
⌊	**Pb**	**208**	**0.010**	ug/L	0.001	6	547	1621	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 15:54:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	47991	0	Standard
	Cl	**37**		ug/L			7252120	6913714	2	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1695972	0	Standard
|	**Na**	**23**	**1.049**	ug/L	0.056	5	50260	69506	0	Standard
|	**Mg**	**24**	**0.301**	ug/L	0.018	6	3488	11652	3	Standard
|	**Al**	**27**	**0.198**	ug/L	0.011	5	8890	13672	1	Standard
|	**K**	**39**	**1.722**	ug/L	0.271	15	350271	355887	0	Standard
|	**Ca**	**44**	**4.998**	ug/L	0.281	5	16834	23196	1	Standard
|	**Cr**	**52**	**0.038**	ug/L	0.016	41	28003	28405	1	Standard
|	**Cr**	**53**	**0.050**	ug/L	0.011	22	372	558	6	Standard
|	**Fe**	**54**	**-0.663**	ug/L	0.079	11	83366	79716	0	Standard
|	**Fe**	**57**	**-4.872**	ug/L	0.327	6	25333	20371	0	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.001	11	1266	1694	3	Standard
⌈>	**Ge**	**72**		ug/L			116200	112917	1	KED
|	**Ni**	**60**	**0.017**	ug/L	0.012	72	31	61	37	KED
|	**Ni**	**62**	**0.030**	ug/L	0.016	54	7	16	29	KED
|	**Cu**	**63**	**0.006**	ug/L	0.002	38	140	171	6	KED
|	**Cu**	**65**	**0.002**	ug/L	0.002	147	73	75	7	KED
|	**Zn**	**66**	**0.159**	ug/L	0.045	28	255	375	9	KED
⌊	**Zn**	**67**	**0.103**	ug/L	0.088	85	37	50	24	KED
	Y	**89**		ug/L			881699	829723	1	Standard
	Kr	**83**		ug/L			348	306	3	Standard
⌈>	**In-1**	**115**		ug/L			37498	33684	1	KED
|	**Cd**	**111**	**0.002**	ug/L	0.004	251	4	4	40	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	249	4	4	56	KED
⌈>	**Tb**	**159**		ug/L			2983616	2848450	1	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.000	3	547	1256	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:00:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	37062	2	Standard
	Cl	**37**		ug/L			7252120	7058316	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1678733	0	Standard
|	**Na**	**23**	**5004.422**	ug/L	51.683	1	50260	97270677	0	Standard
|	**Mg**	**24**	**5144.076**	ug/L	88.209	1	3488	139838002	1	Standard
|	**Al**	**27**	**4879.669**	ug/L	34.839	0	8890	122600679	1	Standard
|	**K**	**39**	**4922.242**	ug/L	35.144	0	350271	42668473	1	Standard
|	**Ca**	**44**	**4988.901**	ug/L	103.589	2	16834	6745211	2	Standard
|	**Cr**	**52**	**54.521**	ug/L	0.727	1	28003	1673413	0	Standard
|	**Cr**	**53**	**49.582**	ug/L	0.414	0	372	191005	0	Standard
|	**Fe**	**54**	**5022.379**	ug/L	50.273	1	83366	10809891	0	Standard
|	**Fe**	**57**	**4951.465**	ug/L	28.728	0	25333	4335525	1	Standard
⌊	**Mn**	**55**	**50.395**	ug/L	0.605	1	1266	2275330	0	Standard
⌈>	**Ge**	**72**		ug/L			116200	113094	0	KED
|	**Ni**	**60**	**50.158**	ug/L	0.308	0	31	94462	0	KED
|	**Ni**	**62**	**50.183**	ug/L	0.703	1	7	15356	1	KED
|	**Cu**	**63**	**50.198**	ug/L	0.272	0	140	270867	0	KED
|	**Cu**	**65**	**50.125**	ug/L	0.614	1	73	133696	0	KED
|	**Zn**	**66**	**49.982**	ug/L	0.765	1	255	40525	1	KED
⌊	**Zn**	**67**	**50.927**	ug/L	2.177	4	37	6823	3	KED
	Y	**89**		ug/L			881699	842439	1	Standard
	Kr	**83**		ug/L			348	307	8	Standard
⌈>	**In-1**	**115**		ug/L			37498	33040	2	KED
|	**Cd**	**111**	**50.209**	ug/L	0.281	0	4	23446	2	KED
⌊	**Cd**	**114**	**49.815**	ug/L	0.460	0	4	59459	1	KED
⌈>	**Tb**	**159**		ug/L			2983616	2865900	0	Standard
⌊	**Pb**	**208**	**49.800**	ug/L	0.330	0	547	5539724	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:07:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	34333	1	Standard
	Cl	**37**		ug/L			7252120	6906544	0	Standard
⎡>	**Sc**	**45**		ug/L			1742374	1653981	0	Standard
⎢	**Na**	**23**	**0.439**	ug/L	0.030	6	50260	56114	1	Standard
⎢	**Mg**	**24**	**0.186**	ug/L	0.016	8	3488	8299	5	Standard
⎢	**Al**	**27**	**-0.020**	ug/L	0.008	38	8890	7942	2	Standard
⎢	**K**	**39**	**1.993**	ug/L	0.041	2	350271	349384	0	Standard
⎢	**Ca**	**44**	**-2.481**	ug/L	0.064	2	16834	12683	0	Standard
⎢	**Cr**	**52**	**0.008**	ug/L	0.013	175	28003	26809	1	Standard
⎢	**Cr**	**53**	**0.019**	ug/L	0.005	26	372	426	4	Standard
⎢	**Fe**	**54**	**1.181**	ug/L	1.290	109	83366	81618	3	Standard
⎢	**Fe**	**57**	**-4.571**	ug/L	0.357	7	25333	20127	1	Standard
⎣	**Mn**	**55**	**-0.002**	ug/L	0.001	37	1266	1128	2	Standard
⎡>	**Ge**	**72**		ug/L			116200	111676	0	KED
⎢	**Ni**	**60**	**-0.003**	ug/L	0.002	44	31	23	12	KED
⎢	**Ni**	**62**	**-0.003**	ug/L	0.013	411	7	6	62	KED
⎢	**Cu**	**63**	**-0.003**	ug/L	0.002	67	140	118	9	KED
⎢	**Cu**	**65**	**-0.003**	ug/L	0.003	84	73	62	10	KED
⎢	**Zn**	**66**	**0.006**	ug/L	0.008	133	255	250	2	KED
⎣	**Zn**	**67**	**-0.032**	ug/L	0.008	25	37	31	3	KED
	Y	**89**		ug/L			881699	822813	1	Standard
	Kr	**83**		ug/L			348	328	3	Standard
⎡>	**In-1**	**115**		ug/L			37498	33504	1	KED
⎢	**Cd**	**111**	**0.000**	ug/L	0.003	924	4	4	35	KED
⎣	**Cd**	**114**	**0.004**	ug/L	0.003	90	4	8	48	KED
⎡>	**Tb**	**159**		ug/L			2983616	2851752	1	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.000	2	547	709	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0337-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:11:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	49638	1	Standard
	Cl	37		ug/L			7252120	6903038	1	Standard
>	Sc	45		ug/L			1742374	1709097	0	Standard
	Na	23	66.247	ug/L	0.454	0	50260	1359599	0	Standard
	Mg	24	1.323	ug/L	0.014	1	3488	40041	0	Standard
	Al	27	1.500	ug/L	0.048	3	8890	47089	3	Standard
	K	39	35.045	ug/L	0.340	0	350271	650397	0	Standard
	Ca	44	7.139	ug/L	0.515	7	16834	26312	1	Standard
	Cr	52	0.107	ug/L	0.016	14	28003	30758	1	Standard
	Cr	53	0.095	ug/L	0.005	5	372	736	2	Standard
	Fe	54	1.628	ug/L	0.510	31	83366	85309	0	Standard
	Fe	57	-3.583	ug/L	0.381	10	25333	21675	2	Standard
	Mn	55	32.012	ug/L	0.110	0	1266	1471969	0	Standard
>	Ge	72		ug/L			116200	113515	1	KED
	Ni	60	0.012	ug/L	0.010	83	31	52	36	KED
	Ni	62	0.021	ug/L	0.021	96	7	13	43	KED
	Cu	63	0.004	ug/L	0.004	101	140	160	15	KED
	Cu	65	0.004	ug/L	0.007	155	73	83	23	KED
	Zn	66	3.690	ug/L	0.257	6	255	3232	5	KED
	Zn	67	3.490	ug/L	0.217	6	37	503	6	KED
	Y	89		ug/L			881699	839725	3	Standard
	Kr	83		ug/L			348	332	3	Standard
>	In-1	115		ug/L			37498	34673	1	KED
	Cd	111	0.002	ug/L	0.001	48	4	5	10	KED
	Cd	114	-0.004	ug/L	0.009	237	4	0	1324	KED
>	Tb	159		ug/L			2983616	2877793	1	Standard
	Pb	208	0.006	ug/L	0.001	11	547	1212	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0337-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:15:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	51260	0	Standard
	Cl	37		ug/L			7252120	7007993	0	Standard
>	Sc	45		ug/L			1742374	1707000	1	Standard
	Na	23	8.446	ug/L	0.169	2	50260	216045	0	Standard
	Mg	24	0.724	ug/L	0.020	2	3488	23434	0	Standard
	Al	27	1.234	ug/L	0.065	5	8890	40218	2	Standard
	K	39	5.442	ug/L	0.752	13	350271	390665	0	Standard
	Ca	44	2.296	ug/L	0.292	12	16834	19638	1	Standard
	Cr	52	25.960	ug/L	0.435	1	28003	824458	0	Standard
	Cr	53	24.181	ug/L	0.617	2	372	94893	1	Standard
	Fe	54	2.927	ug/L	0.436	14	83366	88025	1	Standard
	Fe	57	-2.887	ug/L	0.231	8	25333	22260	0	Standard
	Mn	55	30.667	ug/L	0.281	0	1266	1408350	1	Standard
>	Ge	72		ug/L			116200	116327	2	KED
	Ni	60	24.720	ug/L	0.523	2	31	47896	2	KED
	Ni	62	25.316	ug/L	0.557	2	7	7969	0	KED
	Cu	63	25.775	ug/L	0.248	0	140	143117	1	KED
	Cu	65	25.656	ug/L	0.448	1	73	70410	0	KED
	Zn	66	78.582	ug/L	1.105	1	255	65381	0	KED
	Zn	67	73.640	ug/L	0.813	1	37	10131	1	KED
	Y	89		ug/L			881699	836054	0	Standard
	Kr	83		ug/L			348	337	8	Standard
>	In-1	115		ug/L			37498	34022	2	KED
	Cd	111	24.847	ug/L	0.357	1	4	11947	0	KED
	Cd	114	25.042	ug/L	0.532	2	4	30776	1	KED
>	Tb	159		ug/L			2983616	2849004	1	Standard
	Pb	208	25.260	ug/L	0.380	1	547	2793293	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0337-BLK1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Thursday, July 15, 2021 16:22:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	47774	0	Standard
	Cl	37		ug/L			7252120	6889370	0	Standard
>	Sc	45		ug/L			1742374	1664928	0	Standard
	Na	23	67.052	ug/L	0.349	0	50260	1340000	0	Standard
	Mg	24	1.343	ug/L	0.028	2	3488	39539	1	Standard
	Al	27	1.479	ug/L	0.011	0	8890	45346	0	Standard
	K	39	36.381	ug/L	0.213	0	350271	644987	0	Standard
	Ca	44	6.969	ug/L	0.256	3	16834	25408	1	Standard
	Cr	52	0.097	ug/L	0.020	20	28003	29669	1	Standard
	Cr	53	0.091	ug/L	0.002	1	372	702	1	Standard
	Fe	54	2.486	ug/L	0.404	16	83366	84925	0	Standard
	Fe	57	-0.895	ug/L	0.301	33	25333	23435	1	Standard
	Mn	55	33.183	ug/L	0.593	1	1266	1486280	1	Standard
>	Ge	72		ug/L			116200	114261	1	KED
	Ni	60	0.041	ug/L	0.010	24	31	107	18	KED
	Ni	62	0.040	ug/L	0.037	92	7	19	55	KED
	Cu	63	0.007	ug/L	0.005	75	140	174	16	KED
	Cu	65	0.003	ug/L	0.008	235	73	81	25	KED
	Zn	66	3.585	ug/L	0.037	1	255	3169	0	KED
	Zn	67	3.338	ug/L	0.058	1	37	486	3	KED
	Y	89		ug/L			881699	833914	0	Standard
	Kr	83		ug/L			348	333	2	Standard
>	In-1	115		ug/L			37498	34664	1	KED
	Cd	111	0.003	ug/L	0.005	188	4	5	44	KED
	Cd	114	0.007	ug/L	0.010	153	4	12	103	KED
>	Tb	159		ug/L			2983616	2851783	0	Standard
	Pb	208	0.006	ug/L	0.001	12	547	1242	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0337-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:26:25

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	49331	2	Standard
	Cl	37		ug/L			7252120	6986206	1	Standard
>	Sc	45		ug/L			1742374	1676918	0	Standard
	Na	23	8.025	ug/L	0.079	0	50260	204107	0	Standard
	Mg	24	0.700	ug/L	0.013	1	3488	22378	1	Standard
	Al	27	1.165	ug/L	0.030	2	8890	37793	1	Standard
	K	39	5.868	ug/L	0.418	7	350271	387510	0	Standard
	Ca	44	1.894	ug/L	0.161	8	16834	18755	1	Standard
	Cr	52	26.267	ug/L	0.067	0	28003	819335	0	Standard
	Cr	53	24.272	ug/L	0.222	0	372	93591	1	Standard
	Fe	54	1.713	ug/L	0.232	13	83366	83889	0	Standard
	Fe	57	-1.395	ug/L	0.289	20	25333	23167	0	Standard
	Mn	55	30.923	ug/L	0.120	0	1266	1395165	0	Standard
>	Ge	72		ug/L			116200	115388	1	KED
	Ni	60	25.055	ug/L	0.304	1	31	48154	0	KED
	Ni	62	25.274	ug/L	0.257	1	7	7894	1	KED
	Cu	63	25.541	ug/L	0.358	1	140	140668	0	KED
	Cu	65	25.496	ug/L	0.183	0	73	69425	1	KED
	Zn	66	78.234	ug/L	0.126	0	255	64578	1	KED
	Zn	67	74.558	ug/L	1.475	1	37	10174	1	KED
	Y	89		ug/L			881699	825697	1	Standard
	Kr	83		ug/L			348	344	3	Standard
>	In-1	115		ug/L			37498	33720	0	KED
	Cd	111	25.146	ug/L	0.362	1	4	11985	0	KED
	Cd	114	25.100	ug/L	0.640	2	4	30581	2	KED
>	Tb	159		ug/L			2983616	2780090	0	Standard
	Pb	208	25.448	ug/L	0.424	1	547	2746049	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0150-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:32:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

DEL

MISSED TUBE

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	32332	17	Standard
	Cl	**37**		ug/L			7252120	3947470	2	Standard
⌈>	**Sc**	**45**		ug/L			1742374	2931430	4	Standard
|	**Na**	**23**	**-1.485**	ug/L	0.030	2	50260	34149	1	Standard
|	**Mg**	**24**	**0.008**	ug/L	0.005	70	3488	6230	4	Standard
|	**Al**	**27**	**-0.199**	ug/L	0.011	5	8890	6251	10	Standard
|	**K**	**39**	**-20.156**	ug/L	1.246	6	350271	286084	2	Standard
|	**Ca**	**44**	**-6.930**	ug/L	0.552	7	16834	12028	14	Standard
|	**Cr**	**52**	**-0.623**	ug/L	0.006	1	28003	14292	6	Standard
|	**Cr**	**53**	**-0.046**	ug/L	0.006	13	372	318	10	Standard
|	**Fe**	**54**	**24.483**	ug/L	29.957	122	83366	234568	51	Standard
|	**Fe**	**57**	**-20.196**	ug/L	0.246	1	25333	11907	2	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.007	70	1266	2968	23	Standard
⌈>	**Ge**	**72**		ug/L			116200	241537	4	KED
|	**Ni**	**60**	**0.007**	ug/L	0.002	23	31	94	7	KED
|	**Ni**	**62**	**0.006**	ug/L	0.008	142	7	19	31	KED
|	**Cu**	**63**	**-0.012**	ug/L	0.001	8	140	154	5	KED
|	**Cu**	**65**	**-0.014**	ug/L	0.002	16	73	74	16	KED
|	**Zn**	**66**	**-0.163**	ug/L	0.011	6	255	250	12	KED
⌊	**Zn**	**67**	**-0.140**	ug/L	0.019	13	37	38	18	KED
	Y	**89**		ug/L			881699	1689798	4	Standard
	Kr	**83**		ug/L			348	641	37	Standard
⌈>	**In-1**	**115**		ug/L			37498	66967	3	KED
|	**Cd**	**111**	**0.001**	ug/L	0.002	233	4	8	26	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	12840	4	7	94	KED
⌈>	**Tb**	**159**		ug/L			2983616	6182891	1	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	7	547	779	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0150-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:41:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	223527	1	Standard
	Cl	37		ug/L			7252120	7139613	1	Standard
>	Sc	45		ug/L			1742374	1675564	0	Standard
	Na	23	7337.666	ug/L	30.577	0	50260	142336405	0	Standard
	Mg	24	1061.181	ug/L	21.743	2	3488	28796120	1	Standard
	Al	27	6.522	ug/L	0.014	0	8890	172102	0	Standard
	K	39	1415.206	ug/L	24.479	1	350271	12483516	1	Standard
	Ca	44	36574.317	ug/L	820.230	2	16834	49251113	1	Standard
	Cr	52	9.615	ug/L	0.150	1	28003	316737	1	Standard
	Cr	53	8.754	ug/L	0.061	0	372	33957	0	Standard
	Fe	54	3901.195	ug/L	41.996	1	83366	8398777	0	Standard
	Fe	57	3951.037	ug/L	7.685	0	25333	3457872	0	Standard
	Mn	55	83.947	ug/L	0.978	1	1266	3782339	1	Standard
>	Ge	72		ug/L			116200	108642	1	KED
	Ni	60	5.232	ug/L	0.071	1	31	9489	0	KED
	Ni	62	5.251	ug/L	0.206	3	7	1549	4	KED
	Cu	63	0.583	ug/L	0.003	0	140	3151	2	KED
	Cu	65	0.601	ug/L	0.024	3	73	1608	5	KED
	Zn	66	19.482	ug/L	0.841	4	255	15312	2	KED
	Zn	67	18.510	ug/L	0.832	4	37	2404	3	KED
	Y	89		ug/L			881699	789951	1	Standard
	Kr	83		ug/L			348	339	2	Standard
>	In-1	115		ug/L			37498	32945	0	KED
	Cd	111	0.119	ug/L	0.006	5	4	59	5	KED
	Cd	114	0.093	ug/L	0.009	10	4	114	8	KED
>	Tb	159		ug/L			2983616	2891055	1	Standard
	Pb	208	0.061	ug/L	0.002	2	547	7349	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0061-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:48:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	132984	0	Standard
	Cl	37		ug/L			7252120	7175885	0	Standard
>	Sc	45		ug/L			1742374	1684685	1	Standard
	Na	23	1937.226	ug/L	32.556	1	50260	37812998	0	Standard
	Mg	24	293.830	ug/L	2.711	0	3488	8020038	2	Standard
	Al	27	38.571	ug/L	0.746	1	8890	980960	1	Standard
	K	39	472.858	ug/L	5.364	1	350271	4419125	0	Standard
	Ca	44	6008.022	ug/L	119.436	1	16834	8148845	2	Standard
	Cr	52	69.651	ug/L	1.402	2	28003	2137625	0	Standard
	Cr	53	70.277	ug/L	1.060	1	372	271514	0	Standard
	Fe	54	5497.774	ug/L	67.148	1	83366	11866872	0	Standard
	Fe	57	5374.988	ug/L	121.523	2	25333	4719945	0	Standard
	Mn	55	83.410	ug/L	1.139	1	1266	3778421	1	Standard
>	Ge	72		ug/L			116200	110894	1	KED
	Ni	60	1.642	ug/L	0.041	2	31	3060	1	KED
	Ni	62	1.610	ug/L	0.084	5	7	490	6	KED
	Cu	63	1.444	ug/L	0.031	2	140	7772	3	KED
	Cu	65	1.472	ug/L	0.022	1	73	3919	2	KED
	Zn	66	53.432	ug/L	0.250	0	255	42466	1	KED
	Zn	67	51.063	ug/L	0.639	1	37	6708	1	KED
	Y	89		ug/L			881699	802888	0	Standard
	Kr	83		ug/L			348	311	13	Standard
>	In-1	115		ug/L			37498	33494	0	KED
	Cd	111	0.285	ug/L	0.018	6	4	139	6	KED
	Cd	114	0.309	ug/L	0.029	9	4	377	9	KED
>	Tb	159		ug/L			2983616	2929642	1	Standard
	Pb	208	0.237	ug/L	0.004	1	547	27473	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0053-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 16:56:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			35757	60209	1	Standard
	Cl	37		ug/L			7252120	7191425	0	Standard
>	Sc	45		ug/L			1742374	1709339	0	Standard
	Na	23	4078.308	ug/L	34.254	0	50260	80725307	0	Standard
	Mg	24	1674.855	ug/L	6.513	0	3488	46365969	0	Standard
	Al	27	888.055	ug/L	12.198	1	8890	22725220	1	Standard
	K	39	353.516	ug/L	6.375	1	350271	3439149	1	Standard
	Ca	44	7554.924	ug/L	82.421	1	16834	10392316	1	Standard
	Cr	52	1.903	ug/L	0.321	16	28003	86023	11	Standard
	Cr	53	1.837	ug/L	0.060	3	372	7558	2	Standard
	Fe	54	1295.824	ug/L	21.333	1	83366	2900564	1	Standard
	Fe	57	1393.975	ug/L	15.956	1	25333	1260625	0	Standard
	Mn	55	44.295	ug/L	0.914	2	1266	2036679	2	Standard
>	Ge	72		ug/L			116200	112028	0	KED
	Ni	60	1.211	ug/L	0.003	0	31	2287	0	KED
	Ni	62	1.256	ug/L	0.044	3	7	387	4	KED
	Cu	63	7.003	ug/L	0.201	2	140	37551	3	KED
	Cu	65	6.982	ug/L	0.047	0	73	18509	0	KED
	Zn	66	20.466	ug/L	0.426	2	255	16581	1	KED
	Zn	67	19.623	ug/L	0.490	2	37	2626	2	KED
	Y	89		ug/L			881699	815811	2	Standard
	Kr	83		ug/L			348	325	8	Standard
>	In-1	115		ug/L			37498	33840	2	KED
	Cd	111	0.018	ug/L	0.010	54	4	12	36	KED
	Cd	114	0.023	ug/L	0.002	8	4	31	5	KED
>	Tb	159		ug/L			2983616	2901400	2	Standard
	Pb	208	0.519	ug/L	0.013	2	547	58964	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:04:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	45548	0	Standard
	Cl	**37**		ug/L			7252120	7086865	0	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1617942	0	Standard
|	**Na**	**23**	**-0.163**	ug/L	0.032	19	50260	43612	0	Standard
|	**Mg**	**24**	**0.184**	ug/L	0.003	1	3488	8066	0	Standard
|	**Al**	**27**	**0.060**	ug/L	0.003	5	8890	9710	1	Standard
|	**K**	**39**	**1.736**	ug/L	0.231	13	350271	339637	0	Standard
|	**Ca**	**44**	**-2.633**	ug/L	0.050	1	16834	12208	0	Standard
|	**Cr**	**52**	**-0.008**	ug/L	0.008	103	28003	25778	0	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.002	45	372	362	2	Standard
|	**Fe**	**54**	**-0.610**	ug/L	0.917	150	83366	76155	2	Standard
|	**Fe**	**57**	**-7.908**	ug/L	0.178	2	25333	16888	0	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	30	1266	1345	3	Standard
⌈>	**Ge**	**72**		ug/L			116200	110269	2	KED
|	**Ni**	**60**	**0.005**	ug/L	0.003	67	31	38	17	KED
|	**Ni**	**62**	**0.012**	ug/L	0.011	87	7	10	26	KED
|	**Cu**	**63**	**0.002**	ug/L	0.002	93	140	144	4	KED
|	**Cu**	**65**	**0.004**	ug/L	0.007	191	73	79	21	KED
|	**Zn**	**66**	**0.039**	ug/L	0.045	115	255	273	13	KED
⌊	**Zn**	**67**	**0.054**	ug/L	0.055	102	37	42	16	KED
	Y	**89**		ug/L			881699	778397	1	Standard
	Kr	**83**		ug/L			348	311	3	Standard
⌈>	**In-1**	**115**		ug/L			37498	33867	1	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.002	219	4	3	31	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	231	4	2	71	KED
⌈>	**Tb**	**159**		ug/L			2983616	2795992	0	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.000	1	547	1207	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:08:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	35868	1	Standard
	Cl	**37**		ug/L			7252120	7213041	1	Standard
⎡>	**Sc**	**45**		ug/L			1742374	1651636	0	Standard
⎢	**Na**	**23**	**4968.428**	ug/L	71.281	1	50260	95013720	1	Standard
⎢	**Mg**	**24**	**5112.577**	ug/L	51.133	1	3488	136745789	0	Standard
⎢	**Al**	**27**	**4908.792**	ug/L	62.136	1	8890	121337981	1	Standard
⎢	**K**	**39**	**4857.894**	ug/L	120.014	2	350271	41432191	2	Standard
⎢	**Ca**	**44**	**4927.872**	ug/L	115.214	2	16834	6555266	2	Standard
⎢	**Cr**	**52**	**52.891**	ug/L	0.552	1	28003	1598037	0	Standard
⎢	**Cr**	**53**	**49.083**	ug/L	0.073	0	372	186043	0	Standard
⎢	**Fe**	**54**	**5046.353**	ug/L	71.588	1	83366	10685888	1	Standard
⎢	**Fe**	**57**	**4912.578**	ug/L	65.831	1	25333	4232084	1	Standard
⎣	**Mn**	**55**	**49.703**	ug/L	0.705	1	1266	2207898	1	Standard
⎡>	**Ge**	**72**		ug/L			116200	113659	0	KED
⎢	**Ni**	**60**	**48.841**	ug/L	0.192	0	31	92443	0	KED
⎢	**Ni**	**62**	**48.725**	ug/L	0.901	1	7	14985	2	KED
⎢	**Cu**	**63**	**48.999**	ug/L	0.292	0	140	265722	0	KED
⎢	**Cu**	**65**	**49.388**	ug/L	0.242	0	73	132397	0	KED
⎢	**Zn**	**66**	**50.276**	ug/L	0.609	1	255	40967	1	KED
⎣	**Zn**	**67**	**49.963**	ug/L	0.708	1	37	6729	1	KED
	Y	**89**		ug/L			881699	804571	0	Standard
	Kr	**83**		ug/L			348	342	0	Standard
⎡>	**In-1**	**115**		ug/L			37498	33408	0	KED
⎢	**Cd**	**111**	**50.215**	ug/L	0.237	0	4	23710	0	KED
⎣	**Cd**	**114**	**50.184**	ug/L	0.584	1	4	60570	1	KED
⎡>	**Tb**	**159**		ug/L			2983616	2858949	0	Standard
⎣	**Pb**	**208**	**50.003**	ug/L	0.640	1	547	5548601	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:15:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			35757	33340	3	Standard
	Cl	**37**		ug/L			7252120	7028555	1	Standard
⌈>	**Sc**	**45**		ug/L			1742374	1616066	1	Standard
|	**Na**	**23**	**-0.125**	ug/L	0.043	34	50260	44266	0	Standard
|	**Mg**	**24**	**0.186**	ug/L	0.018	9	3488	8086	4	Standard
|	**Al**	**27**	**-0.013**	ug/L	0.016	124	8890	7933	3	Standard
|	**K**	**39**	**2.588**	ug/L	0.704	27	350271	346247	0	Standard
|	**Ca**	**44**	**-3.388**	ug/L	0.092	2	16834	11214	0	Standard
|	**Cr**	**52**	**-0.032**	ug/L	0.008	26	28003	25046	1	Standard
|	**Cr**	**53**	**-0.016**	ug/L	0.005	31	372	286	7	Standard
|	**Fe**	**54**	**0.271**	ug/L	0.198	72	83366	77878	1	Standard
|	**Fe**	**57**	**-7.381**	ug/L	0.219	2	25333	17309	1	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	110	1266	1207	3	Standard
⌈>	**Ge**	**72**		ug/L			116200	111486	1	KED
|	**Ni**	**60**	**0.005**	ug/L	0.007	139	31	38	31	KED
|	**Ni**	**62**	**0.007**	ug/L	0.006	81	7	9	20	KED
|	**Cu**	**63**	**-0.003**	ug/L	0.003	105	140	121	13	KED
|	**Cu**	**65**	**-0.001**	ug/L	0.004	372	73	67	13	KED
|	**Zn**	**66**	**-0.054**	ug/L	0.026	48	255	201	9	KED
⌊	**Zn**	**67**	**-0.002**	ug/L	0.083	3558	37	35	29	KED
	Y	**89**		ug/L			881699	787815	0	Standard
	Kr	**83**		ug/L			348	292	12	Standard
⌈>	**In-1**	**115**		ug/L			37498	33864	0	KED
|	**Cd**	**111**	**0.000**	ug/L	0.005	2033	4	4	53	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	144	4	2	90	KED
⌈>	**Tb**	**159**		ug/L			2983616	2772792	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	25	547	635	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:21:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				32777	1	Standard
	Cl	**37**		ug/L				7088842	1	Standard
>	**Sc**	**45**		ug/L				1635217	1	Standard
	Na	**23**		ug/L				38169	1	Standard
	Mg	**24**		ug/L				3889	2	Standard
	Al	**27**		ug/L				4757	2	Standard
	K	**39**		ug/L				341471	0	Standard
	Ca	**44**		ug/L				10246	0	Standard
	Fe	**54**		ug/L				77814	1	Standard
	Fe	**57**		ug/L				17283	2	Standard
	Mn	**55**		ug/L				1035	3	Standard
>	**Ge**	**72**		ug/L				109077	2	KED
	Zn	**66**		ug/L				209	7	KED
	Zn	**67**		ug/L				27	17	KED
	Y	**89**		ug/L				796765	1	Standard
	Kr	**83**		ug/L				322	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:24:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	36099	1	Standard
	Cl	**37**		ug/L			7088842	7264009	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1643808	0	Standard
|	**Na**	**23**	**4954.971**	ug/L	50.319	1	38169	94302861	1	Standard
|	**Mg**	**24**	**5180.190**	ug/L	55.160	1	3889	137902499	1	Standard
|	**Al**	**27**	**4947.518**	ug/L	91.628	1	4757	121719932	2	Standard
|	**K**	**39**	**4875.396**	ug/L	84.786	1	341471	41397492	1	Standard
|	**Ca**	**44**	**4865.478**	ug/L	41.833	0	10246	6436497	1	Standard
|	**Fe**	**54**	**4998.248**	ug/L	62.061	1	77814	10534719	1	Standard
|	**Fe**	**57**	**4943.594**	ug/L	11.525	0	17283	4232006	0	Standard
⌊	**Mn**	**55**	**50.374**	ug/L	0.481	0	1035	2226985	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	111873	0	KED
|	**Zn**	**66**	**49.860**	ug/L	0.756	1	209	39958	0	KED
⌊	**Zn**	**67**	**50.257**	ug/L	0.688	1	27	6653	0	KED
	Y	**89**		ug/L			796765	806148	0	Standard
	Kr	**83**		ug/L			322	341	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:30:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	33243	2	Standard
	Cl	**37**		ug/L			7088842	7181566	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1639810	0	Standard
|	**Na**	**23**	**-0.001**	ug/L	0.009	1206	38169	38261	0	Standard
|	**Mg**	**24**	**0.048**	ug/L	0.005	9	3889	5162	2	Standard
|	**Al**	**27**	**0.054**	ug/L	0.006	10	4757	6087	2	Standard
|	**K**	**39**	**0.595**	ug/L	0.338	56	341471	347417	0	Standard
|	**Ca**	**44**	**-0.138**	ug/L	0.064	46	10246	10093	0	Standard
|	**Fe**	**54**	**0.529**	ug/L	0.378	71	77814	79135	0	Standard
|	**Fe**	**57**	**0.777**	ug/L	0.272	35	17283	17992	1	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	12	1035	1385	2	Standard
⌈>	**Ge**	**72**		ug/L			109077	109810	0	KED
|	**Zn**	**66**	**-0.005**	ug/L	0.032	648	209	206	11	KED
⌊	**Zn**	**67**	**0.018**	ug/L	0.081	447	27	29	35	KED
	Y	**89**		ug/L			796765	812586	0	Standard
	Kr	**83**		ug/L			322	330	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BLK3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:36:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	92504	1	Standard
	Cl	**37**		ug/L			7088842	7168319	2	Standard
>	**Sc**	**45**		ug/L			1635217	1654333	1	Standard
	Na	**23**	**3.550**	ug/L	0.094	2	38169	106554	0	Standard
	Mg	**24**	**0.639**	ug/L	0.004	0	3889	21055	2	Standard
	Al	**27**	**2.048**	ug/L	0.032	1	4757	55497	1	Standard
	K	**39**	**1.370**	ug/L	0.718	52	341471	357001	0	Standard
	Ca	**44**	**5.318**	ug/L	0.141	2	10246	17433	1	Standard
	Fe	**54**	**3.482**	ug/L	0.686	19	77814	86045	1	Standard
	Fe	**57**	**3.343**	ug/L	0.828	24	17283	20345	1	Standard
	Mn	**55**	**0.248**	ug/L	0.009	3	1035	12092	4	Standard
>	**Ge**	**72**		ug/L			109077	111946	1	KED
	Zn	**66**	**0.416**	ug/L	0.052	12	209	547	8	KED
	Zn	**67**	**0.322**	ug/L	0.058	17	27	70	10	KED
	Y	**89**		ug/L			796765	815400	1	Standard
	Kr	**83**		ug/L			322	326	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-BS3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:39:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	96103	1	Standard
	Cl	**37**		ug/L			7088842	7348943	0	Standard
>	**Sc**	**45**		ug/L			1635217	1698057	0	Standard
	Na	**23**	**5008.853**	ug/L	1.455	0	38169	98471500	0	Standard
	Mg	**24**	**5034.847**	ug/L	15.322	0	3889	138456180	0	Standard
	Al	**27**	**5126.064**	ug/L	52.058	1	4757	130263041	0	Standard
	K	**39**	**4882.875**	ug/L	80.564	1	341471	42826516	1	Standard
	Ca	**44**	**4924.383**	ug/L	83.718	1	10246	6728825	1	Standard
	Fe	**54**	**4995.655**	ug/L	118.790	2	77814	10875598	1	Standard
	Fe	**57**	**5062.358**	ug/L	120.650	2	17283	4475863	1	Standard
	Mn	**55**	**27.588**	ug/L	0.537	1	1035	1260321	1	Standard
>	**Ge**	**72**		ug/L			109077	111972	0	KED
	Zn	**66**	**80.529**	ug/L	0.838	1	209	64465	0	KED
	Zn	**67**	**76.851**	ug/L	2.017	2	27	10168	1	KED
	Y	**89**		ug/L			796765	834616	0	Standard
	Kr	**83**		ug/L			322	345	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BLK4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:42:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	87645	0	Standard
	Cl	**37**		ug/L			7088842	7179905	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1670347	1	Standard
|	**Na**	**23**	**3.080**	ug/L	0.066	2	38169	98516	0	Standard
|	**Mg**	**24**	**0.669**	ug/L	0.026	3	3889	22066	2	Standard
|	**Al**	**27**	**1.969**	ug/L	0.044	2	4757	54073	1	Standard
|	**K**	**39**	**2.773**	ug/L	0.690	24	341471	372481	0	Standard
|	**Ca**	**44**	**4.921**	ug/L	0.418	8	10246	17067	2	Standard
|	**Fe**	**54**	**12.474**	ug/L	0.789	6	77814	105988	0	Standard
|	**Fe**	**57**	**11.329**	ug/L	0.668	5	17283	27465	1	Standard
⌊	**Mn**	**55**	**0.817**	ug/L	0.012	1	1035	37739	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	113933	1	KED
|	**Zn**	**66**	**0.389**	ug/L	0.026	6	209	534	3	KED
⌊	**Zn**	**67**	**0.445**	ug/L	0.158	35	27	88	23	KED
	Y	**89**		ug/L			796765	819899	1	Standard
	Kr	**83**		ug/L			322	317	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-BS4
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:46:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	102776	2	Standard
	Cl	**37**		ug/L			7088842	7294614	1	Standard
>	**Sc**	**45**		ug/L			1635217	1706176	0	Standard
	Na	**23**	**5067.173**	ug/L	40.596	0	38169	100089272	0	Standard
	Mg	**24**	**5042.641**	ug/L	134.990	2	3889	139319270	2	Standard
	Al	**27**	**5024.513**	ug/L	72.682	1	4757	128287027	0	Standard
	K	**39**	**4919.059**	ug/L	56.835	1	341471	43349452	1	Standard
	Ca	**44**	**4909.483**	ug/L	39.913	0	10246	6740696	0	Standard
	Fe	**54**	**5071.356**	ug/L	10.578	0	77814	11093043	1	Standard
	Fe	**57**	**4978.293**	ug/L	38.819	0	17283	4423148	0	Standard
	Mn	**55**	**27.911**	ug/L	0.280	1	1035	1281165	0	Standard
>	**Ge**	**72**		ug/L			109077	111653	1	KED
	Zn	**66**	**81.799**	ug/L	1.832	2	209	65281	1	KED
	Zn	**67**	**76.618**	ug/L	2.334	3	27	10105	1	KED
	Y	**89**		ug/L			796765	825190	1	Standard
	Kr	**83**		ug/L			322	355	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-19
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:49:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	96686	2	Standard
	Cl	**37**		ug/L			7088842	7283872	0	Standard
>	**Sc**	**45**		ug/L			1635217	1679613	0	Standard
	Na	**23**	**8.384**	ug/L	0.086	1	38169	202171	0	Standard
	Mg	**24**	**1.340**	ug/L	0.008	0	3889	40451	0	Standard
	Al	**27**	**3.825**	ug/L	0.025	0	4757	101035	0	Standard
	K	**39**	**3.699**	ug/L	0.081	2	341471	382570	0	Standard
	Ca	**44**	**7.268**	ug/L	0.120	1	10246	20332	0	Standard
	Fe	**54**	**11.159**	ug/L	0.638	5	77814	103780	1	Standard
	Fe	**57**	**4.591**	ug/L	0.537	11	17283	21752	2	Standard
	Mn	**55**	**0.374**	ug/L	0.009	2	1035	17968	2	Standard
>	**Ge**	**72**		ug/L			109077	113559	0	KED
	Zn	**66**	**1.120**	ug/L	0.059	5	209	1123	3	KED
	Zn	**67**	**1.021**	ug/L	0.037	3	27	165	2	KED
	Y	**89**		ug/L			796765	830163	1	Standard
	Kr	**83**		ug/L			322	353	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-01
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:52:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	96571	0	Standard
	Cl	**37**		ug/L			7088842	6835924	0	Standard
>	**Sc**	**45**		ug/L			1635217	1717220	0	Standard
	Na	**23**	**1332.506**	ug/L	18.896	1	38169	26522705	2	Standard
	Mg	**24**	**1578.202**	ug/L	8.659	0	3889	43890812	0	Standard
	Al	**27**	**5.234**	ug/L	0.105	1	4757	139504	2	Standard
	K	**39**	**634.107**	ug/L	11.680	1	341471	5936314	1	Standard
	Ca	**44**	**10574.651**	ug/L	155.409	1	10246	14601742	2	Standard
	Fe	**54**	**9.627**	ug/L	0.235	2	77814	102757	1	Standard
	Fe	**57**	**30.297**	ug/L	1.026	3	17283	45129	1	Standard
	Mn	**55**	**1.799**	ug/L	0.037	2	1035	84146	1	Standard
>	**Ge**	**72**		ug/L			109077	112212	0	KED
	Zn	**66**	**10.464**	ug/L	0.163	1	209	8582	1	KED
	Zn	**67**	**9.885**	ug/L	0.340	3	27	1335	3	KED
	Y	**89**		ug/L			796765	828431	0	Standard
	Kr	**83**		ug/L			322	320	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-DUP3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 17:56:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	94249	0	Standard
	Cl	**37**		ug/L			7088842	6901298	1	Standard
>	**Sc**	**45**		ug/L			1635217	1691664	0	Standard
	Na	**23**	**1319.755**	ug/L	5.380	0	38169	25876470	0	Standard
	Mg	**24**	**1580.935**	ug/L	18.144	1	3889	43311900	0	Standard
	Al	**27**	**5.281**	ug/L	0.066	1	4757	138621	0	Standard
	K	**39**	**637.796**	ug/L	13.634	2	341471	5879643	1	Standard
	Ca	**44**	**10418.878**	ug/L	286.848	2	10246	14170034	2	Standard
	Fe	**54**	**7.702**	ug/L	0.476	6	77814	97076	0	Standard
	Fe	**57**	**30.390**	ug/L	1.106	3	17283	44537	1	Standard
	Mn	**55**	**1.773**	ug/L	0.024	1	1035	81673	0	Standard
>	**Ge**	**72**		ug/L			109077	111307	1	KED
	Zn	**66**	**10.748**	ug/L	0.194	1	209	8738	1	KED
	Zn	**67**	**10.198**	ug/L	0.280	2	27	1365	3	KED
	Y	**89**		ug/L			796765	808025	0	Standard
	Kr	**83**		ug/L			322	316	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MS3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:00:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	101578	0	Standard
	Cl	**37**		ug/L			7088842	6912936	1	Standard
>	**Sc**	**45**		ug/L			1635217	1691521	0	Standard
	Na	**23**	**6276.585**	ug/L	74.106	1	38169	122907912	1	Standard
	Mg	**24**	**6682.175**	ug/L	17.567	0	3889	183046060	0	Standard
	Al	**27**	**4976.097**	ug/L	54.486	1	4757	125971324	1	Standard
	K	**39**	**5437.036**	ug/L	77.448	1	341471	47463532	0	Standard
	Ca	**44**	**15176.578**	ug/L	293.387	1	10246	20635435	1	Standard
	Fe	**54**	**5030.829**	ug/L	63.485	1	77814	10910329	1	Standard
	Fe	**57**	**5001.799**	ug/L	65.902	1	17283	4405689	0	Standard
	Mn	**55**	**29.255**	ug/L	0.210	0	1035	1331298	0	Standard
>	**Ge**	**72**		ug/L			109077	110061	1	KED
	Zn	**66**	**88.955**	ug/L	1.200	1	209	69969	0	KED
	Zn	**67**	**85.134**	ug/L	0.449	0	27	11069	0	KED
	Y	**89**		ug/L			796765	800533	1	Standard
	Kr	**83**		ug/L			322	344	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0655-MSD3
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:05:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	94941	1	Standard
	Cl	**37**		ug/L			7088842	7003486	0	Standard
>	**Sc**	**45**		ug/L			1635217	1722909	1	Standard
	Na	**23**	**6227.268**	ug/L	97.405	1	38169	124186691	0	Standard
	Mg	**24**	**6586.669**	ug/L	160.678	2	3889	183745056	1	Standard
	Al	**27**	**4979.267**	ug/L	96.415	1	4757	128365917	0	Standard
	K	**39**	**5392.410**	ug/L	116.408	2	341471	47945688	1	Standard
	Ca	**44**	**15197.484**	ug/L	304.416	2	10246	21052759	3	Standard
	Fe	**54**	**4955.426**	ug/L	82.590	1	77814	10945496	0	Standard
	Fe	**57**	**4937.491**	ug/L	61.405	1	17283	4430204	2	Standard
	Mn	**55**	**29.031**	ug/L	0.439	1	1035	1345517	1	Standard
>	**Ge**	**72**		ug/L			109077	107931	0	KED
	Zn	**66**	**90.223**	ug/L	1.063	1	209	69596	1	KED
	Zn	**67**	**85.337**	ug/L	1.209	1	27	10881	1	KED
	Y	**89**		ug/L			796765	817955	2	Standard
	Kr	**83**		ug/L			322	359	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:11:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	44365	2	Standard
	Cl	**37**		ug/L			7088842	7022057	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1661505	2	Standard
|	**Na**	**23**	**-0.191**	ug/L	0.022	11	38169	35114	1	Standard
|	**Mg**	**24**	**0.228**	ug/L	0.040	17	3889	10088	11	Standard
|	**Al**	**27**	**0.277**	ug/L	0.028	10	4757	11736	7	Standard
|	**K**	**39**	**-1.842**	ug/L	0.605	32	341471	331210	0	Standard
|	**Ca**	**44**	**0.795**	ug/L	0.147	18	10246	11470	1	Standard
|	**Fe**	**54**	**-0.097**	ug/L	0.917	946	77814	78845	2	Standard
|	**Fe**	**57**	**0.258**	ug/L	0.798	309	17283	17774	1	Standard
⌊	**Mn**	**55**	**0.045**	ug/L	0.002	3	1035	3058	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	106989	0	KED
|	**Zn**	**66**	**0.085**	ug/L	0.022	25	209	270	6	KED
⌊	**Zn**	**67**	**0.176**	ug/L	0.156	88	27	48	39	KED
	Y	**89**		ug/L			796765	794502	1	Standard
	Kr	**83**		ug/L			322	311	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:15:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	35953	0	Standard
	Cl	**37**		ug/L			7088842	7249880	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1661388	1	Standard
|	**Na**	**23**	**4980.372**	ug/L	73.869	1	38169	95784041	0	Standard
|	**Mg**	**24**	**5173.485**	ug/L	31.729	0	3889	139189491	1	Standard
|	**Al**	**27**	**5034.096**	ug/L	93.389	1	4757	125150104	1	Standard
|	**K**	**39**	**4839.002**	ug/L	52.022	1	341471	41526972	0	Standard
|	**Ca**	**44**	**4888.997**	ug/L	96.818	1	10246	6535361	0	Standard
|	**Fe**	**54**	**4977.227**	ug/L	80.351	1	77814	10601101	0	Standard
|	**Fe**	**57**	**4906.097**	ug/L	96.494	1	17283	4244319	1	Standard
⌊	**Mn**	**55**	**49.898**	ug/L	0.644	1	1035	2229296	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	111192	0	KED
|	**Zn**	**66**	**50.680**	ug/L	0.837	1	209	40368	1	KED
⌊	**Zn**	**67**	**50.432**	ug/L	0.762	1	27	6636	1	KED
	Y	**89**		ug/L			796765	816387	0	Standard
	Kr	**83**		ug/L			322	339	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:21:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	33980	0	Standard
	Cl	**37**		ug/L			7088842	7164313	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1643394	1	Standard
|	**Na**	**23**	**-0.283**	ug/L	0.037	13	38169	32986	2	Standard
|	**Mg**	**24**	**0.119**	ug/L	0.059	49	3889	7084	23	Standard
|	**Al**	**27**	**0.131**	ug/L	0.064	48	4757	8003	20	Standard
|	**K**	**39**	**-0.446**	ug/L	0.394	88	341471	339400	0	Standard
|	**Ca**	**44**	**-0.448**	ug/L	0.183	40	10246	9705	2	Standard
|	**Fe**	**54**	**0.559**	ug/L	0.405	72	77814	79367	0	Standard
|	**Fe**	**57**	**1.925**	ug/L	0.452	23	17283	19008	1	Standard
⌊	**Mn**	**55**	**0.029**	ug/L	0.001	4	1035	2332	3	Standard
⌈>	**Ge**	**72**		ug/L			109077	109919	1	KED
|	**Zn**	**66**	**-0.002**	ug/L	0.011	574	209	209	2	KED
⌊	**Zn**	**67**	**0.017**	ug/L	0.044	250	27	29	20	KED
	Y	**89**		ug/L			796765	800643	1	Standard
	Kr	**83**		ug/L			322	332	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-11
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:28:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	38596	0	Standard
	Cl	**37**		ug/L			7088842	7000902	0	Standard
>	**Sc**	**45**		ug/L			1635217	1679157	1	Standard
	Na	**23**	**572.883**	ug/L	6.417	1	38169	11170948	0	Standard
	Mg	**24**	**1604.564**	ug/L	44.298	2	3889	43624909	1	Standard
	Al	**27**	**14.098**	ug/L	0.070	0	4757	359140	1	Standard
	K	**39**	**285.008**	ug/L	3.206	1	341471	2801986	0	Standard
	Ca	**44**	**8864.497**	ug/L	247.357	2	10246	11967424	1	Standard
	Fe	**54**	**542.118**	ug/L	6.078	1	77814	1238273	0	Standard
	Fe	**57**	**547.130**	ug/L	0.566	0	17283	494236	1	Standard
	Mn	**55**	**101.715**	ug/L	1.347	1	1035	4591909	1	Standard
>	**Ge**	**72**		ug/L			109077	108741	0	KED
	Zn	**66**	**219.597**	ug/L	2.043	0	209	170362	0	KED
	Zn	**67**	**202.034**	ug/L	3.505	1	27	25916	1	KED
	Y	**89**		ug/L			796765	811052	0	Standard
	Kr	**83**		ug/L			322	319	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-14
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:31:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	38819	0	Standard
	Cl	37		ug/L			7088842	6922189	0	Standard
>	Sc	45		ug/L			1635217	1666844	0	Standard
	Na	23	580.695	ug/L	4.906	0	38169	11240783	0	Standard
	Mg	24	1656.018	ug/L	12.047	0	3889	44705250	0	Standard
	Al	27	178.892	ug/L	1.553	0	4757	4467324	0	Standard
	K	39	181.074	ug/L	3.722	2	341471	1894253	1	Standard
	Ca	44	8367.108	ug/L	56.640	0	10246	11216072	0	Standard
	Fe	54	1579.352	ug/L	9.632	0	77814	3429580	0	Standard
	Fe	57	1731.279	ug/L	5.458	0	17283	1514300	0	Standard
	Mn	55	116.312	ug/L	0.549	0	1035	5212685	0	Standard
>	Ge	72		ug/L			109077	110711	1	KED
	Zn	66	18.957	ug/L	0.708	3	209	15164	2	KED
	Zn	67	17.861	ug/L	0.514	2	27	2357	2	KED
	Y	89		ug/L			796765	818173	2	Standard
	Kr	83		ug/L			322	330	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-15
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:35:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	39287	1	Standard
	Cl	**37**		ug/L			7088842	6819712	2	Standard
>	**Sc**	**45**		ug/L			1635217	1660424	0	Standard
	Na	**23**	**519.978**	ug/L	5.747	1	38169	10030175	0	Standard
	Mg	**24**	**1498.084**	ug/L	44.983	3	3889	40280913	2	Standard
	Al	**27**	**1146.982**	ug/L	39.614	3	4757	28501667	2	Standard
	K	**39**	**668.481**	ug/L	10.006	1	341471	6032530	1	Standard
	Ca	**44**	**8930.981**	ug/L	241.785	2	10246	11923768	2	Standard
	Fe	**54**	**5446.082**	ug/L	95.559	1	77814	11586378	1	Standard
	Fe	**57**	**5412.149**	ug/L	136.282	2	17283	4677791	1	Standard
	Mn	**55**	**123.181**	ug/L	2.560	2	1035	5498696	1	Standard
>	**Ge**	**72**		ug/L			109077	109449	1	KED
	Zn	**66**	**60.495**	ug/L	0.762	1	209	47385	0	KED
	Zn	**67**	**56.700**	ug/L	1.763	3	27	7339	2	KED
	Y	**89**		ug/L			796765	835338	2	Standard
	Kr	**83**		ug/L			322	337	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-26
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:38:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	38857	1	Standard
	Cl	**37**		ug/L			7088842	6797371	0	Standard
>	**Sc**	**45**		ug/L			1635217	1667542	1	Standard
	Na	**23**	**338.309**	ug/L	2.829	0	38169	6567619	1	Standard
	Mg	**24**	**710.504**	ug/L	18.463	2	3889	19187047	1	Standard
	Al	**27**	**353.877**	ug/L	2.700	0	4757	8836104	1	Standard
	K	**39**	**629.080**	ug/L	11.809	1	341471	5720952	0	Standard
	Ca	**44**	**5027.666**	ug/L	131.255	2	10246	6746153	2	Standard
	Fe	**54**	**788.614**	ug/L	10.304	1	77814	1752731	0	Standard
	Fe	**57**	**772.470**	ug/L	5.673	0	17283	685709	1	Standard
	Mn	**55**	**174.519**	ug/L	2.148	1	1035	7823022	0	Standard
>	**Ge**	**72**		ug/L			109077	110157	0	KED
	Zn	**66**	**23.502**	ug/L	0.214	0	209	18659	1	KED
	Zn	**67**	**22.147**	ug/L	0.600	2	27	2902	2	KED
	Y	**89**		ug/L			796765	801530	0	Standard
	Kr	**83**		ug/L			322	340	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-27
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:41:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	38370	1	Standard
	Cl	**37**		ug/L			7088842	6889040	0	Standard
>	**Sc**	**45**		ug/L			1635217	1663621	2	Standard
	Na	**23**	**314.460**	ug/L	5.947	1	38169	6091559	1	Standard
	Mg	**24**	**637.354**	ug/L	14.193	2	3889	17172597	2	Standard
	Al	**27**	**144.871**	ug/L	3.167	2	4757	3610364	0	Standard
	K	**39**	**332.043**	ug/L	10.242	3	341471	3176215	2	Standard
	Ca	**44**	**4449.813**	ug/L	59.209	1	10246	5957095	1	Standard
	Fe	**54**	**0.772**	ug/L	1.569	203	77814	80746	1	Standard
	Fe	**57**	**12.198**	ug/L	1.212	9	17283	28097	3	Standard
	Mn	**55**	**105.839**	ug/L	2.225	2	1035	4732911	1	Standard
>	**Ge**	**72**		ug/L			109077	109151	0	KED
	Zn	**66**	**25.967**	ug/L	0.547	2	209	20407	2	KED
	Zn	**67**	**24.650**	ug/L	0.493	2	27	3198	2	KED
	Y	**89**		ug/L			796765	816794	2	Standard
	Kr	**83**		ug/L			322	330	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-18
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:45:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	37337	0	Standard
	Cl	37		ug/L			7088842	6797002	1	Standard
>	Sc	45		ug/L			1635217	1654186	1	Standard
	Na	23	658.728	ug/L	10.241	1	38169	12646979	0	Standard
	Mg	24	2154.012	ug/L	54.413	2	3889	57693691	1	Standard
	Al	27	810.338	ug/L	22.303	2	4757	20058705	1	Standard
	K	39	891.812	ug/L	16.513	1	341471	7901006	0	Standard
	Ca	44	11817.059	ug/L	244.718	2	10246	15713621	1	Standard
	Fe	54	9319.909	ug/L	189.982	2	77814	19694317	0	Standard
	Fe	57	9268.053	ug/L	264.064	2	17283	7966251	1	Standard
	Mn	55	118.783	ug/L	1.584	1	1035	5282332	1	Standard
>	Ge	72		ug/L			109077	108977	0	KED
	Zn	66	125.098	ug/L	0.404	0	209	97352	0	KED
	Zn	67	113.911	ug/L	0.969	0	27	14656	0	KED
	Y	89		ug/L			796765	825005	1	Standard
	Kr	83		ug/L			322	340	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-~~DUP2~~DUP3
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:49:32
MB 7/15/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	37129	2	Standard
	Cl	37		ug/L			7088842	6827000	2	Standard
>	Sc	45		ug/L			1635217	1638122	0	Standard
	Na	23	671.050	ug/L	2.863	0	38169	12760007	0	Standard
	Mg	24	2165.919	ug/L	28.534	1	3889	57460987	1	Standard
	Al	27	822.681	ug/L	26.821	3	4757	20171112	2	Standard
	K	39	907.523	ug/L	9.124	1	341471	7957640	0	Standard
	Ca	44	11850.989	ug/L	109.942	0	10246	15607947	0	Standard
	Fe	54	9353.059	ug/L	94.277	1	77814	19577085	1	Standard
	Fe	57	9324.763	ug/L	139.064	1	17283	7939983	1	Standard
	Mn	55	120.149	ug/L	1.566	1	1035	5291665	1	Standard
>	Ge	72		ug/L			109077	108688	0	KED
	Zn	66	125.851	ug/L	1.760	1	209	97683	2	KED
	Zn	67	115.824	ug/L	0.937	0	27	14862	1	KED
	Y	89		ug/L			796765	807648	0	Standard
	Kr	83		ug/L			322	337	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-~~MS2~~ MS3
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:53:15
MB 7/15/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	37151	0	Standard
	Cl	37		ug/L			7088842	6703645	0	Standard
>	Sc	45		ug/L			1635217	1626732	0	Standard
	Na	23	1183.135	ug/L	7.335	0	38169	22311776	0	Standard
	Mg	24	2748.492	ug/L	29.625	1	3889	72408233	0	Standard
	Al	27	1358.915	ug/L	17.174	1	4757	33086724	1	Standard
	K	39	1407.212	ug/L	13.653	0	341471	12066373	0	Standard
	Ca	44	12433.136	ug/L	293.012	2	10246	16260366	2	Standard
	Fe	54	9865.927	ug/L	121.132	1	77814	20502287	1	Standard
	Fe	57	9807.917	ug/L	45.419	0	17283	8292044	0	Standard
	Mn	55	STL 121.471	ug/L	1.669	1	1035	5312793	1	Standard
>	Ge	72		ug/L			109077	108575	0	KED
	Zn	66	133.676	ug/L	1.718	1	209	103624	0	KED
	Zn	67	122.874	ug/L	0.820	0	27	15748	0	KED
	Y	89		ug/L			796765	815610	1	Standard
	Kr	83		ug/L			322	341	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0654-~~MSD2~~ MSD3
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 18:57:59
MB 7/15/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean		Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13			ug/L			32777	36392	1	Standard
	Cl	37			ug/L			7088842	6623812	0	Standard
>	Sc	45			ug/L			1635217	1611710	1	Standard
	Na	23	1160.821		ug/L	13.354	1	38169	21687746	0	Standard
	Mg	24	2686.950		ug/L	32.204	1	3889	70127716	0	Standard
	Al	27	1307.600		ug/L	18.325	1	4757	31540821	0	Standard
	K	39	1375.925		ug/L	10.788	0	341471	11696069	0	Standard
	Ca	44	12130.380		ug/L	408.696	3	10246	15714781	2	Standard
	Fe	54	9670.835		ug/L	89.505	0	77814	19911552	0	Standard
	Fe	57	9529.512		ug/L	113.480	1	17283	7982058	0	Standard
	Mn	55	118.467	STL	ug/L	1.800	1	1035	5133085	0	Standard
>	Ge	72			ug/L			109077	108425	2	KED
	Zn	66	128.383		ug/L	1.208	0	209	99395	2	KED
	Zn	67	120.483		ug/L	0.460	0	27	15422	2	KED
	Y	89			ug/L			796765	808923	0	Standard
	Kr	83			ug/L			322	326	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:04:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43166	0	Standard
	Cl	**37**		ug/L			7088842	6851700	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1594685	1	Standard
|	**Na**	**23**	**-0.351**	ug/L	0.028	7	38169	30735	0	Standard
|	**Mg**	**24**	**0.200**	ug/L	0.013	6	3889	8959	2	Standard
|	**Al**	**27**	**0.238**	ug/L	0.003	1	4757	10315	0	Standard
|	**K**	**39**	**-3.061**	ug/L	0.352	11	341471	307977	0	Standard
|	**Ca**	**44**	**0.735**	ug/L	0.277	37	10246	10931	2	Standard
|	**Fe**	**54**	**0.300**	ug/L	0.759	253	77814	76482	0	Standard
|	**Fe**	**57**	**0.203**	ug/L	0.658	323	17283	17027	4	Standard
⌊	**Mn**	**55**	**0.022**	ug/L	0.002	9	1035	1961	3	Standard
⌈>	**Ge**	**72**		ug/L			109077	106101	0	KED
|	**Zn**	**66**	**0.104**	ug/L	0.040	38	209	282	11	KED
⌊	**Zn**	**67**	**0.179**	ug/L	0.024	13	27	48	5	KED
	Y	**89**		ug/L			796765	768980	1	Standard
	Kr	**83**		ug/L			322	330	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:09:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	35428	2	Standard
	Cl	**37**		ug/L			7088842	7084914	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1636254	1	Standard
|	**Na**	**23**	**5043.664**	ug/L	28.323	0	38169	95541895	0	Standard
|	**Mg**	**24**	**5293.596**	ug/L	137.522	2	3889	140241342	1	Standard
|	**Al**	**27**	**5134.421**	ug/L	16.887	0	4757	125728158	1	Standard
|	**K**	**39**	**4827.883**	ug/L	73.366	1	341471	40803931	0	Standard
|	**Ca**	**44**	**5128.114**	ug/L	94.352	1	10246	6753204	3	Standard
|	**Fe**	**54**	**5080.110**	ug/L	86.258	1	77814	10654981	0	Standard
|	**Fe**	**57**	**5011.375**	ug/L	147.305	2	17283	4268987	1	Standard
⌊	**Mn**	**55**	**49.974**	ug/L	0.435	0	1035	2199015	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	109077	0	KED
|	**Zn**	**66**	**51.123**	ug/L	0.518	1	209	39945	1	KED
⌊	**Zn**	**67**	**51.913**	ug/L	1.831	3	27	6699	3	KED
	Y	**89**		ug/L			796765	793933	2	Standard
	Kr	**83**		ug/L			322	312	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:15:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	32441	1	Standard
	Cl	**37**		ug/L			7088842	7013292	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1620904	1	Standard
|	**Na**	**23**	**-0.393**	ug/L	0.025	6	38169	30452	0	Standard
|	**Mg**	**24**	**0.071**	ug/L	0.006	8	3889	5709	3	Standard
|	**Al**	**27**	**0.065**	ug/L	0.003	5	4757	6294	1	Standard
|	**K**	**39**	**-1.977**	ug/L	0.496	25	341471	322028	0	Standard
|	**Ca**	**44**	**-0.631**	ug/L	0.108	17	10246	9333	1	Standard
|	**Fe**	**54**	**0.497**	ug/L	0.356	71	77814	78151	0	Standard
|	**Fe**	**57**	**0.675**	ug/L	0.693	102	17283	17695	2	Standard
⌊	**Mn**	**55**	**0.014**	ug/L	0.001	5	1035	1631	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	108958	0	KED
|	**Zn**	**66**	**0.031**	ug/L	0.042	132	209	233	13	KED
⌊	**Zn**	**67**	**0.030**	ug/L	0.061	204	27	31	25	KED
	Y	**89**		ug/L			796765	773664	0	Standard
	Kr	**83**		ug/L			322	333	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-02
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:22:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	42550	1	Standard
	Cl	**37**		ug/L			7088842	6789094	0	Standard
>	**Sc**	**45**		ug/L			1635217	1681681	0	Standard
	Na	**23**	**753.130**	ug/L	7.592	1	38169	14696248	0	Standard
	Mg	**24**	**1603.169**	ug/L	35.554	2	3889	43660310	1	Standard
	Al	**27**	**936.155**	ug/L	17.843	1	4757	23563581	1	Standard
	K	**39**	**1309.044**	ug/L	26.717	2	341471	11627573	1	Standard
	Ca	**44**	**10059.034**	ug/L	151.889	1	10246	13601336	0	Standard
	Fe	**54**	**2376.628**	ug/L	31.498	1	77814	5166281	1	Standard
	Fe	**57**	**2402.202**	ug/L	43.262	1	17283	2112886	1	Standard
	Mn	**55**	**108.983**	ug/L	1.782	1	1035	4927511	1	Standard
>	**Ge**	**72**		ug/L			109077	107983	1	KED
	Zn	**66**	**65.583**	ug/L	0.602	0	209	50666	0	KED
	Zn	**67**	**61.029**	ug/L	1.109	1	27	7792	1	KED
	Y	**89**		ug/L			796765	818511	0	Standard
	Kr	**83**		ug/L			322	325	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-12
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:25:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	41348	0	Standard
	Cl	**37**		ug/L			7088842	6890398	0	Standard
>	**Sc**	**45**		ug/L			1635217	1648431	0	Standard
	Na	**23**	**1000.788**	ug/L	19.734	1	38169	19128696	1	Standard
	Mg	**24**	**2867.864**	ug/L	32.675	1	3889	76556729	0	Standard
	Al	**27**	**4.010**	ug/L	0.101	2	4757	103713	1	Standard
	K	**39**	**2996.455**	ug/L	34.970	1	341471	25646335	0	Standard
	Ca	**44**	**22372.470**	ug/L	231.491	1	10246	29640973	0	Standard
	Fe	**54**	**6642.663**	ug/L	61.240	0	77814	14013866	1	Standard
	Fe	**57**	**6519.374**	ug/L	129.587	1	17283	5590631	1	Standard
	Mn	**55**	**110.944**	ug/L	3.078	2	1035	4916525	1	Standard
>	**Ge**	**72**		ug/L			109077	108535	1	KED
	Zn	**66**	**6.970**	ug/L	0.062	0	209	5599	2	KED
	Zn	**67**	**7.087**	ug/L	0.293	4	27	933	2	KED
	Y	**89**		ug/L			796765	776995	1	Standard
	Kr	**83**		ug/L			322	304	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-16
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:28:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	41899	1	Standard
	Cl	**37**		ug/L			7088842	6969322	1	Standard
>	**Sc**	**45**		ug/L			1635217	1629561	1	Standard
	Na	**23**	**1123.854**	ug/L	16.830	1	38169	21229524	0	Standard
	Mg	**24**	**1948.772**	ug/L	25.079	1	3889	51436467	2	Standard
	Al	**27**	**2.069**	ug/L	0.015	0	4757	55201	2	Standard
	K	**39**	**962.813**	ug/L	4.381	0	341471	8377555	1	Standard
	Ca	**44**	**12169.290**	ug/L	291.754	2	10246	15939853	1	Standard
	Fe	**54**	**14.910**	ug/L	1.677	11	77814	108431	1	Standard
	Fe	**57**	**45.462**	ug/L	1.687	3	17283	55631	1	Standard
	Mn	**55**	**201.175**	ug/L	4.723	2	1035	8811631	1	Standard
>	**Ge**	**72**		ug/L			109077	111025	0	KED
	Zn	**66**	**0.184**	ug/L	0.055	29	209	359	12	KED
	Zn	**67**	**0.506**	ug/L	0.031	6	27	93	4	KED
	Y	**89**		ug/L			796765	766643	0	Standard
	Kr	**83**		ug/L			322	354	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-24
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:32:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	41738	1	Standard
	Cl	**37**		ug/L			7088842	6999387	0	Standard
>	**Sc**	**45**		ug/L			1635217	1650214	1	Standard
	Na	**23**	**662.797**	ug/L	3.212	0	38169	12696047	1	Standard
	Mg	**24**	**1555.821**	ug/L	18.665	1	3889	41579145	1	Standard
	Al	**27**	**20.462**	ug/L	0.323	1	4757	510053	0	Standard
	K	**39**	**793.917**	ug/L	9.489	1	341471	7056527	2	Standard
	Ca	**44**	**11007.714**	ug/L	147.447	1	10246	14605511	2	Standard
	Fe	**54**	**2.737**	ug/L	0.287	10	77814	84272	0	Standard
	Fe	**57**	**31.192**	ug/L	0.678	2	17283	44136	1	Standard
	Mn	**55**	**158.935**	ug/L	0.292	0	1035	7051345	1	Standard
>	**Ge**	**72**		ug/L			109077	107750	1	KED
	Zn	**66**	**4.159**	ug/L	0.244	5	209	3399	4	KED
	Zn	**67**	**4.228**	ug/L	0.062	1	27	563	1	KED
	Y	**89**		ug/L			796765	767649	1	Standard
	Kr	**83**		ug/L			322	316	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-10
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:35:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43316	1	Standard
	Cl	**37**		ug/L			7088842	7148971	1	Standard
>	**Sc**	**45**		ug/L			1635217	1640765	1	Standard
	Na	**23**	**1128.538**	ug/L	17.805	1	38169	21464666	0	Standard
	Mg	**24**	**1508.173**	ug/L	19.138	1	3889	40072138	0	Standard
	Al	**27**	**7.644**	ug/L	0.136	1	4757	192432	1	Standard
	K	**39**	**380.101**	ug/L	12.385	3	341471	3536414	1	Standard
	Ca	**44**	**10357.768**	ug/L	234.423	2	10246	13662826	1	Standard
	Fe	**54**	**8.192**	ug/L	1.018	12	77814	95164	1	Standard
	Fe	**57**	**37.231**	ug/L	1.985	5	17283	49007	1	Standard
	Mn	**55**	**14.455**	ug/L	0.181	1	1035	638543	1	Standard
>	**Ge**	**72**		ug/L			109077	107452	1	KED
	Zn	**66**	**0.342**	ug/L	0.057	16	209	468	9	KED
	Zn	**67**	**1.086**	ug/L	0.080	7	27	164	5	KED
	Y	**89**		ug/L			796765	756955	2	Standard
	Kr	**83**		ug/L			322	313	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-13
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:38:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	43192	0	Standard
	Cl	37		ug/L			7088842	7102444	0	Standard
>	Sc	45		ug/L			1635217	1611727	0	Standard
	Na	23	705.482	ug/L	4.786	0	38169	13196387	0	Standard
	Mg	24	1063.676	ug/L	19.635	1	3889	27763766	1	Standard
	Al	27	1.487	ug/L	0.034	2	4757	40561	1	Standard
	K	39	433.788	ug/L	0.737	0	341471	3918128	0	Standard
	Ca	44	8834.613	ug/L	300.316	3	10246	11448449	2	Standard
	Fe	54	1.553	ug/L	0.442	28	77814	79877	0	Standard
	Fe	57	26.769	ug/L	1.071	4	17283	39407	1	Standard
	Mn	55	0.512	ug/L	0.008	1	1035	23198	0	Standard
>	Ge	72		ug/L			109077	107573	0	KED
	Zn	66	0.205	ug/L	0.024	11	209	363	5	KED
	Zn	67	0.639	ug/L	0.044	6	27	107	5	KED
	Y	89		ug/L			796765	758284	1	Standard
	Kr	83		ug/L			322	301	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-25
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:42:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43029	1	Standard
	Cl	**37**		ug/L			7088842	7035672	1	Standard
>	**Sc**	**45**		ug/L			1635217	1619402	1	Standard
	Na	**23**	**529.978**	ug/L	11.721	2	38169	9968214	1	Standard
	Mg	**24**	**1163.017**	ug/L	23.598	2	3889	30496821	0	Standard
	Al	**27**	**1.910**	ug/L	0.037	1	4757	50983	0	Standard
	K	**39**	**550.830**	ug/L	2.429	0	341471	4907827	1	Standard
	Ca	**44**	**7968.952**	ug/L	77.820	0	10246	10377946	1	Standard
	Fe	**54**	**1.978**	ug/L	0.692	34	77814	81124	0	Standard
	Fe	**57**	**23.672**	ug/L	0.766	3	17283	36996	2	Standard
	Mn	**55**	**10.601**	ug/L	0.062	0	1035	462471	1	Standard
>	**Ge**	**72**		ug/L			109077	107244	0	KED
	Zn	**66**	**0.437**	ug/L	0.005	1	209	540	1	KED
	Zn	**67**	**0.642**	ug/L	0.037	5	27	107	3	KED
	Y	**89**		ug/L			796765	775474	1	Standard
	Kr	**83**		ug/L			322	295	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-28
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:45:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43978	1	Standard
	Cl	**37**		ug/L			7088842	7153755	2	Standard
>	**Sc**	**45**		ug/L			1635217	1650746	2	Standard
	Na	**23**	**577.473**	ug/L	10.319	1	38169	11067300	0	Standard
	Mg	**24**	**1558.190**	ug/L	3.276	0	3889	41659492	2	Standard
	Al	**27**	**1.084**	ug/L	0.014	1	4757	31571	2	Standard
	K	**39**	**431.475**	ug/L	11.590	2	341471	3992322	2	Standard
	Ca	**44**	**9264.784**	ug/L	58.531	0	10246	12297154	1	Standard
	Fe	**54**	**1.227**	ug/L	1.191	97	77814	81090	0	Standard
	Fe	**57**	**27.565**	ug/L	1.286	4	17283	41047	3	Standard
	Mn	**55**	**0.258**	ug/L	0.004	1	1035	12495	1	Standard
>	**Ge**	**72**		ug/L			109077	108764	0	KED
	Zn	**66**	**0.488**	ug/L	0.034	6	209	586	4	KED
	Zn	**67**	**0.649**	ug/L	0.148	22	27	110	17	KED
	Y	**89**		ug/L			796765	757482	1	Standard
	Kr	**83**		ug/L			322	326	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-32
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:50:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	42826	2	Standard
	Cl	**37**		ug/L			7088842	7259976	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1649799	1	Standard
|	**Na**	**23**	**908.383**	ug/L	11.665	1	38169	17380460	0	Standard
|	**Mg**	**24**	**581.128**	ug/L	6.802	1	3889	15528715	0	Standard
|	**Al**	**27**	**1.119**	ug/L	0.030	2	4757	32426	1	Standard
|	**K**	**39**	**268.343**	ug/L	8.929	3	341471	2611833	1	Standard
|	**Ca**	**44**	**6289.083**	ug/L	67.308	1	10246	8346669	1	Standard
|	**Fe**	**54**	**1.982**	ug/L	0.311	15	77814	82664	0	Standard
|	**Fe**	**57**	**20.114**	ug/L	1.201	5	17283	34640	1	Standard
⌊	**Mn**	**55**	**0.483**	ug/L	0.007	1	1035	22469	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	106076	0	KED
|	**Zn**	**66**	**0.249**	ug/L	0.008	3	209	391	1	KED
⌊	**Zn**	**67**	**0.448**	ug/L	0.181	40	27	82	27	KED
	Y	**89**		ug/L			796765	777752	1	Standard
	Kr	**83**		ug/L			322	299	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 19:57:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	42076	1	Standard
	Cl	**37**		ug/L			7088842	7243935	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1599845	1	Standard
|	**Na**	**23**	**-0.574**	ug/L	0.019	3	38169	26709	0	Standard
|	**Mg**	**24**	**0.213**	ug/L	0.013	6	3889	9317	3	Standard
|	**Al**	**27**	**0.209**	ug/L	0.012	5	4757	9653	2	Standard
|	**K**	**39**	**-1.115**	ug/L	0.462	41	341471	324913	0	Standard
|	**Ca**	**44**	**0.300**	ug/L	0.174	57	10246	10409	1	Standard
|	**Fe**	**54**	**-0.389**	ug/L	0.705	181	77814	75330	1	Standard
|	**Fe**	**57**	**1.466**	ug/L	0.504	34	17283	18123	1	Standard
⌊	**Mn**	**55**	**0.017**	ug/L	0.001	5	1035	1746	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	105099	0	KED
|	**Zn**	**66**	**0.136**	ug/L	0.016	11	209	303	4	KED
⌊	**Zn**	**67**	**0.198**	ug/L	0.007	3	27	50	2	KED
	Y	**89**		ug/L			796765	762781	2	Standard
	Kr	**83**		ug/L			322	295	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:01:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	34479	0	Standard
	Cl	**37**		ug/L			7088842	7369992	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1612325	1	Standard
|	**Na**	**23**	**5055.178**	ug/L	185.043	3	38169	94341011	2	Standard
|	**Mg**	**24**	**5269.321**	ug/L	185.554	3	3889	137544423	2	Standard
|	**Al**	**27**	**5134.959**	ug/L	21.426	0	4757	123903508	1	Standard
|	**K**	**39**	**4822.857**	ug/L	78.140	1	341471	40166202	0	Standard
|	**Ca**	**44**	**4965.466**	ug/L	105.692	2	10246	6441494	1	Standard
|	**Fe**	**54**	**5032.506**	ug/L	135.673	2	77814	10401087	1	Standard
|	**Fe**	**57**	**5000.539**	ug/L	72.955	1	17283	4198110	0	Standard
⌊	**Mn**	**55**	**49.480**	ug/L	0.639	1	1035	2145442	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	106935	1	KED
|	**Zn**	**66**	**50.406**	ug/L	0.922	1	209	38610	1	KED
⌊	**Zn**	**67**	**50.684**	ug/L	0.654	1	27	6413	0	KED
	Y	**89**		ug/L			796765	780191	0	Standard
	Kr	**83**		ug/L			322	303	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:07:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	32441	0	Standard
	Cl	**37**		ug/L			7088842	7207373	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1566800	1	Standard
|	**Na**	**23**	**-0.503**	ug/L	0.023	4	38169	27443	0	Standard
|	**Mg**	**24**	**0.087**	ug/L	0.004	4	3889	5941	0	Standard
|	**Al**	**27**	**0.058**	ug/L	0.004	7	4757	5909	0	Standard
|	**K**	**39**	**0.241**	ug/L	0.505	209	341471	329083	0	Standard
|	**Ca**	**44**	**-0.649**	ug/L	0.063	9	10246	9000	0	Standard
|	**Fe**	**54**	**0.735**	ug/L	0.476	64	77814	76017	0	Standard
|	**Fe**	**57**	**2.200**	ug/L	0.222	10	17283	18346	0	Standard
⌊	**Mn**	**55**	**0.010**	ug/L	0.001	5	1035	1415	2	Standard
⌈>	**Ge**	**72**		ug/L			109077	106085	1	KED
|	**Zn**	**66**	**0.033**	ug/L	0.030	91	209	228	8	KED
⌊	**Zn**	**67**	**0.077**	ug/L	0.019	24	27	36	5	KED
	Y	**89**		ug/L			796765	756330	0	Standard
	Kr	**83**		ug/L			322	313	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:13:56

MB 7/15/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	40398	0	Standard
	Cl	**37**		ug/L			7088842	7061150	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1595681	1	Standard
|	**Na**	**23**	**503.599**	ug/L	6.821	1	38169	9336593	1	Standard
|	**Mg**	**24**	**1061.404**	ug/L	21.345	2	3889	27427517	1	Standard
|	**Al**	**27**	**7.446**	ug/L	0.128	1	4757	182425	0	Standard
|	**K**	**39**	**429.318**	ug/L	8.348	1	341471	3842102	0	Standard
|	**Ca**	**44**	**6667.862**	ug/L	185.574	2	10246	8557152	1	Standard
|	**Fe**	**54**	**7.179**	ug/L	0.695	9	77814	90503	0	Standard
|	**Fe**	**57**	**27.610**	ug/L	0.570	2	17283	39712	0	Standard
⌊	**Mn**	**55**	**3.642**	ug/L	0.042	1	1035	157203	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	105031	0	KED
|	**Zn**	**66**	**0.239**	ug/L	0.010	4	209	380	2	KED
⌊	**Zn**	**67**	**0.460**	ug/L	0.055	12	27	83	8	KED
	Y	**89**		ug/L			796765	759352	0	Standard
	Kr	**83**		ug/L			322	304	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04 RE1
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:17:15

MB 7/15/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	41679	0	Standard
	Cl	**37**		ug/L			7088842	7109746	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1601440	1	Standard
|	**Na**	**23**	**496.926**	ug/L	9.287	1	38169	9245407	0	Standard
|	**Mg**	**24**	**1060.300**	ug/L	5.417	0	3889	27501424	1	Standard
|	**Al**	**27**	**9.946**	ug/L	0.308	3	4757	242953	1	Standard
|	**K**	**39**	**429.839**	ug/L	4.086	0	341471	3860468	1	Standard
|	**Ca**	**44**	**6525.485**	ug/L	102.847	1	10246	8405751	1	Standard
|	**Fe**	**54**	**8.364**	ug/L	0.455	5	77814	93260	2	Standard
|	**Fe**	**57**	**27.712**	ug/L	0.564	2	17283	39940	1	Standard
⌊	**Mn**	**55**	**3.587**	ug/L	0.054	1	1035	155415	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	107558	0	KED
|	**Zn**	**66**	**0.115**	ug/L	0.014	11	209	294	4	KED
⌊	**Zn**	**67**	**0.289**	ug/L	0.181	62	27	63	36	KED
	Y	**89**		ug/L			796765	769594	0	Standard
	Kr	**83**		ug/L			322	302	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-17
Sample Dil Factor: 10
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:20:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	42716	1	Standard
	Cl	**37**		ug/L			7088842	6937953	1	Standard
>	**Sc**	**45**		ug/L			1635217	1630657	1	Standard
	Na	**23**	**654.993**	ug/L	19.479	2	38169	12395800	1	Standard
	Mg	**24**	**1845.683**	ug/L	50.657	2	3889	48731976	1	Standard
	Al	**27**	**1582.752**	ug/L	34.185	2	4757	38624319	1	Standard
	K	**39**	**565.912**	ug/L	7.282	1	341471	5067315	0	Standard
	Ca	**44**	**8848.920**	ug/L	374.690	4	10246	11600060	3	Standard
	Fe	**54**	**8829.653**	ug/L	433.487	4	77814	18396521	4	Standard
	Fe	**57**	**8790.973**	ug/L	314.482	3	17283	7450129	2	Standard
	Mn	**55**	**146.237**	ug/L	4.278	2	1035	6409563	1	Standard
>	**Ge**	**72**		ug/L			109077	108125	0	KED
	Zn	**66**	**109.428**	ug/L	1.062	0	209	84517	0	KED
	Zn	**67**	**101.024**	ug/L	0.929	0	27	12899	0	KED
	Y	**89**		ug/L			796765	841617	2	Standard
	Kr	**83**		ug/L			322	352	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-23
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:24:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	43988	1	Standard
	Cl	**37**		ug/L			7088842	6977679	0	Standard
>	**Sc**	**45**		ug/L			1635217	1640034	1	Standard
	Na	**23**	**859.413**	ug/L	13.842	1	38169	16347542	0	Standard
	Mg	**24**	**2120.394**	ug/L	64.428	3	3889	56303039	1	Standard
	Al	**27**	**429.860**	ug/L	6.880	1	4757	10553470	0	Standard
	K	**39**	**1154.594**	ug/L	17.900	1	341471	10041331	0	Standard
	Ca	**44**	**16158.514**	ug/L	430.098	2	10246	21297153	1	Standard
	Fe	**54**	**5.076**	ug/L	1.200	23	77814	88612	1	Standard
	Fe	**57**	**50.370**	ug/L	1.352	2	17283	60167	0	Standard
	Mn	**55**	**1116.321**	ug/L	18.756	1	1035	49207766	0	Standard
>	**Ge**	**72**		ug/L			109077	108440	2	KED
	Zn	**66**	**118.753**	ug/L	3.455	2	209	91926	0	KED
	Zn	**67**	**111.014**	ug/L	2.189	1	27	14209	0	KED
	Y	**89**		ug/L			796765	830467	1	Standard
	Kr	**83**		ug/L			322	325	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-34
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:27:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	45123	1	Standard
	Cl	**37**		ug/L			7088842	7035936	1	Standard
>	**Sc**	**45**		ug/L			1635217	1604595	0	Standard
	Na	**23**	**546.953**	ug/L	2.334	0	38169	10194193	0	Standard
	Mg	**24**	**913.065**	ug/L	14.021	1	3889	23729345	1	Standard
	Al	**27**	**3.168**	ug/L	0.045	1	4757	80734	1	Standard
	K	**39**	**2099.607**	ug/L	25.348	1	341471	17593476	1	Standard
	Ca	**44**	**16206.339**	ug/L	102.433	0	10246	20903539	0	Standard
	Fe	**54**	**2122.257**	ug/L	13.599	0	77814	4410153	0	Standard
	Fe	**57**	**2322.342**	ug/L	32.503	1	17283	1949571	1	Standard
	Mn	**55**	**61.069**	ug/L	0.885	1	1035	2635190	1	Standard
>	**Ge**	**72**		ug/L			109077	106292	0	KED
	Zn	**66**	**34.205**	ug/L	0.509	1	209	26111	1	KED
	Zn	**67**	**31.699**	ug/L	0.596	1	27	3997	1	KED
	Y	**89**		ug/L			796765	743635	1	Standard
	Kr	**83**		ug/L			322	304	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:30:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	39880	0	Standard
	Cl	**37**		ug/L			7088842	7074884	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1611058	0	Standard
|	**Na**	**23**	**989.421**	ug/L	12.791	1	38169	18483697	0	Standard
|	**Mg**	**24**	**2172.551**	ug/L	19.065	0	3889	56687526	1	Standard
|	**Al**	**27**	**2.183**	ug/L	0.006	0	4757	57312	1	Standard
|	**K**	**39**	**845.586**	ug/L	7.023	0	341471	7314701	0	Standard
|	**Ca**	**44**	**13267.006**	ug/L	342.071	2	10246	17183865	2	Standard
|	**Fe**	**54**	**3.051**	ug/L	0.960	31	77814	82909	1	Standard
|	**Fe**	**57**	**41.758**	ug/L	1.215	2	17283	51923	2	Standard
⌊	**Mn**	**55**	**9.382**	ug/L	0.237	2	1035	407252	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	107378	1	KED
|	**Zn**	**66**	**0.773**	ug/L	0.030	3	209	797	1	KED
⌊	**Zn**	**67**	**0.857**	ug/L	0.068	7	27	135	5	KED
	Y	**89**		ug/L			796765	743879	1	Standard
	Kr	**83**		ug/L			322	302	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-DUP3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:34:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	40111	0	Standard
	Cl	**37**		ug/L			7088842	6960992	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1547884	1	Standard
|	**Na**	**23**	**1025.526**	ug/L	9.317	0	38169	18405680	0	Standard
|	**Mg**	**24**	**2229.873**	ug/L	13.182	0	3889	55897662	1	Standard
|	**Al**	**27**	**2.333**	ug/L	0.048	2	4757	58534	0	Standard
|	**K**	**39**	**878.197**	ug/L	8.473	0	341471	7286247	0	Standard
|	**Ca**	**44**	**13634.666**	ug/L	253.480	1	10246	16965949	1	Standard
|	**Fe**	**54**	**4.510**	ug/L	0.846	18	77814	82528	0	Standard
|	**Fe**	**57**	**44.064**	ug/L	1.414	3	17283	51726	1	Standard
⌊	**Mn**	**55**	**9.629**	ug/L	0.117	1	1035	401650	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	104883	0	KED
|	**Zn**	**66**	**0.348**	ug/L	0.056	16	209	461	8	KED
⌊	**Zn**	**67**	**0.666**	ug/L	0.048	7	27	108	5	KED
	Y	**89**		ug/L			796765	726060	0	Standard
	Kr	**83**		ug/L			322	305	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MS3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:37:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**			ug/L			32777	40902	2	Standard
	Cl	**37**			ug/L			7088842	6984980	1	Standard
>	**Sc**	**45**			ug/L			1635217	1619752	0	Standard
	Na	**23**		**2037.263**	ug/L	2.525	0	38169	38226983	0	Standard
	Mg	**24**		**3266.187**	ug/L	59.585	1	3889	85678786	2	Standard
	Al	**27**		**1040.185**	ug/L	23.223	2	4757	25216888	1	Standard
	K	**39**		**1830.907**	ug/L	19.245	1	341471	15530221	1	Standard
	Ca	**44**	STL	**14997.837**	ug/L	357.129	2	10246	19529683	2	Standard
	Fe	**54**		**1032.842**	ug/L	7.958	0	77814	2206237	1	Standard
	Fe	**57**		**1152.195**	ug/L	24.793	2	17283	984944	1	Standard
	Mn	**55**		**15.289**	ug/L	0.079	0	1035	666755	1	Standard
>	**Ge**	**72**			ug/L			109077	104473	0	KED
	Zn	**66**		**19.938**	ug/L	0.371	1	209	15042	1	KED
	Zn	**67**		**19.023**	ug/L	0.775	4	27	2367	3	KED
	Y	**89**			ug/L			796765	765200	1	Standard
	Kr	**83**			ug/L			322	307	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MSD3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:42:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13			ug/L			32777	40239	1	Standard
	Cl	37			ug/L			7088842	7010339	1	Standard
>	Sc	45			ug/L			1635217	1613930	1	Standard
	Na	23		2080.287	ug/L	11.543	0	38169	38892260	0	Standard
	Mg	24		3368.797	ug/L	63.277	1	3889	88042071	1	Standard
	Al	27		1073.064	ug/L	24.490	2	4757	25918444	1	Standard
	K	39		1880.487	ug/L	17.601	0	341471	15883486	0	Standard
	Ca	44	STL	15118.832	ug/L	297.210	1	10246	19612247	0	Standard
	Fe	54		1064.506	ug/L	21.630	2	77814	2262958	1	Standard
	Fe	57		1166.675	ug/L	14.403	1	17283	993543	0	Standard
	Mn	55		15.589	ug/L	0.240	1	1035	677282	0	Standard
>	Ge	72			ug/L			109077	107205	1	KED
	Zn	66		17.622	ug/L	0.272	1	209	13668	2	KED
	Zn	67		17.325	ug/L	0.376	2	27	2215	1	KED
	Y	89			ug/L			796765	749982	2	Standard
	Kr	83			ug/L			322	295	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:49:25

TUBE EMPTY

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	27631	10	Standard
	Cl	**37**		ug/L			7088842	4111460	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	2839800	0	Standard
|	**Na**	**23**	**-1.420**	ug/L	0.009	0	38169	19605	2	Standard
|	**Mg**	**24**	**-0.010**	ug/L	0.003	33	3889	6277	3	Standard
|	**Al**	**27**	**-0.104**	ug/L	0.007	6	4757	3863	8	Standard
|	**K**	**39**	**-22.707**	ug/L	0.364	1	341471	262649	1	Standard
|	**Ca**	**44**	**-3.642**	ug/L	0.396	10	10246	9491	10	Standard
|	**Fe**	**54**	**11.893**	ug/L	12.967	109	77814	178415	27	Standard
|	**Fe**	**57**	**-14.276**	ug/L	0.136	0	17283	8989	2	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.004	136	1035	2001	14	Standard
⌈>	**Ge**	**72**		ug/L			109077	236053	2	KED
|	**Zn**	**66**	**-0.157**	ug/L	0.008	5	209	189	9	KED
⌊	**Zn**	**67**	**-0.119**	ug/L	0.032	26	27	26	36	KED
	Y	**89**		ug/L			796765	1567340	0	Standard
	Kr	**83**		ug/L			322	529	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:53:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	34443	0	Standard
	Cl	**37**		ug/L			7088842	7232323	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1598635	0	Standard
|	**Na**	**23**	**5027.000**	ug/L	68.360	1	38169	93035983	0	Standard
|	**Mg**	**24**	**5293.247**	ug/L	59.843	1	3889	137030495	0	Standard
|	**Al**	**27**	**5061.298**	ug/L	29.069	0	4757	121088306	0	Standard
|	**K**	**39**	**4806.869**	ug/L	61.373	1	341471	39697521	0	Standard
|	**Ca**	**44**	**5061.628**	ug/L	96.343	1	10246	6511196	1	Standard
|	**Fe**	**54**	**5021.637**	ug/L	78.328	1	77814	10291836	0	Standard
|	**Fe**	**57**	**5013.797**	ug/L	43.564	0	17283	4173793	0	Standard
⌊	**Mn**	**55**	**50.209**	ug/L	0.831	1	1035	2158509	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	106351	0	KED
|	**Zn**	**66**	**51.403**	ug/L	0.415	0	209	39157	0	KED
⌊	**Zn**	**67**	**51.254**	ug/L	0.252	0	27	6450	0	KED
	Y	**89**		ug/L			796765	772276	1	Standard
	Kr	**83**		ug/L			322	317	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 20:59:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	31891	2	Standard
	Cl	**37**		ug/L			7088842	7168979	2	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1554250	0	Standard
|	**Na**	**23**	**-0.545**	ug/L	0.033	5	38169	26472	1	Standard
|	**Mg**	**24**	**0.155**	ug/L	0.007	4	3889	7595	2	Standard
|	**Al**	**27**	**0.123**	ug/L	0.003	2	4757	7375	1	Standard
|	**K**	**39**	**0.012**	ug/L	0.461	3976	341471	324631	0	Standard
|	**Ca**	**44**	**-0.795**	ug/L	0.008	1	10246	8746	0	Standard
|	**Fe**	**54**	**0.773**	ug/L	0.392	50	77814	75486	0	Standard
|	**Fe**	**57**	**2.781**	ug/L	0.368	13	17283	18667	0	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.000	7	1035	1252	2	Standard
⌈>	**Ge**	**72**		ug/L			109077	104798	0	KED
|	**Zn**	**66**	**0.035**	ug/L	0.053	151	209	227	16	KED
⌊	**Zn**	**67**	**0.065**	ug/L	0.081	124	27	34	29	KED
	Y	**89**		ug/L			796765	758265	1	Standard
	Kr	**83**		ug/L			322	295	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-21
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:05:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	49703	1	Standard
	Cl	**37**		ug/L			7088842	7063865	0	Standard
>	**Sc**	**45**		ug/L			1635217	1637751	1	Standard
	Na	**23**	**989.327**	ug/L	15.193	1	38169	18787694	0	Standard
	Mg	**24**	**805.209**	ug/L	4.295	0	3889	21359071	0	Standard
	Al	**27**	**18.143**	ug/L	0.532	2	4757	449350	1	Standard
	K	**39**	**636.918**	ug/L	7.990	1	341471	5685145	0	Standard
	Ca	**44**	**6780.179**	ug/L	141.211	2	10246	8930889	1	Standard
	Fe	**54**	**4.183**	ug/L	0.115	2	77814	86652	0	Standard
	Fe	**57**	**20.595**	ug/L	0.557	2	17283	34804	1	Standard
	Mn	**55**	**1.456**	ug/L	0.014	0	1035	65139	1	Standard
>	**Ge**	**72**		ug/L			109077	106696	1	KED
	Zn	**66**	**266.773**	ug/L	3.118	1	209	203010	0	KED
	Zn	**67**	**248.865**	ug/L	7.791	3	27	31313	2	KED
	Y	**89**		ug/L			796765	762350	0	Standard
	Kr	**83**		ug/L			322	330	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-03
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:08:38
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	51156	0	Standard
	Cl	37		ug/L			7088842	7055588	1	Standard
>	Sc	45		ug/L			1635217	1660052	0	Standard
	Na	23	2369.259	ug/L	45.195	1	38169	45557092	2	Standard
	Mg	24	5251.934	ug/L	34.427	0	3889	141195609	1	Standard
	Al	27	36.136	ug/L	0.300	0	4757	902593	1	Standard
	K	39	2000.566	ug/L	36.555	1	341471	17358117	1	Standard
	Ca	44	32076.985	ug/L	290.534	0	10246	42794129	1	Standard
	Fe	54	34.966	ug/L	1.445	4	77814	152850	1	Standard
	Fe	57	121.688	ug/L	1.302	1	17283	122311	0	Standard
	Mn	55	17.379	ug/L	0.319	1	1035	776628	2	Standard
>	Ge	72		ug/L			109077	108260	1	KED
	Zn	66	0.679	ug/L	0.020	2	209	731	2	KED
	Zn	67	1.509	ug/L	0.119	7	27	219	7	KED
	Y	89		ug/L			796765	753686	0	Standard
	Kr	83		ug/L			322	316	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:13:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	52101	0	Standard
	Cl	37		ug/L			7088842	7102022	1	Standard
>	Sc	45		ug/L			1635217	1649913	0	Standard
	Na	23	2365.859	ug/L	20.590	0	38169	45213465	0	Standard
	Mg	24	5184.119	ug/L	110.202	2	3889	138518748	2	Standard
	Al	27	48.053	ug/L	0.629	1	4757	1191291	1	Standard
	K	39	1966.789	ug/L	4.929	0	341471	16967987	0	Standard
	Ca	44	31971.536	ug/L	904.077	2	10246	42394137	2	Standard
	Fe	54	41.842	ug/L	0.833	1	77814	166372	1	Standard
	Fe	57	128.811	ug/L	3.699	2	17283	127662	2	Standard
	Mn	55	16.957	ug/L	0.238	1	1035	753117	1	Standard
>	Ge	72		ug/L			109077	103986	2	KED
	Zn	66	0.691	ug/L	0.046	6	209	711	4	KED
	Zn	67	1.480	ug/L	0.218	14	27	207	14	KED
	Y	89		ug/L			796765	745876	0	Standard
	Kr	83		ug/L			322	304	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:17:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	46399	1	Standard
	Cl	**37**		ug/L			7088842	7300954	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1535863	1	Standard
|	**Na**	**23**	**-0.797**	ug/L	0.038	4	38169	21670	2	Standard
|	**Mg**	**24**	**0.206**	ug/L	0.008	3	3889	8786	2	Standard
|	**Al**	**27**	**0.153**	ug/L	0.017	10	4757	7981	3	Standard
|	**K**	**39**	**0.169**	ug/L	0.596	353	341471	322003	0	Standard
|	**Ca**	**44**	**0.214**	ug/L	0.132	61	10246	9889	2	Standard
|	**Fe**	**54**	**0.028**	ug/L	0.599	2161	77814	73128	0	Standard
|	**Fe**	**57**	**1.919**	ug/L	0.389	20	17283	17759	0	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.000	10	1035	1120	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	103304	0	KED
|	**Zn**	**66**	**0.021**	ug/L	0.024	112	209	213	8	KED
⌊	**Zn**	**67**	**0.064**	ug/L	0.047	72	27	33	17	KED
	Y	**89**		ug/L			796765	728656	1	Standard
	Kr	**83**		ug/L			322	311	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:20:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

DEL

MISSED TUBE

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	28938	39	Standard
	Cl	**37**		ug/L			7088842	4147126	11	Standard
⌈>	**Sc**	**45**		ug/L			1635217	2661594	26	Standard
|	**Na**	**23**	**-1.432**	ug/L	0.067	4	38169	17649	17	Standard
|	**Mg**	**24**	**-0.005**	ug/L	0.013	273	3889	6034	19	Standard
|	**Al**	**27**	**-0.107**	ug/L	0.002	2	4757	3465	25	Standard
|	**K**	**39**	**-20.816**	ug/L	4.521	21	341471	261503	11	Standard
|	**Ca**	**44**	**-3.131**	ug/L	1.351	43	10246	9923	41	Standard
|	**Fe**	**54**	**23.018**	ug/L	60.533	262	77814	216453	115	Standard
|	**Fe**	**57**	**-14.024**	ug/L	0.795	5	17283	8581	16	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.015	336	1035	2043	69	Standard
⌈>	**Ge**	**72**		ug/L			109077	235932	0	KED
|	**Zn**	**66**	**-0.143**	ug/L	0.012	8	209	212	8	KED
⌊	**Zn**	**67**	**-0.039**	ug/L	0.004	10	27	48	2	KED
	Y	**89**		ug/L			796765	1453496	28	Standard
	Kr	**83**		ug/L			322	527	75	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-07
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:27:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	68789	0	Standard
	Cl	37		ug/L			7088842	7114623	0	Standard
>	Sc	45		ug/L			1635217	1649604	0	Standard
	Na	23	850.780	ug/L	15.538	1	38169	16280664	1	Standard
	Mg	24	487.865	ug/L	2.483	0	3889	13036663	0	Standard
	Al	27	51.726	ug/L	0.246	0	4757	1281740	0	Standard
	K	39	413.909	ug/L	2.625	0	341471	3842206	0	Standard
	Ca	44	4551.407	ug/L	75.055	1	10246	6042728	1	Standard
	Fe	54	19.541	ug/L	0.220	1	77814	119522	0	Standard
	Fe	57	26.426	ug/L	0.596	2	17283	40044	1	Standard
	Mn	55	0.826	ug/L	0.009	1	1035	37661	0	Standard
>	Ge	72		ug/L			109077	103194	1	KED
	Zn	66	63.932	ug/L	0.210	0	209	47208	1	KED
	Zn	67	59.672	ug/L	1.405	2	27	7281	1	KED
	Y	89		ug/L			796765	765365	1	Standard
	Kr	83		ug/L			322	325	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-08
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:30:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	70478	1	Standard
	Cl	**37**		ug/L			7088842	7020001	1	Standard
>	**Sc**	**45**		ug/L			1635217	1610772	0	Standard
	Na	**23**	**848.882**	ug/L	7.780	0	38169	15861579	0	Standard
	Mg	**24**	**515.740**	ug/L	9.362	1	3889	13455824	1	Standard
	Al	**27**	**16.543**	ug/L	0.341	2	4757	403435	1	Standard
	K	**39**	**435.921**	ug/L	2.834	0	341471	3933290	0	Standard
	Ca	**44**	**5060.711**	ug/L	82.563	1	10246	6559353	1	Standard
	Fe	**54**	**16.172**	ug/L	0.283	1	77814	109800	0	Standard
	Fe	**57**	**24.138**	ug/L	0.564	2	17283	37190	1	Standard
	Mn	**55**	**2.237**	ug/L	0.024	1	1035	97870	0	Standard
>	**Ge**	**72**		ug/L			109077	103390	0	KED
	Zn	**66**	**57.887**	ug/L	0.861	1	209	42844	1	KED
	Zn	**67**	**54.492**	ug/L	1.021	1	27	6665	1	KED
	Y	**89**		ug/L			796765	755057	2	Standard
	Kr	**83**		ug/L			322	302	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-20
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:34:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			32777	65802	1	Standard
	Cl	37		ug/L			7088842	7254730	1	Standard
>	Sc	45		ug/L			1635217	1563980	1	Standard
	Na	23	1.340	ug/L	0.047	3	38169	60746	0	Standard
	Mg	24	1.427	ug/L	0.050	3	3889	39861	2	Standard
	Al	27	1.977	ug/L	0.037	1	4757	50826	0	Standard
	K	39	0.690	ug/L	0.579	83	341471	332091	0	Standard
	Ca	44	8.956	ug/L	0.401	4	10246	21050	1	Standard
	Fe	54	9.492	ug/L	0.766	8	77814	93305	0	Standard
	Fe	57	3.133	ug/L	0.502	16	17283	19068	1	Standard
	Mn	55	0.253	ug/L	0.003	1	1035	11621	0	Standard
>	Ge	72		ug/L			109077	101657	1	KED
	Zn	66	0.219	ug/L	0.025	11	209	354	5	KED
	Zn	67	0.349	ug/L	0.038	10	27	67	6	KED
	Y	89		ug/L			796765	752382	0	Standard
	Kr	83		ug/L			322	287	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-36
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:37:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	66730	1	Standard
	Cl	**37**		ug/L			7088842	6992151	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1595170	0	Standard
|	**Na**	**23**	**530.899**	ug/L	5.959	1	38169	9837692	0	Standard
|	**Mg**	**24**	**306.806**	ug/L	5.107	1	3889	7928985	1	Standard
|	**Al**	**27**	**22.327**	ug/L	0.157	0	4757	537627	0	Standard
|	**K**	**39**	**295.918**	ug/L	4.745	1	341471	2751145	1	Standard
|	**Ca**	**44**	**3332.989**	ug/L	36.712	1	10246	4281967	1	Standard
|	**Fe**	**54**	**17.538**	ug/L	0.489	2	77814	111508	0	Standard
|	**Fe**	**57**	**22.718**	ug/L	0.438	1	17283	35654	0	Standard
⌊	**Mn**	**55**	**1.443**	ug/L	0.021	1	1035	62864	1	Standard
⌈>	**Ge**	**72**		ug/L			109077	104377	1	KED
|	**Zn**	**66**	**1.164**	ug/L	0.032	2	209	1066	3	KED
⌊	**Zn**	**67**	**1.353**	ug/L	0.301	22	27	192	18	KED
	Y	**89**		ug/L			796765	747331	1	Standard
	Kr	**83**		ug/L			322	310	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:42:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	45793	0	Standard
	Cl	**37**		ug/L			7088842	7229793	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1540882	2	Standard
|	**Na**	**23**	**-0.774**	ug/L	0.009	1	38169	22155	1	Standard
|	**Mg**	**24**	**0.115**	ug/L	0.006	4	3889	6541	2	Standard
|	**Al**	**27**	**0.153**	ug/L	0.002	1	4757	8015	2	Standard
|	**K**	**39**	**-0.353**	ug/L	0.934	264	341471	318881	0	Standard
|	**Ca**	**44**	**-0.594**	ug/L	0.054	9	10246	8920	2	Standard
|	**Fe**	**54**	**-0.102**	ug/L	1.065	1048	77814	73097	0	Standard
|	**Fe**	**57**	**0.906**	ug/L	0.300	33	17283	17007	0	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.001	9	1035	1227	2	Standard
⌈>	**Ge**	**72**		ug/L			109077	101440	1	KED
|	**Zn**	**66**	**0.085**	ug/L	0.037	43	209	256	11	KED
⌊	**Zn**	**67**	**0.101**	ug/L	0.027	26	27	37	7	KED
	Y	**89**		ug/L			796765	739549	1	Standard
	Kr	**83**		ug/L			322	294	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:46:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	33381	0	Standard
	Cl	**37**		ug/L			7088842	7331427	1	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1571459	1	Standard
|	**Na**	**23**	**5056.348**	ug/L	81.547	1	38169	91980975	0	Standard
|	**Mg**	**24**	**5210.459**	ug/L	67.786	1	3889	132590697	1	Standard
|	**Al**	**27**	**5115.600**	ug/L	59.477	1	4757	120312622	1	Standard
|	**K**	**39**	**4781.280**	ug/L	87.549	1	341471	38813516	1	Standard
|	**Ca**	**44**	**4986.728**	ug/L	87.046	1	10246	6305870	1	Standard
|	**Fe**	**54**	**5014.246**	ug/L	90.828	1	77814	10101132	0	Standard
|	**Fe**	**57**	**4955.111**	ug/L	135.890	2	17283	4054225	1	Standard
⌊	**Mn**	**55**	**49.641**	ug/L	0.804	1	1035	2097678	0	Standard
⌈>	**Ge**	**72**		ug/L			109077	103652	0	KED
|	**Zn**	**66**	**51.446**	ug/L	0.081	0	209	38196	0	KED
⌊	**Zn**	**67**	**50.860**	ug/L	0.759	1	27	6238	1	KED
	Y	**89**		ug/L			796765	754363	1	Standard
	Kr	**83**		ug/L			322	309	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:52:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			32777	31612	0	Standard
	Cl	**37**		ug/L			7088842	7292769	0	Standard
⌈>	**Sc**	**45**		ug/L			1635217	1562621	0	Standard
|	**Na**	**23**	**-0.266**	ug/L	0.036	13	38169	31669	1	Standard
|	**Mg**	**24**	**0.187**	ug/L	0.016	8	3889	8451	3	Standard
|	**Al**	**27**	**0.228**	ug/L	0.018	7	4757	9868	3	Standard
|	**K**	**39**	**0.019**	ug/L	0.596	3182	341471	326433	0	Standard
|	**Ca**	**44**	**-0.387**	ug/L	0.151	38	10246	9304	1	Standard
|	**Fe**	**54**	**1.049**	ug/L	0.836	79	77814	76436	1	Standard
|	**Fe**	**57**	**2.903**	ug/L	0.595	20	17283	18868	2	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	14	1035	1332	3	Standard
⌈>	**Ge**	**72**		ug/L			109077	104914	0	KED
|	**Zn**	**66**	**0.085**	ug/L	0.008	9	209	264	1	KED
⌊	**Zn**	**67**	**0.126**	ug/L	0.077	61	27	41	23	KED
	Y	**89**		ug/L			796765	753991	1	Standard
	Kr	**83**		ug/L			322	318	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 21:59:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				31943	1	Standard
	Cl	**37**		ug/L				7201837	1	Standard
⌈>	**Sc**	**45**		ug/L				1509537	1	Standard
|	**Na**	**23**		ug/L				27457	1	Standard
|	**Mg**	**24**		ug/L				4783	1	Standard
|	**Al**	**27**		ug/L				6826	1	Standard
|	**K**	**39**		ug/L				321709	0	Standard
|	**Ca**	**44**		ug/L				9203	3	Standard
|	**Fe**	**54**		ug/L				74641	0	Standard
|	**Fe**	**57**		ug/L				18658	2	Standard
⌊	**Mn**	**55**		ug/L				1282	0	Standard
⌈>	**Ge**	**72**		ug/L				104564	1	KED
|	**Zn**	**66**		ug/L				281	9	KED
⌊	**Zn**	**67**		ug/L				51	22	KED
	Y	**89**		ug/L				742874	1	Standard
	Kr	**83**		ug/L				324	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:02:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	33329	1	Standard
	Cl	**37**		ug/L			7201837	7255798	1	Standard
>	**Sc**	**45**		ug/L			1509537	1560078	1	Standard
	Na	**23**	**5029.165**	ug/L	29.147	0	27457	90830280	1	Standard
	Mg	**24**	**5204.701**	ug/L	79.308	1	4783	131514908	2	Standard
	Al	**27**	**5017.168**	ug/L	27.785	0	6826	117140271	1	Standard
	K	**39**	**4834.930**	ug/L	86.450	1	321709	38978579	3	Standard
	Ca	**44**	**4945.037**	ug/L	61.559	1	9203	6208553	2	Standard
	Fe	**54**	**5028.260**	ug/L	37.858	0	74641	10060439	1	Standard
	Fe	**57**	**4952.962**	ug/L	23.815	0	18658	4026714	1	Standard
	Mn	**55**	**49.363**	ug/L	0.920	1	1282	2071807	3	Standard
>	**Ge**	**72**		ug/L			104564	107234	1	KED
	Zn	**66**	**49.486**	ug/L	1.070	2	281	38095	1	KED
	Zn	**67**	**49.797**	ug/L	0.898	1	51	6344	0	KED
	Y	**89**		ug/L			742874	769239	0	Standard
	Kr	**83**		ug/L			324	321	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:09:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	31008	1	Standard
	Cl	**37**		ug/L			7201837	7239217	0	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1551352	0	Standard
|	**Na**	**23**	**0.213**	ug/L	0.019	8	27457	32041	0	Standard
|	**Mg**	**24**	**0.122**	ug/L	0.012	9	4783	7991	3	Standard
|	**Al**	**27**	**0.142**	ug/L	0.009	6	6826	10305	1	Standard
|	**K**	**39**	**-0.288**	ug/L	0.333	115	321709	328315	0	Standard
|	**Ca**	**44**	**-0.130**	ug/L	0.159	122	9203	9295	1	Standard
|	**Fe**	**54**	**-0.190**	ug/L	0.796	419	74641	76330	1	Standard
|	**Fe**	**57**	**-0.457**	ug/L	0.237	51	18658	18806	0	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	54	1282	1428	3	Standard
⌈>	**Ge**	**72**		ug/L			104564	103208	1	KED
|	**Zn**	**66**	**0.007**	ug/L	0.041	554	281	283	11	KED
⌊	**Zn**	**67**	**-0.052**	ug/L	0.055	106	51	44	15	KED
	Y	**89**		ug/L			742874	751729	0	Standard
	Kr	**83**		ug/L			324	325	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-~~BLK1~~ BLK2

Sample Dil Factor:

Comments:

Sample Date/Time: Thursday, July 15, 2021 22:12:22

MB 7/15/21

Number of Replicates: 3

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth

Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	56497	1	Standard
	Cl	37		ug/L			7201837	7240508	0	Standard
>	Sc	45		ug/L			1509537	1563705	0	Standard
	Na	23	9.353	ug/L	0.094	1	27457	197708	1	Standard
	Mg	24	0.817	ug/L	0.017	2	4783	25641	1	Standard
	Al	27	1.811	ug/L	0.077	4	6826	49439	3	Standard
	K	39	3.563	ug/L	0.205	5	321709	361791	0	Standard
	Ca	44	6.840	ug/L	0.252	3	9203	18126	1	Standard
	Fe	54	1.477	ug/L	0.270	18	74641	80257	0	Standard
	Fe	57	0.779	ug/L	0.257	32	18658	19960	1	Standard
	Mn	55	0.165	ug/L	0.002	1	1282	8251	0	Standard
>	Ge	72		ug/L			104564	104665	1	KED
	Zn	66	0.146	ug/L	0.021	14	281	391	3	KED
	Zn	67	0.030	ug/L	0.041	135	51	55	10	KED
	Y	89		ug/L			742874	762021	0	Standard
	Kr	83		ug/L			324	295	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-~~BS1~~BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:15:41
MB 7/15/21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	64170	1	Standard
	Cl	37		ug/L			7201837	7356509	0	Standard
>	Sc	45		ug/L			1509537	1591851	1	Standard
	Na	23	5192.339	ug/L	107.907	2	27457	95667023	0	Standard
	Mg	24	5353.855	ug/L	107.525	2	4783	137996200	0	Standard
	Al	27	5302.839	ug/L	90.413	1	6826	126316079	0	Standard
	K	39	5001.689	ug/L	62.807	1	321709	41121744	0	Standard
	Ca	44	5208.917	ug/L	159.219	3	9203	6670271	1	Standard
	Fe	54	5165.035	ug/L	87.318	1	74641	10540827	0	Standard
	Fe	57	5100.033	ug/L	25.011	0	18658	4230117	0	Standard
	Mn	55	28.452	ug/L	0.516	1	1282	1218652	0	Standard
>	Ge	72		ug/L			104564	105042	2	KED
	Zn	66	84.705	ug/L	1.519	1	281	63664	0	KED
	Zn	67	79.022	ug/L	0.647	0	51	9832	1	KED
	Y	89		ug/L			742874	769427	1	Standard
	Kr	83		ug/L			324	337	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-06
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:19:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	61602	0	Standard
	Cl	37		ug/L			7201837	6966910	0	Standard
>	Sc	45		ug/L			1509537	1606852	0	Standard
	Na	23	1317.377	ug/L	4.522	0	27457	24526826	0	Standard
	Mg	24	1571.475	ug/L	10.721	0	4783	40898683	1	Standard
	Al	27	5.796	ug/L	0.022	0	6826	146637	0	Standard
	K	39	619.067	ug/L	4.665	0	321709	5438153	0	Standard
	Ca	44	10425.797	ug/L	255.232	2	9203	13470828	2	Standard
	Fe	54	6.131	ug/L	0.313	5	74641	91988	0	Standard
	Fe	57	27.839	ug/L	0.167	0	18658	43062	0	Standard
	Mn	55	1.788	ug/L	0.014	0	1282	78592	0	Standard
>	Ge	72		ug/L			104564	106603	1	KED
	Zn	66	10.424	ug/L	0.303	2	281	8202	1	KED
	Zn	67	9.858	ug/L	0.131	1	51	1290	1	KED
	Y	89		ug/L			742874	749464	1	Standard
	Kr	83		ug/L			324	300	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-37
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:22:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			31943	65462	0	Standard
Cl	37		ug/L			7201837	6990266	1	Standard
> Sc	45		ug/L			1509537	1597991	0	Standard
Na	23	527.913	ug/L	9.475	1	27457	9791832	1	Standard
Mg	24	322.491	ug/L	2.497	0	4783	8350393	0	Standard
Al	27	28.140	ug/L	0.490	1	6826	680172	1	Standard
K	39	324.878	ug/L	2.552	0	321709	3000034	0	Standard
Ca	44	3402.239	ug/L	65.285	1	9203	4377845	1	Standard
Fe	54	31.143	ug/L	1.649	5	74641	142351	2	Standard
Fe	57	31.664	ug/L	0.426	1	18658	45994	0	Standard
Mn	55	0.575	ug/L	0.007	1	1282	26071	1	Standard
> Ge	72		ug/L			104564	106265	1	KED
Zn	66	34.118	ug/L	0.229	0	281	26119	0	KED
Zn	67	31.943	ug/L	1.339	4	51	4051	3	KED
Y	89		ug/L			742874	766592	0	Standard
Kr	83		ug/L			324	318	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:25:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	70234	1	Standard
	Cl	37		ug/L			7201837	6934658	1	Standard
>	Sc	45		ug/L			1509537	1631884	0	Standard
	Na	23	520.379	ug/L	4.241	0	27457	9857463	0	Standard
	Mg	24	353.101	ug/L	5.150	1	4783	9336801	1	Standard
	Al	27	166.046	ug/L	1.613	0	6826	4062466	0	Standard
	K	39	327.850	ug/L	4.011	1	321709	3088455	0	Standard
	Ca	44	3243.834	ug/L	38.907	1	9203	4263286	1	Standard
	Fe	54	206.347	ug/L	2.422	1	74641	509230	0	Standard
	Fe	57	201.616	ug/L	2.900	1	18658	190812	1	Standard
	Mn	55	5.388	ug/L	0.102	1	1282	237745	2	Standard
>	Ge	72		ug/L			104564	106639	0	KED
	Zn	66	3.444	ug/L	0.164	4	281	2903	3	KED
	Zn	67	3.306	ug/L	0.136	4	51	467	4	KED
	Y	89		ug/L			742874	773073	0	Standard
	Kr	83		ug/L			324	316	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-39
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:28:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	70479	1	Standard
	Cl	**37**		ug/L			7201837	6965487	0	Standard
>	**Sc**	**45**		ug/L			1509537	1612463	0	Standard
	Na	**23**	**539.177**	ug/L	10.045	1	27457	10091125	2	Standard
	Mg	**24**	**366.668**	ug/L	7.761	2	4783	9579270	1	Standard
	Al	**27**	**161.153**	ug/L	2.377	1	6826	3895849	0	Standard
	K	**39**	**336.667**	ug/L	2.207	0	321709	3124604	1	Standard
	Ca	**44**	**3409.482**	ug/L	30.308	0	9203	4426841	0	Standard
	Fe	**54**	**189.012**	ug/L	1.911	1	74641	467597	1	Standard
	Fe	**57**	**184.063**	ug/L	3.388	1	18658	173852	1	Standard
	Mn	**55**	**4.314**	ug/L	0.046	1	1282	188361	0	Standard
>	**Ge**	**72**		ug/L			104564	105755	2	KED
	Zn	**66**	**26.725**	ug/L	0.747	2	281	20415	0	KED
	Zn	**67**	**24.829**	ug/L	0.982	3	51	3144	1	KED
	Y	**89**		ug/L			742874	779169	0	Standard
	Kr	**83**		ug/L			324	304	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-40
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:32:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	70363	0	Standard
	Cl	37		ug/L			7201837	6876545	0	Standard
>	Sc	45		ug/L			1509537	1595743	0	Standard
	Na	23	563.779	ug/L	10.994	1	27457	10439658	1	Standard
	Mg	24	390.999	ug/L	4.326	1	4783	10108560	0	Standard
	Al	27	256.239	ug/L	5.330	2	6826	6126202	1	Standard
	K	39	350.954	ug/L	8.430	2	321709	3208644	1	Standard
	Ca	44	3440.690	ug/L	53.896	1	9203	4420878	1	Standard
	Fe	54	294.789	ug/L	4.214	1	74641	677523	0	Standard
	Fe	57	290.652	ug/L	3.366	1	18658	260268	1	Standard
	Mn	55	8.100	ug/L	0.179	2	1282	348805	2	Standard
>	Ge	72		ug/L			104564	105083	0	KED
	Zn	66	2.595	ug/L	0.116	4	281	2226	3	KED
	Zn	67	2.791	ug/L	0.278	9	51	397	9	KED
	Y	89		ug/L			742874	767392	1	Standard
	Kr	83		ug/L			324	319	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-41
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:36:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	58903	1	Standard
	Cl	37		ug/L			7201837	6841617	0	Standard
>	Sc	45		ug/L			1509537	1601089	0	Standard
	Na	23	517.898	ug/L	4.362	0	27457	9625315	0	Standard
	Mg	24	296.054	ug/L	2.767	0	4783	7680939	0	Standard
	Al	27	23.888	ug/L	0.289	1	6826	579645	1	Standard
	K	39	289.558	ug/L	3.033	1	321709	2716054	0	Standard
	Ca	44	3158.186	ug/L	32.973	1	9203	4072485	1	Standard
	Fe	54	21.511	ug/L	0.787	3	74641	122993	0	Standard
	Fe	57	24.656	ug/L	1.103	4	18658	40260	1	Standard
	Mn	55	1.579	ug/L	0.023	1	1282	69331	0	Standard
>	Ge	72		ug/L			104564	104901	1	KED
	Zn	66	1.086	ug/L	0.026	2	281	1094	1	KED
	Zn	67	1.227	ug/L	0.141	11	51	203	8	KED
	Y	89		ug/L			742874	755331	1	Standard
	Kr	83		ug/L			324	290	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-42
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:40:44
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	58253	0	Standard
	Cl	37		ug/L			7201837	6968057	1	Standard
>	Sc	45		ug/L			1509537	1683567	0	Standard
	Na	23	4593.937	ug/L	65.226	1	27457	89536322	1	Standard
	Mg	24	10115.755	ug/L	107.746	1	4783	275801615	1	Standard
	Al	27	9.272	ug/L	0.127	1	6826	241229	1	Standard
	K	39	3860.587	ug/L	44.663	1	321709	33654889	1	Standard
	Ca	44	62833.292	ug/L	836.177	1	9203	85005235	1	Standard
	Fe	54	10.110	ug/L	0.550	5	74641	104909	1	Standard
	Fe	57	169.911	ug/L	1.510	0	18658	169172	0	Standard
	Mn	55	22.345	ug/L	0.205	0	1282	1012730	1	Standard
>	Ge	72		ug/L			104564	98951	0	KED
	Zn	66	0.709	ug/L	0.072	10	281	767	7	KED
	Zn	67	1.939	ug/L	0.283	14	51	274	12	KED
	Y	89		ug/L			742874	742557	0	Standard
	Kr	83		ug/L			324	328	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:47:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	45246	1	Standard
	Cl	**37**		ug/L			7201837	7407135	0	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1581445	0	Standard
|	**Na**	**23**	**-0.288**	ug/L	0.018	6	27457	23485	1	Standard
|	**Mg**	**24**	**0.200**	ug/L	0.046	22	4783	10141	11	Standard
|	**Al**	**27**	**0.057**	ug/L	0.010	16	6826	8511	2	Standard
|	**K**	**39**	**-1.787**	ug/L	0.038	2	321709	322559	0	Standard
|	**Ca**	**44**	**0.319**	ug/L	0.229	71	9203	10046	2	Standard
|	**Fe**	**54**	**-2.503**	ug/L	0.486	19	74641	73160	1	Standard
|	**Fe**	**57**	**-1.775**	ug/L	0.243	13	18658	18091	0	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.000	6	1282	1208	1	Standard
⌈>	**Ge**	**72**		ug/L			104564	102216	0	KED
|	**Zn**	**66**	**-0.003**	ug/L	0.023	840	281	273	6	KED
⌊	**Zn**	**67**	**-0.117**	ug/L	0.100	85	51	36	32	KED
	Y	**89**		ug/L			742874	743273	1	Standard
	Kr	**83**		ug/L			324	319	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:51:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	33590	0	Standard
	Cl	**37**		ug/L			7201837	7321475	1	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1575520	0	Standard
|	**Na**	**23**	**5039.315**	ug/L	24.906	0	27457	91913879	0	Standard
|	**Mg**	**24**	**5302.467**	ug/L	109.273	2	4783	135284200	1	Standard
|	**Al**	**27**	**5083.071**	ug/L	29.397	0	6826	119857330	0	Standard
|	**K**	**39**	**4791.246**	ug/L	55.704	1	321709	39006312	1	Standard
|	**Ca**	**44**	**5056.520**	ug/L	17.389	0	9203	6410602	0	Standard
|	**Fe**	**54**	**4957.436**	ug/L	13.299	0	74641	10017875	0	Standard
|	**Fe**	**57**	**4896.490**	ug/L	36.432	0	18658	4020460	0	Standard
⌊	**Mn**	**55**	**49.602**	ug/L	0.256	0	1282	2102140	0	Standard
⌈>	**Ge**	**72**		ug/L			104564	103469	0	KED
|	**Zn**	**66**	**50.821**	ug/L	0.472	0	281	37747	0	KED
⌊	**Zn**	**67**	**50.381**	ug/L	0.784	1	51	6193	1	KED
	Y	**89**		ug/L			742874	769707	1	Standard
	Kr	**83**		ug/L			324	324	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 22:57:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	30685	0	Standard
	Cl	**37**		ug/L			7201837	7150078	1	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1532217	2	Standard
|	**Na**	**23**	**0.061**	ug/L	0.040	65	27457	28945	0	Standard
|	**Mg**	**24**	**0.065**	ug/L	0.017	26	4783	6452	3	Standard
|	**Al**	**27**	**0.115**	ug/L	0.015	12	6826	9557	0	Standard
|	**K**	**39**	**-0.658**	ug/L	0.997	151	321709	321242	0	Standard
|	**Ca**	**44**	**-0.156**	ug/L	0.150	96	9203	9146	0	Standard
|	**Fe**	**54**	**0.120**	ug/L	1.341	1116	74641	75957	1	Standard
|	**Fe**	**57**	**-0.264**	ug/L	0.496	187	18658	18723	1	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.000	6	1282	1594	1	Standard
⌈>	**Ge**	**72**		ug/L			104564	98627	2	KED
|	**Zn**	**66**	**-0.033**	ug/L	0.026	77	281	242	8	KED
⌊	**Zn**	**67**	**-0.079**	ug/L	0.019	24	51	39	7	KED
	Y	**89**		ug/L			742874	736087	1	Standard
	Kr	**83**		ug/L			324	297	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-09
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:00:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	64055	0	Standard
	Cl	**37**		ug/L			7201837	7095906	1	Standard
>	**Sc**	**45**		ug/L			1509537	1618860	0	Standard
	Na	**23**	**1242.695**	ug/L	6.879	0	27457	23311415	0	Standard
	Mg	**24**	**1618.196**	ug/L	17.378	1	4783	42426186	0	Standard
	Al	**27**	**11.638**	ug/L	0.179	1	6826	289269	1	Standard
	K	**39**	**677.455**	ug/L	6.660	0	321709	5963245	1	Standard
	Ca	**44**	**8819.045**	ug/L	175.994	1	9203	11480007	1	Standard
	Fe	**54**	**7.307**	ug/L	0.116	1	74641	95101	0	Standard
	Fe	**57**	**23.284**	ug/L	0.949	4	18658	39561	2	Standard
	Mn	**55**	**8.770**	ug/L	0.085	0	1282	383033	1	Standard
>	**Ge**	**72**		ug/L			104564	105048	0	KED
	Zn	**66**	**47.180**	ug/L	0.358	0	281	35599	0	KED
	Zn	**67**	**45.606**	ug/L	0.417	0	51	5697	0	KED
	Y	**89**		ug/L			742874	757994	1	Standard
	Kr	**83**		ug/L			324	290	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-22
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:03:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	64290	0	Standard
	Cl	**37**		ug/L			7201837	7059226	0	Standard
>	**Sc**	**45**		ug/L			1509537	1619592	0	Standard
	Na	**23**	**937.245**	ug/L	7.684	0	27457	17596136	0	Standard
	Mg	**24**	**744.607**	ug/L	5.355	0	4783	19534362	1	Standard
	Al	**27**	**65.614**	ug/L	0.263	0	6826	1597620	0	Standard
	K	**39**	**504.506**	ug/L	2.804	0	321709	4530949	1	Standard
	Ca	**44**	**6708.005**	ug/L	27.994	0	9203	8738709	0	Standard
	Fe	**54**	**24.755**	ug/L	1.742	7	74641	131093	2	Standard
	Fe	**57**	**35.263**	ug/L	0.993	2	18658	49635	1	Standard
	Mn	**55**	**0.699**	ug/L	0.013	1	1282	31799	0	Standard
>	**Ge**	**72**		ug/L			104564	105175	1	KED
	Zn	**66**	**1.024**	ug/L	0.057	5	281	1050	4	KED
	Zn	**67**	**1.091**	ug/L	0.329	30	51	186	20	KED
	Y	**89**		ug/L			742874	766479	1	Standard
	Kr	**83**		ug/L			324	317	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-29
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:07:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	64240	1	Standard
	Cl	**37**		ug/L			7201837	7030347	1	Standard
>	**Sc**	**45**		ug/L			1509537	1648226	1	Standard
	Na	**23**	**1956.466**	ug/L	33.198	1	27457	37344877	0	Standard
	Mg	**24**	**2018.882**	ug/L	56.058	2	4783	53885679	2	Standard
	Al	**27**	**4.489**	ug/L	0.019	0	6826	118181	1	Standard
	K	**39**	**728.249**	ug/L	8.923	1	321709	6499666	0	Standard
	Ca	**44**	**19849.865**	ug/L	544.932	2	9203	26291904	1	Standard
	Fe	**54**	**5.823**	ug/L	0.889	15	74641	93701	1	Standard
	Fe	**57**	**53.351**	ug/L	0.503	0	18658	65982	1	Standard
	Mn	**55**	**2.479**	ug/L	0.037	1	1282	111238	0	Standard
>	**Ge**	**72**		ug/L			104564	105299	0	KED
	Zn	**66**	**0.813**	ug/L	0.062	7	281	893	5	KED
	Zn	**67**	**1.235**	ug/L	0.151	12	51	205	9	KED
	Y	**89**		ug/L			742874	741658	0	Standard
	Kr	**83**		ug/L			324	301	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-30
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:10:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	63883	0	Standard
	Cl	**37**		ug/L			7201837	7031837	1	Standard
>	**Sc**	**45**		ug/L			1509537	1591889	2	Standard
	Na	**23**	**1401.782**	ug/L	10.461	0	27457	25851507	1	Standard
	Mg	**24**	**1567.168**	ug/L	10.864	0	4783	40401848	1	Standard
	Al	**27**	**6.846**	ug/L	0.077	1	6826	170272	1	Standard
	K	**39**	**608.870**	ug/L	5.125	0	321709	5303964	1	Standard
	Ca	**44**	**15823.844**	ug/L	252.213	1	9203	20243851	0	Standard
	Fe	**54**	**9.181**	ug/L	0.738	8	74641	97290	0	Standard
	Fe	**57**	**45.808**	ug/L	2.322	5	18658	57469	1	Standard
	Mn	**55**	**0.131**	ug/L	0.005	4	1282	6969	1	Standard
>	**Ge**	**72**		ug/L			104564	103842	0	KED
	Zn	**66**	**0.131**	ug/L	0.047	36	281	377	9	KED
	Zn	**67**	**0.781**	ug/L	0.124	15	51	146	10	KED
	Y	**89**		ug/L			742874	742983	2	Standard
	Kr	**83**		ug/L			324	291	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-31
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:13:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	63183	1	Standard
	Cl	**37**		ug/L			7201837	7021899	0	Standard
>	**Sc**	**45**		ug/L			1509537	1611541	1	Standard
	Na	**23**	**1486.482**	ug/L	22.927	1	27457	27749071	1	Standard
	Mg	**24**	**1824.910**	ug/L	27.574	1	4783	47624005	1	Standard
	Al	**27**	**4.431**	ug/L	0.031	0	6826	114138	1	Standard
	K	**39**	**663.169**	ug/L	19.899	3	321709	5816362	1	Standard
	Ca	**44**	**18075.881**	ug/L	432.582	2	9203	23410311	1	Standard
	Fe	**54**	**6.323**	ug/L	1.332	21	74641	92621	1	Standard
	Fe	**57**	**48.960**	ug/L	1.304	2	18658	60829	0	Standard
	Mn	**55**	**0.159**	ug/L	0.004	2	1282	8256	0	Standard
>	**Ge**	**72**		ug/L			104564	104388	1	KED
	Zn	**66**	**0.212**	ug/L	0.026	12	281	439	4	KED
	Zn	**67**	**0.691**	ug/L	0.112	16	51	136	11	KED
	Y	**89**		ug/L			742874	740195	1	Standard
	Kr	**83**		ug/L			324	313	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-33
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:17:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	66573	0	Standard
	Cl	**37**		ug/L			7201837	6811764	0	Standard
>	**Sc**	**45**		ug/L			1509537	1597069	1	Standard
	Na	**23**	**1464.015**	ug/L	34.924	2	27457	27081962	0	Standard
	Mg	**24**	**1609.429**	ug/L	37.642	2	4783	41620940	1	Standard
	Al	**27**	**794.601**	ug/L	11.881	1	6826	18996115	0	Standard
	K	**39**	**2645.703**	ug/L	66.568	2	321709	21982023	1	Standard
	Ca	**44**	**17277.042**	ug/L	135.235	0	9203	22178275	1	Standard
	Fe	**54**	**28.135**	ug/L	1.352	4	74641	136127	0	Standard
	Fe	**57**	**67.908**	ug/L	1.998	2	18658	75973	0	Standard
	Mn	**55**	**51.080**	ug/L	0.296	0	1282	2194174	0	Standard
>	**Ge**	**72**		ug/L			104564	102534	0	KED
	Zn	**66**	**86.297**	ug/L	0.275	0	281	63327	0	KED
	Zn	**67**	**82.199**	ug/L	2.230	2	51	9982	2	KED
	Y	**89**		ug/L			742874	742259	0	Standard
	Kr	**83**		ug/L			324	299	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-35
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:21:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	70408	1	Standard
	Cl	**37**		ug/L			7201837	6972235	0	Standard
>	**Sc**	**45**		ug/L			1509537	1587925	1	Standard
	Na	**23**	**554.753**	ug/L	7.213	1	27457	10223040	1	Standard
	Mg	**24**	**388.518**	ug/L	8.100	2	4783	9994127	0	Standard
	Al	**27**	**255.724**	ug/L	4.883	1	6826	6083258	0	Standard
	K	**39**	**350.885**	ug/L	4.412	1	321709	3192416	0	Standard
	Ca	**44**	**3334.431**	ug/L	59.761	1	9203	4263400	1	Standard
	Fe	**54**	**291.784**	ug/L	5.480	1	74641	668085	0	Standard
	Fe	**57**	**283.960**	ug/L	9.865	3	18658	253427	2	Standard
	Mn	**55**	**7.414**	ug/L	0.065	0	1282	317825	0	Standard
>	**Ge**	**72**		ug/L			104564	104461	1	KED
	Zn	**66**	**2.132**	ug/L	0.090	4	281	1868	3	KED
	Zn	**67**	**2.347**	ug/L	0.263	11	51	340	9	KED
	Y	**89**		ug/L			742874	741779	1	Standard
	Kr	**83**		ug/L			324	335	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0046-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:26:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	74886	1	Standard
	Cl	**37**		ug/L			7201837	7502047	0	Standard
>	**Sc**	**45**		ug/L			1509537	1524894	0	Standard
	Na	**23**	**13029.683**	ug/L	308.280	2	27457	229941533	1	Standard
	Mg	**24**	**2722.564**	ug/L	53.100	1	4783	67229969	1	Standard
	Al	**27**	**79.330**	ug/L	0.905	1	6826	1817133	0	Standard
	K	**39**	**2478.316**	ug/L	40.666	1	321709	19683098	0	Standard
	Ca	**44**	**14262.401**	ug/L	210.573	1	9203	17482288	0	Standard
	Fe	**54**	**75.716**	ug/L	1.831	2	74641	222320	0	Standard
	Fe	**57**	**111.964**	ug/L	1.421	1	18658	107394	0	Standard
	Mn	**55**	**108.283**	ug/L	1.123	1	1282	4439743	0	Standard
>	**Ge**	**72**		ug/L			104564	99536	0	KED
	Zn	**66**	**6.518**	ug/L	0.097	1	281	4890	1	KED
	Zn	**67**	**7.082**	ug/L	0.554	7	51	879	6	KED
	Y	**89**		ug/L			742874	730507	1	Standard
	Kr	**83**		ug/L			324	296	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0308-DUP2
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:29:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	81535	1	Standard
	Cl	**37**		ug/L			7201837	7457352	1	Standard
>	**Sc**	**45**		ug/L			1509537	1533763	0	Standard
	Na	**23**	**13029.782**	ug/L	145.071	1	27457	231299623	0	Standard
	Mg	**24**	**2720.480**	ug/L	21.902	0	4783	67577561	1	Standard
	Al	**27**	**80.519**	ug/L	0.672	0	6826	1855042	0	Standard
	K	**39**	**2473.122**	ug/L	28.574	1	321709	19757406	0	Standard
	Ca	**44**	**14087.913**	ug/L	151.706	1	9203	17369518	0	Standard
	Fe	**54**	**75.813**	ug/L	1.512	1	74641	223810	0	Standard
	Fe	**57**	**114.648**	ug/L	1.026	0	18658	110156	0	Standard
	Mn	**55**	**108.461**	ug/L	1.540	1	1282	4472921	0	Standard
>	**Ge**	**72**		ug/L			104564	103086	0	KED
	Zn	**66**	**6.583**	ug/L	0.322	4	281	5112	4	KED
	Zn	**67**	**7.564**	ug/L	0.229	3	51	969	2	KED
	Y	**89**		ug/L			742874	719241	1	Standard
	Kr	**83**		ug/L			324	288	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0308-MS2
Sample Dil Factor: 5
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:33:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass		Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**			ug/L			31943	69508	1	Standard
	Cl	**37**			ug/L			7201837	7514792	0	Standard
>	**Sc**	**45**			ug/L			1509537	1542690	0	Standard
	Na	**23**		**13411.835**	ug/L	160.094	1	27457	239463183	0	Standard
	Mg	**24**		**3478.229**	ug/L	32.096	0	4783	86901058	1	Standard
	Al	**27**		**886.452**	ug/L	8.983	1	6826	20471863	0	Standard
	K	**39**		**3130.995**	ug/L	46.418	1	321709	25073022	1	Standard
	Ca	**44**		**14443.958**	ug/L	445.643	3	9203	17910191	2	Standard
	Fe	**54**		**961.580**	ug/L	2.237	0	74641	1964168	1	Standard
	Fe	**57**		**970.611**	ug/L	7.354	0	18658	795688	1	Standard
	Mn	**55**	STL	**109.348**	ug/L	2.111	1	1282	4535900	1	Standard
>	**Ge**	**72**			ug/L			104564	99023	0	KED
	Zn	**66**		**26.970**	ug/L	0.319	1	281	19298	1	KED
	Zn	**67**		**26.784**	ug/L	0.471	1	51	3174	1	KED
	Y	**89**			ug/L			742874	727428	0	Standard
	Kr	**83**			ug/L			324	332	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:41:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	33001	1	Standard
	Cl	**37**		ug/L			7201837	7208361	2	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1521106	0	Standard
|	**Na**	**23**	**5127.514**	ug/L	56.138	1	27457	90290782	1	Standard
|	**Mg**	**24**	**5255.237**	ug/L	11.240	0	4783	129457437	0	Standard
|	**Al**	**27**	**5252.610**	ug/L	68.459	1	6826	119572743	0	Standard
|	**K**	**39**	**4875.537**	ug/L	74.723	1	321709	38314060	1	Standard
|	**Ca**	**44**	**5058.282**	ug/L	33.759	0	9203	6191320	0	Standard
|	**Fe**	**54**	**5062.535**	ug/L	55.032	1	74641	9875395	1	Standard
|	**Fe**	**57**	**5029.324**	ug/L	92.802	1	18658	3986501	1	Standard
⌊	**Mn**	**55**	**50.428**	ug/L	0.595	1	1282	2063241	0	Standard
⌈>	**Ge**	**72**		ug/L			104564	95946	2	KED
|	**Zn**	**66**	**50.184**	ug/L	0.624	1	281	34566	2	KED
⌊	**Zn**	**67**	**50.489**	ug/L	1.069	2	51	5754	0	KED
	Y	**89**		ug/L			742874	741074	1	Standard
	Kr	**83**		ug/L			324	323	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:47:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	30952	1	Standard
	Cl	**37**		ug/L			7201837	7141023	1	Standard
>	**Sc**	**45**		ug/L			1509537	1484056	1	Standard
	Na	**23**	**0.308**	ug/L	0.089	28	27457	32271	4	Standard
	Mg	**24**	**0.177**	ug/L	0.075	42	4783	8954	19	Standard
	Al	**27**	**0.234**	ug/L	0.077	32	6826	11905	13	Standard
	K	**39**	**1.076**	ug/L	0.609	56	321709	324409	0	Standard
	Ca	**44**	**-0.043**	ug/L	0.017	40	9203	8996	1	Standard
	Fe	**54**	**0.127**	ug/L	0.752	590	74641	73607	0	Standard
	Fe	**57**	**-0.807**	ug/L	0.614	76	18658	17717	1	Standard
	Mn	**55**	**0.010**	ug/L	0.001	7	1282	1655	2	Standard
>	**Ge**	**72**		ug/L			104564	101325	3	KED
	Zn	**66**	**-0.029**	ug/L	0.044	151	281	252	12	KED
	Zn	**67**	**-0.102**	ug/L	0.110	108	51	37	33	KED
	Y	**89**		ug/L			742874	725056	2	Standard
	Kr	**83**		ug/L			324	292	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-20
Sample Dil Factor:
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:50:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	55847	1	Standard
	Cl	**37**		ug/L			7201837	7112277	2	Standard
>	**Sc**	**45**		ug/L			1509537	1550456	2	Standard
	Na	**23**	**78.585**	ug/L	0.623	0	27457	1438170	1	Standard
	Mg	**24**	**3.785**	ug/L	0.121	3	4783	99897	1	Standard
	Al	**27**	**11.841**	ug/L	0.287	2	6826	281666	0	Standard
	K	**39**	**10.104**	ug/L	0.916	9	321709	410579	0	Standard
	Ca	**44**	**34.448**	ug/L	0.250	0	9203	52362	1	Standard
	Fe	**54**	**18.156**	ug/L	0.433	2	74641	112482	1	Standard
	Fe	**57**	**10.229**	ug/L	0.548	5	18658	27384	1	Standard
	Mn	**55**	**0.983**	ug/L	0.016	1	1282	42289	1	Standard
>	**Ge**	**72**		ug/L			104564	103781	0	KED
	Zn	**66**	**0.562**	ug/L	0.002	0	281	695	0	KED
	Zn	**67**	**0.460**	ug/L	0.096	20	51	107	11	KED
	Y	**89**		ug/L			742874	742618	0	Standard
	Kr	**83**		ug/L			324	293	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-05
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:53:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	51317	0	Standard
	Cl	**37**		ug/L			7201837	6911052	1	Standard
>	**Sc**	**45**		ug/L			1509537	1541131	1	Standard
	Na	**23**	**625.835**	ug/L	6.406	1	27457	11189262	0	Standard
	Mg	**24**	**991.667**	ug/L	19.993	2	4783	24750161	1	Standard
	Al	**27**	**289.743**	ug/L	5.246	1	6826	6688770	1	Standard
	K	**39**	**684.568**	ug/L	18.524	2	321709	5731701	1	Standard
	Ca	**44**	**6911.575**	ug/L	144.876	2	9203	8567544	2	Standard
	Fe	**54**	**43.822**	ug/L	0.604	1	74641	162143	0	Standard
	Fe	**57**	**60.681**	ug/L	2.718	4	18658	67549	3	Standard
	Mn	**55**	**263.806**	ug/L	6.399	2	1282	10928201	1	Standard
>	**Ge**	**72**		ug/L			104564	102623	0	KED
	Zn	**66**	**43.523**	ug/L	0.227	0	281	32102	0	KED
	Zn	**67**	**40.670**	ug/L	1.810	4	51	4968	4	KED
	Y	**89**		ug/L			742874	756422	1	Standard
	Kr	**83**		ug/L			324	345	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP6
Sample Dil Factor: 2
Comments:
Sample Date/Time: Thursday, July 15, 2021 23:57:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	50649	1	Standard
	Cl	37		ug/L			7201837	6864920	1	Standard
>	Sc	45		ug/L			1509537	1537271	1	Standard
	Na	23	614.366	ug/L	0.874	0	27457	10958080	1	Standard
	Mg	24	984.570	ug/L	22.768	2	4783	24511881	1	Standard
	Al	27	281.511	ug/L	4.502	1	6826	6482690	0	Standard
	K	39	656.514	ug/L	6.281	0	321709	5497399	0	Standard
	Ca	44	6832.416	ug/L	83.428	1	9203	8447819	0	Standard
	Fe	54	42.448	ug/L	0.998	2	74641	159045	0	Standard
	Fe	57	57.186	ug/L	0.718	1	18658	64591	0	Standard
	Mn	55	254.551	ug/L	2.144	0	1282	10520186	1	Standard
>	Ge	72		ug/L			104564	102967	0	KED
	Zn	66	42.382	ug/L	0.794	1	281	31372	1	KED
	Zn	67	38.314	ug/L	0.243	0	51	4699	0	KED
	Y	89		ug/L			742874	762013	1	Standard
	Kr	83		ug/L			324	298	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS6
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 00:00:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	48377	1	Standard
	Cl	**37**		ug/L			7201837	6928687	1	Standard
>	**Sc**	**45**		ug/L			1509537	1582667	1	Standard
	Na	**23**	**3108.558**	ug/L	40.277	1	27457	56959857	0	Standard
	Mg	**24**	**3519.332**	ug/L	35.574	1	4783	90199902	0	Standard
	Al	**27**	**2762.471**	ug/L	49.047	1	6826	65426876	0	Standard
	K	**39**	**3055.470**	ug/L	23.167	0	321709	25108556	0	Standard
	Ca	**44**	**9231.889**	ug/L	117.074	1	9203	11749799	2	Standard
	Fe	**54**	**2539.280**	ug/L	22.077	0	74641	5192462	0	Standard
	Fe	**57**	**2565.486**	ug/L	25.340	0	18658	2125299	0	Standard
	Mn	**55**	**261.390**	ug/L	0.436	0	1282	11121911	1	Standard
>	**Ge**	**72**		ug/L			104564	102705	1	KED
	Zn	**66**	**82.966**	ug/L	0.253	0	281	60992	1	KED
	Zn	**67**	**78.056**	ug/L	2.031	2	51	9495	0	KED
	Y	**89**		ug/L			742874	767944	2	Standard
	Kr	**83**		ug/L			324	344	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD6
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 00:05:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	47923	0	Standard
	Cl	37		ug/L			7201837	6951318	1	Standard
>	Sc	45		ug/L			1509537	1536733	1	Standard
	Na	23	3107.454	ug/L	55.903	1	27457	55283519	0	Standard
	Mg	24	3630.092	ug/L	136.703	3	4783	90312142	2	Standard
	Al	27	2853.132	ug/L	49.248	1	6826	65613041	0	Standard
	K	39	3087.821	ug/L	79.647	2	321709	24630479	1	Standard
	Ca	44	9358.625	ug/L	308.370	3	9203	11561165	1	Standard
	Fe	54	2563.454	ug/L	67.007	2	74641	5088226	1	Standard
	Fe	57	2609.493	ug/L	47.296	1	18658	2098543	1	Standard
	Mn	55	266.245	ug/L	5.068	1	1282	10997939	0	Standard
>	Ge	72		ug/L			104564	102139	0	KED
	Zn	66	82.020	ug/L	0.716	0	281	59972	1	KED
	Zn	67	76.382	ug/L	1.331	1	51	9243	1	KED
	Y	89		ug/L			742874	754734	2	Standard
	Kr	83		ug/L			324	314	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0139-02
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 00:12:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	42883	0	Standard
	Cl	**37**		ug/L			7201837	6915638	0	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1602977	0	Standard
|	**Na**	**23**	**5750.340**	ug/L	96.436	1	27457	106699920	1	Standard
|	**Mg**	**24**	**1417.139**	ug/L	24.372	1	4783	36788405	0	Standard
|	**Al**	**27**	**2.128**	ug/L	0.029	1	6826	58288	0	Standard
|	**K**	**39**	**539.087**	ug/L	14.382	2	321709	4767694	1	Standard
|	**Ca**	**44**	**4420.233**	ug/L	69.029	1	9203	5702274	0	Standard
|	**Fe**	**54**	**4.602**	ug/L	0.751	16	74641	88641	0	Standard
|	**Fe**	**57**	**17.405**	ug/L	1.194	6	18658	34279	2	Standard
⌊	**Mn**	**55**	**89.395**	ug/L	1.346	1	1282	3853117	0	Standard
⌈>	**Ge**	**72**		ug/L			104564	97798	0	KED
|	**Zn**	**66**	**0.299**	ug/L	0.047	15	281	472	7	KED
⌊	**Zn**	**67**	**0.491**	ug/L	0.067	13	51	104	7	KED
	Y	**89**		ug/L			742874	739705	1	Standard
	Kr	**83**		ug/L			324	316	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-DUP3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 00:15:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	44427	1	Standard
	Cl	**37**		ug/L			7201837	6971695	1	Standard
>	**Sc**	**45**		ug/L			1509537	1593632	0	Standard
	Na	**23**	**5904.380**	ug/L	99.969	1	27457	108921786	1	Standard
	Mg	**24**	**1456.930**	ug/L	20.230	1	4783	37603437	1	Standard
	Al	**27**	**2.026**	ug/L	0.040	1	6826	55515	1	Standard
	K	**39**	**558.039**	ug/L	8.378	1	321709	4895391	1	Standard
	Ca	**44**	**4474.364**	ug/L	31.559	0	9203	5738870	0	Standard
	Fe	**54**	**5.196**	ug/L	0.965	18	74641	89334	1	Standard
	Fe	**57**	**17.023**	ug/L	0.268	1	18658	33767	0	Standard
	Mn	**55**	**91.231**	ug/L	1.576	1	1282	3909682	1	Standard
>	**Ge**	**72**		ug/L			104564	102440	1	KED
	Zn	**66**	**0.413**	ug/L	0.035	8	281	577	5	KED
	Zn	**67**	**0.478**	ug/L	0.108	22	51	107	10	KED
	Y	**89**		ug/L			742874	733020	2	Standard
	Kr	**83**		ug/L			324	310	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MS3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 00:19:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	43547	0	Standard
	Cl	**37**		ug/L			7201837	6910920	0	Standard
>	**Sc**	**45**		ug/L			1509537	1577670	0	Standard
	Na	**23**	**6612.910**	ug/L	162.309	2	27457	120762068	2	Standard
	Mg	**24**	**2444.958**	ug/L	50.619	2	4783	62468710	1	Standard
	Al	**27**	**1027.546**	ug/L	20.589	2	6826	24266374	1	Standard
	K	**39**	**1495.396**	ug/L	10.499	0	321709	12421794	0	Standard
	Ca	**44**	**5295.917**	ug/L	161.704	3	9203	6722266	2	Standard
	Fe	**54**	**1002.526**	ug/L	15.474	1	74641	2090868	1	Standard
	Fe	**57**	**1097.983**	ug/L	13.405	1	18658	917902	0	Standard
	Mn	**55**	STL **92.705**	ug/L	0.399	0	1282	3932952	0	Standard
>	**Ge**	**72**		ug/L			104564	99961	1	KED
	Zn	**66**	**17.083**	ug/L	0.519	3	281	12433	1	KED
	Zn	**67**	**16.436**	ug/L	0.384	2	51	1984	0	KED
	Y	**89**		ug/L			742874	740119	0	Standard
	Kr	**83**		ug/L			324	349	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0520-MSD3
Sample Dil Factor: 5
Comments:
Sample Date/Time: Friday, July 16, 2021 00:24:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			31943	44321	0	Standard
	Cl	37		ug/L			7201837	6906386	0	Standard
>	Sc	45		ug/L			1509537	1607942	0	Standard
	Na	23	6583.860	ug/L	34.801	0	27457	122543464	0	Standard
	Mg	24	2369.973	ug/L	17.568	0	4783	61717278	0	Standard
	Al	27	1005.311	ug/L	13.234	1	6826	24197109	0	Standard
	K	39	1473.451	ug/L	5.525	0	321709	12479464	0	Standard
	Ca	44	5300.086	ug/L	8.616	0	9203	6857103	0	Standard
	Fe	54	992.333	ug/L	22.172	2	74641	2109998	1	Standard
	Fe	57	1065.639	ug/L	9.561	0	18658	908567	1	Standard
	Mn	55	STL 90.393	ug/L	0.832	0	1282	3908383	0	Standard
>	Ge	72		ug/L			104564	102478	1	KED
	Zn	66	16.727	ug/L	0.220	1	281	12491	2	KED
	Zn	67	16.180	ug/L	0.240	1	51	2004	2	KED
	Y	89		ug/L			742874	755691	1	Standard
	Kr	83		ug/L			324	289	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:30:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	42014	0	Standard
	Cl	**37**		ug/L			7201837	6848722	1	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1484526	0	Standard
|	**Na**	**23**	**0.004**	ug/L	0.028	648	27457	27073	0	Standard
|	**Mg**	**24**	**0.151**	ug/L	0.008	5	4783	8345	2	Standard
|	**Al**	**27**	**0.084**	ug/L	0.012	13	6826	8575	3	Standard
|	**K**	**39**	**-0.843**	ug/L	0.217	25	321709	309960	0	Standard
|	**Ca**	**44**	**-0.634**	ug/L	0.162	25	9203	8294	2	Standard
|	**Fe**	**54**	**-1.173**	ug/L	0.546	46	74641	71183	0	Standard
|	**Fe**	**57**	**-0.981**	ug/L	0.395	40	18658	17593	1	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	30	1282	1349	1	Standard
⌈>	**Ge**	**72**		ug/L			104564	97659	1	KED
|	**Zn**	**66**	**-0.036**	ug/L	0.027	76	281	238	7	KED
⌊	**Zn**	**67**	**-0.048**	ug/L	0.077	161	51	42	20	KED
	Y	**89**		ug/L			742874	715354	0	Standard
	Kr	**83**		ug/L			324	317	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:34:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	33144	2	Standard
	Cl	**37**		ug/L			7201837	7242947	1	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1515860	1	Standard
|	**Na**	**23**	**5090.542**	ug/L	91.679	1	27457	89318845	0	Standard
|	**Mg**	**24**	**5264.353**	ug/L	124.049	2	4783	129211135	1	Standard
|	**Al**	**27**	**5143.657**	ug/L	93.348	1	6826	116680182	1	Standard
|	**K**	**39**	**4929.285**	ug/L	25.794	0	321709	38600288	1	Standard
|	**Ca**	**44**	**4998.287**	ug/L	69.844	1	9203	6096229	0	Standard
|	**Fe**	**54**	**5064.818**	ug/L	57.320	1	74641	9845285	1	Standard
|	**Fe**	**57**	**5015.123**	ug/L	106.544	2	18658	3961041	1	Standard
⌊	**Mn**	**55**	**50.183**	ug/L	0.871	1	1282	2046082	1	Standard
⌈>	**Ge**	**72**		ug/L			104564	100975	0	KED
|	**Zn**	**66**	**50.315**	ug/L	0.076	0	281	36474	0	KED
⌊	**Zn**	**67**	**50.348**	ug/L	1.700	3	51	6040	2	KED
	Y	**89**		ug/L			742874	742165	1	Standard
	Kr	**83**		ug/L			324	319	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:40:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			31943	31111	2	Standard
	Cl	**37**		ug/L			7201837	7016455	0	Standard
⌈>	**Sc**	**45**		ug/L			1509537	1497677	1	Standard
|	**Na**	**23**	**0.262**	ug/L	0.017	6	27457	31784	1	Standard
|	**Mg**	**24**	**0.091**	ug/L	0.012	12	4783	6958	5	Standard
|	**Al**	**27**	**0.168**	ug/L	0.017	10	6826	10538	4	Standard
|	**K**	**39**	**0.041**	ug/L	0.568	1370	321709	319460	0	Standard
|	**Ca**	**44**	**-0.170**	ug/L	0.082	48	9203	8926	0	Standard
|	**Fe**	**54**	**-0.736**	ug/L	0.507	68	74641	72646	0	Standard
|	**Fe**	**57**	**0.843**	ug/L	0.561	66	18658	19163	1	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	11	1282	1578	0	Standard
⌈>	**Ge**	**72**		ug/L			104564	97898	2	KED
|	**Zn**	**66**	**0.007**	ug/L	0.024	341	281	268	4	KED
⌊	**Zn**	**67**	**-0.077**	ug/L	0.047	61	51	39	15	KED
	Y	**89**		ug/L			742874	726629	0	Standard
	Kr	**83**		ug/L			324	313	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:44:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				30914	1	Standard
	Cl	**37**		ug/L				6981290	1	Standard
⌈>	**Sc**	**45**		ug/L				1492312	2	Standard
|	**Na**	**23**		ug/L				27578	1	Standard
|	**Mg**	**24**		ug/L				5189	3	Standard
|	**Al**	**27**		ug/L				9166	2	Standard
|	**K**	**39**		ug/L				318667	0	Standard
|	**Ca**	**44**		ug/L				8570	2	Standard
|	**Fe**	**54**		ug/L				73091	1	Standard
|	**Fe**	**57**		ug/L				19491	0	Standard
⌊	**Mn**	**55**		ug/L				1570	1	Standard
⌈>	**Ge**	**72**		ug/L				104273	0	KED
|	**Zn**	**66**		ug/L				288	9	KED
⌊	**Zn**	**67**		ug/L				38	17	KED
	Y	**89**		ug/L				719025	1	Standard
	Kr	**83**		ug/L				306	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:47:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	32403	1	Standard
	Cl	**37**		ug/L			6981290	7203814	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1527543	1	Standard
|	**Na**	**23**	**5032.863**	ug/L	82.868	1	27578	88988230	0	Standard
|	**Mg**	**24**	**5173.139**	ug/L	169.979	3	5189	127936869	1	Standard
|	**Al**	**27**	**5124.579**	ug/L	107.131	2	9166	117136134	0	Standard
|	**K**	**39**	**4863.311**	ug/L	103.757	2	318667	38376912	1	Standard
|	**Ca**	**44**	**5031.969**	ug/L	171.428	3	8570	6182867	2	Standard
|	**Fe**	**54**	**5014.580**	ug/L	125.314	2	73091	9821138	1	Standard
|	**Fe**	**57**	**4966.992**	ug/L	132.351	2	19491	3954179	1	Standard
⌊	**Mn**	**55**	**49.923**	ug/L	1.477	2	1570	2051017	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	102133	1	KED
|	**Zn**	**66**	**50.046**	ug/L	1.077	2	288	36697	1	KED
⌊	**Zn**	**67**	**49.236**	ug/L	0.545	1	38	5963	1	KED
	Y	**89**		ug/L			719025	755573	0	Standard
	Kr	**83**		ug/L			306	299	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:53:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	30600	0	Standard
	Cl	**37**		ug/L			6981290	7043106	2	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1474612	2	Standard
|	**Na**	**23**	**0.150**	ug/L	0.018	11	27578	29802	1	Standard
|	**Mg**	**24**	**0.050**	ug/L	0.013	25	5189	6327	2	Standard
|	**Al**	**27**	**0.056**	ug/L	0.012	22	9166	10290	1	Standard
|	**K**	**39**	**1.342**	ug/L	1.011	75	318667	324920	0	Standard
|	**Ca**	**44**	**-0.032**	ug/L	0.254	807	8570	8428	2	Standard
|	**Fe**	**54**	**0.709**	ug/L	0.958	135	73091	73530	1	Standard
|	**Fe**	**57**	**-0.485**	ug/L	0.032	6	19491	18889	2	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	200	1570	1562	2	Standard
⌈>	**Ge**	**72**		ug/L			104273	105636	4	KED
|	**Zn**	**66**	**-0.057**	ug/L	0.020	35	288	249	2	KED
⌊	**Zn**	**67**	**0.010**	ug/L	0.045	434	38	40	17	KED
	Y	**89**		ug/L			719025	723233	2	Standard
	Kr	**83**		ug/L			306	295	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0306-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 00:56:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	46467	1	Standard
	Cl	**37**		ug/L			6981290	6784388	5	Standard
>	**Sc**	**45**		ug/L			1492312	1340685	17	Standard
	Na	**23**	**2.818**	ug/L	0.628	22	27578	67344	5	Standard
	Mg	**24**	**0.588**	ug/L	0.116	19	5189	17136	4	Standard
	Al	**27**	**2.369**	ug/L	0.372	15	9166	54879	5	Standard
	K	**39**	**7.545**	ug/L	8.925	118	318667	330844	1	Standard
	Ca	**44**	**7.615**	ug/L	1.952	25	8570	15653	6	Standard
	Fe	**54**	**9.405**	ug/L	11.084	117	73091	79470	3	Standard
	Fe	**57**	**2.430**	ug/L	3.887	159	19491	18880	5	Standard
	Mn	**55**	**0.122**	ug/L	0.026	21	1570	5682	3	Standard
>	**Ge**	**72**		ug/L			104273	101085	0	KED
	Zn	**66**	**-0.016**	ug/L	0.039	241	288	268	10	KED
	Zn	**67**	**-0.006**	ug/L	0.042	671	38	36	13	KED
	Y	**89**		ug/L			719025	656940	17	Standard
	Kr	**83**		ug/L			306	307	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0306-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:00:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	50763	2	Standard
	Cl	**37**		ug/L			6981290	7275476	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1512228	1	Standard
|	**Na**	**23**	**4947.152**	ug/L	22.676	0	27578	86605321	0	Standard
|	**Mg**	**24**	**5203.959**	ug/L	46.891	0	5189	127439456	0	Standard
|	**Al**	**27**	**5008.005**	ug/L	46.967	0	9166	113351464	1	Standard
|	**K**	**39**	**4822.945**	ug/L	63.229	1	318667	37681829	0	Standard
|	**Ca**	**44**	**4809.782**	ug/L	16.787	0	8570	5852819	1	Standard
|	**Fe**	**54**	**4919.187**	ug/L	42.483	0	73091	9540627	0	Standard
|	**Fe**	**57**	**4931.150**	ug/L	84.972	1	19491	3886854	0	Standard
⌊	**Mn**	**55**	**98.561**	ug/L	0.920	0	1570	4008192	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	102259	1	KED
|	**Zn**	**66**	**304.271**	ug/L	3.609	1	288	221979	1	KED
⌊	**Zn**	**67**	**288.145**	ug/L	6.869	2	38	34754	1	KED
	Y	**89**		ug/L			719025	727025	1	Standard
	Kr	**83**		ug/L			306	340	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-35
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:03:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	56693	1	Standard
	Cl	**37**		ug/L			6981290	7202602	1	Standard
>	**Sc**	**45**		ug/L			1492312	1486480	1	Standard
	Na	**23**	**43.661**	ug/L	0.428	0	27578	778547	1	Standard
	Mg	**24**	**9.010**	ug/L	0.078	0	5189	222082	1	Standard
	Al	**27**	**17.119**	ug/L	0.094	0	9166	389936	0	Standard
	K	**39**	**18.705**	ug/L	0.790	4	318667	459809	0	Standard
	Ca	**44**	**55.792**	ug/L	0.349	0	8570	75174	1	Standard
	Fe	**54**	**28.077**	ug/L	0.612	2	73091	125911	0	Standard
	Fe	**57**	**19.248**	ug/L	0.674	3	19491	34251	1	Standard
	Mn	**55**	**0.699**	ug/L	0.010	1	1570	29474	0	Standard
>	**Ge**	**72**		ug/L			104273	101270	0	KED
	Zn	**66**	**1.318**	ug/L	0.069	5	288	1231	3	KED
	Zn	**67**	**1.467**	ug/L	0.063	4	38	212	2	KED
	Y	**89**		ug/L			719025	724961	0	Standard
	Kr	**83**		ug/L			306	313	24	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-39
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:06:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	56914	1	Standard
	Cl	**37**		ug/L			6981290	7043712	0	Standard
>	**Sc**	**45**		ug/L			1492312	1486582	3	Standard
	Na	**23**	**2.761**	ug/L	0.182	6	27578	74913	1	Standard
	Mg	**24**	**1.006**	ug/L	0.075	7	5189	29360	3	Standard
	Al	**27**	**7.231**	ug/L	0.345	4	9166	169848	1	Standard
	K	**39**	**2.669**	ug/L	1.513	56	318667	337529	0	Standard
	Ca	**44**	**6.156**	ug/L	0.583	9	8570	15876	1	Standard
	Fe	**54**	**6.193**	ug/L	0.566	9	73091	84508	2	Standard
	Fe	**57**	**-0.130**	ug/L	1.247	957	19491	19295	1	Standard
	Mn	**55**	**0.045**	ug/L	0.004	7	1570	3364	1	Standard
>	**Ge**	**72**		ug/L			104273	100623	1	KED
	Zn	**66**	**0.169**	ug/L	0.030	17	288	400	4	KED
	Zn	**67**	**0.211**	ug/L	0.174	82	38	61	32	KED
	Y	**89**		ug/L			719025	731727	2	Standard
	Kr	**83**		ug/L			306	357	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-40
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:10:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	58121	1	Standard
	Cl	37		ug/L			6981290	7035527	0	Standard
>	Sc	45		ug/L			1492312	1488039	0	Standard
	Na	23	4.144	ug/L	0.078	1	27578	98859	0	Standard
	Mg	24	1.681	ug/L	0.012	0	5189	45672	1	Standard
	Al	27	2.320	ug/L	0.013	0	9166	60799	0	Standard
	K	39	3.079	ug/L	0.215	6	318667	341217	0	Standard
	Ca	44	10.010	ug/L	0.294	2	8570	20514	2	Standard
	Fe	54	2.584	ug/L	0.354	13	73091	77771	0	Standard
	Fe	57	-0.925	ug/L	0.245	26	19491	18720	0	Standard
	Mn	55	0.025	ug/L	0.001	2	1570	2546	1	Standard
>	Ge	72		ug/L			104273	101882	0	KED
	Zn	66	0.154	ug/L	0.036	23	288	394	6	KED
	Zn	67	0.293	ug/L	0.056	19	38	72	9	KED
	Y	89		ug/L			719025	725709	1	Standard
	Kr	83		ug/L			306	293	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-21
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:13:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	61828	0	Standard
	Cl	**37**		ug/L			6981290	6938994	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1539738	0	Standard
|	**Na**	**23**	**566.666**	ug/L	4.042	0	27578	10126071	0	Standard
|	**Mg**	**24**	**483.808**	ug/L	5.249	1	5189	12068496	0	Standard
|	**Al**	**27**	**102.162**	ug/L	2.118	2	9166	2363567	2	Standard
|	**K**	**39**	**526.297**	ug/L	4.478	0	318667	4479994	0	Standard
|	**Ca**	**44**	**3474.118**	ug/L	15.281	0	8570	4306756	0	Standard
|	**Fe**	**54**	**117.476**	ug/L	0.456	0	73091	305613	0	Standard
|	**Fe**	**57**	**117.589**	ug/L	3.268	2	19491	114006	1	Standard
⌊	**Mn**	**55**	**2.551**	ug/L	0.029	1	1570	107196	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	103648	2	KED
|	**Zn**	**66**	**0.617**	ug/L	0.045	7	288	742	2	KED
⌊	**Zn**	**67**	**0.969**	ug/L	0.081	8	38	156	5	KED
	Y	**89**		ug/L			719025	740097	1	Standard
	Kr	**83**		ug/L			306	284	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0617-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:16:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	59589	2	Standard
	Cl	**37**		ug/L			6981290	6788250	0	Standard
>	**Sc**	**45**		ug/L			1492312	1546477	1	Standard
	Na	**23**	**553.944**	ug/L	13.009	2	27578	9940634	0	Standard
	Mg	**24**	**470.970**	ug/L	13.324	2	5189	11797934	1	Standard
	Al	**27**	**99.775**	ug/L	2.408	2	9166	2318242	1	Standard
	K	**39**	**509.489**	ug/L	8.487	1	318667	4366009	0	Standard
	Ca	**44**	**3429.849**	ug/L	61.065	1	8570	4270205	1	Standard
	Fe	**54**	**116.046**	ug/L	0.921	0	73091	304121	0	Standard
	Fe	**57**	**113.846**	ug/L	3.138	2	19491	111488	0	Standard
	Mn	**55**	**2.506**	ug/L	0.040	1	1570	105795	2	Standard
>	**Ge**	**72**		ug/L			104273	102059	2	KED
	Zn	**66**	**0.582**	ug/L	0.016	2	288	706	3	KED
	Zn	**67**	**1.038**	ug/L	0.252	24	38	162	20	KED
	Y	**89**		ug/L			719025	743649	1	Standard
	Kr	**83**		ug/L			306	299	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0617-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:20:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	54473	2	Standard
	Cl	**37**		ug/L			6981290	7007756	1	Standard
>	**Sc**	**45**		ug/L			1492312	1553732	1	Standard
	Na	**23**	**5414.871**	ug/L	45.588	0	27578	97388710	0	Standard
	Mg	**24**	**5467.818**	ug/L	88.573	1	5189	137568472	1	Standard
	Al	**27**	**5033.805**	ug/L	54.151	1	9166	117058085	1	Standard
	K	**39**	**5303.200**	ug/L	7.715	0	318667	42541364	1	Standard
	Ca	**44**	**8090.348**	ug/L	74.022	0	8570	10108422	1	Standard
	Fe	**54**	**4978.225**	ug/L	84.474	1	73091	9918338	0	Standard
	Fe	**57**	**4932.658**	ug/L	53.827	1	19491	3994801	0	Standard
	Mn	**55**	**29.240**	ug/L	0.355	1	1570	1222778	0	Standard
>	**Ge**	**72**		ug/L			104273	100344	1	KED
	Zn	**66**	**77.625**	ug/L	0.843	1	288	55776	0	KED
	Zn	**67**	**74.958**	ug/L	0.506	0	38	8901	1	KED
	Y	**89**		ug/L			719025	741112	1	Standard
	Kr	**83**		ug/L			306	319	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0617-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:25:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	57337	0	Standard
	Cl	**37**		ug/L			6981290	7036318	0	Standard
>	**Sc**	**45**		ug/L			1492312	1549063	0	Standard
	Na	**23**	**5631.235**	ug/L	88.285	1	27578	100978988	1	Standard
	Mg	**24**	**5656.431**	ug/L	22.782	0	5189	141900330	0	Standard
	Al	**27**	**5236.890**	ug/L	55.751	1	9166	121410666	0	Standard
	K	**39**	**5503.424**	ug/L	27.743	0	318667	44003058	0	Standard
	Ca	**44**	**8525.731**	ug/L	21.645	0	8570	10620155	0	Standard
	Fe	**54**	**5230.623**	ug/L	90.031	1	73091	10387730	1	Standard
	Fe	**57**	**5145.161**	ug/L	56.971	1	19491	4153988	1	Standard
	Mn	**55**	**30.359**	ug/L	0.359	1	1570	1265822	1	Standard
>	**Ge**	**72**		ug/L			104273	100878	0	KED
	Zn	**66**	**80.383**	ug/L	0.910	1	288	58056	0	KED
	Zn	**67**	**76.550**	ug/L	1.739	2	38	9136	1	KED
	Y	**89**		ug/L			719025	740751	0	Standard
	Kr	**83**		ug/L			306	311	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:31:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	40861	2	Standard
	Cl	**37**		ug/L			6981290	6718394	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1440876	1	Standard
|	**Na**	**23**	**0.033**	ug/L	0.012	36	27578	27183	1	Standard
|	**Mg**	**24**	**0.175**	ug/L	0.005	2	5189	9084	0	Standard
|	**Al**	**27**	**0.077**	ug/L	0.003	3	9166	10504	1	Standard
|	**K**	**39**	**1.444**	ug/L	0.581	40	318667	318311	0	Standard
|	**Ca**	**44**	**-0.220**	ug/L	0.075	34	8570	8019	1	Standard
|	**Fe**	**54**	**0.331**	ug/L	0.360	108	73091	71179	1	Standard
|	**Fe**	**57**	**-2.465**	ug/L	0.276	11	19491	16977	2	Standard
⌊	**Mn**	**55**	**-0.009**	ug/L	0.001	6	1570	1180	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	96629	1	KED
|	**Zn**	**66**	**-0.040**	ug/L	0.027	67	288	240	6	KED
⌊	**Zn**	**67**	**-0.036**	ug/L	0.051	138	38	31	17	KED
	Y	**89**		ug/L			719025	717586	1	Standard
	Kr	**83**		ug/L			306	325	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:35:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	32425	0	Standard
	Cl	**37**		ug/L			6981290	7052490	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1475571	0	Standard
|	**Na**	**23**	**4952.517**	ug/L	26.733	0	27578	84599253	0	Standard
|	**Mg**	**24**	**5141.463**	ug/L	45.732	0	5189	122862270	0	Standard
|	**Al**	**27**	**5006.747**	ug/L	70.179	1	9166	110566817	1	Standard
|	**K**	**39**	**4902.756**	ug/L	32.270	0	318667	37374413	0	Standard
|	**Ca**	**44**	**4904.998**	ug/L	121.806	2	8570	5823469	2	Standard
|	**Fe**	**54**	**5029.534**	ug/L	28.767	0	73091	9517049	0	Standard
|	**Fe**	**57**	**5005.152**	ug/L	45.724	0	19491	3849658	0	Standard
⌊	**Mn**	**55**	**50.010**	ug/L	0.112	0	1570	1985242	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	98856	2	KED
|	**Zn**	**66**	**49.381**	ug/L	0.403	0	288	35058	2	KED
⌊	**Zn**	**67**	**49.956**	ug/L	1.360	2	38	5854	2	KED
	Y	**89**		ug/L			719025	733737	0	Standard
	Kr	**83**		ug/L			306	319	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:41:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	30597	1	Standard
	Cl	**37**		ug/L			6981290	6992388	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1440503	0	Standard
|	**Na**	**23**	**-0.050**	ug/L	0.027	54	27578	25793	1	Standard
|	**Mg**	**24**	**0.020**	ug/L	0.001	6	5189	5478	1	Standard
|	**Al**	**27**	**-0.106**	ug/L	0.007	6	9166	6553	2	Standard
|	**K**	**39**	**2.244**	ug/L	0.381	16	318667	324147	0	Standard
|	**Ca**	**44**	**-0.452**	ug/L	0.070	15	8570	7749	1	Standard
|	**Fe**	**54**	**0.910**	ug/L	0.688	75	73091	72223	2	Standard
|	**Fe**	**57**	**-1.329**	ug/L	0.242	18	19491	17820	0	Standard
⌊	**Mn**	**55**	**-0.010**	ug/L	0.002	22	1570	1119	7	Standard
⌈>	**Ge**	**72**		ug/L			104273	96713	2	KED
|	**Zn**	**66**	**-0.109**	ug/L	0.015	13	288	193	5	KED
⌊	**Zn**	**67**	**-0.043**	ug/L	0.053	121	38	30	21	KED
	Y	**89**		ug/L			719025	708539	2	Standard
	Kr	**83**		ug/L			306	297	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-50
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:45:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	55308	0	Standard
	Cl	**37**		ug/L			6981290	6875689	0	Standard
>	**Sc**	**45**		ug/L			1492312	1459914	0	Standard
	Na	**23**	**1.819**	ug/L	0.077	4	27578	57708	1	Standard
	Mg	**24**	**0.937**	ug/L	0.023	2	5189	27237	1	Standard
	Al	**27**	**2.166**	ug/L	0.033	1	9166	56282	0	Standard
	K	**39**	**2.290**	ug/L	0.503	21	318667	328850	0	Standard
	Ca	**44**	**8.584**	ug/L	0.061	0	8570	18453	1	Standard
	Fe	**54**	**6.806**	ug/L	0.513	7	73091	84144	0	Standard
	Fe	**57**	**0.365**	ug/L	0.365	100	19491	19343	1	Standard
	Mn	**55**	**0.068**	ug/L	0.002	2	1570	4209	1	Standard
>	**Ge**	**72**		ug/L			104273	100809	0	KED
	Zn	**66**	**-0.002**	ug/L	0.011	653	288	278	3	KED
	Zn	**67**	**-0.032**	ug/L	0.065	200	38	33	23	KED
	Y	**89**		ug/L			719025	725704	1	Standard
	Kr	**83**		ug/L			306	306	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-28
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:48:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	53047	1	Standard
	Cl	**37**		ug/L			6981290	6643978	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1490281	2	Standard
|	**Na**	**23**	**606.113**	ug/L	6.670	1	27578	10480288	1	Standard
|	**Mg**	**24**	**425.067**	ug/L	9.202	2	5189	10261037	1	Standard
|	**Al**	**27**	**62.436**	ug/L	0.488	0	9166	1401581	2	Standard
|	**K**	**39**	**395.311**	ug/L	10.501	2	318667	3334978	0	Standard
|	**Ca**	**44**	**4335.702**	ug/L	23.674	0	8570	5199695	1	Standard
|	**Fe**	**54**	**66.509**	ug/L	2.952	4	73091	199048	0	Standard
|	**Fe**	**57**	**74.114**	ug/L	3.114	4	19491	76716	1	Standard
⌊	**Mn**	**55**	**2.682**	ug/L	0.047	1	1570	108964	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	100203	2	KED
|	**Zn**	**66**	**5.901**	ug/L	0.135	2	288	4488	0	KED
⌊	**Zn**	**67**	**6.069**	ug/L	0.484	7	38	753	9	KED
	Y	**89**		ug/L			719025	731985	2	Standard
	Kr	**83**		ug/L			306	311	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0615-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:51:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	55933	1	Standard
	Cl	37		ug/L			6981290	6626184	0	Standard
>	Sc	45		ug/L			1492312	1492405	1	Standard
	Na	23	602.661	ug/L	6.458	1	27578	10435740	0	Standard
	Mg	24	432.886	ug/L	4.683	1	5189	10466871	1	Standard
	Al	27	62.851	ug/L	0.762	1	9166	1412927	1	Standard
	K	39	395.837	ug/L	2.711	0	318667	3345071	1	Standard
	Ca	44	4375.862	ug/L	30.805	0	8570	5255435	0	Standard
	Fe	54	65.139	ug/L	0.332	0	73091	196814	1	Standard
	Fe	57	71.548	ug/L	0.690	0	19491	74874	1	Standard
	Mn	55	2.715	ug/L	0.030	1	1570	110477	0	Standard
>	Ge	72		ug/L			104273	100357	1	KED
	Zn	66	6.233	ug/L	0.060	0	288	4736	2	KED
	Zn	67	6.151	ug/L	0.415	6	38	763	5	KED
	Y	89		ug/L			719025	725590	1	Standard
	Kr	83		ug/L			306	321	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0615-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 01:55:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	58455	2	Standard
	Cl	**37**		ug/L			6981290	6824378	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1517091	0	Standard
|	**Na**	**23**	**5591.703**	ug/L	58.198	1	27578	98200889	0	Standard
|	**Mg**	**24**	**5526.336**	ug/L	53.904	0	5189	135781989	1	Standard
|	**Al**	**27**	**5099.226**	ug/L	107.284	2	9166	115769004	1	Standard
|	**K**	**39**	**5354.212**	ug/L	27.316	0	318667	41934063	0	Standard
|	**Ca**	**44**	**9047.378**	ug/L	123.386	1	8570	11037288	1	Standard
|	**Fe**	**54**	**5038.209**	ug/L	34.188	0	73091	9801386	0	Standard
|	**Fe**	**57**	**5074.380**	ug/L	42.392	0	19491	4012381	0	Standard
⌊	**Mn**	**55**	**29.955**	ug/L	0.396	1	1570	1223148	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	99781	1	KED
|	**Zn**	**66**	**86.152**	ug/L	2.121	2	288	61520	1	KED
⌊	**Zn**	**67**	**82.543**	ug/L	1.915	2	38	9741	1	KED
	Y	**89**		ug/L			719025	728762	1	Standard
	Kr	**83**		ug/L			306	319	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0615-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:00:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	57351	2	Standard
	Cl	37		ug/L			6981290	6753665	0	Standard
>	Sc	45		ug/L			1492312	1497851	0	Standard
	Na	23	5637.077	ug/L	53.421	0	27578	97740031	0	Standard
	Mg	24	5583.987	ug/L	35.875	0	5189	135448681	0	Standard
	Al	27	5138.196	ug/L	49.302	0	9166	115187169	1	Standard
	K	39	5327.429	ug/L	48.347	0	318667	41196052	0	Standard
	Ca	44	9306.580	ug/L	50.354	0	8570	11208949	1	Standard
	Fe	54	5159.478	ug/L	20.412	0	73091	9908692	1	Standard
	Fe	57	5026.295	ug/L	55.064	1	19491	3924422	1	Standard
	Mn	55	30.244	ug/L	0.306	1	1570	1219264	0	Standard
>	Ge	72		ug/L			104273	97467	1	KED
	Zn	66	87.611	ug/L	0.696	0	288	61122	2	KED
	Zn	67	83.656	ug/L	1.754	2	38	9643	2	KED
	Y	89		ug/L			719025	715568	0	Standard
	Kr	83		ug/L			306	302	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-17
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:06:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	60315	1	Standard
	Cl	37		ug/L			6981290	6586564	0	Standard
>	Sc	45		ug/L			1492312	1581185	1	Standard
	Na	23	2264.842	ug/L	55.299	2	27578	41465364	1	Standard
	Mg	24	2371.383	ug/L	50.790	2	5189	60716016	0	Standard
	Al	27	266.395	ug/L	7.255	2	9166	6312662	2	Standard
	K	39	3458.886	ug/L	62.727	1	318667	28350423	0	Standard
	Ca	44	19035.375	ug/L	486.375	2	8570	24188323	1	Standard
	Fe	54	21.252	ug/L	1.006	4	73091	120194	0	Standard
	Fe	57	63.199	ug/L	0.818	1	19491	72474	0	Standard
	Mn	55	30.873	ug/L	0.339	1	1570	1313833	0	Standard
>	Ge	72		ug/L			104273	95913	1	KED
	Zn	66	84.136	ug/L	2.039	2	288	57759	1	KED
	Zn	67	79.014	ug/L	4.208	5	38	8962	4	KED
	Y	89		ug/L			719025	751139	1	Standard
	Kr	83		ug/L			306	300	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:10:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	62082	1	Standard
	Cl	37		ug/L			6981290	6547524	2	Standard
>	Sc	45		ug/L			1492312	1588508	0	Standard
	Na	23	2052.123	ug/L	20.693	1	27578	37752681	0	Standard
	Mg	24	2177.981	ug/L	41.024	1	5189	56028812	1	Standard
	Al	27	242.712	ug/L	7.237	2	9166	5778705	2	Standard
	K	39	3101.636	ug/L	47.497	1	318667	25576248	0	Standard
	Ca	44	17385.523	ug/L	307.870	1	8570	22196173	0	Standard
	Fe	54	44.461	ug/L	1.714	3	73091	167667	1	Standard
	Fe	57	82.466	ug/L	1.189	1	19491	88683	0	Standard
	Mn	55	28.396	ug/L	0.437	1	1570	1214113	0	Standard
>	Ge	72		ug/L			104273	99208	0	KED
	Zn	66	79.285	ug/L	0.959	1	288	56322	1	KED
	Zn	67	73.988	ug/L	1.130	1	38	8686	1	KED
	Y	89		ug/L			719025	738189	3	Standard
	Kr	83		ug/L			306	318	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:13:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	60797	1	Standard
	Cl	37		ug/L			6981290	6668282	0	Standard
>	Sc	45		ug/L			1492312	1655472	1	Standard
	Na	23	6657.519	ug/L	107.756	1	27578	127563238	0	Standard
	Mg	24	7132.478	ug/L	82.278	1	5189	191202718	0	Standard
	Al	27	4998.997	ug/L	69.613	1	9166	123844920	0	Standard
	K	39	7546.798	ug/L	26.511	0	318667	64353478	1	Standard
	Ca	44	22405.618	ug/L	85.668	0	8570	29811227	1	Standard
	Fe	54	4653.337	ug/L	60.692	1	73091	9884159	1	Standard
	Fe	57	4698.454	ug/L	11.861	0	19491	4055668	1	Standard
	Mn	55	49.503	ug/L	0.362	0	1570	2204567	0	Standard
>	Ge	72		ug/L			104273	101624	0	KED
	Zn	66	154.888	ug/L	0.728	0	288	112440	0	KED
	Zn	67	148.268	ug/L	2.502	1	38	17793	1	KED
	Y	89		ug/L			719025	761763	1	Standard
	Kr	83		ug/L			306	323	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0619-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:18:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	63662	0	Standard
	Cl	37		ug/L			6981290	6677719	1	Standard
>	Sc	45		ug/L			1492312	1630441	0	Standard
	Na	23	6741.471	ug/L	145.380	2	27578	127225955	1	Standard
	Mg	24	7164.108	ug/L	48.279	0	5189	189162386	0	Standard
	Al	27	4959.345	ug/L	111.806	2	9166	121008290	1	Standard
	K	39	7699.177	ug/L	105.727	1	318667	64650769	0	Standard
	Ca	44	23031.709	ug/L	285.745	1	8570	30179566	0	Standard
	Fe	54	4679.818	ug/L	14.849	0	73091	9790390	0	Standard
	Fe	57	4698.107	ug/L	62.036	1	19491	3994208	1	Standard
	Mn	55	50.033	ug/L	0.400	0	1570	2194572	0	Standard
>	Ge	72		ug/L			104273	96423	2	KED
	Zn	66	156.317	ug/L	4.232	2	288	107664	3	KED
	Zn	67	149.699	ug/L	2.518	1	38	17045	2	KED
	Y	89		ug/L			719025	757594	1	Standard
	Kr	83		ug/L			306	325	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:25:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	41426	1	Standard
	Cl	**37**		ug/L			6981290	6783360	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1532654	1	Standard
|	**Na**	**23**	**-0.176**	ug/L	0.020	11	27578	25194	1	Standard
|	**Mg**	**24**	**0.166**	ug/L	0.008	4	5189	9436	1	Standard
|	**Al**	**27**	**0.028**	ug/L	0.004	15	9166	10049	0	Standard
|	**K**	**39**	**-2.739**	ug/L	0.921	33	318667	305686	0	Standard
|	**Ca**	**44**	**-0.499**	ug/L	0.119	23	8570	8185	1	Standard
|	**Fe**	**54**	**-1.910**	ug/L	0.955	49	73091	71319	1	Standard
|	**Fe**	**57**	**-4.065**	ug/L	0.276	6	19491	16783	0	Standard
⌊	**Mn**	**55**	**-0.010**	ug/L	0.001	9	1570	1216	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	97359	2	KED
|	**Zn**	**66**	**-0.049**	ug/L	0.008	16	288	235	4	KED
⌊	**Zn**	**67**	**0.018**	ug/L	0.109	594	38	37	30	KED
	Y	**89**		ug/L			719025	734525	2	Standard
	Kr	**83**		ug/L			306	300	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:29:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	33318	1	Standard
	Cl	**37**		ug/L			6981290	7079840	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1532723	0	Standard
|	**Na**	**23**	**5075.103**	ug/L	51.450	1	27578	90048915	0	Standard
|	**Mg**	**24**	**5336.828**	ug/L	47.756	0	5189	132470551	0	Standard
|	**Al**	**27**	**5066.286**	ug/L	39.593	0	9166	116217294	0	Standard
|	**K**	**39**	**4848.932**	ug/L	61.851	1	318667	38398966	1	Standard
|	**Ca**	**44**	**4991.471**	ug/L	89.544	1	8570	6155616	1	Standard
|	**Fe**	**54**	**5006.905**	ug/L	30.298	0	73091	9841428	0	Standard
|	**Fe**	**57**	**4978.629**	ug/L	78.910	1	19491	3977530	1	Standard
⌊	**Mn**	**55**	**50.040**	ug/L	0.567	1	1570	2063327	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	100358	0	KED
|	**Zn**	**66**	**50.555**	ug/L	0.267	0	288	36431	0	KED
⌊	**Zn**	**67**	**49.311**	ug/L	1.285	2	38	5869	3	KED
	Y	**89**		ug/L			719025	739984	1	Standard
	Kr	**83**		ug/L			306	323	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:35:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	31245	1	Standard
	Cl	**37**		ug/L			6981290	6926170	2	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1504928	1	Standard
|	**Na**	**23**	**-0.168**	ug/L	0.005	3	27578	24892	0	Standard
|	**Mg**	**24**	**0.020**	ug/L	0.005	24	5189	5711	1	Standard
|	**Al**	**27**	**-0.118**	ug/L	0.012	9	9166	6593	5	Standard
|	**K**	**39**	**-0.600**	ug/L	0.650	108	318667	316695	0	Standard
|	**Ca**	**44**	**-0.758**	ug/L	0.178	23	8570	7726	3	Standard
|	**Fe**	**54**	**0.132**	ug/L	0.247	187	73091	73959	1	Standard
|	**Fe**	**57**	**-1.195**	ug/L	0.459	38	19491	18720	0	Standard
⌊	**Mn**	**55**	**-0.012**	ug/L	0.001	4	1570	1102	3	Standard
⌈>	**Ge**	**72**		ug/L			104273	100176	1	KED
|	**Zn**	**66**	**-0.073**	ug/L	0.039	53	288	225	11	KED
⌊	**Zn**	**67**	**-0.052**	ug/L	0.040	75	38	30	16	KED
	Y	**89**		ug/L			719025	732057	1	Standard
	Kr	**83**		ug/L			306	277	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-01
Sample Dil Factor: 100
Comments:
Sample Date/Time: Friday, July 16, 2021 02:38:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	50745	1	Standard
	Cl	**37**		ug/L			6981290	7580615	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1572699	1	Standard
|	**Na**	**23**	**881.755**	ug/L	9.705	1	27578	16076825	0	Standard
|	**Mg**	**24**	**2372.825**	ug/L	22.226	0	5189	60433314	0	Standard
|	**Al**	**27**	**5.028**	ug/L	0.129	2	9166	127969	1	Standard
|	**K**	**39**	**176.804**	ug/L	2.971	1	318667	1760089	0	Standard
|	**Ca**	**44**	**4512.169**	ug/L	36.461	0	8570	5710913	1	Standard
|	**Fe**	**54**	**63.109**	ug/L	0.528	0	73091	203336	1	Standard
|	**Fe**	**57**	**73.526**	ug/L	2.643	3	19491	80497	1	Standard
⌊	**Mn**	**55**	**100.815**	ug/L	1.422	1	1570	4263283	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	105349	0	KED
|	**Zn**	**66**	**-0.048**	ug/L	0.029	61	288	255	8	KED
⌊	**Zn**	**67**	**0.672**	ug/L	0.079	11	38	121	7	KED
	Y	**89**		ug/L			719025	759995	0	Standard
	Kr	**83**		ug/L			306	293	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-02
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:41:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	76949	0	Standard
	Cl	**37**		ug/L			6981290	7253649	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1722254	0	Standard
|	**Na**	**23**	**18087.788**	ug/L	47.825	0	27578	360547290	0	Standard
|	**Mg**	**24**	**7679.795**	ug/L	126.039	1	5189	214180032	0	Standard
|	**Al**	**27**	**8.545**	ug/L	0.161	1	9166	230816	1	Standard
|	**K**	**39**	**3740.482**	ug/L	41.975	1	318667	33369072	1	Standard
|	**Ca**	**44**	**59567.754**	ug/L	878.221	1	8570	82430951	0	Standard
|	**Fe**	**54**	**140.285**	ug/L	1.397	0	73091	391818	0	Standard
|	**Fe**	**57**	**302.024**	ug/L	7.620	2	19491	292233	1	Standard
⌊	**Mn**	**55**	**918.284**	ug/L	15.362	1	1570	42511532	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	98091	0	KED
|	**Zn**	**66**	**1.680**	ug/L	0.142	8	288	1446	7	KED
⌊	**Zn**	**67**	**2.975**	ug/L	0.447	15	38	379	13	KED
	Y	**89**		ug/L			719025	731686	0	Standard
	Kr	**83**		ug/L			306	339	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-04
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:45:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	71810	0	Standard
	Cl	**37**		ug/L			6981290	7127618	2	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1650543	0	Standard
|	**Na**	**23**	**19089.763**	ug/L	116.028	0	27578	364673919	0	Standard
|	**Mg**	**24**	**7710.688**	ug/L	105.654	1	5189	206095806	0	Standard
|	**Al**	**27**	**13.771**	ug/L	0.191	1	9166	350284	0	Standard
|	**K**	**39**	**3838.558**	ug/L	67.220	1	318667	32806536	1	Standard
|	**Ca**	**44**	**57877.580**	ug/L	1300.641	2	8570	76761995	2	Standard
|	**Fe**	**54**	**174.862**	ug/L	0.582	0	73091	448143	0	Standard
|	**Fe**	**57**	**331.087**	ug/L	1.678	0	19491	304976	0	Standard
⌊	**Mn**	**55**	**852.044**	ug/L	14.333	1	1570	37805164	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	95835	0	KED
|	**Zn**	**66**	**1.935**	ug/L	0.086	4	288	1586	4	KED
⌊	**Zn**	**67**	**2.866**	ug/L	0.071	2	38	358	2	KED
	Y	**89**		ug/L			719025	721700	0	Standard
	Kr	**83**		ug/L			306	340	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-06
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:48:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	75907	0	Standard
	Cl	**37**		ug/L			6981290	7193771	0	Standard
>	**Sc**	**45**		ug/L			1492312	1718210	1	Standard
	Na	**23**	**17516.334**	ug/L	199.902	1	27578	348315707	0	Standard
	Mg	**24**	**7512.105**	ug/L	189.534	2	5189	208993648	1	Standard
	Al	**27**	**8.247**	ug/L	0.091	1	9166	222632	1	Standard
	K	**39**	**3596.865**	ug/L	49.222	1	318667	32023286	0	Standard
	Ca	**44**	**57714.907**	ug/L	262.523	0	8570	79688979	1	Standard
	Fe	**54**	**107.759**	ug/L	3.327	3	73091	319740	1	Standard
	Fe	**57**	**269.461**	ug/L	3.817	1	19491	262545	0	Standard
	Mn	**55**	**884.105**	ug/L	13.848	1	1570	40832995	0	Standard
>	**Ge**	**72**		ug/L			104273	97706	0	KED
	Zn	**66**	**1.651**	ug/L	0.044	2	288	1420	2	KED
	Zn	**67**	**2.717**	ug/L	0.087	3	38	348	3	KED
	Y	**89**		ug/L			719025	731938	0	Standard
	Kr	**83**		ug/L			306	328	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0088-08
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:51:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	77568	0	Standard
	Cl	**37**		ug/L			6981290	7193336	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1698084	1	Standard
|	**Na**	**23**	**17729.551**	ug/L	446.786	2	27578	348367159	1	Standard
|	**Mg**	**24**	**7666.924**	ug/L	85.284	1	5189	210829344	1	Standard
|	**Al**	**27**	**8.557**	ug/L	0.203	2	9166	227896	3	Standard
|	**K**	**39**	**3636.435**	ug/L	53.988	1	318667	31990921	0	Standard
|	**Ca**	**44**	**58266.447**	ug/L	1705.878	2	8570	79514236	3	Standard
|	**Fe**	**54**	**133.523**	ug/L	1.193	0	73091	371696	0	Standard
|	**Fe**	**57**	**290.372**	ug/L	1.682	0	19491	277897	1	Standard
⌊	**Mn**	**55**	**899.815**	ug/L	5.736	0	1570	41073259	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	96396	1	KED
|	**Zn**	**66**	**1.561**	ug/L	0.051	3	288	1339	1	KED
⌊	**Zn**	**67**	**2.889**	ug/L	0.467	16	38	363	13	KED
	Y	**89**		ug/L			719025	727618	1	Standard
	Kr	**83**		ug/L			306	308	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-20
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:55:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	59866	0	Standard
	Cl	37		ug/L			6981290	6853572	1	Standard
>	Sc	45		ug/L			1492312	1532536	1	Standard
	Na	23	694.787	ug/L	11.877	1	27578	12349738	0	Standard
	Mg	24	455.518	ug/L	10.136	2	5189	11308766	1	Standard
	Al	27	17.690	ug/L	0.647	3	9166	415062	2	Standard
	K	39	396.373	ug/L	8.567	2	318667	3438643	0	Standard
	Ca	44	4634.574	ug/L	107.616	2	8570	5714691	1	Standard
	Fe	54	23.516	ug/L	0.804	3	73091	120916	0	Standard
	Fe	57	25.445	ug/L	0.841	3	19491	40237	0	Standard
	Mn	55	1.667	ug/L	0.020	1	1570	70274	0	Standard
>	Ge	72		ug/L			104273	99773	0	KED
	Zn	66	4.454	ug/L	0.131	2	288	3442	1	KED
	Zn	67	4.576	ug/L	0.181	3	38	574	4	KED
	Y	89		ug/L			719025	706144	1	Standard
	Kr	83		ug/L			306	271	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0755-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 02:58:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	58227	1	Standard
	Cl	37		ug/L			6981290	6748037	0	Standard
>	Sc	45		ug/L			1492312	1531346	0	Standard
	Na	23	662.431	ug/L	7.100	1	27578	11767448	0	Standard
	Mg	24	437.990	ug/L	6.428	1	5189	10867105	1	Standard
	Al	27	15.128	ug/L	0.151	0	9166	356111	1	Standard
	K	39	378.497	ug/L	4.026	1	318667	3296090	0	Standard
	Ca	44	4326.192	ug/L	62.385	1	8570	5331468	1	Standard
	Fe	54	22.129	ug/L	1.078	4	73091	118126	1	Standard
	Fe	57	24.122	ug/L	0.305	1	19491	39159	1	Standard
	Mn	55	2.393	ug/L	0.066	2	1570	100108	2	Standard
>	Ge	72		ug/L			104273	95907	0	KED
	Zn	66	4.276	ug/L	0.004	0	288	3187	0	KED
	Zn	67	4.100	ug/L	0.043	1	38	498	1	KED
	Y	89		ug/L			719025	710731	1	Standard
	Kr	83		ug/L			306	291	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0755-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:02:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	62696	1	Standard
	Cl	37		ug/L			6981290	7036226	1	Standard
>	Sc	45		ug/L			1492312	1574335	0	Standard
	Na	23	5661.076	ug/L	62.503	1	27578	103175063	1	Standard
	Mg	24	5657.817	ug/L	61.371	1	5189	144249521	1	Standard
	Al	27	5087.655	ug/L	82.454	1	9166	119883488	2	Standard
	K	39	5183.507	ug/L	53.128	1	318667	42140608	1	Standard
	Ca	44	9433.413	ug/L	154.629	1	8570	11941055	1	Standard
	Fe	54	5000.696	ug/L	39.619	0	73091	10096227	0	Standard
	Fe	57	4902.153	ug/L	29.500	0	19491	4023204	0	Standard
	Mn	55	28.755	ug/L	0.190	0	1570	1218602	0	Standard
>	Ge	72		ug/L			104273	98580	1	KED
	Zn	66	81.899	ug/L	1.041	1	288	57794	0	KED
	Zn	67	79.132	ug/L	0.156	0	38	9229	1	KED
	Y	89		ug/L			719025	746334	0	Standard
	Kr	83		ug/L			306	316	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0755-MSD2
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:07:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			30914	57386	1	Standard
	Cl	37		ug/L			6981290	6968255	0	Standard
>	Sc	45		ug/L			1492312	1571922	2	Standard
	Na	23	5592.098	ug/L	148.635	2	27578	101721741	0	Standard
	Mg	24	5571.775	ug/L	111.248	1	5189	141805481	1	Standard
	Al	27	5092.895	ug/L	116.018	2	9166	119784856	1	Standard
	K	39	5201.162	ug/L	181.727	3	318667	42197603	1	Standard
	Ca	44	9367.636	ug/L	143.085	1	8570	11839637	2	Standard
	Fe	54	4972.926	ug/L	85.235	1	73091	10022866	0	Standard
	Fe	57	4907.531	ug/L	33.829	0	19491	4021116	1	Standard
	Mn	55	28.251	ug/L	0.549	1	1570	1195077	0	Standard
>	Ge	72		ug/L			104273	98857	1	KED
	Zn	66	81.667	ug/L	0.595	0	288	57799	0	KED
	Zn	67	80.034	ug/L	0.998	1	38	9359	0	KED
	Y	89		ug/L			719025	738902	1	Standard
	Kr	83		ug/L			306	292	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLF
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:14:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	41404	0	Standard
	Cl	**37**		ug/L			6981290	6884928	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1480881	2	Standard
|	**Na**	**23**	**0.092**	ug/L	0.008	8	27578	28940	1	Standard
|	**Mg**	**24**	**0.174**	ug/L	0.005	2	5189	9314	1	Standard
|	**Al**	**27**	**0.077**	ug/L	0.006	8	9166	10803	3	Standard
|	**K**	**39**	**0.392**	ug/L	0.838	213	318667	319101	0	Standard
|	**Ca**	**44**	**0.348**	ug/L	0.198	56	8570	8914	1	Standard
|	**Fe**	**54**	**-0.637**	ug/L	0.768	120	73091	71307	0	Standard
|	**Fe**	**57**	**-3.791**	ug/L	0.501	13	19491	16424	0	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.001	15	1570	1263	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	97850	3	KED
|	**Zn**	**66**	**-0.024**	ug/L	0.037	152	288	253	9	KED
⌊	**Zn**	**67**	**0.065**	ug/L	0.021	32	38	43	5	KED
	Y	**89**		ug/L			719025	712524	2	Standard
	Kr	**83**		ug/L			306	291	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:17:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34361	1	Standard
	Cl	**37**		ug/L			6981290	7121134	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1520867	0	Standard
|	**Na**	**23**	**5023.631**	ug/L	70.364	1	27578	88441252	0	Standard
|	**Mg**	**24**	**5182.850**	ug/L	135.585	2	5189	127638082	1	Standard
|	**Al**	**27**	**4986.881**	ug/L	166.848	3	9166	113491535	2	Standard
|	**K**	**39**	**4878.278**	ug/L	193.636	3	318667	38324193	3	Standard
|	**Ca**	**44**	**4939.960**	ug/L	192.499	3	8570	6044307	3	Standard
|	**Fe**	**54**	**5000.674**	ug/L	142.673	2	73091	9751903	2	Standard
|	**Fe**	**57**	**4874.543**	ug/L	152.822	3	19491	3864290	2	Standard
⌊	**Mn**	**55**	**48.889**	ug/L	2.052	4	1570	1999886	3	Standard
⌈>	**Ge**	**72**		ug/L			104273	99520	0	KED
|	**Zn**	**66**	**50.321**	ug/L	0.662	1	288	35959	1	KED
⌊	**Zn**	**67**	**51.394**	ug/L	0.793	1	38	6063	0	KED
	Y	**89**		ug/L			719025	738419	0	Standard
	Kr	**83**		ug/L			306	331	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBH
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 03:23:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	31122	2	Standard
	Cl	**37**		ug/L			6981290	6993113	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1498815	1	Standard
|	**Na**	**23**	**0.244**	ug/L	0.429	175	27578	31999	24	Standard
|	**Mg**	**24**	**0.289**	ug/L	0.425	146	5189	12338	85	Standard
|	**Al**	**27**	**0.178**	ug/L	0.470	264	9166	13292	81	Standard
|	**K**	**39**	**0.808**	ug/L	0.220	27	318667	326243	1	Standard
|	**Ca**	**44**	**0.032**	ug/L	0.476	1506	8570	8651	8	Standard
|	**Fe**	**54**	**-0.028**	ug/L	0.912	3227	73091	73346	1	Standard
|	**Fe**	**57**	**-2.899**	ug/L	0.672	23	19491	17327	4	Standard
⌊	**Mn**	**55**	**-0.010**	ug/L	0.003	26	1570	1187	10	Standard
⌈>	**Ge**	**72**		ug/L			104273	97512	1	KED
|	**Zn**	**66**	**-0.107**	ug/L	0.045	42	288	195	14	KED
⌊	**Zn**	**67**	**-0.012**	ug/L	0.055	453	38	34	19	KED
	Y	**89**		ug/L			719025	724737	2	Standard
	Kr	**83**		ug/L			306	298	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-05
Sample Dil Factor: 10
Comments:
Sample Date/Time: Friday, July 16, 2021 03:27:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	53229	0	Standard
	Cl	**37**		ug/L			6981290	7902335	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1551494	1	Standard
|	**Na**	**23**	**9664.803**	ug/L	63.022	0	27578	173553411	0	Standard
|	**Mg**	**24**	**7969.122**	ug/L	158.640	1	5189	200193386	0	Standard
|	**Al**	**27**	**499.235**	ug/L	16.551	3	9166	11597400	1	Standard
|	**K**	**39**	**1112.163**	ug/L	12.389	1	318667	9169730	0	Standard
|	**Ca**	**44**	**19778.507**	ug/L	514.341	2	8570	24658193	1	Standard
|	**Fe**	**54**	**802.508**	ug/L	12.132	1	73091	1660325	0	Standard
|	**Fe**	**57**	**832.178**	ug/L	11.395	1	19491	689807	0	Standard
⌊	**Mn**	**55**	**127.413**	ug/L	1.104	0	1570	5315158	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	97835	1	KED
|	**Zn**	**66**	**3.142**	ug/L	0.034	1	288	2461	0	KED
⌊	**Zn**	**67**	**5.274**	ug/L	0.073	1	38	643	0	KED
	Y	**89**		ug/L			719025	765051	1	Standard
	Kr	**83**		ug/L			306	332	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-07
Sample Dil Factor: 10
Comments:
Sample Date/Time: Friday, July 16, 2021 03:30:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	57121	1	Standard
	Cl	**37**		ug/L			6981290	7909821	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1553238	1	Standard
|	**Na**	**23**	**4570.666**	ug/L	40.629	0	27578	82189142	1	Standard
|	**Mg**	**24**	**9458.310**	ug/L	230.388	2	5189	237854422	0	Standard
|	**Al**	**27**	**0.465**	ug/L	0.027	5	9166	20336	1	Standard
|	**K**	**39**	**924.986**	ug/L	15.159	1	318667	7690394	0	Standard
|	**Ca**	**44**	**27815.008**	ug/L	121.721	0	8570	34719819	1	Standard
|	**Fe**	**54**	**38.619**	ug/L	1.560	4	73091	152385	0	Standard
|	**Fe**	**57**	**123.925**	ug/L	2.190	1	19491	120100	0	Standard
⌊	**Mn**	**55**	**96.498**	ug/L	0.734	0	1570	4030466	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	96692	1	KED
|	**Zn**	**66**	**-0.065**	ug/L	0.042	65	288	223	13	KED
⌊	**Zn**	**67**	**0.861**	ug/L	0.136	15	38	133	11	KED
	Y	**89**		ug/L			719025	722545	1	Standard
	Kr	**83**		ug/L			306	309	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-03
Sample Dil Factor: 50
Comments:
Sample Date/Time: Friday, July 16, 2021 03:33:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	51288	0	Standard
	Cl	**37**		ug/L			6981290	7272734	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1523514	0	Standard
|	**Na**	**23**	**4468.084**	ug/L	22.312	0	27578	78806644	0	Standard
|	**Mg**	**24**	**2637.657**	ug/L	46.090	1	5189	65077256	1	Standard
|	**Al**	**27**	**9.339**	ug/L	0.053	0	9166	222279	0	Standard
|	**K**	**39**	**402.714**	ug/L	4.781	1	318667	3468196	0	Standard
|	**Ca**	**44**	**4901.580**	ug/L	136.926	2	8570	6008239	2	Standard
|	**Fe**	**54**	**164.514**	ug/L	3.776	2	73091	393566	1	Standard
|	**Fe**	**57**	**174.173**	ug/L	4.003	2	19491	157511	1	Standard
⌊	**Mn**	**55**	**113.023**	ug/L	1.197	1	1570	4630211	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	99858	0	KED
|	**Zn**	**66**	**0.017**	ug/L	0.031	184	288	288	8	KED
⌊	**Zn**	**67**	**1.357**	ug/L	0.144	10	38	196	8	KED
	Y	**89**		ug/L			719025	734238	1	Standard
	Kr	**83**		ug/L			306	311	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-02
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:37:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	113211	1	Standard
	Cl	**37**		ug/L			6981290	21631860	3	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1601209	0	Standard
|	**Na**	**23**	**39534.338**	ug/L	629.039	1	27578	732581955	1	Standard
|	**Mg**	**24**	**S**	ug/L	S	S	5189	S	S	Standard
|	**Al**	**27**	**12.353**	ug/L	0.148	1	9166	305842	0	Standard
|	**K**	**39**	**7570.743**	ug/L	94.341	1	318667	62437243	0	Standard
|	**Ca**	**44**	**189225.226**	ug/L	3879.687	2	8570	243439161	1	Standard
|	**Fe**	**54**	**973.838**	ug/L	7.906	0	73091	2062786	0	Standard
|	**Fe**	**57**	**1698.866**	ug/L	1.777	0	19491	1431745	0	Standard
⌊	**Mn**	**55**	**3978.772**	ug/L	17.617	0	1570	171257180	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	86377	1	KED
|	**Zn**	**66**	**2.409**	ug/L	0.053	2	288	1722	0	KED
⌊	**Zn**	**67**	**27.059**	ug/L	0.407	1	38	2785	0	KED
	Y	**89**		ug/L			719025	676708	1	Standard
	Kr	**83**		ug/L			306	320	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-04
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:41:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	79520	1	Standard
	Cl	**37**		ug/L			6981290	11692682	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1656052	0	Standard
|	**Na**	**23**	**S**	ug/L	S	S	27578	S	S	Standard
|	**Mg**	**24**	**S**	ug/L	S	S	5189	S	S	Standard
|	**Al**	**27**	**218.669**	ug/L	2.081	0	9166	5429363	0	Standard
|	**K**	**39**	**7042.103**	ug/L	65.640	0	318667	60092870	0	Standard
|	**Ca**	**44**	**102741.846**	ug/L	423.551	0	8570	136717864	1	Standard
|	**Fe**	**54**	**969.196**	ug/L	12.094	1	73091	2123639	0	Standard
|	**Fe**	**57**	**1398.371**	ug/L	34.785	2	19491	1222569	1	Standard
⌊	**Mn**	**55**	**2137.027**	ug/L	33.360	1	1570	95130172	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	87448	2	KED
|	**Zn**	**66**	**2.841**	ug/L	0.021	0	288	2012	2	KED
⌊	**Zn**	**67**	**25.393**	ug/L	0.254	1	38	2648	1	KED
	Y	**89**		ug/L			719025	707324	0	Standard
	Kr	**83**		ug/L			306	351	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-06
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:44:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	79040	0	Standard
	Cl	**37**		ug/L			6981290	12387986	2	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1635186	0	Standard
|	**Na**	**23**	**42861.034**	ug/L	477.151	1	27578	811145865	1	Standard
|	**Mg**	**24**	**34594.953**	ug/L	582.216	1	5189	916113003	1	Standard
|	**Al**	**27**	**134.994**	ug/L	2.312	1	9166	3313706	2	Standard
|	**K**	**39**	**4956.093**	ug/L	49.231	0	318667	41864350	1	Standard
|	**Ca**	**44**	**89182.213**	ug/L	945.816	1	8570	117181735	1	Standard
|	**Fe**	**54**	**275.023**	ug/L	3.399	1	73091	652434	1	Standard
|	**Fe**	**57**	**534.861**	ug/L	5.752	1	19491	474963	1	Standard
⌊	**Mn**	**55**	**559.813**	ug/L	9.410	1	1570	24608190	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	92124	1	KED
|	**Zn**	**66**	**1.668**	ug/L	0.087	5	288	1349	3	KED
⌊	**Zn**	**67**	**9.161**	ug/L	0.509	5	38	1027	4	KED
	Y	**89**		ug/L			719025	722009	0	Standard
	Kr	**83**		ug/L			306	332	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0397-08
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:48:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	76679	1	Standard
	Cl	**37**		ug/L			6981290	10377017	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1666600	1	Standard
|	**Na**	**23**	**19940.688**	ug/L	288.051	1	27578	384594349	0	Standard
|	**Mg**	**24**	**38974.467**	ug/L	1214.731	3	5189	1051659413	2	Standard
|	**Al**	**27**	**1.377**	ug/L	0.036	2	9166	44567	0	Standard
|	**K**	**39**	**4064.796**	ug/L	50.563	1	318667	35055746	0	Standard
|	**Ca**	**44**	**120367.728**	ug/L	2491.074	2	8570	161161341	0	Standard
|	**Fe**	**54**	**145.021**	ug/L	4.355	3	73091	389152	1	Standard
|	**Fe**	**57**	**522.615**	ug/L	9.282	1	19491	473515	2	Standard
⌊	**Mn**	**55**	**403.895**	ug/L	4.676	1	1570	18094907	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	91194	0	KED
|	**Zn**	**66**	**0.286**	ug/L	0.021	7	288	438	3	KED
⌊	**Zn**	**67**	**4.092**	ug/L	0.341	8	38	473	7	KED
	Y	**89**		ug/L			719025	701470	1	Standard
	Kr	**83**		ug/L			306	308	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0306-DUP1
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:52:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	76067	0	Standard
	Cl	**37**		ug/L			6981290	10470650	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1696271	1	Standard
|	**Na**	**23**	**19160.171**	ug/L	78.321	0	27578	376152091	0	Standard
|	**Mg**	**24**	**S**	ug/L	S	S	5189	S	S	Standard
|	**Al**	**27**	**1.419**	ug/L	0.033	2	9166	46445	1	Standard
|	**K**	**39**	**3881.930**	ug/L	59.900	1	318667	34094072	1	Standard
|	**Ca**	**44**	**113836.815**	ug/L	1470.748	1	8570	155144717	0	Standard
|	**Fe**	**54**	**139.117**	ug/L	1.322	0	73091	383389	0	Standard
|	**Fe**	**57**	**492.733**	ug/L	5.540	1	19491	455677	2	Standard
⌊	**Mn**	**55**	**386.262**	ug/L	5.801	1	1570	17613079	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	89918	1	KED
|	**Zn**	**66**	**1.148**	ug/L	0.145	12	288	984	8	KED
⌊	**Zn**	**67**	**5.036**	ug/L	0.326	6	38	566	5	KED
	Y	**89**		ug/L			719025	715174	1	Standard
	Kr	**83**		ug/L			306	326	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0306-MS1
Sample Dil Factor: 2
Comments:
Sample Date/Time: Friday, July 16, 2021 03:56:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	65318	0	Standard
	Cl	**37**		ug/L			6981290	9847904	2	Standard
>	**Sc**	**45**		ug/L			1492312	1608952	2	Standard
	Na	**23**	**21963.496**	ug/L	274.909	1	27578	409071497	3	Standard
	Mg	**24**	**38489.901**	ug/L	1459.096	3	5189	1002403876	2	Standard
	Al	**27**	**2254.056**	ug/L	22.925	1	9166	54291320	3	Standard
	K	**39**	**6260.141**	ug/L	59.929	0	318667	51947670	3	Standard
	Ca	**44**	**120513.093**	ug/L	1785.394	1	8570	155833855	3	Standard
	Fe	**54**	**2280.978**	ug/L	11.975	0	73091	4749713	2	Standard
	Fe	**57**	**2673.376**	ug/L	12.923	0	19491	2252028	2	Standard
	Mn	**55**	**441.779**	ug/L	3.964	0	1570	19111425	3	Standard
>	**Ge**	**72**		ug/L			104273	86030	0	KED
	Zn	**66**	**138.747**	ug/L	0.851	0	288	85290	0	KED
	Zn	**67**	**137.454**	ug/L	3.376	2	38	13965	1	KED
	Y	**89**		ug/L			719025	682058	2	Standard
	Kr	**83**		ug/L			306	309	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLG
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:03:39
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	41490	1	Standard
	Cl	**37**		ug/L			6981290	6684112	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1427702	1	Standard
|	**Na**	**23**	**0.787**	ug/L	0.039	4	27578	39385	1	Standard
|	**Mg**	**24**	**0.915**	ug/L	0.120	13	5189	26130	10	Standard
|	**Al**	**27**	**0.015**	ug/L	0.016	110	9166	9079	3	Standard
|	**K**	**39**	**3.712**	ug/L	0.475	12	318667	331989	0	Standard
|	**Ca**	**44**	**2.542**	ug/L	0.276	10	8570	11114	3	Standard
|	**Fe**	**54**	**0.151**	ug/L	0.485	321	73091	70193	0	Standard
|	**Fe**	**57**	**-4.543**	ug/L	0.126	2	19491	15283	1	Standard
⌊	**Mn**	**55**	**0.005**	ug/L	0.003	54	1570	1689	6	Standard
⌈>	**Ge**	**72**		ug/L			104273	92672	0	KED
|	**Zn**	**66**	**-0.015**	ug/L	0.063	416	288	246	17	KED
⌊	**Zn**	**67**	**0.033**	ug/L	0.010	31	38	37	2	KED
	Y	**89**		ug/L			719025	679015	0	Standard
	Kr	**83**		ug/L			306	286	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:08:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34148	2	Standard
	Cl	**37**		ug/L			6981290	6605346	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1431124	0	Standard
|	**Na**	**23**	**5037.843**	ug/L	7.945	0	27578	83464633	0	Standard
|	**Mg**	**24**	**5048.104**	ug/L	53.393	1	5189	116994614	0	Standard
|	**Al**	**27**	**4998.476**	ug/L	26.018	0	9166	107063992	0	Standard
|	**K**	**39**	**4935.589**	ug/L	57.899	1	318667	36490513	1	Standard
|	**Ca**	**44**	**4708.387**	ug/L	61.876	1	8570	5422426	1	Standard
|	**Fe**	**54**	**4915.232**	ug/L	63.315	1	73091	9022004	1	Standard
|	**Fe**	**57**	**4817.378**	ug/L	91.248	1	19491	3594479	2	Standard
⌊	**Mn**	**55**	**49.242**	ug/L	0.145	0	1570	1895857	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	90027	0	KED
|	**Zn**	**66**	**50.452**	ug/L	1.009	2	288	32613	1	KED
⌊	**Zn**	**67**	**51.431**	ug/L	1.286	2	38	5489	2	KED
	Y	**89**		ug/L			719025	688834	1	Standard
	Kr	**83**		ug/L			306	292	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:14:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	32008	1	Standard
	Cl	**37**		ug/L			6981290	6516813	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1420794	1	Standard
|	**Na**	**23**	**0.292**	ug/L	0.083	28	27578	31080	6	Standard
|	**Mg**	**24**	**0.005**	ug/L	0.005	93	5189	5063	1	Standard
|	**Al**	**27**	**-0.175**	ug/L	0.006	3	9166	5000	0	Standard
|	**K**	**39**	**3.485**	ug/L	1.000	28	318667	328666	0	Standard
|	**Ca**	**44**	**-0.301**	ug/L	0.154	51	8570	7813	0	Standard
|	**Fe**	**54**	**0.468**	ug/L	0.528	112	73091	70425	1	Standard
|	**Fe**	**57**	**-3.744**	ug/L	0.361	9	19491	15794	0	Standard
⌊	**Mn**	**55**	**-0.008**	ug/L	0.001	7	1570	1183	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	89832	1	KED
|	**Zn**	**66**	**-0.109**	ug/L	0.012	11	288	179	3	KED
⌊	**Zn**	**67**	**0.050**	ug/L	0.033	66	38	38	10	KED
	Y	**89**		ug/L			719025	691631	0	Standard
	Kr	**83**		ug/L			306	290	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:17:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34727	1	Standard
	Cl	**37**		ug/L			6981290	6636280	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1604489	1	Standard
|	**Na**	**23**	**-0.242**	ug/L	0.033	13	27578	25157	1	Standard
|	**Mg**	**24**	**-0.045**	ug/L	0.021	46	5189	4414	10	Standard
|	**Al**	**27**	**-0.136**	ug/L	0.014	10	9166	6579	3	Standard
|	**K**	**39**	**-3.847**	ug/L	0.376	9	318667	310977	0	Standard
|	**Ca**	**44**	**0.481**	ug/L	0.345	71	8570	9835	4	Standard
|	**Fe**	**54**	**84.238**	ug/L	2.460	2	73091	250552	0	Standard
|	**Fe**	**57**	**-4.900**	ug/L	0.454	9	19491	16881	3	Standard
⌊	**Mn**	**55**	**0.013**	ug/L	0.000	2	1570	2267	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	98761	0	KED
|	**Zn**	**66**	**-0.183**	ug/L	0.014	7	288	144	6	KED
⌊	**Zn**	**67**	**-0.021**	ug/L	0.024	112	38	33	8	KED
	Y	**89**		ug/L			719025	761218	1	Standard
	Kr	**83**		ug/L			306	330	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:20:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34320	1	Standard
	Cl	**37**		ug/L			6981290	6673027	1	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1611476	0	Standard
|	**Na**	**23**	**-0.338**	ug/L	0.005	1	27578	23474	1	Standard
|	**Mg**	**24**	**-0.085**	ug/L	0.006	7	5189	3384	5	Standard
|	**Al**	**27**	**-0.152**	ug/L	0.011	7	9166	6227	5	Standard
|	**K**	**39**	**-4.299**	ug/L	0.355	8	318667	308606	0	Standard
|	**Ca**	**44**	**0.169**	ug/L	0.016	9	8570	9474	1	Standard
|	**Fe**	**54**	**84.668**	ug/L	0.962	1	73091	252555	0	Standard
|	**Fe**	**57**	**-5.123**	ug/L	0.359	7	19491	16763	0	Standard
⌊	**Mn**	**55**	**0.014**	ug/L	0.001	4	1570	2296	0	Standard
⌈>	**Ge**	**72**		ug/L			104273	97230	1	KED
|	**Zn**	**66**	**-0.171**	ug/L	0.036	20	288	151	17	KED
⌊	**Zn**	**67**	**-0.116**	ug/L	0.047	40	38	22	24	KED
	Y	**89**		ug/L			719025	773310	0	Standard
	Kr	**83**		ug/L			306	303	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:24:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	34468	1	Standard
	Cl	**37**		ug/L			6981290	6622665	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1617102	2	Standard
|	**Na**	**23**	**-0.411**	ug/L	0.037	9	27578	22178	1	Standard
|	**Mg**	**24**	**-0.086**	ug/L	0.008	8	5189	3356	3	Standard
|	**Al**	**27**	**-0.149**	ug/L	0.010	6	9166	6318	2	Standard
|	**K**	**39**	**-4.362**	ug/L	0.996	22	318667	309052	0	Standard
|	**Ca**	**44**	**0.144**	ug/L	0.314	217	8570	9468	2	Standard
|	**Fe**	**54**	**84.176**	ug/L	2.182	2	73091	252371	0	Standard
|	**Fe**	**57**	**-5.240**	ug/L	0.612	11	19491	16718	0	Standard
⌊	**Mn**	**55**	**0.012**	ug/L	0.000	2	1570	2205	1	Standard
⌈>	**Ge**	**72**		ug/L			104273	97827	1	KED
|	**Zn**	**66**	**-0.166**	ug/L	0.028	16	288	155	12	KED
⌊	**Zn**	**67**	**-0.096**	ug/L	0.090	93	38	24	42	KED
	Y	**89**		ug/L			719025	770732	0	Standard
	Kr	**83**		ug/L			306	302	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:27:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	30879	1	Standard
	Cl	**37**		ug/L			6981290	6271553	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1359434	0	Standard
|	**Na**	**23**	**-0.101**	ug/L	0.031	30	27578	23531	1	Standard
|	**Mg**	**24**	**-0.052**	ug/L	0.009	16	5189	3573	5	Standard
|	**Al**	**27**	**-0.327**	ug/L	0.005	1	9166	1699	5	Standard
|	**K**	**39**	**4.473**	ug/L	0.266	5	318667	321439	0	Standard
|	**Ca**	**44**	**-1.345**	ug/L	0.228	16	8570	6337	3	Standard
|	**Fe**	**54**	**-22.428**	ug/L	0.076	0	73091	27781	0	Standard
|	**Fe**	**57**	**-4.061**	ug/L	0.341	8	19491	14892	1	Standard
⌊	**Mn**	**55**	**-0.020**	ug/L	0.000	2	1570	687	2	Standard
⌈>	**Ge**	**72**		ug/L			104273	92476	0	KED
|	**Zn**	**66**	**-0.159**	ug/L	0.010	6	288	151	4	KED
⌊	**Zn**	**67**	**-0.100**	ug/L	0.046	45	38	22	22	KED
	Y	**89**		ug/L			719025	662480	0	Standard
	Kr	**83**		ug/L			306	268	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:30:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	31024	1	Standard
	Cl	**37**		ug/L			6981290	6377246	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1368474	1	Standard
|	**Na**	**23**	**-0.159**	ug/L	0.030	18	27578	22760	0	Standard
|	**Mg**	**24**	**-0.094**	ug/L	0.005	5	5189	2673	5	Standard
|	**Al**	**27**	**-0.331**	ug/L	0.001	0	9166	1633	1	Standard
|	**K**	**39**	**4.136**	ug/L	0.652	15	318667	321177	0	Standard
|	**Ca**	**44**	**-1.639**	ug/L	0.086	5	8570	6056	1	Standard
|	**Fe**	**54**	**-22.495**	ug/L	0.289	1	73091	27845	0	Standard
|	**Fe**	**57**	**-4.397**	ug/L	0.120	2	19491	14753	1	Standard
⌊	**Mn**	**55**	**-0.022**	ug/L	0.001	3	1570	635	3	Standard
⌈>	**Ge**	**72**		ug/L			104273	92696	0	KED
|	**Zn**	**66**	**-0.155**	ug/L	0.045	29	288	154	19	KED
⌊	**Zn**	**67**	**-0.101**	ug/L	0.076	75	38	22	36	KED
	Y	**89**		ug/L			719025	671559	1	Standard
	Kr	**83**		ug/L			306	277	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Friday, July 16, 2021 04:34:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071521_mod.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30914	31167	1	Standard
	Cl	**37**		ug/L			6981290	6369496	0	Standard
⌈>	**Sc**	**45**		ug/L			1492312	1366546	0	Standard
|	**Na**	**23**	**-0.192**	ug/L	0.018	9	27578	22214	1	Standard
|	**Mg**	**24**	**-0.103**	ug/L	0.007	6	5189	2476	6	Standard
|	**Al**	**27**	**-0.333**	ug/L	0.002	0	9166	1575	2	Standard
|	**K**	**39**	**4.150**	ug/L	0.538	12	318667	320849	0	Standard
|	**Ca**	**44**	**-1.562**	ug/L	0.120	7	8570	6133	1	Standard
|	**Fe**	**54**	**-22.423**	ug/L	0.238	1	73091	27934	1	Standard
|	**Fe**	**57**	**-4.341**	ug/L	0.322	7	19491	14771	1	Standard
⌊	**Mn**	**55**	**-0.022**	ug/L	0.001	3	1570	612	4	Standard
⌈>	**Ge**	**72**		ug/L			104273	94091	1	KED
|	**Zn**	**66**	**-0.155**	ug/L	0.022	14	288	156	8	KED
⌊	**Zn**	**67**	**-0.075**	ug/L	0.063	83	38	26	27	KED
	Y	**89**		ug/L			719025	677844	1	Standard
	Kr	**83**		ug/L			306	300	3	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EG00056
Instrument: ICPMS1
Calibration Date: 07/19/2021 15:19

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cadmium-111	0	0	0.1	490	10	453.5	20	453.7	50	431.72	100	434.92
Cadmium-114	0	0	0.1	1180	10	1139	20	1133.9	50	1100.48	100	1099.53

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EG00056	Instrument:	ICPMS1
Calibration Date:	07/19/2021 15:19		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Cadmium-111	377.3067	49.3	0.9999		0.998	
Cadmium-114	942.1517	49.1	1.0000		0.998	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MS **Sequence:** SJGΦ243 **Cal:** EGΦΦΦ56

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
	✓	SEQ-CAL1			
		-CAL2			
		-CAL3			
		-CAL4			
		-CAL5			Sc, In, Tb no3y
	↓	BLK			
		SEQ-CAL1	J746Φ		
		-CAL2	J7148		
		-CAL3	J7149		
		-CAL4	J715Φ		
		-CAL5	J7461		
		-CAL6	J7151		
		-IBL1	—		
		-ICV1	J6292		
	✓	-ICB1	—		Ge no3y
		-ICB1	J746Φ		
		-CCV1	J7461		
		-CCB1	J746Φ		
		-CRL1	J7148		
		-IFA1	J7152		Cr^{53} ↑
		-IFB1	J7153		↓
		-HCV1	J6678		Ag, Ba^{137} ↓ - Ag, Ba < 100
		-HCV2	J6918		Ag, Ba, Zn ↓ - Zn < 200
	✓	-HCV2	—		↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBL2+3			
		↓ -CCV2			
		↓ -CCB2			
		BJGΦ366-BLK2	REN		No Zn (Al, Cr)
		↓ -BS2	↓		↓
		BJGΦ423-BLK1	↓		
		↓ -BS1	↓		
		21GΦ179-Φ1	↓		
		21GΦ13Φ-Φ1	↓		
		↓ -Φ2	↓		
		↓ -Φ3	↓		
		↓ -Φ8	↓		
		SEQ-IBL4			
		↓ -CCV3			
		↓ -CCB3			
		BJGΦ26Φ-BLK1	SWN	20	No Cr/Zn NR
	✓	↓ -BS1	↓	↓	Multiple %R's ↓ ↓
		↓ -BS1	↓	↓	Zn %R's ↓ ↓
		21FΦ178-Φ3	↓	↓	
		21FΦ43Φ-1Φ	↓	↓	No Cr/Zn NR
		↓ -Φ9	↓	↓	↓ ↓
		↓ -Φ8	↓	↓	↓ ↓
		BJGΦ26Φ-DUP1	↓	↓	↓ ↓
		↓ -MS1	↓	↓	Ag %R LOW ↓ ↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 7/19/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJG0266-PS1	SWN	20	0.060mL 5733 Ag only
		SEQ-CCV4			Cr^{52}
		↓ -CCB4			
		BJF0847-BLK2	REN		Cd, Cu, Pb only
		↓ -BS2	↓		↓
		BJF0848-BLK2	↓		Mn, Pb > ½RL Cd, Cu only
		↓ -BS2	↓		↓
		21F0123-38RE1	RHN		Cd only
		21F0448-01	SWN	20	No Cr / Zn NR
		21F0436-11	↓	↓	↓ ↓
	✓	-14	↓	↓	Ge noisy
		↓ -15	↓	↓	
		SEQ-IBL5			
		-CCV5			
		↓ -CCB5			
		BJF0844-BLK2	REN		Cd, Cu, Pb only
		↓ -BS2	↓		↓
		21F0123-05	↓	5	Ba only
		BJF0556-DUP4	↓	↓	↓
		-MS4	↓	↓	↓
		↓ -MSD4	↓	↓	↓
		21G0165-01	↓	↓	Ag, As, Ba, Cr, Cu, Ni, Pb, Se only
		BJG0366-DUP2	↓	↓	↓
		↓ -MS2	↓	↓	↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MS **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-IBL6			
		-CCV6			Mn↑/In↑ noisy
		-CCB6			
	✓	-CAL1			
		-CCV7			Mn↑
		-CCB7			
		21GΦΦ75-Φ1	REN		
		21GΦΦ76-Φ1			Zn↑ No Zn
		21GΦ167-Φ1			
		21GΦΦ83-Φ1			
		-Φ4			
		-Φ8			
		-11			
		-12			
		21GΦ171-Φ1			
		SEQ-IBL7			(Cr^{53}↑)
		-CCV8			Mn↑
		-CCB8			
		21FΦ13Φ-33	REN	2	Cd only
		21GΦΦ96-Φ3			Sc↑ As only
	✓	-Φ1		5	
		21GΦ1Φ9-Φ1		10	
		21GΦ11Φ-Φ1		20	
		21GΦ121-12			No Cr

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted. MB 7/19/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJGΦ423-DUP1	REN		Sc, Rh, Tb noisy - %R + Pb OK/Match Parent — No Cr
		↓ -MS1	↓		Sc↑ ↓
		↓ -MSD1	↓		↓
		SEQ-IBL8			
		↓ -CCV9			
		↓ -CCB9			
		ZIFΦ196-24	REN		Cd NO / In noisy — Cr, Pb only / Cd NR
		-3Φ	↓		↓ ↓ ↓
		-43	↓	20	Mn only
		-Φ1	↓		Cd NO — Cd NR
		-Φ2	↓		↓ ↓
		-Φ3	↓		↓ ↓
F→G		G ZIFΦ181-Φ1	↓		
↓		↓ -Φ2	↓		
↓		↓ -Φ3	↓		
		SEQ-IBL9			
		↓ -CCVA			
		↓ -CCBA			
		ZIFΦ196-Φ4	REN		No Mn
		-Φ5	↓		↓
		-Φ8	↓		↓
		-1Φ	↓		Cd NO — ↓/Cd NR
		-11	↓		Ge ↓/Mn↑ — Cd, Pb only
		↓ -Φ9	↓		No Mn

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** ——— **Cal:** ———

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BJF0848-DUP1	REN		No Mn
		-MS1	↓		↓
		-MSD1	↓		↓
		SEQ-IBLA			
		-CCVB			Mn↑
		-CCBB			
	✓	-CAL1			
		-CCVC			Mn↑
		-CCBC			
		21F0196-12	REN		Mn, Zn↑ No Mn, Zn
		-13	↓		↓ ↓
		-14	↓		Cd ND No Mn/Cd NR
		-16	↓		↓ ↓
		-17	↓		↓
		-19	↓		↓/Ge noisy - %R+ Analytes OK/Nokin dup ↓
		BJF0847-DUP1	↓		
		-MS1	↓		↓
		-MSD1	↓		↓
		SEQ-IBLB			
		-CCVD			Mn↑
		-CCBD			
		21F0196-21	REN		Cd ND No Mn/Cd NR
		-23	↓		↓ ↓ ↓
		-25	↓		↓ ↓ ↓

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** _____ **Cal:** _____

All corrections made by analyst unless otherwise noted. MB 7/19/21

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21F0196-26	REN		Cd ND / No Mn / Cd NR
		-27			
		-22			
		BJF0844-DUP1			
		-MS1			
		-MSD1			
		SEQ-IBLC			
		-CCVE			Mn ↑
		-CCBE			
		21F0196-28	REN		Cd ND / No Mn / Cd NR
		-29			Cu, Zn ↑ / Cd, Pb only
		-31			Ge noisy
		-32			Cu, Zn ↑
		-33			
		-34			Ba noisy / Pb only
		-35			Cd, Pb only
		-36			
		-37			No Mn
		SEQ-IBLD			(Sc, In, Tl noisy)
		-CCVF			Mn ↑
		-CCBF			
		21F0196-38	REN		Cd ND / No Mn / Cd NR
		-39			
		-40			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS - 01 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 85DN5032601

Analysis Date: 7/19/21 **Analyst:** MB **Sequence:** — **Cal:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		21F0196-41	REN		CaNO No Mn/Ca NR
		-42			Mn, Zn↑ No Mn, Zn
		-44			No Mn
		-45			↓
		SEQ-IBLE			
		-CCVG			Mn↑
		-CCBG			
		Rinse/DI			
			MB 7/19/21		

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 19, 2021 12:43:50
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11301
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	9832.5	9832.516	85.664	0.9	Standard
	In	114.9	123055.6	123055.594	2250.047	1.8	Standard
	U	238.1	146497.9	146497.850	3062.145	2.1	Standard
⌈	CeO	155.9	3352.9	0.021	0.000	1.8	Standard
| >	Ce	139.9	159462.9	159462.916	2148.661	1.3	Standard
⌊	Ce++	70.0	1476.5	0.009	0.000	2.7	Standard
	Bkgd	220.0	0.5	0.533	0.217	40.7	Standard

Current Conditions File Data

Current Value	Description
0.95	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 12:43:48 PM
End Time: 7/19/2021 12:45:55 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 9832.52
Obtained Intensity (In 115): 123055.59
Obtained Intensity (U 238): 146497.85
Obtained Intensity (Bkgd 220): 0.53
Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=1476.54 / 159462.92)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=3352.86 / 159462.92)

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 12:43:48 PM

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 1
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9832.52
Obtained Intensity (In 115): 123055.59
Obtained Intensity (U 238): 146497.85
Obtained Intensity (Bkgd 220): 0.53
Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=1476.54 / 159462.92)
Obtained Formula (CeO 156 / Ce 140): 0.021 (=3352.86 / 159462.92)

[Passed] Optimum value(s): N/A

End Time: 7/19/2021 12:45:55 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 19, 2021 12:58:21
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11307
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8383.6	8383.593	133.919	1.6	Standard
	In	114.9	99015.4	99015.370	710.131	0.7	Standard
	U	238.1	137279.9	137279.905	1442.624	1.1	Standard
⌈	CeO	155.9	2823.0	0.020	0.000	1.5	Standard
| >	Ce	139.9	143981.0	143980.953	907.384	0.6	Standard
⌊	Ce++	70.0	1155.6	0.008	0.000	3.4	Standard
	Bkgd	220.0	0.7	0.733	0.253	34.5	Standard

Current Conditions File Data

Current Value	Description
0.94	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 12:46:20 PM
End Time: 7/19/2021 1:00:25 PM

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
2.33 mm	-1.08 mm	137699.46

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.94
Obtained Intensity (In 115): 113560.57
Obtained Formula (CeO 156 / Ce 140): 0.0196 (=3034.32 / 154826.47)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.722)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.700)
Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.698)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.701)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.989; Intercept = -13.56

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.995; Intercept = -13.93

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 8383.59
Obtained Intensity (In 115): 99015.37
Obtained Intensity (U 238): 137279.91
Obtained Intensity (Bkgd 220): 0.73
Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1155.58 / 143980.95)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2823.01 / 143980.95)
Obtained RSD (Be 9): 0.0160
Obtained RSD (In 115): 0.0072
Obtained RSD (U 238): 0.0105

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 12:46:20 PM

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:
		Vertical	Horizontal	Intensity
[Passed]	2.33 mm	-1.08 mm	137699.46

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.9/1/0.01.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.023

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 113560.57
		Obtained Formula (CeO 156 / Ce 140): 0.0196 (=3034.32 / 154826.47)
[Passed] Optimum value(s): 0.94

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution
		Peak height (%) for Res. Opt.: 10

	Optimization Results:
	Initial Try
		Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.722)
		Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.700)
		Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.698)
		Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.701)
[Passed] Optimum value(s): N/A

QID STD/DRC
	Optimization Settings:
		Method: QID Calibration.mth.
			Initial Try - Start/End/Step: -20/0/0.5.

	Optimization Results:
	Initial Try

  Optimum value(s): Correlation Coefficient = 0.989; Intercept = -13.56

	Analyte	Mass	Points	DAC	MaxIntensity

Li	7	41	-13.5	31013.6
Mg	24	41	-13.5	52279.5
In	115	41	-11	109768
Ce	140	41	-11	156484
Pb	208	41	-10	81463.6
U	238	41	-10	144624

KED Mode QID

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 0.995; Intercept = -13.93

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	19861.8
Mg	24	41	-12.5	50296.4
In	115	41	-11	112171
Ce	140	41	-10.5	103308
Pb	208	41	-10	44962.6
U	238	41	-9.5	86593.7

STD Performance Check

Optimization Settings:

Method: STD Performance Check.mth.

Intensity Criterion: Be 9 > 2000

Intensity Criterion: In 115 > 40000

Intensity Criterion: U 238 > 30000

Intensity Criterion: Bkgd 220 <= 5

Formula Criterion: Ce++ 70 / Ce 140 <= 0.03

Formula Criterion: CeO 156 / Ce 140 <= 0.025

RSD Criterion: Be 9.0122 < 0.05

RSD Criterion: In 114.904 < 0.05

RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 8383.59

Obtained Intensity (In 115): 99015.37

Obtained Intensity (U 238): 137279.91

Obtained Intensity (Bkgd 220): 0.73

Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1155.58 / 143980.95)

Obtained Formula (CeO 156 / Ce 140): 0.020 (=2823.01 / 143980.95)

Obtained RSD (Be 9): 0.0160

Obtained RSD (In 115): 0.0072

Obtained RSD (U 238): 0.0105

[Passed] Optimum value(s): N/A

End Time: 7/19/2021 1:00:25 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 1:03:08 PM
End Time: 7/19/2021 1:03:12 PM

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 1:03:08 PM

End Time: 7/19/2021 1:03:12 PM

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 1:16:30 PM
End Time: 7/19/2021 1:17:36 PM

QID STD/DRC - Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.37

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 1:16:30 PM

QID STD/DRC

Optimization Settings:

Method: QID Calibration.mth.

Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:

Initial Try

Optimum value(s): Correlation Coefficient = 1.000; Intercept = -13.37

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-13.5	29646.7
Mg	24	41	-13.5	51344.1
In	115	41	-11	110224
Ce	140	41	-10.5	152271
Pb	208	41	-10.5	79894.8
U	238	41	-10.5	139288

End Time: 7/19/2021 1:17:36 PM

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, July 19, 2021 13:18:08
Sample Description:
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth
Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\STD Performance Check.11312
MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	8787.0	8787.035	71.745	0.8	Standard
	In	114.9	101377.6	101377.610	1180.375	1.2	Standard
	U	238.1	137799.4	137799.400	1387.845	1.0	Standard
⌈	CeO	155.9	2882.6	0.020	0.000	1.7	Standard
| >	Ce	139.9	146184.3	146184.309	1180.872	0.8	Standard
⌊	Ce++	70.0	1197.1	0.008	0.000	1.2	Standard
	Bkgd	220.0	0.9	0.900	0.253	28.1	Standard

Current Conditions File Data

Current Value	Description
0.94	Nebulizer Gas Flow STD/KED [NEB]
1.25	Auxiliary Gas Flow
17.50	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1862.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-17.00	Cell Rod Offset STD [CRO]
14.00	Discriminator Threshold
-2.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.45	RPq
0.94	DRC Mode NEB
-7.50	DRC Mode QRO
-2.00	DRC Mode CRO
-5.00	DRC Mode Cell Entrance/Exit Voltage
1.00	Cell Gas A
0.00	Cell Gas B
200.00	Axial Field Voltage
-11.00	KED Mode CRO
-12.00	KED Mode QRO
-11.00	KED Mode Cell Entrance Voltage
-33.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
125.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Start Time: 7/19/2021 1:18:07 PM
End Time: 7/19/2021 1:20:13 PM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 8787.04
Obtained Intensity (In 115): 101377.61
Obtained Intensity (U 238): 137799.40
Obtained Intensity (Bkgd 220): 0.90
Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1197.12 / 146184.31)
Obtained Formula (CeO 156 / Ce 140): 0.020 (=2882.56 / 146184.31)
Obtained RSD (Be 9): 0.0082
Obtained RSD (In 115): 0.0116
Obtained RSD (U 238): 0.0101

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Wizard\SmartTune\ARISmartTuneDailyUCT.swz

Optimization Status

Start Time: 7/19/2021 1:18:07 PM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 5
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025
		RSD Criterion: Be 9.0122 < 0.05
		RSD Criterion: In 114.904 < 0.05
		RSD Criterion: U 238.05 < 0.05

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 8787.04
		Obtained Intensity (In 115): 101377.61
		Obtained Intensity (U 238): 137799.40
		Obtained Intensity (Bkgd 220): 0.90
		Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=1197.12 / 146184.31)
		Obtained Formula (CeO 156 / Ce 140): 0.020 (=2882.56 / 146184.31)
		Obtained RSD (Be 9): 0.0082
		Obtained RSD (In 115): 0.0116
		Obtained RSD (U 238): 0.0101

[Passed] Optimum value(s): N/A

End Time: 7/19/2021 1:20:13 PM

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 14:49:32

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				30071	1	Standard
	Cl	**37**		ug/L				6394025	2	Standard
>	**Sc**	**45**		ug/L				1364332	1	Standard
	Cr	**52**		ug/L				21685	2	Standard
	Cr	**53**		ug/L				236	3	Standard
	Mn	**55**		ug/L				1065	1	Standard
>	**Ge**	**72**		ug/L				98904	4	KED
	Ni	**60**		ug/L				40	16	KED
	Ni	**62**		ug/L				6	96	KED
	Cu	**63**		ug/L				97	13	KED
	Cu	**65**		ug/L				41	5	KED
	Zn	**66**		ug/L				212	12	KED
	Zn	**67**		ug/L				38	13	KED
	As	**75**		ug/L				3	31	KED
	Se	**78**		ug/L				16	4	KED
	Y	**89**		ug/L				664044	1	Standard
	Kr	**83**		ug/L				311	3	Standard
>	**In-1**	**115**		ug/L				28001	0	KED
	Mo	**98**		ug/L				6	43	KED
	Cd	**111**		ug/L				2	65	KED
	Cd	**114**		ug/L				2	45	KED
>	**In**	**115**		ug/L				1198797	1	Standard
	Ag	**107**		ug/L				32	35	Standard
	Ba	**135**		ug/L				101	5	Standard
	Ba	**137**		ug/L				158	11	Standard
>	**Tb**	**159**		ug/L				2396190	1	Standard
	Pb	**208**		ug/L				613	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 14:53:51

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30071	33798	1	Standard
	Cl	**37**		ug/L			6394025	6325869	1	Standard
⌈>	**Sc**	**45**		ug/L			1364332	1382032	2	Standard
|	**Cr**	**52**	**0.500**	ug/L	0.006	1	21685	35933	2	Standard
|	**Cr**	**53**	**0.500**	ug/L	0.010	2	236	1889	2	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.013	2	1065	22758	2	Standard
⌈>	**Ge**	**72**		ug/L			98904	102536	0	KED
|	**Ni**	**60**	**0.500**	ug/L	0.024	4	40	960	4	KED
|	**Ni**	**62**	**0.500**	ug/L	0.039	7	6	153	8	KED
|	**Cu**	**63**	**0.500**	ug/L	0.011	2	97	2631	2	KED
|	**Cu**	**65**	**0.500**	ug/L	0.027	5	41	1387	4	KED
|	**Zn**	**66**	**4.000**	ug/L	0.095	2	212	5061	2	KED
|	**Zn**	**67**	**4.000**	ug/L	0.314	7	38	760	6	KED
|	**As**	**75**	**0.200**	ug/L	0.009	4	3	85	3	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.082	16	16	43	9	KED
	Y	**89**		ug/L			664044	667481	2	Standard
	Kr	**83**		ug/L			311	336	11	Standard
⌈>	**In-1**	**115**		ug/L			28001	26316	5	KED
|	**Mo**	**98**	**0.200**	ug/L	0.015	7	6	374	3	KED
|	**Cd**	**111**	**0.100**	ug/L	0.014	13	2	45	9	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.013	12	2	110	11	KED
⌈>	**In**	**115**		ug/L			1198797	1208416	0	Standard
|	**Ag**	**107**	**0.200**	ug/L	0.008	3	32	3416	3	Standard
|	**Ba**	**135**	**0.500**	ug/L	0.014	2	101	3851	2	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.011	2	158	7105	2	Standard
⌈>	**Tb**	**159**		ug/L			2396190	2390063	1	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.002	1	613	13155	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 14:58:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30071	47990	1	Standard
	Cl	**37**		ug/L			6394025	6578972	0	Standard
⌈>	**Sc**	**45**		ug/L			1364332	1401668	1	Standard
|	**Cr**	**52**	**10.002**	ug/L	0.084	0	21685	324015	0	Standard
|	**Cr**	**53**	**10.001**	ug/L	0.118	1	236	35316	1	Standard
⌊	**Mn**	**55**	**10.001**	ug/L	0.195	1	1065	453920	0	Standard
⌈>	**Ge**	**72**		ug/L			98904	105116	1	KED
|	**Ni**	**60**	**9.999**	ug/L	0.159	1	40	18259	2	KED
|	**Ni**	**62**	**10.000**	ug/L	0.136	1	6	3053	1	KED
|	**Cu**	**63**	**10.000**	ug/L	0.089	0	97	52958	1	KED
|	**Cu**	**65**	**9.999**	ug/L	0.153	1	41	26108	1	KED
|	**Zn**	**66**	**9.334**	ug/L	0.222	2	212	8403	1	KED
|	**Zn**	**67**	**9.459**	ug/L	0.478	5	38	1346	4	KED
|	**As**	**75**	**10.000**	ug/L	0.059	0	3	3942	0	KED
⌊	**Se**	**78**	**9.997**	ug/L	0.178	1	16	499	1	KED
	Y	**89**		ug/L			664044	675815	0	Standard
	Kr	**83**		ug/L			311	327	9	Standard
⌈>	**In-1**	**115**		ug/L			28001	28082	0	KED
|	**Mo**	**98**	**10.000**	ug/L	0.120	1	6	19382	0	KED
|	**Cd**	**111**	**10.000**	ug/L	0.150	1	2	4539	1	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.110	1	2	11371	0	KED
⌈>	**In**	**115**		ug/L			1198797	1258956	1	Standard
|	**Ag**	**107**	**10.000**	ug/L	0.170	1	32	177753	0	Standard
|	**Ba**	**135**	**10.001**	ug/L	0.105	1	101	81183	1	Standard
⌊	**Ba**	**137**	**10.000**	ug/L	0.134	1	158	143794	0	Standard
⌈>	**Tb**	**159**		ug/L			2396190	2473456	0	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.080	0	613	1161432	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 15:02:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30071	46566	1	Standard
	Cl	**37**		ug/L			6394025	6554733	1	Standard
⌈>	**Sc**	**45**		ug/L			1364332	1395140	1	Standard
|	**Cr**	**52**	**19.948**	ug/L	0.302	1	21685	615057	1	Standard
|	**Cr**	**53**	**20.029**	ug/L	0.347	1	236	70543	0	Standard
⌊	**Mn**	**55**	**20.023**	ug/L	0.467	2	1065	907637	1	Standard
⌈>	**Ge**	**72**		ug/L			98904	105096	1	KED
|	**Ni**	**60**	**19.987**	ug/L	0.239	1	40	36352	0	KED
|	**Ni**	**62**	**19.851**	ug/L	0.478	2	6	5876	0	KED
|	**Cu**	**63**	**19.900**	ug/L	0.461	2	97	103171	0	KED
|	**Cu**	**65**	**20.001**	ug/L	0.611	3	41	52164	1	KED
|	**Zn**	**66**	**19.682**	ug/L	0.410	2	212	16568	1	KED
|	**Zn**	**67**	**19.821**	ug/L	0.229	1	38	2696	2	KED
|	**As**	**75**	**20.024**	ug/L	0.300	1	3	7926	0	KED
⌊	**Se**	**78**	**19.984**	ug/L	0.712	3	16	978	1	KED
	Y	**89**		ug/L			664044	682236	0	Standard
	Kr	**83**		ug/L			311	304	5	Standard
⌈>	**In-1**	**115**		ug/L			28001	27970	0	KED
|	**Mo**	**98**	**19.999**	ug/L	0.424	2	6	38601	2	KED
|	**Cd**	**111**	**19.923**	ug/L	0.362	1	2	8869	2	KED
⌊	**Cd**	**114**	**20.019**	ug/L	0.133	0	2	22755	0	KED
⌈>	**In**	**115**		ug/L			1198797	1250599	1	Standard
|	**Ag**	**107**	**20.022**	ug/L	0.267	1	32	355108	0	Standard
|	**Ba**	**135**	**19.941**	ug/L	0.286	1	101	158793	1	Standard
⌊	**Ba**	**137**	**19.972**	ug/L	0.398	1	158	283509	0	Standard
⌈>	**Tb**	**159**		ug/L			2396190	2468330	1	Standard
⌊	**Pb**	**208**	**19.969**	ug/L	0.175	0	613	2299704	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:07:25

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			30071	29937	3	Standard
	Cl	**37**		ug/L			6394025	6480673	3	Standard
>	**Sc**	**45**		ug/L			1364332	1286654	8	Standard
	Cr	**52**	**50.516**	ug/L	4.091	8	21685	1473759	1	Standard
	Cr	**53**	**50.474**	ug/L	4.288	8	236	170926	0	Standard
	Mn	**55**	**49.182**	ug/L	4.505	9	1065	1889754	0	Standard
>	**Ge**	**72**		ug/L			98904	101985	1	KED
	Ni	**60**	**49.885**	ug/L	0.300	0	40	86989	1	KED
	Ni	**62**	**49.753**	ug/L	0.612	1	6	13941	1	KED
	Cu	**63**	**49.961**	ug/L	0.890	1	97	250238	0	KED
	Cu	**65**	**49.844**	ug/L	0.610	1	41	124182	0	KED
	Zn	**66**	**49.623**	ug/L	0.741	1	212	38795	0	KED
	Zn	**67**	**49.740**	ug/L	0.589	1	38	6346	0	KED
	As	**75**	**50.135**	ug/L	0.887	1	3	19514	0	KED
	Se	**78**	**49.865**	ug/L	1.481	2	16	2312	1	KED
	Y	**89**		ug/L			664044	622834	8	Standard
	Kr	**83**		ug/L			311	320	9	Standard
>	**In-1**	**115**		ug/L			28001	27303	0	KED
	Mo	**98**	**50.076**	ug/L	0.574	1	6	95056	1	KED
	Cd	**111**	**50.004**	ug/L	0.199	0	2	21734	0	KED
	Cd	**114**	**49.957**	ug/L	0.525	1	2	55194	0	KED
>	**In**	**115**		ug/L			1198797	1148510	9	Standard
	Ag	**107**	**50.235**	ug/L	3.296	6	32	834617	2	Standard
	Ba	**135**	**50.552**	ug/L	4.407	8	101	389109	1	Standard
	Ba	**137**	**50.557**	ug/L	4.202	8	158	694286	1	Standard
>	**Tb**	**159**		ug/L			2396190	2293399	7	Standard
	Pb	**208**	**49.987**	ug/L	4.402	8	613	5317400	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BLK
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 15:15:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			0	34403	2	Standard
	Cl	**37**		ug/L			0	6364079	0	Standard
⌈>	**Sc**	**45**		ug/L			0	1378076	1	Standard
|	**Cr**	**52**		ug/L			0	23204	1	Standard
|	**Cr**	**53**		ug/L			0	229	3	Standard
⌊	**Mn**	**55**		ug/L			0	1381	1	Standard
⌈>	**Ge**	**72**		ug/L			0	103391	1	KED
|	**Ni**	**60**		ug/L			0	41	4	KED
|	**Ni**	**62**		ug/L			0	8	24	KED
|	**Cu**	**63**		ug/L			0	94	2	KED
|	**Cu**	**65**		ug/L			0	52	26	KED
|	**Zn**	**66**		ug/L			0	325	1	KED
|	**Zn**	**67**		ug/L			0	53	10	KED
|	**As**	**75**		ug/L			0	7	22	KED
⌊	**Se**	**78**		ug/L			0	18	22	KED
	Y	**89**		ug/L			0	674041	1	Standard
	Kr	**83**		ug/L			0	300	8	Standard
⌈>	**In-1**	**115**		ug/L			0	27695	2	KED
|	**Mo**	**98**		ug/L			0	40	23	KED
|	**Cd**	**111**		ug/L			0	6	18	KED
⌊	**Cd**	**114**		ug/L			0	5	49	KED
⌈>	**In**	**115**		ug/L			0	1239011	0	Standard
|	**Ag**	**107**		ug/L			0	65	22	Standard
|	**Ba**	**135**		ug/L			0	93	18	Standard
⌊	**Ba**	**137**		ug/L			0	174	7	Standard
⌈>	**Tb**	**159**		ug/L			0	2432067	0	Standard
⌊	**Pb**	**208**		ug/L			0	775	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:19:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				29587	1	Standard
	Cl	**37**		ug/L				6351901	0	Standard
>	**Sc**	**45**		ug/L				1373317	1	Standard
	Cr	**52**		ug/L				22922	2	Standard
	Cr	**53**		ug/L				225	5	Standard
	Mn	**55**		ug/L				1193	5	Standard
>	**Ge**	**72**		ug/L				104285	0	KED
	Ni	**60**		ug/L				39	21	KED
	Ni	**62**		ug/L				5	66	KED
	Cu	**63**		ug/L				99	5	KED
	Cu	**65**		ug/L				43	13	KED
	Zn	**66**		ug/L				252	5	KED
	Zn	**67**		ug/L				36	15	KED
	As	**75**		ug/L				4	38	KED
	Se	**78**		ug/L				18	13	KED
	Y	**89**		ug/L				663496	0	Standard
	Kr	**83**		ug/L				309	15	Standard
>	**In-1**	**115**		ug/L				27472	1	KED
	Mo	**98**		ug/L				20	41	KED
	Cd	**111**		ug/L				4	34	KED
	Cd	**114**		ug/L				2	95	KED
>	**In**	**115**		ug/L				1233845	1	Standard
	Ag	**107**		ug/L				36	9	Standard
	Ba	**135**		ug/L				67	18	Standard
	Ba	**137**		ug/L				123	9	Standard
>	**Tb**	**159**		ug/L				2424116	0	Standard
	Pb	**208**		ug/L				593	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:24:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	34212	1	Standard
	Cl	**37**		ug/L			6351901	6378182	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1383894	2	Standard
|	**Cr**	**52**	**0.500**	ug/L	0.016	3	22922	36825	2	Standard
|	**Cr**	**53**	**0.500**	ug/L	0.017	3	225	1894	1	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.011	2	1193	23606	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	103423	0	KED
|	**Ni**	**60**	**0.500**	ug/L	0.038	7	39	940	7	KED
|	**Ni**	**62**	**0.500**	ug/L	0.031	6	5	144	5	KED
|	**Cu**	**63**	**0.500**	ug/L	0.021	4	99	2691	3	KED
|	**Cu**	**65**	**0.500**	ug/L	0.013	2	43	1363	1	KED
|	**Zn**	**66**	**4.000**	ug/L	0.121	3	252	5061	2	KED
|	**Zn**	**67**	**4.000**	ug/L	0.201	5	36	795	4	KED
|	**As**	**75**	**0.200**	ug/L	0.023	11	4	85	11	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.079	15	18	37	8	KED
	Y	**89**		ug/L			663496	674110	2	Standard
	Kr	**83**		ug/L			309	318	5	Standard
⌈>	**In-1**	**115**		ug/L			27472	27512	1	KED
|	**Mo**	**98**	**0.200**	ug/L	0.010	5	20	385	6	KED
|	**Cd**	**111**	**0.100**	ug/L	0.011	10	4	49	9	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.007	6	2	118	5	KED
⌈>	**In**	**115**		ug/L			1233845	1232910	1	Standard
|	**Ag**	**107**	**0.200**	ug/L	0.001	0	36	3625	1	Standard
|	**Ba**	**135**	**0.500**	ug/L	0.022	4	67	3976	2	Standard
⌊	**Ba**	**137**	**0.500**	ug/L	0.009	1	123	6946	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2439395	0	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.001	0	593	13241	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:28:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	52266	1	Standard
	Cl	**37**		ug/L			6351901	6507521	2	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1394838	2	Standard
|	**Cr**	**52**	**10.002**	ug/L	0.211	2	22922	322876	1	Standard
|	**Cr**	**53**	**10.002**	ug/L	0.273	2	225	36091	1	Standard
⌊	**Mn**	**55**	**10.000**	ug/L	0.193	1	1193	454193	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	105893	1	KED
|	**Ni**	**60**	**10.000**	ug/L	0.117	1	39	18498	0	KED
|	**Ni**	**62**	**10.001**	ug/L	0.366	3	5	3027	3	KED
|	**Cu**	**63**	**10.000**	ug/L	0.069	0	99	53422	1	KED
|	**Cu**	**65**	**9.999**	ug/L	0.166	1	43	26319	1	KED
|	**Zn**	**66**	**9.339**	ug/L	0.192	2	252	8396	1	KED
|	**Zn**	**67**	**9.431**	ug/L	0.140	1	36	1389	0	KED
|	**As**	**75**	**10.000**	ug/L	0.030	0	4	3969	1	KED
⌊	**Se**	**78**	**10.006**	ug/L	0.172	1	18	503	1	KED
	Y	**89**		ug/L			663496	692262	1	Standard
	Kr	**83**		ug/L			309	301	6	Standard
⌈>	**In-1**	**115**		ug/L			27472	28076	0	KED
|	**Mo**	**98**	**10.000**	ug/L	0.126	1	20	19019	0	KED
|	**Cd**	**111**	**10.000**	ug/L	0.039	0	4	4535	0	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.036	0	2	11390	1	KED
⌈>	**In**	**115**		ug/L			1233845	1262401	1	Standard
|	**Ag**	**107**	**10.000**	ug/L	0.132	1	36	177952	0	Standard
|	**Ba**	**135**	**10.000**	ug/L	0.092	0	67	79870	1	Standard
⌊	**Ba**	**137**	**10.000**	ug/L	0.218	2	123	142305	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2459632	0	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.127	1	593	1143468	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:32:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	45456	0	Standard
	Cl	**37**		ug/L			6351901	6635542	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1415334	1	Standard
|	**Cr**	**52**	**19.943**	ug/L	0.152	0	22922	623190	1	Standard
|	**Cr**	**53**	**19.950**	ug/L	0.335	1	225	72113	0	Standard
⌊	**Mn**	**55**	**19.992**	ug/L	0.220	1	1193	918799	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	104253	0	KED
|	**Ni**	**60**	**20.015**	ug/L	0.355	1	39	36517	1	KED
|	**Ni**	**62**	**19.901**	ug/L	0.387	1	5	5811	1	KED
|	**Cu**	**63**	**20.025**	ug/L	0.108	0	99	105742	1	KED
|	**Cu**	**65**	**20.019**	ug/L	0.472	2	43	52022	1	KED
|	**Zn**	**66**	**19.822**	ug/L	0.304	1	252	16757	1	KED
|	**Zn**	**67**	**19.685**	ug/L	0.282	1	36	2671	0	KED
|	**As**	**75**	**20.106**	ug/L	0.238	1	4	8024	0	KED
⌊	**Se**	**78**	**20.024**	ug/L	0.726	3	18	977	2	KED
	Y	**89**		ug/L			663496	693530	0	Standard
	Kr	**83**		ug/L			309	342	0	Standard
⌈>	**In-1**	**115**		ug/L			27472	27919	0	KED
|	**Mo**	**98**	**20.117**	ug/L	0.206	1	20	38937	1	KED
|	**Cd**	**111**	**20.026**	ug/L	0.355	1	4	9074	1	KED
⌊	**Cd**	**114**	**20.005**	ug/L	0.172	0	2	22678	0	KED
⌈>	**In**	**115**		ug/L			1233845	1259581	1	Standard
|	**Ag**	**107**	**20.045**	ug/L	0.406	2	36	359103	1	Standard
|	**Ba**	**135**	**20.068**	ug/L	0.261	1	67	162053	1	Standard
⌊	**Ba**	**137**	**20.019**	ug/L	0.499	2	123	285181	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2496864	0	Standard
⌊	**Pb**	**208**	**19.949**	ug/L	0.203	1	593	2291671	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:37:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	30090	1	Standard
	Cl	**37**		ug/L			6351901	6699296	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1391007	0	Standard
|	**Cr**	**52**	**49.802**	ug/L	1.353	2	22922	1465907	1	Standard
|	**Cr**	**53**	**49.904**	ug/L	0.752	1	225	175277	0	Standard
⌊	**Mn**	**55**	**48.673**	ug/L	0.931	1	1193	1939578	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	101641	0	KED
|	**Ni**	**60**	**49.767**	ug/L	0.140	0	39	86464	0	KED
|	**Ni**	**62**	**49.919**	ug/L	1.084	2	5	14090	1	KED
|	**Cu**	**63**	**49.678**	ug/L	0.265	0	99	247628	0	KED
|	**Cu**	**65**	**49.902**	ug/L	0.206	0	43	125158	0	KED
|	**Zn**	**66**	**49.556**	ug/L	0.444	0	252	38817	1	KED
|	**Zn**	**67**	**49.543**	ug/L	0.596	1	36	6228	1	KED
|	**As**	**75**	**49.947**	ug/L	0.385	0	4	19327	0	KED
⌊	**Se**	**78**	**50.009**	ug/L	1.041	2	18	2355	1	KED
	Y	**89**		ug/L			663496	688146	1	Standard
	Kr	**83**		ug/L			309	314	4	Standard
⌈>	**In-1**	**115**		ug/L			27472	26979	0	KED
|	**Mo**	**98**	**50.246**	ug/L	0.278	0	20	96323	0	KED
|	**Cd**	**111**	**49.884**	ug/L	0.180	0	4	21586	1	KED
⌊	**Cd**	**114**	**50.039**	ug/L	0.718	1	2	55024	1	KED
⌈>	**In**	**115**		ug/L			1233845	1211948	1	Standard
|	**Ag**	**107**	**49.986**	ug/L	0.693	1	36	860358	1	Standard
|	**Ba**	**135**	**50.220**	ug/L	1.127	2	67	398794	0	Standard
⌊	**Ba**	**137**	**50.166**	ug/L	0.898	1	123	699092	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2475558	1	Standard
⌊	**Pb**	**208**	**49.530**	ug/L	0.202	0	593	5387034	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:44:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	40220	2	Standard
	Cl	**37**		ug/L			6351901	6622322	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1345047	0	Standard
|	**Cr**	**52**	**97.686**	ug/L	1.219	1	22922	2563016	0	Standard
|	**Cr**	**53**	**100.337**	ug/L	0.413	0	225	344429	0	Standard
⌊	**Mn**	**55**	**99.955**	ug/L	0.820	0	1193	3844964	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	99437	2	KED
|	**Ni**	**60**	**100.704**	ug/L	2.747	2	39	175151	0	KED
|	**Ni**	**62**	**100.770**	ug/L	2.458	2	5	28544	1	KED
|	**Cu**	**63**	**100.502**	ug/L	2.693	2	99	498114	0	KED
|	**Cu**	**65**	**100.195**	ug/L	1.945	1	43	247322	0	KED
|	**Zn**	**66**	**100.258**	ug/L	1.798	1	252	77218	1	KED
|	**Zn**	**67**	**100.580**	ug/L	1.383	1	36	12571	1	KED
|	**As**	**75**	**100.901**	ug/L	2.002	1	4	39362	0	KED
⌊	**Se**	**78**	**100.553**	ug/L	1.330	1	18	4700	2	KED
	Y	**89**		ug/L			663496	661600	1	Standard
	Kr	**83**		ug/L			309	320	4	Standard
⌈>	**In-1**	**115**		ug/L			27472	26917	2	KED
|	**Mo**	**98**	**100.381**	ug/L	3.130	3	20	194354	1	KED
|	**Cd**	**111**	**100.178**	ug/L	2.122	2	4	43492	0	KED
⌊	**Cd**	**114**	**100.056**	ug/L	1.764	1	2	109953	0	KED
⌈>	**In**	**115**		ug/L			1233845	1183420	1	Standard
|	**Ag**	**107**	**99.928**	ug/L	1.962	1	36	1675134	0	Standard
|	**Ba**	**135**	**100.390**	ug/L	3.179	3	67	788481	1	Standard
⌊	**Ba**	**137**	**100.762**	ug/L	1.103	1	123	1406695	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2416788	0	Standard
⌊	**Pb**	**208**	**99.300**	ug/L	1.019	1	593	10303352	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 15:51:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28994	1	Standard
	Cl	**37**		ug/L			6351901	6445178	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1371719	0	Standard
|	**Cr**	**52**	**-0.032**	ug/L	0.008	23	22922	22035	0	Standard
|	**Cr**	**53**	**-0.006**	ug/L	0.005	76	225	203	8	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.001	24	1193	1421	3	Standard
⌈>	**Ge**	**72**		ug/L			104285	104087	1	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.003	128	39	35	11	KED
|	**Ni**	**62**	**0.009**	ug/L	0.010	112	5	8	35	KED
|	**Cu**	**63**	**0.000**	ug/L	0.001	255	99	100	6	KED
|	**Cu**	**65**	**0.007**	ug/L	0.003	48	43	62	12	KED
|	**Zn**	**66**	**-0.002**	ug/L	0.005	281	252	250	2	KED
|	**Zn**	**67**	**0.049**	ug/L	0.066	134	36	43	20	KED
|	**As**	**75**	**0.009**	ug/L	0.006	65	4	7	29	KED
⌊	**Se**	**78**	**0.077**	ug/L	0.093	121	18	22	18	KED
	Y	**89**		ug/L			663496	677523	2	Standard
	Kr	**83**		ug/L			309	325	6	Standard
⌈>	**In-1**	**115**		ug/L			27472	27632	0	KED
|	**Mo**	**98**	**0.045**	ug/L	0.007	15	20	110	12	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.007	230	4	3	83	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.001	22	2	7	13	KED
⌈>	**In**	**115**		ug/L			1233845	1199069	1	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	22	36	122	14	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.002	122	67	77	19	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	179	123	127	9	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2446808	1	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.001	37	593	878	10	Standard

Sample Information

Sample Date/Time: Monday, July 19, 2021 15:44:03
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.m
Mass Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Cr	52	**0.9991**	0.019	0.50	10	20	50	100
Cr	53	**1.0000**	0.003	0.50	10	20	50	100
Mn	55	**0.9996**	0.029	0.50	10	20	50	100
Ge	72							
Ni	60	**0.9999**	0.017	0.50	10	20	50	100
Ni	62	**0.9999**	0.003	0.50	10	20	50	100
Cu	63	**0.9999**	0.050	0.50	10	20	50	100
Cu	65	**1.0000**	0.025	0.50	10	20	50	100
Zn	66	**0.9998**	0.008	4.00	10	20	50	100
Zn	67	**0.9998**	0.001	4.00	10	20	50	100
As	75	**0.9999**	0.004	0.20	10	20	50	100
Se	78	**0.9999**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Mo	98	**1.0000**	0.072	0.20	10	20	50	100
Cd	111	**1.0000**	0.016	0.10	10	20	50	100
Cd	114	**1.0000**	0.041	0.10	10	20	50	100
In	115							
Ag	107	**1.0000**	0.014	0.20	10	20	50	100
Ba	135	**1.0000**	0.007	0.50	10	20	50	100
Ba	137	**0.9999**	0.012	0.50	10	20	50	100
Tb	159							
Pb	208	**0.9999**	0.043	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:00:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	33773	2	Standard
	Cl	**37**		ug/L			6351901	6540762	2	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1378864	0	Standard
|	**Cr**	**52**	**54.948**	ug/L	0.567	1	22922	1488005	0	Standard
|	**Cr**	**53**	**49.208**	ug/L	0.731	1	225	173267	0	Standard
⌊	**Mn**	**55**	**50.008**	ug/L	0.189	0	1193	1972594	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	101744	2	KED
|	**Ni**	**60**	**49.418**	ug/L	0.658	1	39	87995	0	KED
|	**Ni**	**62**	**50.072**	ug/L	1.119	2	5	14517	0	KED
|	**Cu**	**63**	**50.242**	ug/L	0.953	1	99	254903	0	KED
|	**Cu**	**65**	**49.388**	ug/L	0.884	1	43	124781	1	KED
|	**Zn**	**66**	**48.164**	ug/L	1.338	2	252	38086	1	KED
|	**Zn**	**67**	**47.789**	ug/L	0.484	1	36	6131	1	KED
|	**As**	**75**	**48.163**	ug/L	0.205	0	4	19235	2	KED
⌊	**Se**	**78**	**74.975**	ug/L	0.968	1	18	3591	2	KED
	Y	**89**		ug/L			663496	675955	0	Standard
	Kr	**83**		ug/L			309	323	6	Standard
⌈>	**In-1**	**115**		ug/L			27472	27190	1	KED
|	**Mo**	**98**	**49.780**	ug/L	0.464	0	20	97403	1	KED
|	**Cd**	**111**	**49.124**	ug/L	0.377	0	4	21549	0	KED
⌊	**Cd**	**114**	**49.981**	ug/L	0.418	0	2	55492	0	KED
⌈>	**In**	**115**		ug/L			1233845	1201050	1	Standard
|	**Ag**	**107**	**50.082**	ug/L	0.243	0	36	852319	2	Standard
|	**Ba**	**135**	**48.272**	ug/L	1.284	2	67	384847	0	Standard
⌊	**Ba**	**137**	**48.470**	ug/L	1.244	2	123	686708	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2492746	1	Standard
⌊	**Pb**	**208**	**50.157**	ug/L	0.343	0	593	5367716	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 16:07:56
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	29018	2	Standard
	Cl	**37**		ug/L			6351901	6472949	1	Standard
>	**Sc**	**45**		ug/L			1373317	1366505	1	Standard
	Cr	**52**	**-0.024**	ug/L	0.020	81	22922	22163	0	Standard
	Cr	**53**	**-0.002**	ug/L	0.002	83	225	216	5	Standard
	Mn	**55**	**0.000**	ug/L	0.001	22078	1193	1187	2	Standard
>	**Ge**	**72**		ug/L			104285	96765	11	KED
	Ni	**60**	**-0.002**	ug/L	0.006	259	39	31	18	KED
	Ni	**62**	**0.009**	ug/L	0.014	152	5	7	43	KED
	Cu	**63**	**0.001**	ug/L	0.001	64	99	96	10	KED
	Cu	**65**	**0.004**	ug/L	0.003	81	43	50	25	KED
	Zn	**66**	**0.012**	ug/L	0.020	170	252	243	17	KED
	Zn	**67**	**-0.038**	ug/L	0.110	290	36	28	33	KED
	As	**75**	**0.004**	ug/L	0.003	67	4	5	30	KED
	Se	**78**	**0.030**	ug/L	0.122	402	18	18	16	KED
	Y	**89**		ug/L			663496	663638	1	Standard
	Kr	**83**		ug/L			309	317	7	Standard
>	**In-1**	**115**		ug/L			27472	27003	1	KED
	Mo	**98**	**0.020**	ug/L	0.010	50	20	59	34	KED
	Cd	**111**	**-0.001**	ug/L	0.003	201	4	4	26	KED
	Cd	**114**	**0.001**	ug/L	0.003	527	2	3	104	KED
>	**In**	**115**		ug/L			1233845	1200399	3	Standard
	Ag	**107**	**0.003**	ug/L	0.000	13	36	86	11	Standard
	Ba	**135**	**0.002**	ug/L	0.001	74	67	79	11	Standard
	Ba	**137**	**-0.001**	ug/L	0.001	172	123	109	15	Standard
>	**Tb**	**159**		ug/L			2424116	2412470	0	Standard
	Pb	**208**	**0.002**	ug/L	0.000	12	593	788	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:12:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28595	1	Standard
	Cl	**37**		ug/L			6351901	6298546	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1356957	1	Standard
|	**Cr**	**52**	**-0.007**	ug/L	0.020	271	22922	22451	1	Standard
|	**Cr**	**53**	**-0.006**	ug/L	0.007	116	225	203	11	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	244	1193	1165	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	103505	0	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.003	46	39	28	17	KED
|	**Ni**	**62**	**0.000**	ug/L	0.013	10506	5	5	66	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.001	254	99	96	5	KED
|	**Cu**	**65**	**0.004**	ug/L	0.005	130	43	53	23	KED
|	**Zn**	**66**	**0.010**	ug/L	0.045	462	252	257	13	KED
|	**Zn**	**67**	**0.085**	ug/L	0.045	53	36	47	12	KED
|	**As**	**75**	**-0.000**	ug/L	0.004	1358	4	4	40	KED
⌊	**Se**	**78**	**0.028**	ug/L	0.113	404	18	19	28	KED
	Y	**89**		ug/L			663496	667062	1	Standard
	Kr	**83**		ug/L			309	299	4	Standard
⌈>	**In-1**	**115**		ug/L			27472	27403	0	KED
|	**Mo**	**98**	**0.000**	ug/L	0.003	8930	20	20	27	KED
|	**Cd**	**111**	**-0.005**	ug/L	0.003	66	4	2	57	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	369	2	2	90	KED
⌈>	**In**	**115**		ug/L			1233845	1217459	1	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	157	36	42	25	Standard
|	**Ba**	**135**	**0.000**	ug/L	0.001	3093	67	67	13	Standard
⌊	**Ba**	**137**	**-0.002**	ug/L	0.000	10	123	100	3	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2404634	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	29	593	726	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:19:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28988	1	Standard
	Cl	**37**		ug/L			6351901	6536966	2	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1349914	2	Standard
⎢	**Cr**	**52**	**54.029**	ug/L	1.015	1	22922	1432502	0	Standard
⎢	**Cr**	**53**	**48.801**	ug/L	0.940	1	225	168212	1	Standard
⎣	**Mn**	**55**	**48.746**	ug/L	0.930	1	1193	1882090	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	101846	0	KED
⎢	**Ni**	**60**	**49.178**	ug/L	1.090	2	39	87661	1	KED
⎢	**Ni**	**62**	**48.423**	ug/L	0.671	1	5	14056	0	KED
⎢	**Cu**	**63**	**49.276**	ug/L	0.617	1	99	250294	0	KED
⎢	**Cu**	**65**	**49.447**	ug/L	1.036	2	43	125070	1	KED
⎢	**Zn**	**66**	**48.744**	ug/L	1.125	2	252	38586	1	KED
⎢	**Zn**	**67**	**49.653**	ug/L	0.900	1	36	6376	1	KED
⎢	**As**	**75**	**48.396**	ug/L	0.777	1	4	19344	1	KED
⎣	**Se**	**78**	**48.845**	ug/L	0.709	1	18	2348	1	KED
	Y	**89**		ug/L			663496	672566	1	Standard
	Kr	**83**		ug/L			309	325	7	Standard
⎡>	**In-1**	**115**		ug/L			27472	27331	0	KED
⎢	**Mo**	**98**	**48.219**	ug/L	1.032	2	20	94840	1	KED
⎢	**Cd**	**111**	**48.420**	ug/L	1.001	2	4	21350	1	KED
⎣	**Cd**	**114**	**49.462**	ug/L	0.223	0	2	55204	0	KED
⎡>	**In**	**115**		ug/L			1233845	1214560	1	Standard
⎢	**Ag**	**107**	**48.332**	ug/L	0.569	1	36	831838	2	Standard
⎢	**Ba**	**135**	**47.601**	ug/L	0.665	1	67	383845	0	Standard
⎣	**Ba**	**137**	**48.061**	ug/L	0.785	1	123	688680	0	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2462411	0	Standard
⎣	**Pb**	**208**	**49.383**	ug/L	0.752	1	593	5220681	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:26:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28949	1	Standard
	Cl	**37**		ug/L			6351901	6407298	0	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1351766	1	Standard
⎢	**Cr**	**52**	**-0.012**	ug/L	0.012	97	22922	22249	0	Standard
⎢	**Cr**	**53**	**-0.002**	ug/L	0.003	166	225	216	5	Standard
⎣	**Mn**	**55**	**0.001**	ug/L	0.001	84	1193	1207	3	Standard
⎡>	**Ge**	**72**		ug/L			104285	102583	1	KED
⎢	**Ni**	**60**	**-0.004**	ug/L	0.005	149	39	32	31	KED
⎢	**Ni**	**62**	**0.000**	ug/L	0.013	5540	5	5	66	KED
⎢	**Cu**	**63**	**-0.001**	ug/L	0.003	477	99	93	18	KED
⎢	**Cu**	**65**	**0.005**	ug/L	0.005	93	43	56	21	KED
⎢	**Zn**	**66**	**-0.001**	ug/L	0.028	5040	252	247	9	KED
⎢	**Zn**	**67**	**0.020**	ug/L	0.065	325	36	38	20	KED
⎢	**As**	**75**	**0.009**	ug/L	0.004	41	4	7	18	KED
⎣	**Se**	**78**	**0.031**	ug/L	0.079	252	18	19	18	KED
	Y	**89**		ug/L			663496	660441	1	Standard
	Kr	**83**		ug/L			309	293	13	Standard
⎡>	**In-1**	**115**		ug/L			27472	27536	1	KED
⎢	**Mo**	**98**	**0.029**	ug/L	0.002	8	20	77	6	KED
⎢	**Cd**	**111**	**-0.004**	ug/L	0.000	2	4	2	0	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.003	166	2	4	62	KED
⎡>	**In**	**115**		ug/L			1233845	1203836	2	Standard
⎢	**Ag**	**107**	**0.003**	ug/L	0.001	29	36	86	17	Standard
⎢	**Ba**	**135**	**-0.002**	ug/L	0.001	47	67	50	15	Standard
⎣	**Ba**	**137**	**-0.000**	ug/L	0.001	215	123	116	7	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2412755	1	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.000	19	593	759	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:31:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	36942	2	Standard
	Cl	**37**		ug/L			6351901	6321230	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1345581	0	Standard
|	**Cr**	**52**	**0.556**	ug/L	0.019	3	22922	36928	1	Standard
|	**Cr**	**53**	**0.483**	ug/L	0.004	0	225	1877	0	Standard
⌊	**Mn**	**55**	**0.557**	ug/L	0.006	1	1193	22602	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	102293	2	KED
|	**Ni**	**60**	**0.476**	ug/L	0.009	1	39	891	4	KED
|	**Ni**	**62**	**0.477**	ug/L	0.058	12	5	144	13	KED
|	**Cu**	**63**	**0.494**	ug/L	0.007	1	99	2618	1	KED
|	**Cu**	**65**	**0.484**	ug/L	0.020	4	43	1270	1	KED
|	**Zn**	**66**	**5.815**	ug/L	0.145	2	252	4839	0	KED
|	**Zn**	**67**	**5.358**	ug/L	0.369	6	36	722	4	KED
|	**As**	**75**	**0.183**	ug/L	0.014	7	4	77	5	KED
⌊	**Se**	**78**	**0.445**	ug/L	0.072	16	18	39	7	KED
	Y	**89**		ug/L			663496	668452	0	Standard
	Kr	**83**		ug/L			309	273	7	Standard
⌈>	**In-1**	**115**		ug/L			27472	27872	1	KED
|	**Mo**	**98**	**0.177**	ug/L	0.014	8	20	376	5	KED
|	**Cd**	**111**	**0.094**	ug/L	0.015	15	4	46	14	KED
⌊	**Cd**	**114**	**0.111**	ug/L	0.011	9	2	130	10	KED
⌈>	**In**	**115**		ug/L			1233845	1203875	1	Standard
|	**Ag**	**107**	**0.200**	ug/L	0.008	4	36	3442	3	Standard
|	**Ba**	**135**	**0.471**	ug/L	0.023	4	67	3825	3	Standard
⌊	**Ba**	**137**	**0.463**	ug/L	0.013	2	123	6696	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2414510	0	Standard
⌊	**Pb**	**208**	**0.106**	ug/L	0.002	1	593	11572	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:37:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	166971	2	Standard
	Cl	**37**		ug/L			6351901	12693560	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1362319	1	Standard
|	**Cr**	**52**	**0.491**	ug/L	0.021	4	22922	35657	1	Standard
|	**Cr**	**53**	**8.159**	ug/L	0.099	1	225	28567	0	Standard
⌊	**Mn**	**55**	**0.075**	ug/L	0.003	3	1193	4114	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	97117	0	KED
|	**Ni**	**60**	**0.036**	ug/L	0.006	16	39	97	9	KED
|	**Ni**	**62**	**0.128**	ug/L	0.054	42	5	40	36	KED
|	**Cu**	**63**	**0.044**	ug/L	0.011	24	99	305	16	KED
|	**Cu**	**65**	**0.042**	ug/L	0.008	18	43	142	13	KED
|	**Zn**	**66**	**0.108**	ug/L	0.017	15	252	315	3	KED
|	**Zn**	**67**	**0.031**	ug/L	0.055	176	36	38	18	KED
|	**As**	**75**	**0.032**	ug/L	0.009	29	4	16	22	KED
⌊	**Se**	**78**	**0.072**	ug/L	0.111	152	18	20	24	KED
	Y	**89**		ug/L			663496	628151	2	Standard
	Kr	**83**		ug/L			309	379	6	Standard
⌈>	**In-1**	**115**		ug/L			27472	26399	0	KED
|	**Mo**	**98**	**386.500**	ug/L	9.833	2	20	734130	2	KED
|	**Cd**	**111**	**0.092**	ug/L	0.016	17	4	43	15	KED
⌊	**Cd**	**114**	**0.071**	ug/L	0.007	9	2	78	10	KED
⌈>	**In**	**115**		ug/L			1233845	1192033	0	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	18	36	120	12	Standard
|	**Ba**	**135**	**0.031**	ug/L	0.003	8	67	310	7	Standard
⌊	**Ba**	**137**	**0.029**	ug/L	0.003	10	123	530	7	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2500490	0	Standard
⌊	**Pb**	**208**	**0.015**	ug/L	0.000	1	593	2187	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:41:58
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	167975	1	Standard
	Cl	**37**		ug/L			6351901	12249237	1	Standard
>	**Sc**	**45**		ug/L			1373317	1338816	0	Standard
	Cr	**52**	**22.050**	ug/L	0.433	1	22922	593149	1	Standard
	Cr	**53**	**27.701**	ug/L	0.547	1	225	94803	1	Standard
	Mn	**55**	**22.386**	ug/L	0.184	0	1193	858009	0	Standard
>	**Ge**	**72**		ug/L			104285	95928	0	KED
	Ni	**60**	**19.644**	ug/L	0.121	0	39	33007	1	KED
	Ni	**62**	**19.878**	ug/L	0.486	2	5	5437	1	KED
	Cu	**63**	**19.391**	ug/L	0.279	1	99	92839	2	KED
	Cu	**65**	**19.328**	ug/L	0.153	0	43	46073	0	KED
	Zn	**66**	**20.652**	ug/L	0.312	1	252	15532	0	KED
	Zn	**67**	**19.963**	ug/L	0.701	3	36	2435	3	KED
	As	**75**	**20.846**	ug/L	0.215	1	4	7851	1	KED
	Se	**78**	**0.038**	ug/L	0.091	240	18	18	21	KED
	Y	**89**		ug/L			663496	611199	0	Standard
	Kr	**83**		ug/L			309	373	7	Standard
>	**In-1**	**115**		ug/L			27472	26373	0	KED
	Mo	**98**	**391.755**	ug/L	6.743	1	20	743354	0	KED
	Cd	**111**	**20.627**	ug/L	0.418	2	4	8779	1	KED
	Cd	**114**	**20.803**	ug/L	0.244	1	2	22406	1	KED
>	**In**	**115**		ug/L			1233845	1225475	2	Standard
	Ag	**107**	**19.006**	ug/L	0.889	4	36	329729	1	Standard
	Ba	**135**	**0.046**	ug/L	0.005	9	67	441	5	Standard
	Ba	**137**	**0.042**	ug/L	0.001	1	123	730	2	Standard
>	**Tb**	**159**		ug/L			2424116	2494609	1	Standard
	Pb	**208**	**0.019**	ug/L	0.001	4	593	2658	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:47:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	52873	1	Standard
	Cl	**37**		ug/L			6351901	6619884	1	Standard
>	**Sc**	**45**		ug/L			1373317	1318480	1	Standard
	Cr	**52**	**187.274**	ug/L	3.437	1	22922	4796158	2	Standard
	Cr	**53**	**193.944**	ug/L	1.515	0	225	652377	1	Standard
	Mn	**55**	**191.267**	ug/L	3.092	1	1193	7209616	0	Standard
>	**Ge**	**72**		ug/L			104285	94900	1	KED
	Ni	**60**	**191.282**	ug/L	1.586	0	39	317615	0	KED
	Ni	**62**	**190.493**	ug/L	5.832	3	5	51497	1	KED
	Cu	**63**	**191.272**	ug/L	3.118	1	99	904946	0	KED
	Cu	**65**	**190.658**	ug/L	2.336	1	43	449229	0	KED
	Zn	**66**	**187.918**	ug/L	1.286	0	252	137966	1	KED
	Zn	**67**	**184.933**	ug/L	3.491	1	36	22033	1	KED
	As	**75**	**192.289**	ug/L	1.728	0	4	71606	0	KED
	Se	**78**	**186.757**	ug/L	0.098	0	18	8318	1	KED
	Y	**89**		ug/L			663496	618954	0	Standard
	Kr	**83**		ug/L			309	387	7	Standard
>	**In-1**	**115**		ug/L			27472	25937	2	KED
	Mo	**98**	**197.320**	ug/L	6.423	3	20	368058	0	KED
	Cd	**111**	**194.132**	ug/L	6.268	3	4	81182	0	KED
	Cd	**114**	**194.236**	ug/L	5.273	2	2	205621	0	KED
>	**In**	**115**		ug/L			1233845	1177753	0	Standard
	Ag	**107**	**172.972**	ug/L	1.938	1	36	2886415	1	Standard
	Ba	**135**	**187.869**	ug/L	1.999	1	67	1468969	0	Standard
	Ba	**137**	**172.517**	ug/L	3.026	1	123	2397016	1	Standard
>	**Tb**	**159**		ug/L			2424116	2411823	0	Standard
	Pb	**208**	**193.455**	ug/L	0.250	0	593	20031034	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 16:51:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	47383	0	Standard
	Cl	**37**		ug/L			6351901	6504714	1	Standard
>	**Sc**	**45**		ug/L			1373317	1281620	1	Standard
	Cr	**52**	**279.829**	ug/L	1.470	0	22922	6955826	1	Standard
	Cr	**53**	**286.661**	ug/L	1.790	0	225	937190	1	Standard
	Mn	**55**	**284.204**	ug/L	2.595	0	1193	10414433	1	Standard
>	**Ge**	**72**		ug/L			104285	93537	1	KED
	Ni	**60**	**284.570**	ug/L	3.901	1	39	465693	0	KED
	Ni	**62**	**281.670**	ug/L	1.711	0	5	75069	0	KED
	Cu	**63**	**279.884**	ug/L	2.997	1	99	1305219	0	KED
	Cu	**65**	**277.328**	ug/L	1.544	0	43	644073	0	KED
	Zn	**66**	**269.063**	ug/L	1.066	0	252	194610	0	KED
	Zn	**67**	**265.040**	ug/L	3.639	1	36	31111	0	KED
	As	**75**	**285.086**	ug/L	3.268	1	4	104636	0	KED
	Se	**78**	**272.477**	ug/L	5.992	2	18	11952	0	KED
	Y	**89**		ug/L			663496	601101	2	Standard
	Kr	**83**		ug/L			309	448	4	Standard
>	**In-1**	**115**		ug/L			27472	24959	0	KED
	Mo	**98**	**303.112**	ug/L	3.112	1	20	544379	1	KED
	Cd	**111**	**282.684**	ug/L	1.510	0	4	113822	0	KED
	Cd	**114**	**284.221**	ug/L	5.383	1	2	289675	1	KED
>	**In**	**115**		ug/L			1233845	1101136	1	Standard
	Ag	**107**	**252.855**	ug/L	12.412	4	36	3943674	4	Standard
	Ba	**135**	**264.087**	ug/L	2.079	0	67	1930490	1	Standard
	Ba	**137**	**259.206**	ug/L	5.556	2	123	3366866	1	Standard
>	**Tb**	**159**		ug/L			2424116	2311234	0	Standard
	Pb	**208**	**280.900**	ug/L	1.118	0	593	27871965	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, July 19, 2021 17:01:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	45308	3	Standard
	Cl	37		ug/L			6351901	6513716	1	Standard
>	Sc	45		ug/L			1373317	1261254	0	Standard
	Cr	52	278.992	ug/L	6.648	2	22922	6825006	2	Standard
	Cr	53	286.241	ug/L	2.932	1	225	921012	1	Standard
	Mn	55	281.971	ug/L	3.311	1	1193	10168604	1	Standard
>	Ge	72		ug/L			104285	92986	2	KED
	Ni	60	283.953	ug/L	2.675	0	39	461955	1	KED
	Ni	62	282.106	ug/L	5.850	2	5	74731	1	KED
	Cu	63	275.796	ug/L	4.098	1	99	1278487	1	KED
	Cu	65	276.105	ug/L	4.608	1	43	637341	0	KED
	Zn	66	266.308	ug/L	2.500	0	252	191469	1	KED
	Zn	67	268.535	ug/L	3.098	1	36	31335	1	KED
	As	75	280.699	ug/L	4.020	1	4	102423	2	KED
	Se	78	271.249	ug/L	2.888	1	18	11829	1	KED
	Y	89		ug/L			663496	620309	1	Standard
	Kr	83		ug/L			309	506	6	Standard
>	In-1	115		ug/L			27472	25380	1	KED
	Mo	98	292.791	ug/L	4.536	1	20	534640	0	KED
	Cd	111	274.269	ug/L	5.641	2	4	112275	0	KED
	Cd	114	277.878	ug/L	5.843	2	2	287945	1	KED
>	In	115		ug/L			1233845	1099410	3	Standard
	Ag	107	256.502	ug/L	10.523	4	36	3992712	2	Standard
	Ba	135	265.874	ug/L	7.915	2	67	1939454	1	Standard
	Ba	137	261.604	ug/L	8.329	3	123	3390846	0	Standard
>	Tb	159		ug/L			2424116	2346449	0	Standard
	Pb	208	273.905	ug/L	2.608	0	593	27592288	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:08:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	36793	1	Standard
	Cl	**37**		ug/L			6351901	6533315	2	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1334476	1	Standard
⎢	**Cr**	**52**	**0.001**	ug/L	0.025	2228	22922	22295	1	Standard
⎢	**Cr**	**53**	**0.088**	ug/L	0.008	9	225	518	4	Standard
⎣	**Mn**	**55**	**0.011**	ug/L	0.001	5	1193	1590	0	Standard
⎡>	**Ge**	**72**		ug/L			104285	101007	2	KED
⎢	**Ni**	**60**	**0.004**	ug/L	0.005	117	39	45	15	KED
⎢	**Ni**	**62**	**0.007**	ug/L	0.013	179	5	7	50	KED
⎢	**Cu**	**63**	**0.013**	ug/L	0.004	28	99	162	9	KED
⎢	**Cu**	**65**	**0.012**	ug/L	0.006	45	43	73	21	KED
⎢	**Zn**	**66**	**0.280**	ug/L	0.036	12	252	462	3	KED
⎢	**Zn**	**67**	**0.275**	ug/L	0.071	25	36	70	11	KED
⎢	**As**	**75**	**0.060**	ug/L	0.004	6	4	28	3	KED
⎣	**Se**	**78**	**0.115**	ug/L	0.062	53	18	23	9	KED
	Y	**89**		ug/L			663496	659764	0	Standard
	Kr	**83**		ug/L			309	320	9	Standard
⎡>	**In-1**	**115**		ug/L			27472	26490	2	KED
⎢	**Mo**	**98**	**0.095**	ug/L	0.016	16	20	200	12	KED
⎢	**Cd**	**111**	**0.003**	ug/L	0.012	455	4	5	92	KED
⎣	**Cd**	**114**	**0.010**	ug/L	0.006	63	2	13	49	KED
⎡>	**In**	**115**		ug/L			1233845	1149531	1	Standard
⎢	**Ag**	**107**	**0.013**	ug/L	0.002	16	36	246	13	Standard
⎢	**Ba**	**135**	**0.009**	ug/L	0.004	43	67	129	20	Standard
⎣	**Ba**	**137**	**0.008**	ug/L	0.002	20	123	225	8	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2427411	0	Standard
⎣	**Pb**	**208**	**0.008**	ug/L	0.000	3	593	1422	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:14:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	36793	3	Standard
	Cl	**37**		ug/L			6351901	6402988	3	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1241994	13	Standard
|	**Cr**	**52**	**0.063**	ug/L	0.100	159	22922	22017	4	Standard
|	**Cr**	**53**	**0.063**	ug/L	0.021	33	225	397	3	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.005	56	1193	1367	2	Standard
⌈>	**Ge**	**72**		ug/L			104285	100646	1	KED
|	**Ni**	**60**	**0.004**	ug/L	0.002	52	39	44	8	KED
|	**Ni**	**62**	**0.025**	ug/L	0.016	64	5	12	37	KED
|	**Cu**	**63**	**0.009**	ug/L	0.002	22	99	139	6	KED
|	**Cu**	**65**	**0.009**	ug/L	0.013	144	43	64	50	KED
|	**Zn**	**66**	**0.275**	ug/L	0.053	19	252	457	10	KED
|	**Zn**	**67**	**0.095**	ug/L	0.057	59	36	47	16	KED
|	**As**	**75**	**0.027**	ug/L	0.004	14	4	14	12	KED
⌊	**Se**	**78**	**0.070**	ug/L	0.015	21	18	21	4	KED
	Y	**89**		ug/L			663496	615886	12	Standard
	Kr	**83**		ug/L			309	307	7	Standard
⌈>	**In-1**	**115**		ug/L			27472	26739	2	KED
|	**Mo**	**98**	**0.029**	ug/L	0.003	11	20	74	6	KED
|	**Cd**	**111**	**0.006**	ug/L	0.005	88	4	6	28	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.001	12	2	10	10	KED
⌈>	**In**	**115**		ug/L			1233845	1061864	12	Standard
|	**Ag**	**107**	**0.006**	ug/L	0.001	18	36	115	16	Standard
|	**Ba**	**135**	**0.006**	ug/L	0.002	37	67	100	26	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.001	20	123	176	7	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2222424	10	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.001	20	593	1116	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:20:47
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	30349	0	Standard
	Cl	**37**		ug/L			6351901	6629189	2	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1341796	1	Standard
⎢	**Cr**	**52**	**54.347**	ug/L	0.673	1	22922	1432319	0	Standard
⎢	**Cr**	**53**	**49.337**	ug/L	0.178	0	225	169067	1	Standard
⎣	**Mn**	**55**	**49.836**	ug/L	0.167	0	1193	1912970	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	101133	1	KED
⎢	**Ni**	**60**	**48.310**	ug/L	0.613	1	39	85523	2	KED
⎢	**Ni**	**62**	**48.016**	ug/L	0.273	0	5	13840	0	KED
⎢	**Cu**	**63**	**48.856**	ug/L	0.362	0	99	246432	1	KED
⎢	**Cu**	**65**	**48.422**	ug/L	0.452	0	43	121620	0	KED
⎢	**Zn**	**66**	**48.553**	ug/L	1.053	2	252	38165	1	KED
⎢	**Zn**	**67**	**48.469**	ug/L	1.530	3	36	6181	3	KED
⎢	**As**	**75**	**48.035**	ug/L	0.165	0	4	19067	1	KED
⎣	**Se**	**78**	**47.800**	ug/L	1.615	3	18	2281	2	KED
	Y	**89**		ug/L			663496	659623	1	Standard
	Kr	**83**		ug/L			309	296	5	Standard
⎡>	**In-1**	**115**		ug/L			27472	26671	1	KED
⎢	**Mo**	**98**	**48.975**	ug/L	0.317	0	20	94003	0	KED
⎢	**Cd**	**111**	**49.462**	ug/L	1.157	2	4	21281	1	KED
⎣	**Cd**	**114**	**49.247**	ug/L	0.441	0	2	53638	1	KED
⎡>	**In**	**115**		ug/L			1233845	1141011	0	Standard
⎢	**Ag**	**107**	**50.042**	ug/L	0.553	1	36	808994	0	Standard
⎢	**Ba**	**135**	**49.300**	ug/L	0.150	0	67	373522	0	Standard
⎣	**Ba**	**137**	**49.741**	ug/L	0.995	2	123	669650	1	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2428927	0	Standard
⎣	**Pb**	**208**	**49.776**	ug/L	0.136	0	593	5190938	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:27:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	29551	2	Standard
	Cl	**37**		ug/L			6351901	6596225	1	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1349524	1	Standard
⎢	**Cr**	**52**	**-0.035**	ug/L	0.024	68	22922	21615	1	Standard
⎢	**Cr**	**53**	**0.022**	ug/L	0.006	27	225	297	5	Standard
⎣	**Mn**	**55**	**0.003**	ug/L	0.001	36	1193	1290	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	100263	0	KED
⎢	**Ni**	**60**	**-0.002**	ug/L	0.004	259	39	34	22	KED
⎢	**Ni**	**62**	**0.019**	ug/L	0.010	56	5	10	26	KED
⎢	**Cu**	**63**	**0.006**	ug/L	0.002	26	99	123	5	KED
⎢	**Cu**	**65**	**0.003**	ug/L	0.003	94	43	50	15	KED
⎢	**Zn**	**66**	**0.012**	ug/L	0.025	216	252	251	7	KED
⎢	**Zn**	**67**	**0.006**	ug/L	0.017	265	36	36	5	KED
⎢	**As**	**75**	**0.017**	ug/L	0.002	11	4	10	7	KED
⎣	**Se**	**78**	**0.027**	ug/L	0.087	326	18	19	21	KED
	Y	**89**		ug/L			663496	647920	1	Standard
	Kr	**83**		ug/L			309	305	7	Standard
⎡>	**In-1**	**115**		ug/L			27472	26465	0	KED
⎢	**Mo**	**98**	**0.028**	ug/L	0.004	13	20	72	9	KED
⎢	**Cd**	**111**	**-0.001**	ug/L	0.005	426	4	4	48	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.001	49	2	4	19	KED
⎡>	**In**	**115**		ug/L			1233845	1197841	3	Standard
⎢	**Ag**	**107**	**0.003**	ug/L	0.001	39	36	92	26	Standard
⎢	**Ba**	**135**	**0.001**	ug/L	0.001	67	67	77	7	Standard
⎣	**Ba**	**137**	**0.000**	ug/L	0.001	169	123	126	10	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2385183	0	Standard
⎣	**Pb**	**208**	**0.005**	ug/L	0.000	4	593	1059	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:34:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	44914	1	Standard
	Cl	37		ug/L			6351901	6473806	0	Standard
>	Sc	45		ug/L			1373317	1369293	0	Standard
	Cr	52	0.218	ug/L	0.022	10	22922	28634	1	Standard
	Cr	53	0.209	ug/L	0.005	2	225	955	0	Standard
	Mn	55	0.271	ug/L	0.000	0	1193	11796	0	Standard
>	Ge	72		ug/L			104285	101612	1	KED
	Ni	60	0.004	ug/L	0.004	93	39	46	17	KED
	Ni	62	0.016	ug/L	0.003	21	5	10	10	KED
	Cu	63	0.009	ug/L	0.006	68	99	140	22	KED
	Cu	65	0.011	ug/L	0.003	24	43	71	10	KED
	Zn	66	0.605	ug/L	0.026	4	252	720	1	KED
	Zn	67	0.561	ug/L	0.176	31	36	107	20	KED
	As	75	0.009	ug/L	0.006	64	4	7	28	KED
	Se	78	0.035	ug/L	0.020	59	18	19	5	KED
	Y	89		ug/L			663496	658206	0	Standard
	Kr	83		ug/L			309	309	2	Standard
>	In-1	115		ug/L			27472	27076	0	KED
	Mo	98	0.035	ug/L	0.003	9	20	87	6	KED
	Cd	111	-0.003	ug/L	0.005	128	4	3	62	KED
	Cd	114	-0.002	ug/L	0.002	108	2	1	142	KED
>	In	115		ug/L			1233845	1213987	1	Standard
	Ag	107	0.002	ug/L	0.001	52	36	67	26	Standard
	Ba	135	0.003	ug/L	0.001	39	67	88	8	Standard
	Ba	137	0.000	ug/L	0.001	450	123	124	9	Standard
>	Tb	159		ug/L			2424116	2424432	1	Standard
	Pb	208	0.003	ug/L	0.000	8	593	931	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:38:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	55260	2	Standard
	Cl	37		ug/L			6351901	6590518	0	Standard
>	Sc	45		ug/L			1373317	1351692	1	Standard
	Cr	52	27.229	ug/L	0.430	1	22922	734202	1	Standard
	Cr	53	24.428	ug/L	0.162	0	225	84437	0	Standard
	Mn	55	28.541	ug/L	0.284	0	1193	1104080	0	Standard
>	Ge	72		ug/L			104285	101599	0	KED
	Ni	60	24.452	ug/L	0.705	2	39	43502	2	KED
	Ni	62	24.492	ug/L	1.033	4	5	7095	3	KED
	Cu	63	24.859	ug/L	0.149	0	99	126022	0	KED
	Cu	65	24.830	ug/L	0.464	1	43	62674	1	KED
	Zn	66	75.209	ug/L	0.840	1	252	59263	0	KED
	Zn	67	72.775	ug/L	0.115	0	36	9305	0	KED
	As	75	24.052	ug/L	0.340	1	4	9593	1	KED
	Se	78	73.940	ug/L	1.572	2	18	3536	1	KED
	Y	89		ug/L			663496	656709	0	Standard
	Kr	83		ug/L			309	299	5	Standard
>	In-1	115		ug/L			27472	26556	0	KED
	Mo	98	24.977	ug/L	0.288	1	20	47743	0	KED
	Cd	111	24.978	ug/L	0.297	1	4	10704	1	KED
	Cd	114	24.819	ug/L	0.475	1	2	26915	1	KED
>	In	115		ug/L			1233845	1182557	0	Standard
	Ag	107	25.036	ug/L	0.563	2	36	419449	1	Standard
	Ba	135	24.125	ug/L	0.542	2	67	189448	1	Standard
	Ba	137	24.265	ug/L	0.632	2	123	338604	1	Standard
>	Tb	159		ug/L			2424116	2417550	0	Standard
	Pb	208	25.486	ug/L	0.115	0	593	2645668	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:42:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	44378	2	Standard
	Cl	37		ug/L			6351901	6458727	1	Standard
>	Sc	45		ug/L			1373317	1331695	0	Standard
	Cr	52	0.130	ug/L	0.009	7	22922	25566	0	Standard
	Cr	53	0.118	ug/L	0.002	1	225	619	2	Standard
	Mn	55	0.076	ug/L	0.002	2	1193	4049	2	Standard
>	Ge	72		ug/L			104285	101704	1	KED
	Ni	60	0.005	ug/L	0.004	71	39	47	14	KED
	Ni	62	0.031	ug/L	0.027	86	5	14	52	KED
	Cu	63	0.195	ug/L	0.013	6	99	1086	7	KED
	Cu	65	0.197	ug/L	0.014	6	43	540	6	KED
	Zn	66	-0.011	ug/L	0.013	115	252	236	3	KED
	Zn	67	0.022	ug/L	0.102	474	36	38	34	KED
	As	75	0.005	ug/L	0.005	90	4	6	30	KED
	Se	78	0.055	ug/L	0.114	204	18	20	25	KED
	Y	89		ug/L			663496	654094	1	Standard
	Kr	83		ug/L			309	331	11	Standard
>	In-1	115		ug/L			27472	26707	1	KED
	Mo	98	0.028	ug/L	0.001	1	20	73	0	KED
	Cd	111	0.003	ug/L	0.002	91	4	5	16	KED
	Cd	114	-0.000	ug/L	0.002	1071	2	2	84	KED
>	In	115		ug/L			1233845	1182847	1	Standard
	Ag	107	0.002	ug/L	0.000	7	36	60	1	Standard
	Ba	135	0.005	ug/L	0.001	18	67	104	8	Standard
	Ba	137	0.003	ug/L	0.000	16	123	155	4	Standard
>	Tb	159		ug/L			2424116	2392464	0	Standard
	Pb	208	0.003	ug/L	0.000	1	593	911	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:47:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	53050	3	Standard
	Cl	37		ug/L			6351901	6681173	1	Standard
>	Sc	45		ug/L			1373317	1351971	0	Standard
	Cr	52	26.371	ug/L	0.352	1	22922	711954	1	Standard
	Cr	53	23.608	ug/L	0.236	1	225	81629	1	Standard
	Mn	55	27.976	ug/L	0.265	0	1193	1082528	1	Standard
>	Ge	72		ug/L			104285	102286	0	KED
	Ni	60	23.823	ug/L	0.280	1	39	42671	0	KED
	Ni	62	23.605	ug/L	0.695	2	5	6884	2	KED
	Cu	63	23.750	ug/L	0.152	0	99	121218	0	KED
	Cu	65	23.677	ug/L	0.169	0	43	60173	0	KED
	Zn	66	72.756	ug/L	0.521	0	252	57729	1	KED
	Zn	67	70.224	ug/L	0.478	0	36	9041	0	KED
	As	75	23.311	ug/L	0.102	0	4	9360	0	KED
	Se	78	70.544	ug/L	0.243	0	18	3398	0	KED
	Y	89		ug/L			663496	662458	1	Standard
	Kr	83		ug/L			309	325	10	Standard
>	In-1	115		ug/L			27472	26909	1	KED
	Mo	98	0.033	ug/L	0.010	29	20	83	21	KED
	Cd	111	24.083	ug/L	1.042	4	4	10453	2	KED
	Cd	114	23.694	ug/L	0.586	2	2	26031	1	KED
>	In	115		ug/L			1233845	1170117	0	Standard
	Ag	107	24.114	ug/L	0.448	1	36	399798	1	Standard
	Ba	135	23.766	ug/L	0.532	2	67	184684	2	Standard
	Ba	137	23.886	ug/L	0.272	1	123	329838	0	Standard
>	Tb	159		ug/L			2424116	2469230	0	Standard
	Pb	208	24.486	ug/L	0.317	1	593	2596317	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0179-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 17:53:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	58628	1	Standard
	Cl	37		ug/L			6351901	15966499	2	Standard
>	Sc	45		ug/L			1373317	1325877	1	Standard
	Cr	52	192.812	ug/L	3.301	1	22922	4964588	1	Standard
	Cr	53	212.471	ug/L	1.780	0	225	718661	1	Standard
	Mn	55	19.751	ug/L	0.234	1	1193	749744	1	Standard
>	Ge	72		ug/L			104285	92888	2	KED
	Ni	60	12.065	ug/L	0.313	2	39	19638	1	KED
	Ni	62	12.291	ug/L	0.332	2	5	3256	1	KED
	Cu	63	40.699	ug/L	0.620	1	99	188534	0	KED
	Cu	65	40.577	ug/L	0.587	1	43	93605	0	KED
	Zn	66	28.679	ug/L	0.468	1	252	20796	0	KED
	Zn	67	26.849	ug/L	0.671	2	36	3159	2	KED
	As	75	0.647	ug/L	0.042	6	4	239	4	KED
	Se	78	0.150	ug/L	0.025	16	18	23	3	KED
	Y	89		ug/L			663496	625646	1	Standard
	Kr	83		ug/L			309	596	8	Standard
>	In-1	115		ug/L			27472	24201	1	KED
	Mo	98	1.100	ug/L	0.017	1	20	1933	2	KED
	Cd	111	0.682	ug/L	0.016	2	4	270	2	KED
	Cd	114	0.720	ug/L	0.023	3	2	714	3	KED
>	In	115		ug/L			1233845	997574	1	Standard
	Ag	107	0.026	ug/L	0.001	3	36	392	2	Standard
	Ba	135	4.525	ug/L	0.059	1	67	30018	1	Standard
	Ba	137	4.588	ug/L	0.070	1	123	54089	0	Standard
>	Tb	159		ug/L			2424116	2233667	1	Standard
	Pb	208	0.317	ug/L	0.004	1	593	30981	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0130-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:01:05
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	56047	0	Standard
	Cl	37		ug/L			6351901	6131722	0	Standard
>	Sc	45		ug/L			1373317	1221209	6	Standard
	Cr	52	20.746	ug/L	1.380	6	22922	508936	0	Standard
	Cr	53	19.454	ug/L	1.229	6	225	60640	1	Standard
	Mn	55	4.524	ug/L	0.328	7	1193	158549	1	Standard
>	Ge	72		ug/L			104285	89874	1	KED
	Ni	60	1.381	ug/L	0.014	1	39	2205	1	KED
	Ni	62	1.461	ug/L	0.188	12	5	379	13	KED
	Cu	63	4.502	ug/L	0.067	1	99	20254	1	KED
	Cu	65	4.522	ug/L	0.028	0	43	10128	1	KED
	Zn	66	2.286	ug/L	0.087	3	252	1803	3	KED
	Zn	67	2.570	ug/L	0.359	13	36	321	12	KED
	As	75	0.101	ug/L	0.015	14	4	39	14	KED
	Se	78	0.172	ug/L	0.101	58	18	23	16	KED
	Y	89		ug/L			663496	553629	6	Standard
	Kr	83		ug/L			309	314	12	Standard
>	In-1	115		ug/L			27472	24977	1	KED
	Mo	98	7.113	ug/L	0.130	1	20	12801	2	KED
	Cd	111	0.003	ug/L	0.008	237	4	5	57	KED
	Cd	114	0.002	ug/L	0.003	154	2	4	68	KED
>	In	115		ug/L			1233845	1055644	5	Standard
	Ag	107	0.002	ug/L	0.001	40	36	59	15	Standard
	Ba	135	0.722	ug/L	0.043	5	67	5110	1	Standard
	Ba	137	0.736	ug/L	0.032	4	123	9255	1	Standard
>	Tb	159		ug/L			2424116	2239725	6	Standard
	Pb	208	0.064	ug/L	0.004	6	593	6670	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0130-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:06:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	55988	2	Standard
	Cl	**37**		ug/L			6351901	6219596	1	Standard
>	**Sc**	**45**		ug/L			1373317	1321699	0	Standard
	Cr	**52**	**50.404**	ug/L	0.727	1	22922	1310185	0	Standard
	Cr	**53**	**45.406**	ug/L	0.841	1	225	153274	1	Standard
	Mn	**55**	**4.460**	ug/L	0.029	0	1193	169658	0	Standard
>	**Ge**	**72**		ug/L			104285	90148	0	KED
	Ni	**60**	**1.216**	ug/L	0.038	3	39	1951	2	KED
	Ni	**62**	**1.237**	ug/L	0.137	11	5	322	10	KED
	Cu	**63**	**4.562**	ug/L	0.041	0	99	20591	1	KED
	Cu	**65**	**4.603**	ug/L	0.035	0	43	10340	0	KED
	Zn	**66**	**2.122**	ug/L	0.083	3	252	1695	2	KED
	Zn	**67**	**2.090**	ug/L	0.187	8	36	267	7	KED
	As	**75**	**0.081**	ug/L	0.005	6	4	32	5	KED
	Se	**78**	**0.115**	ug/L	0.069	60	18	21	13	KED
	Y	**89**		ug/L			663496	591125	2	Standard
	Kr	**83**		ug/L			309	311	4	Standard
>	**In-1**	**115**		ug/L			27472	24503	0	KED
	Mo	**98**	**7.370**	ug/L	0.180	2	20	13012	2	KED
	Cd	**111**	**0.005**	ug/L	0.001	32	4	6	9	KED
	Cd	**114**	**0.011**	ug/L	0.010	87	2	13	71	KED
>	**In**	**115**		ug/L			1233845	1160201	0	Standard
	Ag	**107**	**0.001**	ug/L	0.001	169	36	46	45	Standard
	Ba	**135**	**0.629**	ug/L	0.015	2	67	4908	2	Standard
	Ba	**137**	**0.625**	ug/L	0.010	1	123	8667	1	Standard
>	**Tb**	**159**		ug/L			2424116	2429304	0	Standard
	Pb	**208**	**0.007**	ug/L	0.000	4	593	1347	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0130-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:12:30
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	55893	0	Standard
	Cl	37		ug/L			6351901	6088570	1	Standard
>	Sc	45		ug/L			1373317	1288099	0	Standard
	Cr	52	47.259	ug/L	0.231	0	22922	1198616	0	Standard
	Cr	53	42.783	ug/L	0.469	1	225	140771	1	Standard
	Mn	55	3.803	ug/L	0.044	1	1193	141162	1	Standard
>	Ge	72		ug/L			104285	88978	0	KED
	Ni	60	1.090	ug/L	0.043	3	39	1730	4	KED
	Ni	62	1.133	ug/L	0.140	12	5	292	11	KED
	Cu	63	4.610	ug/L	0.104	2	99	20531	1	KED
	Cu	65	4.570	ug/L	0.065	1	43	10133	1	KED
	Zn	66	1.914	ug/L	0.026	1	252	1530	1	KED
	Zn	67	1.766	ug/L	0.325	18	36	228	16	KED
	As	75	0.146	ug/L	0.019	12	4	54	12	KED
	Se	78	0.140	ug/L	0.112	79	18	21	20	KED
	Y	89		ug/L			663496	588840	0	Standard
	Kr	83		ug/L			309	289	5	Standard
>	In-1	115		ug/L			27472	24458	1	KED
	Mo	98	6.839	ug/L	0.219	3	20	12049	1	KED
	Cd	111	0.002	ug/L	0.006	283	4	5	47	KED
	Cd	114	0.007	ug/L	0.005	67	2	9	48	KED
>	In	115		ug/L			1233845	1157533	0	Standard
	Ag	107	0.001	ug/L	0.000	54	36	48	16	Standard
	Ba	135	0.637	ug/L	0.012	1	67	4955	1	Standard
	Ba	137	0.623	ug/L	0.013	2	123	8619	1	Standard
>	Tb	159		ug/L			2424116	2393704	0	Standard
	Pb	208	0.009	ug/L	0.000	4	593	1503	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0130-08
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:19:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	56054	2	Standard
	Cl	37		ug/L			6351901	6084326	0	Standard
>	Sc	45		ug/L			1373317	1295833	1	Standard
	Cr	52	28.302	ug/L	0.293	1	22922	730778	1	Standard
	Cr	53	25.806	ug/L	0.351	1	225	85495	0	Standard
	Mn	55	4.694	ug/L	0.044	0	1193	175033	1	Standard
>	Ge	72		ug/L			104285	87688	1	KED
	Ni	60	1.133	ug/L	0.073	6	39	1771	6	KED
	Ni	62	1.211	ug/L	0.115	9	5	307	8	KED
	Cu	63	4.765	ug/L	0.053	1	99	20915	0	KED
	Cu	65	4.754	ug/L	0.043	0	43	10386	1	KED
	Zn	66	2.397	ug/L	0.041	1	252	1835	0	KED
	Zn	67	2.149	ug/L	0.116	5	36	267	5	KED
	As	75	0.079	ug/L	0.012	15	4	30	14	KED
	Se	78	0.247	ug/L	0.053	21	18	25	7	KED
	Y	89		ug/L			663496	588072	0	Standard
	Kr	83		ug/L			309	292	7	Standard
>	In-1	115		ug/L			27472	24562	0	KED
	Mo	98	6.467	ug/L	0.055	0	20	11447	0	KED
	Cd	111	0.004	ug/L	0.001	30	4	6	9	KED
	Cd	114	0.009	ug/L	0.001	14	2	11	11	KED
>	In	115		ug/L			1233845	1143351	0	Standard
	Ag	107	0.001	ug/L	0.000	53	36	42	11	Standard
	Ba	135	0.667	ug/L	0.027	4	67	5125	3	Standard
	Ba	137	0.667	ug/L	0.005	0	123	9106	0	Standard
>	Tb	159		ug/L			2424116	2396890	1	Standard
	Pb	208	0.010	ug/L	0.001	5	593	1633	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:27:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	33873	0	Standard
	Cl	**37**		ug/L			6351901	6359967	2	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1271942	9	Standard
⎢	**Cr**	**52**	**0.176**	ug/L	0.090	50	22922	25425	2	Standard
⎢	**Cr**	**53**	**0.083**	ug/L	0.025	29	225	473	6	Standard
⎣	**Mn**	**55**	**0.008**	ug/L	0.005	60	1193	1375	3	Standard
⎡>	**Ge**	**72**		ug/L			104285	99520	1	KED
⎢	**Ni**	**60**	**-0.005**	ug/L	0.007	131	39	28	40	KED
⎢	**Ni**	**62**	**0.005**	ug/L	0.020	381	5	6	83	KED
⎢	**Cu**	**63**	**0.005**	ug/L	0.002	43	99	120	8	KED
⎢	**Cu**	**65**	**-0.001**	ug/L	0.001	115	43	38	10	KED
⎢	**Zn**	**66**	**0.111**	ug/L	0.018	15	252	325	4	KED
⎢	**Zn**	**67**	**0.115**	ug/L	0.066	56	36	49	16	KED
⎢	**As**	**75**	**0.003**	ug/L	0.005	154	4	5	32	KED
⎣	**Se**	**78**	**0.038**	ug/L	0.081	211	18	19	17	KED
	Y	**89**		ug/L			663496	602094	9	Standard
	Kr	**83**		ug/L			309	294	16	Standard
⎡>	**In-1**	**115**		ug/L			27472	26511	0	KED
⎢	**Mo**	**98**	**-0.004**	ug/L	0.003	74	20	13	39	KED
⎢	**Cd**	**111**	**-0.000**	ug/L	0.001	394	4	4	12	KED
⎣	**Cd**	**114**	**0.005**	ug/L	0.004	82	2	7	52	KED
⎡>	**In**	**115**		ug/L			1233845	1142334	10	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	64	36	53	14	Standard
⎢	**Ba**	**135**	**0.005**	ug/L	0.003	55	67	100	10	Standard
⎣	**Ba**	**137**	**0.002**	ug/L	0.001	37	123	147	10	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2296532	9	Standard
⎣	**Pb**	**208**	**0.005**	ug/L	0.001	11	593	1064	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:31:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	30282	1	Standard
	Cl	**37**		ug/L			6351901	6344361	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1305926	0	Standard
|	**Cr**	**52**	**54.825**	ug/L	1.053	1	22922	1406214	1	Standard
|	**Cr**	**53**	**49.874**	ug/L	0.094	0	225	166338	0	Standard
⌊	**Mn**	**55**	**50.486**	ug/L	0.488	0	1193	1886063	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	99277	0	KED
|	**Ni**	**60**	**47.903**	ug/L	0.799	1	39	83240	1	KED
|	**Ni**	**62**	**48.735**	ug/L	0.864	1	5	13791	2	KED
|	**Cu**	**63**	**48.926**	ug/L	0.470	0	99	242268	1	KED
|	**Cu**	**65**	**47.867**	ug/L	1.007	2	43	118022	1	KED
|	**Zn**	**66**	**47.950**	ug/L	0.718	1	252	37006	0	KED
|	**Zn**	**67**	**48.654**	ug/L	0.512	1	36	6090	0	KED
|	**As**	**75**	**48.000**	ug/L	0.440	0	4	18703	0	KED
⌊	**Se**	**78**	**48.283**	ug/L	0.819	1	18	2262	1	KED
	Y	**89**		ug/L			663496	638576	0	Standard
	Kr	**83**		ug/L			309	311	9	Standard
⌈>	**In-1**	**115**		ug/L			27472	26387	0	KED
|	**Mo**	**98**	**48.376**	ug/L	0.805	1	20	91863	1	KED
|	**Cd**	**111**	**48.977**	ug/L	0.412	0	4	20852	0	KED
⌊	**Cd**	**114**	**49.664**	ug/L	0.829	1	2	53516	1	KED
⌈>	**In**	**115**		ug/L			1233845	1196015	1	Standard
|	**Ag**	**107**	**48.560**	ug/L	0.633	1	36	822879	1	Standard
|	**Ba**	**135**	**48.447**	ug/L	0.503	1	67	384719	0	Standard
⌊	**Ba**	**137**	**48.301**	ug/L	1.144	2	123	681538	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2463904	1	Standard
⌊	**Pb**	**208**	**49.809**	ug/L	0.734	1	593	5268436	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 18:39:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	29694	1	Standard
	Cl	**37**		ug/L			6351901	6235742	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1292579	1	Standard
|	**Cr**	**52**	**-0.018**	ug/L	0.009	47	22922	21111	1	Standard
|	**Cr**	**53**	**0.045**	ug/L	0.009	19	225	360	9	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	244	1193	1144	3	Standard
⌈>	**Ge**	**72**		ug/L			104285	99899	1	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.006	97	39	27	38	KED
|	**Ni**	**62**	**0.007**	ug/L	0.013	175	5	7	50	KED
|	**Cu**	**63**	**0.004**	ug/L	0.001	16	99	112	1	KED
|	**Cu**	**65**	**0.005**	ug/L	0.001	28	43	53	7	KED
|	**Zn**	**66**	**0.018**	ug/L	0.041	220	252	255	13	KED
|	**Zn**	**67**	**0.022**	ug/L	0.097	439	36	38	32	KED
|	**As**	**75**	**0.007**	ug/L	0.006	79	4	6	33	KED
⌊	**Se**	**78**	**0.041**	ug/L	0.076	183	18	19	18	KED
	Y	**89**		ug/L			663496	641607	3	Standard
	Kr	**83**		ug/L			309	276	7	Standard
⌈>	**In-1**	**115**		ug/L			27472	27200	3	KED
|	**Mo**	**98**	**0.019**	ug/L	0.006	32	20	57	23	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.003	85	4	3	45	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.003	645	2	3	95	KED
⌈>	**In**	**115**		ug/L			1233845	1178781	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	21	36	74	11	Standard
|	**Ba**	**135**	**0.003**	ug/L	0.002	71	67	84	14	Standard
⌊	**Ba**	**137**	**0.000**	ug/L	0.002	613	123	122	21	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2390124	0	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.001	9	593	1135	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 18:46:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	39565	2	Standard
	Cl	37		ug/L			6351901	6282269	1	Standard
⌈>	Sc	45		ug/L			1373317	1316231	0	Standard
|	Cr	52	0.029	ug/L	0.006	21	22922	22701	1	Standard
|	Cr	53	0.052	ug/L	0.004	7	225	389	2	Standard
⌊	Mn	55	0.034	ug/L	0.002	4	1193	2424	2	Standard
⌈>	Ge	72		ug/L			104285	99026	0	KED
|	Ni	60	0.013	ug/L	0.012	91	39	60	34	KED
|	Ni	62	0.028	ug/L	0.018	63	5	13	37	KED
|	Cu	63	0.031	ug/L	0.008	26	99	245	16	KED
|	Cu	65	0.028	ug/L	0.005	18	43	109	11	KED
|	Zn	66	0.323	ug/L	0.063	19	252	486	9	KED
|	Zn	67	0.342	ug/L	0.056	16	36	77	9	KED
|	As	75	0.005	ug/L	0.005	118	4	5	36	KED
⌊	Se	78	0.020	ug/L	0.059	290	18	18	14	KED
	Y	89		ug/L			663496	651333	0	Standard
	Kr	83		ug/L			309	288	2	Standard
⌈>	In-1	115		ug/L			27472	27536	1	KED
|	Mo	98	0.003	ug/L	0.003	102	20	26	19	KED
|	Cd	111	-0.001	ug/L	0.003	412	4	4	32	KED
⌊	Cd	114	-0.000	ug/L	0.001	242	2	2	46	KED
⌈>	In	115		ug/L			1233845	1194552	0	Standard
|	Ag	107	0.001	ug/L	0.000	24	36	57	10	Standard
|	Ba	135	0.018	ug/L	0.004	23	67	207	16	Standard
⌊	Ba	137	0.021	ug/L	0.001	4	123	416	3	Standard
⌈>	Tb	159		ug/L			2424116	2412447	1	Standard
⌊	Pb	208	0.010	ug/L	0.000	4	593	1623	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 18:50:37

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	38095	0	Standard
	Cl	37		ug/L			6351901	6375177	0	Standard
>	Sc	45		ug/L			1373317	1321771	1	Standard
	Cr	52	21.992	ug/L	0.455	2	22922	584097	2	Standard
	Cr	53	19.515	ug/L	0.136	0	225	66001	1	Standard
	Mn	55	22.663	ug/L	0.399	1	1193	857398	0	Standard
>	Ge	72		ug/L			104285	100316	2	KED
	Ni	60	19.466	ug/L	0.440	2	39	34191	0	KED
	Ni	62	19.265	ug/L	0.202	1	5	5510	1	KED
	Cu	63	20.095	ug/L	0.183	0	99	100589	1	KED
	Cu	65	20.007	ug/L	0.147	0	43	49869	1	KED
	Zn	66	59.246	ug/L	0.922	1	252	46136	0	KED
	Zn	67	56.212	ug/L	1.292	2	36	7103	2	KED
	As	75	19.569	ug/L	0.356	1	4	7705	0	KED
	Se	78	61.244	ug/L	0.948	1	18	2895	2	KED
	Y	89		ug/L			663496	643707	1	Standard
	Kr	83		ug/L			309	307	4	Standard
>	In-1	115		ug/L			27472	26979	1	KED
	Mo	98	-0.002	ug/L	0.004	160	20	15	50	KED
	Cd	111	19.412	ug/L	0.381	1	4	8451	1	KED
	Cd	114	19.547	ug/L	0.238	1	2	21535	0	KED
>	In	115		ug/L			1233845	1205466	0	Standard
	Ag	107	19.926	ug/L	0.308	1	36	340365	1	Standard
	Ba	135	19.215	ug/L	0.305	1	67	153834	0	Standard
	Ba	137	19.092	ug/L	0.178	0	123	271618	0	Standard
>	Tb	159		ug/L			2424116	2383166	1	Standard
	Pb	208	21.499	ug/L	0.100	0	593	2200064	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:00:20
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	32877	2	Standard
	Cl	37		ug/L			6351901	6484166	1	Standard
>	Sc	45		ug/L			1373317	1301418	0	Standard
	Cr	52	22.991	ug/L	0.272	1	22922	600294	1	Standard
	Cr	53	20.703	ug/L	0.398	1	225	68933	2	Standard
	Mn	55	24.196	ug/L	0.371	1	1193	901450	1	Standard
>	Ge	72		ug/L			104285	99323	2	KED
	Ni	60	20.711	ug/L	0.541	2	39	36012	0	KED
	Ni	62	20.147	ug/L	0.289	1	5	5707	3	KED
	Cu	63	21.017	ug/L	0.236	1	99	104154	1	KED
	Cu	65	20.869	ug/L	0.605	2	43	51483	1	KED
	Zn	66	62.866	ug/L	1.041	1	252	48460	2	KED
	Zn	67	60.311	ug/L	0.900	1	36	7543	1	KED
	As	75	20.281	ug/L	0.100	0	4	7908	2	KED
	Se	78	64.517	ug/L	1.435	2	18	3018	0	KED
	Y	89		ug/L			663496	644498	2	Standard
	Kr	83		ug/L			309	325	11	Standard
>	In-1	115		ug/L			27472	27075	2	KED
	Mo	98	-0.004	ug/L	0.002	51	20	12	33	KED
	Cd	111	20.333	ug/L	0.662	3	4	8881	1	KED
	Cd	114	20.162	ug/L	0.381	1	2	22288	0	KED
>	In	115		ug/L			1233845	1179122	1	Standard
	Ag	107	20.975	ug/L	0.317	1	36	350456	2	Standard
	Ba	135	20.567	ug/L	0.530	2	67	161016	0	Standard
	Ba	137	20.472	ug/L	0.136	0	123	284879	1	Standard
>	Tb	159		ug/L			2424116	2387407	0	Standard
	Pb	208	22.442	ug/L	0.166	0	593	2300689	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0178-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:07:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	58989	1	Standard
	Cl	**37**		ug/L			6351901	6225975	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1284373	6	Standard
|	**Cr**	**52**	**12.313**	ug/L	0.881	7	22922	326261	1	Standard
|	**Cr**	**53**	**11.310**	ug/L	0.797	7	225	37138	0	Standard
⌊	**Mn**	**55**	**163.848**	ug/L	7.391	4	1193	6005056	2	Standard
⌈>	**Ge**	**72**		ug/L			104285	104403	2	KED
|	**Ni**	**60**	**10.638**	ug/L	0.080	0	39	19472	2	KED
|	**Ni**	**62**	**10.656**	ug/L	0.425	3	5	3173	2	KED
|	**Cu**	**63**	**23.905**	ug/L	0.357	1	99	124508	1	KED
|	**Cu**	**65**	**23.921**	ug/L	0.287	1	43	62040	1	KED
|	**Zn**	**66**	**119.443**	ug/L	1.655	1	252	96559	1	KED
|	**Zn**	**67**	**111.091**	ug/L	1.681	1	36	14575	1	KED
|	**As**	**75**	**1.590**	ug/L	0.028	1	4	655	0	KED
⌊	**Se**	**78**	**0.249**	ug/L	0.096	38	18	30	12	KED
	Y	**89**		ug/L			663496	726840	4	Standard
	Kr	**83**		ug/L			309	347	9	Standard
⌈>	**In-1**	**115**		ug/L			27472	27675	1	KED
|	**Mo**	**98**	**0.555**	ug/L	0.043	7	20	1126	6	KED
|	**Cd**	**111**	**0.121**	ug/L	0.014	11	4	58	11	KED
⌊	**Cd**	**114**	**0.106**	ug/L	0.016	15	2	122	15	KED
⌈>	**In**	**115**		ug/L			1233845	1069680	6	Standard
|	**Ag**	**107**	**0.050**	ug/L	0.002	4	36	787	3	Standard
|	**Ba**	**135**	**32.129**	ug/L	2.097	6	67	227607	0	Standard
⌊	**Ba**	**137**	**32.124**	ug/L	1.455	4	123	404736	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2254981	6	Standard
⌊	**Pb**	**208**	**14.520**	ug/L	0.927	6	593	1402053	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-10
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:12:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	47262	1	Standard
	Cl	37		ug/L			6351901	6176997	1	Standard
⌈>	Sc	45		ug/L			1373317	1461423	1	Standard
|	Cr	52	12.518	ug/L	0.186	1	22922	378095	0	Standard
|	Cr	53	11.494	ug/L	0.090	0	225	43080	0	Standard
⌊	Mn	55	124.339	ug/L	2.870	2	1193	5195654	1	Standard
⌈>	Ge	72		ug/L			104285	102641	0	KED
|	Ni	60	9.824	ug/L	0.113	1	39	17680	0	KED
|	Ni	62	10.059	ug/L	0.252	2	5	2947	2	KED
|	Cu	63	16.716	ug/L	0.267	1	99	85645	2	KED
|	Cu	65	16.715	ug/L	0.179	1	43	42640	1	KED
|	Zn	66	37.814	ug/L	0.420	1	252	30226	1	KED
|	Zn	67	37.793	ug/L	0.456	1	36	4899	1	KED
|	As	75	4.173	ug/L	0.113	2	4	1685	3	KED
⌊	Se	78	0.575	ug/L	0.162	28	18	46	16	KED
	Y	89		ug/L			663496	910933	0	Standard
	Kr	83		ug/L			309	370	15	Standard
⌈>	In-1	115		ug/L			27472	26826	0	KED
|	Mo	98	0.211	ug/L	0.020	9	20	427	8	KED
|	Cd	111	0.100	ug/L	0.017	17	4	47	14	KED
⌊	Cd	114	0.101	ug/L	0.003	3	2	113	3	KED
⌈>	In	115		ug/L			1233845	1155397	0	Standard
|	Ag	107	0.087	ug/L	0.002	2	36	1451	2	Standard
|	Ba	135	29.661	ug/L	0.292	0	67	227589	1	Standard
⌊	Ba	137	29.968	ug/L	0.198	0	123	408605	0	Standard
⌈>	Tb	159		ug/L			2424116	2433491	1	Standard
⌊	Pb	208	7.146	ug/L	0.047	0	593	747115	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-09
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:16:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	47962	1	Standard
	Cl	37		ug/L			6351901	6247103	0	Standard
>	Sc	45		ug/L			1373317	1458981	0	Standard
	Cr	52	11.793	ug/L	0.101	0	22922	357057	1	Standard
	Cr	53	10.676	ug/L	0.114	1	225	39968	1	Standard
	Mn	55	116.642	ug/L	1.588	1	1193	4866867	1	Standard
>	Ge	72		ug/L			104285	102565	0	KED
	Ni	60	9.749	ug/L	0.238	2	39	17532	2	KED
	Ni	62	10.006	ug/L	0.329	3	5	2929	2	KED
	Cu	63	15.233	ug/L	0.108	0	99	77992	0	KED
	Cu	65	15.161	ug/L	0.090	0	43	38652	1	KED
	Zn	66	35.800	ug/L	0.417	1	252	28608	1	KED
	Zn	67	35.475	ug/L	0.611	1	36	4597	1	KED
	As	75	3.453	ug/L	0.028	0	4	1393	1	KED
	Se	78	0.473	ug/L	0.089	18	18	41	10	KED
	Y	89		ug/L			663496	904129	2	Standard
	Kr	83		ug/L			309	343	9	Standard
>	In-1	115		ug/L			27472	26608	1	KED
	Mo	98	0.311	ug/L	0.027	8	20	615	7	KED
	Cd	111	0.065	ug/L	0.002	3	4	32	2	KED
	Cd	114	0.097	ug/L	0.009	9	2	108	8	KED
>	In	115		ug/L			1233845	1140375	1	Standard
	Ag	107	0.073	ug/L	0.006	8	36	1215	7	Standard
	Ba	135	28.140	ug/L	0.333	1	67	213087	0	Standard
	Ba	137	28.969	ug/L	0.192	0	123	389838	0	Standard
>	Tb	159		ug/L			2424116	2445915	0	Standard
	Pb	208	5.682	ug/L	0.064	1	593	597171	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-08
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:20:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	41531	1	Standard
	Cl	37		ug/L			6351901	6312478	0	Standard
>	Sc	45		ug/L			1373317	1445672	0	Standard
	Cr	52	11.985	ug/L	0.188	1	22922	359136	0	Standard
	Cr	53	10.929	ug/L	0.012	0	225	40534	0	Standard
	Mn	55	111.666	ug/L	1.023	0	1193	4616686	1	Standard
>	Ge	72		ug/L			104285	103412	0	KED
	Ni	60	9.479	ug/L	0.068	0	39	17189	0	KED
	Ni	62	9.678	ug/L	0.291	3	5	2857	3	KED
	Cu	63	15.007	ug/L	0.175	1	99	77475	1	KED
	Cu	65	15.147	ug/L	0.156	1	43	38934	1	KED
	Zn	66	35.566	ug/L	0.165	0	252	28658	0	KED
	Zn	67	35.855	ug/L	0.293	0	36	4685	0	KED
	As	75	2.949	ug/L	0.013	0	4	1201	0	KED
	Se	78	0.416	ug/L	0.051	12	18	38	6	KED
	Y	89		ug/L			663496	874394	0	Standard
	Kr	83		ug/L			309	376	4	Standard
>	In-1	115		ug/L			27472	26634	1	KED
	Mo	98	0.221	ug/L	0.010	4	20	443	4	KED
	Cd	111	0.082	ug/L	0.005	5	4	39	6	KED
	Cd	114	0.086	ug/L	0.016	18	2	95	17	KED
>	In	115		ug/L			1233845	1168941	0	Standard
	Ag	107	0.066	ug/L	0.001	1	36	1127	1	Standard
	Ba	135	22.635	ug/L	0.172	0	67	175721	0	Standard
	Ba	137	22.408	ug/L	0.169	0	123	309125	0	Standard
>	Tb	159		ug/L			2424116	2428511	0	Standard
	Pb	208	5.746	ug/L	0.061	1	593	599604	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-DUP1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:25:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	42346	1	Standard
	Cl	37		ug/L			6351901	6330311	1	Standard
>	Sc	45		ug/L			1373317	1425774	0	Standard
	Cr	52	11.178	ug/L	0.082	0	22922	331970	0	Standard
	Cr	53	10.169	ug/L	0.122	1	225	37213	1	Standard
	Mn	55	106.611	ug/L	1.018	0	1193	4347189	1	Standard
>	Ge	72		ug/L			104285	102953	1	KED
	Ni	60	8.987	ug/L	0.144	1	39	16226	1	KED
	Ni	62	9.288	ug/L	0.357	3	5	2730	4	KED
	Cu	63	13.917	ug/L	0.118	0	99	71529	0	KED
	Cu	65	13.844	ug/L	0.194	1	43	35434	2	KED
	Zn	66	33.712	ug/L	0.130	0	252	27056	0	KED
	Zn	67	33.183	ug/L	0.517	1	36	4319	1	KED
	As	75	2.849	ug/L	0.066	2	4	1154	1	KED
	Se	78	0.341	ug/L	0.013	3	18	34	2	KED
	Y	89		ug/L			663496	858465	0	Standard
	Kr	83		ug/L			309	325	3	Standard
>	In-1	115		ug/L			27472	27107	1	KED
	Mo	98	0.209	ug/L	0.008	3	20	428	5	KED
	Cd	111	0.085	ug/L	0.017	19	4	41	17	KED
	Cd	114	0.071	ug/L	0.007	9	2	82	11	KED
>	In	115		ug/L			1233845	1151309	1	Standard
	Ag	107	0.067	ug/L	0.003	5	36	1121	6	Standard
	Ba	135	20.805	ug/L	0.159	0	67	159080	1	Standard
	Ba	137	20.950	ug/L	0.417	1	123	284625	1	Standard
>	Tb	159		ug/L			2424116	2438510	0	Standard
	Pb	208	5.702	ug/L	0.085	1	593	597503	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-MS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:29:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	41286	2	Standard
	Cl	37		ug/L			6351901	6293498	0	Standard
>	Sc	45		ug/L			1373317	1410852	1	Standard
	Cr	52	33.997	ug/L	0.644	1	22922	951027	2	Standard
	Cr	53	30.714	ug/L	0.210	0	225	110752	1	Standard
	Mn	55	142.253	ug/L	1.740	1	1193	5738771	0	Standard
>	Ge	72		ug/L			104285	102159	0	KED
	Ni	60	29.863	ug/L	0.571	1	39	53411	1	KED
	Ni	62	29.898	ug/L	0.542	1	5	8708	1	KED
	Cu	63	35.585	ug/L	0.683	1	99	181327	1	KED
	Cu	65	34.976	ug/L	0.755	2	43	88751	1	KED
	Zn	66	98.022	ug/L	1.380	1	252	77591	1	KED
	Zn	67	93.005	ug/L	0.497	0	36	11948	1	KED
	As	75	22.166	ug/L	0.112	0	4	8890	0	KED
	Se	78	60.171	ug/L	0.874	1	18	2897	0	KED
	Y	89		ug/L			663496	874007	0	Standard
	Kr	83		ug/L			309	361	0	Standard
>	In-1	115		ug/L			27472	27120	1	KED
	Mo	98	0.253	ug/L	0.028	10	20	513	9	KED
	Cd	111	19.268	ug/L	0.457	2	4	8432	1	KED
	Cd	114	19.455	ug/L	0.053	0	2	21547	0	KED
>	In	115		ug/L			1233845	1143700	2	Standard
	Ag	107	10.405	ug/L	0.226	2	36	168616	2	Standard
	Ba	135	43.527	ug/L	1.390	3	67	330427	1	Standard
	Ba	137	43.741	ug/L	0.884	2	123	590137	0	Standard
>	Tb	159		ug/L			2424116	2406104	1	Standard
	Pb	208	26.912	ug/L	0.159	0	593	2780307	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0260-PS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 19:34:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	41748	1	Standard
	Cl	37		ug/L			6351901	6330008	0	Standard
⌈>	Sc	45		ug/L			1373317	1414413	0	Standard
|	Cr	52	35.865	ug/L	0.397	1	22922	1004546	1	Standard
|	Cr	53	32.670	ug/L	0.206	0	225	118085	0	Standard
⌊	Mn	55	131.805	ug/L	0.898	0	1193	5330985	0	Standard
⌈>	Ge	72		ug/L			104285	101553	0	KED
|	Ni	60	32.809	ug/L	0.339	1	39	58333	0	KED
|	Ni	62	32.715	ug/L	0.814	2	5	9471	2	KED
|	Cu	63	38.149	ug/L	0.641	1	99	193258	1	KED
|	Cu	65	38.409	ug/L	0.144	0	43	96890	0	KED
|	Zn	66	106.125	ug/L	0.541	0	252	83489	0	KED
|	Zn	67	100.496	ug/L	0.902	0	36	12831	0	KED
|	As	75	25.903	ug/L	0.243	0	4	10326	0	KED
⌊	Se	78	69.980	ug/L	0.764	1	18	3347	1	KED
	Y	89		ug/L			663496	864537	1	Standard
	Kr	83		ug/L			309	353	1	Standard
⌈>	In-1	115		ug/L			27472	26830	2	KED
|	Mo	98	0.197	ug/L	0.008	4	20	400	2	KED
|	Cd	111	23.190	ug/L	0.467	2	4	10039	0	KED
⌊	Cd	114	23.065	ug/L	0.433	1	2	25266	0	KED
⌈>	In	115		ug/L			1233845	1139848	0	Standard
|	Ag	107	23.756	ug/L	0.248	1	36	383710	1	Standard
|	Ba	135	45.667	ug/L	0.672	1	67	345621	0	Standard
⌊	Ba	137	45.306	ug/L	0.326	0	123	609338	0	Standard
⌈>	Tb	159		ug/L			2424116	2447447	1	Standard
⌊	Pb	208	29.202	ug/L	0.324	1	593	3068618	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 19:41:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	29320	0	Standard
	Cl	**37**		ug/L			6351901	6514085	0	Standard
>	**Sc**	**45**		ug/L			1373317	1262220	1	Standard
	Cr	**52**	**55.512**	ug/L	0.374	0	22922	1375886	1	Standard
	Cr	**53**	**50.130**	ug/L	0.499	0	225	161597	2	Standard
	Mn	**55**	**51.539**	ug/L	0.345	0	1193	1860852	1	Standard
>	**Ge**	**72**		ug/L			104285	100143	2	KED
	Ni	**60**	**47.957**	ug/L	0.521	1	39	84050	1	KED
	Ni	**62**	**47.641**	ug/L	0.399	0	5	13597	1	KED
	Cu	**63**	**47.833**	ug/L	0.387	0	99	238906	2	KED
	Cu	**65**	**48.029**	ug/L	0.478	0	43	119454	2	KED
	Zn	**66**	**48.355**	ug/L	0.310	0	252	37641	1	KED
	Zn	**67**	**47.972**	ug/L	1.296	2	36	6060	4	KED
	As	**75**	**48.171**	ug/L	0.701	1	4	18930	1	KED
	Se	**78**	**47.678**	ug/L	0.810	1	18	2253	1	KED
	Y	**89**		ug/L			663496	643453	1	Standard
	Kr	**83**		ug/L			309	306	3	Standard
>	**In-1**	**115**		ug/L			27472	25987	0	KED
	Mo	**98**	**48.374**	ug/L	0.799	1	20	90470	1	KED
	Cd	**111**	**48.906**	ug/L	1.125	2	4	20504	1	KED
	Cd	**114**	**48.950**	ug/L	0.326	0	2	51946	0	KED
>	**In**	**115**		ug/L			1233845	1117465	0	Standard
	Ag	**107**	**48.659**	ug/L	0.559	1	36	770421	0	Standard
	Ba	**135**	**48.441**	ug/L	0.962	1	67	359431	2	Standard
	Ba	**137**	**49.025**	ug/L	1.269	2	123	646356	1	Standard
>	**Tb**	**159**		ug/L			2424116	2352692	1	Standard
	Pb	**208**	**48.800**	ug/L	0.255	0	593	4929418	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 19:48:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	26747	1	Standard
	Cl	**37**		ug/L			6351901	6303133	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1232966	4	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.024	99	22922	21143	1	Standard
|	**Cr**	**53**	**0.014**	ug/L	0.004	26	225	245	7	Standard
⌊	**Mn**	**55**	**-0.001**	ug/L	0.002	157	1193	1018	3	Standard
⌈>	**Ge**	**72**		ug/L			104285	99965	0	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.006	90	39	26	37	KED
|	**Ni**	**62**	**0.003**	ug/L	0.015	505	5	6	69	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.002	116	99	87	9	KED
|	**Cu**	**65**	**0.003**	ug/L	0.005	156	43	49	24	KED
|	**Zn**	**66**	**-0.008**	ug/L	0.047	588	252	235	15	KED
|	**Zn**	**67**	**0.022**	ug/L	0.053	238	36	38	17	KED
|	**As**	**75**	**0.004**	ug/L	0.006	136	4	5	38	KED
⌊	**Se**	**78**	**0.089**	ug/L	0.127	141	18	22	26	KED
	Y	**89**		ug/L			663496	621767	4	Standard
	Kr	**83**		ug/L			309	288	4	Standard
⌈>	**In-1**	**115**		ug/L			27472	26421	1	KED
|	**Mo**	**98**	**0.019**	ug/L	0.005	26	20	55	15	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.003	932	4	4	32	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.001	3323	2	2	40	KED
⌈>	**In**	**115**		ug/L			1233845	1081576	4	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	32	36	80	20	Standard
|	**Ba**	**135**	**0.002**	ug/L	0.001	54	67	75	14	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	441	123	104	11	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2223976	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	25	593	649	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 19:57:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	44862	0	Standard
	Cl	37		ug/L			6351901	6166321	0	Standard
>	Sc	45		ug/L			1373317	1264692	1	Standard
	Cr	52	0.100	ug/L	0.023	23	22922	23544	1	Standard
	Cr	53	0.063	ug/L	0.005	7	225	411	2	Standard
	Mn	55	0.048	ug/L	0.001	1	1193	2850	1	Standard
>	Ge	72		ug/L			104285	98278	3	KED
	Ni	60	0.051	ug/L	0.002	4	39	125	4	KED
	Ni	62	0.065	ug/L	0.006	9	5	23	9	KED
	Cu	63	0.021	ug/L	0.005	24	99	195	15	KED
	Cu	65	0.022	ug/L	0.003	15	43	93	7	KED
	Zn	66	-0.020	ug/L	0.012	59	252	222	5	KED
	Zn	67	0.002	ug/L	0.011	706	36	34	6	KED
	As	75	0.004	ug/L	0.003	68	4	5	21	KED
	Se	78	0.099	ug/L	0.120	121	18	22	27	KED
	Y	89		ug/L			663496	645055	4	Standard
	Kr	83		ug/L			309	307	6	Standard
>	In-1	115		ug/L			27472	26513	2	KED
	Mo	98	0.007	ug/L	0.003	45	20	33	16	KED
	Cd	111	-0.003	ug/L	0.005	159	4	3	75	KED
	Cd	114	0.004	ug/L	0.006	140	2	7	87	KED
>	In	115		ug/L			1233845	1115459	2	Standard
	Ag	107	0.001	ug/L	0.000	42	36	48	15	Standard
	Ba	135	0.003	ug/L	0.000	13	67	83	1	Standard
	Ba	137	0.001	ug/L	0.001	154	123	124	16	Standard
>	Tb	159		ug/L			2424116	2320440	2	Standard
	Pb	208	0.002	ug/L	0.000	13	593	728	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:01:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	50716	1	Standard
	Cl	37		ug/L			6351901	6454589	0	Standard
>	Sc	45		ug/L			1373317	1272719	0	Standard
	Cr	52	27.054	ug/L	0.181	0	22922	687035	0	Standard
	Cr	53	24.624	ug/L	0.319	1	225	80138	0	Standard
	Mn	55	28.555	ug/L	0.321	1	1193	1040147	1	Standard
>	Ge	72		ug/L			104285	101841	1	KED
	Ni	60	23.351	ug/L	0.523	2	39	41637	1	KED
	Ni	62	23.017	ug/L	1.236	5	5	6686	6	KED
	Cu	63	23.204	ug/L	0.290	1	99	117902	0	KED
	Cu	65	23.273	ug/L	0.278	1	43	58882	0	KED
	Zn	66	74.279	ug/L	2.326	3	252	58652	1	KED
	Zn	67	70.830	ug/L	2.509	3	36	9078	3	KED
	As	75	23.402	ug/L	0.422	1	4	9354	0	KED
	Se	78	74.590	ug/L	1.912	2	18	3575	0	KED
	Y	89		ug/L			663496	645673	1	Standard
	Kr	83		ug/L			309	327	2	Standard
>	In-1	115		ug/L			27472	26216	2	KED
	Mo	98	0.007	ug/L	0.003	47	20	33	21	KED
	Cd	111	24.251	ug/L	0.601	2	4	10256	0	KED
	Cd	114	23.941	ug/L	0.619	2	2	25622	1	KED
>	In	115		ug/L			1233845	1123452	0	Standard
	Ag	107	24.528	ug/L	0.314	1	36	390474	1	Standard
	Ba	135	24.101	ug/L	0.261	1	67	179825	1	Standard
	Ba	137	24.247	ug/L	0.373	1	123	321467	1	Standard
>	Tb	159		ug/L			2424116	2371081	1	Standard
	Pb	208	24.437	ug/L	0.446	1	593	2487862	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:06:10
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	45497	0	Standard
	Cl	37		ug/L			6351901	6348540	1	Standard
>	Sc	45		ug/L			1373317	1262103	1	Standard
	Cr	52	0.120	ug/L	0.005	4	22922	23985	1	Standard
	Cr	53	0.066	ug/L	0.003	4	225	420	3	Standard
	Mn	55	0.296	ug/L	0.005	1	1193	11761	1	Standard
>	Ge	72		ug/L			104285	101785	0	KED
	Ni	60	0.031	ug/L	0.005	17	39	93	10	KED
	Ni	62	0.038	ug/L	0.017	44	5	16	29	KED
	Cu	63	0.067	ug/L	0.005	7	99	434	5	KED
	Cu	65	0.066	ug/L	0.000	0	43	210	0	KED
	Zn	66	-0.016	ug/L	0.041	248	252	233	13	KED
	Zn	67	0.022	ug/L	0.068	308	36	38	22	KED
	As	75	0.004	ug/L	0.004	105	4	5	30	KED
	Se	78	0.098	ug/L	0.049	50	18	22	10	KED
	Y	89		ug/L			663496	649657	0	Standard
	Kr	83		ug/L			309	302	5	Standard
>	In-1	115		ug/L			27472	26417	1	KED
	Mo	98	0.000	ug/L	0.001	237	20	20	9	KED
	Cd	111	0.006	ug/L	0.003	44	4	7	15	KED
	Cd	114	0.005	ug/L	0.005	89	2	8	57	KED
>	In	115		ug/L			1233845	1107305	2	Standard
	Ag	107	0.002	ug/L	0.000	22	36	60	10	Standard
	Ba	135	0.004	ug/L	0.001	34	67	89	9	Standard
	Ba	137	0.004	ug/L	0.002	55	123	161	14	Standard
>	Tb	159		ug/L			2424116	2342893	1	Standard
	Pb	208	0.079	ug/L	0.002	2	593	8468	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:10:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	50525	1	Standard
	Cl	**37**		ug/L			6351901	6535530	1	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1268977	2	Standard
⎢	**Cr**	**52**	**27.742**	ug/L	0.329	1	22922	701806	1	Standard
⎢	**Cr**	**53**	**24.908**	ug/L	0.238	0	225	80823	2	Standard
⎣	**Mn**	**55**	**29.019**	ug/L	0.786	2	1193	1053747	2	Standard
⎡>	**Ge**	**72**		ug/L			104285	100530	0	KED
⎢	**Ni**	**60**	**24.432**	ug/L	0.163	0	39	43011	0	KED
⎢	**Ni**	**62**	**23.904**	ug/L	0.432	1	5	6852	1	KED
⎢	**Cu**	**63**	**24.359**	ug/L	0.144	0	99	122192	0	KED
⎢	**Cu**	**65**	**24.281**	ug/L	0.263	1	43	60648	0	KED
⎢	**Zn**	**66**	**77.255**	ug/L	1.286	1	252	60230	1	KED
⎢	**Zn**	**67**	**74.661**	ug/L	3.467	4	36	9446	4	KED
⎢	**As**	**75**	**24.119**	ug/L	0.174	0	4	9518	0	KED
⎣	**Se**	**78**	**76.520**	ug/L	0.845	1	18	3621	1	KED
	Y	**89**		ug/L			663496	650572	1	Standard
	Kr	**83**		ug/L			309	312	3	Standard
⎡>	**In-1**	**115**		ug/L			27472	25788	1	KED
⎢	**Mo**	**98**	**0.001**	ug/L	0.006	713	20	21	51	KED
⎢	**Cd**	**111**	**25.026**	ug/L	0.466	1	4	10413	0	KED
⎣	**Cd**	**114**	**24.804**	ug/L	0.345	1	2	26118	0	KED
⎡>	**In**	**115**		ug/L			1233845	1119377	2	Standard
⎢	**Ag**	**107**	**24.976**	ug/L	0.424	1	36	396117	2	Standard
⎢	**Ba**	**135**	**24.796**	ug/L	0.466	1	67	184283	0	Standard
⎣	**Ba**	**137**	**24.938**	ug/L	0.584	2	123	329336	0	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2362722	1	Standard
⎣	**Pb**	**208**	**24.890**	ug/L	0.316	1	593	2524948	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-38RE1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:14:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	124300	1	Standard
	Cl	**37**		ug/L			6351901	6050057	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1494939	2	Standard
|	**Cr**	**52**	**1.692**	ug/L	0.052	3	22922	73851	1	Standard
|	**Cr**	**53**	**1.502**	ug/L	0.020	1	225	5971	1	Standard
⌊	**Mn**	**55**	**28.426**	ug/L	0.380	1	1193	1215995	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	103845	0	KED
|	**Ni**	**60**	**1.708**	ug/L	0.064	3	39	3143	3	KED
|	**Ni**	**62**	**1.854**	ug/L	0.043	2	5	554	1	KED
|	**Cu**	**63**	**6.068**	ug/L	0.097	1	99	31514	1	KED
|	**Cu**	**65**	**6.114**	ug/L	0.076	1	43	15808	0	KED
|	**Zn**	**66**	**16.567**	ug/L	0.104	0	252	13539	0	KED
|	**Zn**	**67**	**16.762**	ug/L	0.800	4	36	2218	4	KED
|	**As**	**75**	**4.663**	ug/L	0.060	1	4	1904	0	KED
⌊	**Se**	**78**	**0.330**	ug/L	0.091	27	18	34	13	KED
	Y	**89**		ug/L			663496	698454	2	Standard
	Kr	**83**		ug/L			309	313	13	Standard
⌈>	**In-1**	**115**		ug/L			27472	27830	2	KED
|	**Mo**	**98**	**1.883**	ug/L	0.056	2	20	3790	0	KED
|	**Cd**	**111**	**0.087**	ug/L	0.014	16	4	43	12	KED
⌊	**Cd**	**114**	**0.096**	ug/L	0.015	15	2	111	15	KED
⌈>	**In**	**115**		ug/L			1233845	1226525	0	Standard
|	**Ag**	**107**	**0.028**	ug/L	0.002	6	36	520	5	Standard
|	**Ba**	**135**	**21.922**	ug/L	0.428	1	67	178574	1	Standard
⌊	**Ba**	**137**	**21.523**	ug/L	0.172	0	123	311566	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2441982	1	Standard
⌊	**Pb**	**208**	**0.946**	ug/L	0.017	1	593	99713	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0448-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 20:22:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	44021	0	Standard
	Cl	37		ug/L			6351901	6305071	1	Standard
>	Sc	45		ug/L			1373317	1529997	1	Standard
	Cr	52	17.113	ug/L	0.372	2	22922	531753	1	Standard
	Cr	53	15.802	ug/L	0.047	0	225	61918	1	Standard
	Mn	55	345.470	ug/L	2.309	0	1193	15112144	0	Standard
>	Ge	72		ug/L			104285	99662	1	KED
	Ni	60	24.998	ug/L	0.350	1	39	43624	1	KED
	Ni	62	24.690	ug/L	0.550	2	5	7016	2	KED
	Cu	63	26.553	ug/L	0.327	1	99	132027	0	KED
	Cu	65	26.448	ug/L	0.262	0	43	65481	0	KED
	Zn	66	58.722	ug/L	0.114	0	252	45443	0	KED
	Zn	67	60.026	ug/L	1.923	3	36	7535	3	KED
	As	75	3.042	ug/L	0.054	1	4	1193	0	KED
	Se	78	0.776	ug/L	0.051	6	18	54	3	KED
	Y	89		ug/L			663496	991071	1	Standard
	Kr	83		ug/L			309	420	4	Standard
>	In-1	115		ug/L			27472	26088	1	KED
	Mo	98	0.341	ug/L	0.021	6	20	660	4	KED
	Cd	111	0.178	ug/L	0.003	1	4	79	1	KED
	Cd	114	0.170	ug/L	0.013	7	2	183	5	KED
>	In	115		ug/L			1233845	1091124	0	Standard
	Ag	107	0.124	ug/L	0.004	3	36	1956	3	Standard
	Ba	135	81.708	ug/L	2.011	2	67	591881	1	Standard
	Ba	137	80.995	ug/L	0.607	0	123	1042674	0	Standard
>	Tb	159		ug/L			2424116	2364384	0	Standard
	Pb	208	3.012	ug/L	0.013	0	593	306322	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-11
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 20:27:11
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	48225	2	Standard
	Cl	37		ug/L			6351901	6209500	0	Standard
>	Sc	45		ug/L			1373317	1407875	1	Standard
	Cr	52	13.302	ug/L	0.215	1	22922	385599	1	Standard
	Cr	53	12.114	ug/L	0.071	0	225	43727	0	Standard
	Mn	55	130.386	ug/L	2.049	1	1193	5248787	0	Standard
>	Ge	72		ug/L			104285	100679	1	KED
	Ni	60	10.133	ug/L	0.156	1	39	17888	2	KED
	Ni	62	10.419	ug/L	0.225	2	5	2993	1	KED
	Cu	63	20.039	ug/L	0.429	2	99	100672	1	KED
	Cu	65	20.268	ug/L	0.296	1	43	50701	1	KED
	Zn	66	43.333	ug/L	0.791	1	252	33936	0	KED
	Zn	67	42.818	ug/L	0.825	1	36	5441	3	KED
	As	75	4.078	ug/L	0.082	2	4	1615	0	KED
	Se	78	0.570	ug/L	0.048	8	18	44	4	KED
	Y	89		ug/L			663496	898166	0	Standard
	Kr	83		ug/L			309	349	4	Standard
>	In-1	115		ug/L			27472	26350	0	KED
	Mo	98	0.231	ug/L	0.007	3	20	458	3	KED
	Cd	111	0.106	ug/L	0.016	14	4	49	13	KED
	Cd	114	0.123	ug/L	0.004	3	2	135	4	KED
>	In	115		ug/L			1233845	1126765	0	Standard
	Ag	107	0.110	ug/L	0.006	5	36	1786	4	Standard
	Ba	135	27.532	ug/L	0.308	1	67	206022	1	Standard
	Ba	137	27.706	ug/L	0.288	1	123	368403	0	Standard
>	Tb	159		ug/L			2424116	2400162	1	Standard
	Pb	208	9.834	ug/L	0.170	1	593	1013650	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-14
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 20:31:30

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	42077	1	Standard
	Cl	**37**		ug/L			6351901	6286697	1	Standard
>	**Sc**	**45**		ug/L			1373317	1396531	0	Standard
	Cr	**52**	**11.714**	ug/L	0.019	0	22922	339640	0	Standard
	Cr	**53**	**10.550**	ug/L	0.065	0	225	37806	0	Standard
	Mn	**55**	**138.177**	ug/L	2.480	1	1193	5518076	1	Standard
>	**Ge**	**72**		ug/L			104285	96540	9	KED
	Ni	**60**	**9.238**	ug/L	0.902	9	39	15548	0	KED
	Ni	**62**	**9.312**	ug/L	0.965	10	5	2551	4	KED
	Cu	**63**	**14.896**	ug/L	1.550	10	99	71344	0	KED
	Cu	**65**	**14.851**	ug/L	1.395	9	43	35437	0	KED
	Zn	**66**	**37.113**	ug/L	3.182	8	252	27765	1	KED
	Zn	**67**	**35.480**	ug/L	2.343	6	36	4314	5	KED
	As	**75**	**4.411**	ug/L	0.391	8	4	1666	1	KED
	Se	**78**	**0.439**	ug/L	0.020	4	18	37	8	KED
	Y	**89**		ug/L			663496	885348	1	Standard
	Kr	**83**		ug/L			309	340	8	Standard
>	**In-1**	**115**		ug/L			27472	26174	1	KED
	Mo	**98**	**0.277**	ug/L	0.006	2	20	542	2	KED
	Cd	**111**	**0.116**	ug/L	0.020	17	4	53	15	KED
	Cd	**114**	**0.107**	ug/L	0.007	6	2	117	7	KED
>	**In**	**115**		ug/L			1233845	1105841	1	Standard
	Ag	**107**	**0.097**	ug/L	0.003	3	36	1545	2	Standard
	Ba	**135**	**21.653**	ug/L	0.376	1	67	159005	1	Standard
	Ba	**137**	**21.536**	ug/L	0.726	3	123	280996	2	Standard
>	**Tb**	**159**		ug/L			2424116	2370919	1	Standard
	Pb	**208**	**7.920**	ug/L	0.072	0	593	806706	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0430-15
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 20:35:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	44381	0	Standard
	Cl	**37**		ug/L			6351901	6248514	1	Standard
>	**Sc**	**45**		ug/L			1373317	1416051	2	Standard
	Cr	**52**	**10.460**	ug/L	0.245	2	22922	309957	0	Standard
	Cr	**53**	**9.431**	ug/L	0.212	2	225	34284	1	Standard
	Mn	**55**	**194.170**	ug/L	2.875	1	1193	7860539	0	Standard
>	**Ge**	**72**		ug/L			104285	101822	2	KED
	Ni	**60**	**8.139**	ug/L	0.194	2	39	14533	1	KED
	Ni	**62**	**8.375**	ug/L	0.338	4	5	2433	2	KED
	Cu	**63**	**17.981**	ug/L	0.261	1	99	91360	0	KED
	Cu	**65**	**18.188**	ug/L	0.483	2	43	46009	1	KED
	Zn	**66**	**32.480**	ug/L	0.324	0	252	25787	1	KED
	Zn	**67**	**32.899**	ug/L	1.298	3	36	4233	2	KED
	As	**75**	**5.642**	ug/L	0.158	2	4	2257	0	KED
	Se	**78**	**0.562**	ug/L	0.049	8	18	45	6	KED
	Y	**89**		ug/L			663496	915999	1	Standard
	Kr	**83**		ug/L			309	389	5	Standard
>	**In-1**	**115**		ug/L			27472	26337	0	KED
	Mo	**98**	**0.388**	ug/L	0.013	3	20	755	3	KED
	Cd	**111**	**0.117**	ug/L	0.014	11	4	54	10	KED
	Cd	**114**	**0.130**	ug/L	0.003	2	2	142	1	KED
>	**In**	**115**		ug/L			1233845	1104144	1	Standard
	Ag	**107**	**0.108**	ug/L	0.001	0	36	1724	2	Standard
	Ba	**135**	**42.228**	ug/L	1.215	2	67	309503	1	Standard
	Ba	**137**	**42.765**	ug/L	0.537	1	123	557103	0	Standard
>	**Tb**	**159**		ug/L			2424116	2418312	1	Standard
	Pb	**208**	**6.161**	ug/L	0.125	2	593	640041	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:41:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	30166	1	Standard
	Cl	**37**		ug/L			6351901	6059125	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1239529	1	Standard
|	**Cr**	**52**	**0.006**	ug/L	0.013	212	22922	20836	1	Standard
|	**Cr**	**53**	**0.017**	ug/L	0.008	48	225	258	9	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	14	1193	1309	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	100023	0	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.006	111	39	27	38	KED
|	**Ni**	**62**	**0.016**	ug/L	0.010	61	5	10	28	KED
|	**Cu**	**63**	**0.003**	ug/L	0.005	160	99	111	23	KED
|	**Cu**	**65**	**0.001**	ug/L	0.002	134	43	45	11	KED
|	**Zn**	**66**	**0.144**	ug/L	0.026	17	252	353	5	KED
|	**Zn**	**67**	**0.068**	ug/L	0.084	124	36	43	24	KED
|	**As**	**75**	**0.002**	ug/L	0.006	247	4	5	47	KED
⌊	**Se**	**78**	**0.010**	ug/L	0.077	771	18	18	19	KED
	Y	**89**		ug/L			663496	631107	1	Standard
	Kr	**83**		ug/L			309	277	17	Standard
⌈>	**In-1**	**115**		ug/L			27472	25749	0	KED
|	**Mo**	**98**	**-0.008**	ug/L	0.002	20	20	4	64	KED
|	**Cd**	**111**	**0.004**	ug/L	0.003	69	4	6	18	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.005	98	2	8	65	KED
⌈>	**In**	**115**		ug/L			1233845	1101975	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	67	36	48	22	Standard
|	**Ba**	**135**	**0.004**	ug/L	0.001	21	67	90	6	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	24	123	165	8	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2294769	1	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	7	593	1040	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:46:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28992	0	Standard
	Cl	**37**		ug/L			6351901	6478287	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1251354	0	Standard
|	**Cr**	**52**	**54.407**	ug/L	0.207	0	22922	1337402	1	Standard
|	**Cr**	**53**	**49.240**	ug/L	0.567	1	225	157371	1	Standard
⌊	**Mn**	**55**	**50.458**	ug/L	0.295	0	1193	1806261	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	98824	0	KED
|	**Ni**	**60**	**48.216**	ug/L	0.387	0	39	83401	0	KED
|	**Ni**	**62**	**47.757**	ug/L	0.663	1	5	13452	1	KED
|	**Cu**	**63**	**48.676**	ug/L	0.648	1	99	239914	0	KED
|	**Cu**	**65**	**48.304**	ug/L	0.937	1	43	118554	1	KED
|	**Zn**	**66**	**48.024**	ug/L	0.815	1	252	36899	2	KED
|	**Zn**	**67**	**48.570**	ug/L	0.441	0	36	6052	1	KED
|	**As**	**75**	**47.857**	ug/L	0.697	1	4	18563	1	KED
⌊	**Se**	**78**	**48.898**	ug/L	1.414	2	18	2280	2	KED
	Y	**89**		ug/L			663496	636493	1	Standard
	Kr	**83**		ug/L			309	290	16	Standard
⌈>	**In-1**	**115**		ug/L			27472	25616	1	KED
|	**Mo**	**98**	**49.032**	ug/L	1.100	2	20	90372	0	KED
|	**Cd**	**111**	**49.367**	ug/L	0.387	0	4	20402	0	KED
⌊	**Cd**	**114**	**49.400**	ug/L	1.259	2	2	51666	1	KED
⌈>	**In**	**115**		ug/L			1233845	1111460	2	Standard
|	**Ag**	**107**	**49.194**	ug/L	1.330	2	36	774432	1	Standard
|	**Ba**	**135**	**49.060**	ug/L	1.034	2	67	361962	0	Standard
⌊	**Ba**	**137**	**48.934**	ug/L	1.199	2	123	641573	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2316052	0	Standard
⌊	**Pb**	**208**	**49.178**	ug/L	0.458	0	593	4890149	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:53:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	26329	2	Standard
	Cl	**37**		ug/L			6351901	6259374	2	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1231993	0	Standard
|	**Cr**	**52**	**0.032**	ug/L	0.006	19	22922	21318	1	Standard
|	**Cr**	**53**	**0.006**	ug/L	0.002	34	225	222	3	Standard
⌊	**Mn**	**55**	**-0.006**	ug/L	0.000	2	1193	860	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	99928	1	KED
|	**Ni**	**60**	**-0.010**	ug/L	0.006	58	39	20	48	KED
|	**Ni**	**62**	**0.012**	ug/L	0.016	129	5	8	49	KED
|	**Cu**	**63**	**0.001**	ug/L	0.002	259	99	99	13	KED
|	**Cu**	**65**	**0.004**	ug/L	0.007	171	43	51	30	KED
|	**Zn**	**66**	**-0.008**	ug/L	0.027	320	252	234	8	KED
|	**Zn**	**67**	**-0.064**	ug/L	0.023	36	36	27	10	KED
|	**As**	**75**	**0.004**	ug/L	0.002	50	4	5	13	KED
⌊	**Se**	**78**	**0.070**	ug/L	0.134	190	18	21	30	KED
	Y	**89**		ug/L			663496	625076	2	Standard
	Kr	**83**		ug/L			309	313	3	Standard
⌈>	**In-1**	**115**		ug/L			27472	26341	1	KED
|	**Mo**	**98**	**0.009**	ug/L	0.005	55	20	36	24	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.004	1426	4	4	32	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.001	35	2	6	17	KED
⌈>	**In**	**115**		ug/L			1233845	1106148	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	66	36	60	30	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.001	224	67	64	13	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.002	1103	123	108	20	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2290251	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	39	593	621	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 20:58:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	48842	1	Standard
	Cl	37		ug/L			6351901	6205598	2	Standard
>	Sc	45		ug/L			1373317	1256953	1	Standard
	Cr	52	0.212	ug/L	0.031	14	22922	26116	2	Standard
	Cr	53	0.134	ug/L	0.010	7	225	635	5	Standard
	Mn	55	0.028	ug/L	0.002	5	1193	2103	2	Standard
>	Ge	72		ug/L			104285	98107	0	KED
	Ni	60	-0.010	ug/L	0.010	98	39	20	79	KED
	Ni	62	0.008	ug/L	0.007	84	5	7	25	KED
	Cu	63	0.018	ug/L	0.002	11	99	180	4	KED
	Cu	65	0.019	ug/L	0.006	31	43	86	17	KED
	Zn	66	0.021	ug/L	0.004	21	252	252	1	KED
	Zn	67	0.064	ug/L	0.124	193	36	42	36	KED
	As	75	0.001	ug/L	0.002	127	4	4	15	KED
	Se	78	0.075	ug/L	0.089	118	18	21	18	KED
	Y	89		ug/L			663496	639245	1	Standard
	Kr	83		ug/L			309	314	12	Standard
>	In-1	115		ug/L			27472	26006	2	KED
	Mo	98	0.010	ug/L	0.004	44	20	37	21	KED
	Cd	111	0.001	ug/L	0.000	44	4	4	0	KED
	Cd	114	0.004	ug/L	0.004	83	2	7	52	KED
>	In	115		ug/L			1233845	1114723	0	Standard
	Ag	107	0.001	ug/L	0.001	47	36	52	18	Standard
	Ba	135	0.003	ug/L	0.001	42	67	80	9	Standard
	Ba	137	0.003	ug/L	0.001	46	123	144	10	Standard
>	Tb	159		ug/L			2424116	2319231	1	Standard
	Pb	208	-0.000	ug/L	0.000	199	593	546	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:03:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	51522	0	Standard
	Cl	**37**		ug/L			6351901	6472949	0	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1253792	1	Standard
⎢	**Cr**	**52**	**28.326**	ug/L	0.747	2	22922	707548	1	Standard
⎢	**Cr**	**53**	**25.580**	ug/L	0.504	1	225	81997	1	Standard
⎣	**Mn**	**55**	**29.561**	ug/L	0.704	2	1193	1060550	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	99627	1	KED
⎢	**Ni**	**60**	**24.525**	ug/L	0.363	1	39	42784	1	KED
⎢	**Ni**	**62**	**24.725**	ug/L	0.436	1	5	7023	0	KED
⎢	**Cu**	**63**	**24.409**	ug/L	0.279	1	99	121328	0	KED
⎢	**Cu**	**65**	**24.516**	ug/L	0.230	0	43	60683	1	KED
⎢	**Zn**	**66**	**78.660**	ug/L	1.322	1	252	60763	0	KED
⎢	**Zn**	**67**	**75.668**	ug/L	0.970	1	36	9486	1	KED
⎢	**As**	**75**	**24.673**	ug/L	0.182	0	4	9649	0	KED
⎣	**Se**	**78**	**78.870**	ug/L	1.671	2	18	3697	1	KED
	Y	**89**		ug/L			663496	645189	1	Standard
	Kr	**83**		ug/L			309	299	5	Standard
⎡>	**In-1**	**115**		ug/L			27472	26234	2	KED
⎢	**Mo**	**98**	**0.005**	ug/L	0.002	28	20	30	11	KED
⎢	**Cd**	**111**	**25.095**	ug/L	0.679	2	4	10621	1	KED
⎣	**Cd**	**114**	**25.122**	ug/L	0.651	2	2	26905	1	KED
⎡>	**In**	**115**		ug/L			1233845	1115860	1	Standard
⎢	**Ag**	**107**	**25.204**	ug/L	0.087	0	36	398496	1	Standard
⎢	**Ba**	**135**	**24.999**	ug/L	0.262	1	67	185241	0	Standard
⎣	**Ba**	**137**	**24.973**	ug/L	0.114	0	123	328855	0	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2328330	0	Standard
⎣	**Pb**	**208**	**25.498**	ug/L	0.461	1	593	2549027	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0123-05
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 21:09:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	38138	0	Standard
	Cl	**37**		ug/L			6351901	6188451	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1285396	1	Standard
|	**Cr**	**52**	**0.028**	ug/L	0.012	41	22922	22146	0	Standard
|	**Cr**	**53**	**0.084**	ug/L	0.002	2	225	485	3	Standard
⌊	**Mn**	**55**	**9.761**	ug/L	0.127	1	1193	359770	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	99080	2	KED
|	**Ni**	**60**	**0.020**	ug/L	0.001	6	39	72	2	KED
|	**Ni**	**62**	**0.033**	ug/L	0.011	34	5	14	19	KED
|	**Cu**	**63**	**0.051**	ug/L	0.000	0	99	345	2	KED
|	**Cu**	**65**	**0.050**	ug/L	0.012	24	43	163	16	KED
|	**Zn**	**66**	**0.188**	ug/L	0.013	7	252	383	4	KED
|	**Zn**	**67**	**0.435**	ug/L	0.067	15	36	88	7	KED
|	**As**	**75**	**0.017**	ug/L	0.007	40	4	10	26	KED
⌊	**Se**	**78**	**0.067**	ug/L	0.022	32	18	20	3	KED
	Y	**89**		ug/L			663496	634572	2	Standard
	Kr	**83**		ug/L			309	280	7	Standard
⌈>	**In-1**	**115**		ug/L			27472	26639	0	KED
|	**Mo**	**98**	**0.142**	ug/L	0.005	3	20	291	2	KED
|	**Cd**	**111**	**0.021**	ug/L	0.005	25	4	13	17	KED
⌊	**Cd**	**114**	**0.022**	ug/L	0.010	44	2	26	38	KED
⌈>	**In**	**115**		ug/L			1233845	1153708	2	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	29	36	62	12	Standard
|	**Ba**	**135**	**4.254**	ug/L	0.148	3	67	32636	2	Standard
⌊	**Ba**	**137**	**4.266**	ug/L	0.122	2	123	58151	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2382011	0	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	3	593	878	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-DUP4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 21:14:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	38071	2	Standard
	Cl	**37**		ug/L			6351901	6328360	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1251130	0	Standard
|	**Cr**	**52**	**0.075**	ug/L	0.013	17	22922	22691	1	Standard
|	**Cr**	**53**	**0.132**	ug/L	0.004	3	225	625	2	Standard
⌊	**Mn**	**55**	**10.071**	ug/L	0.196	1	1193	361326	2	Standard
⌈>	**Ge**	**72**		ug/L			104285	96583	0	KED
|	**Ni**	**60**	**0.020**	ug/L	0.006	29	39	71	14	KED
|	**Ni**	**62**	**0.045**	ug/L	0.017	38	5	17	26	KED
|	**Cu**	**63**	**0.055**	ug/L	0.009	15	99	358	12	KED
|	**Cu**	**65**	**0.058**	ug/L	0.006	11	43	180	8	KED
|	**Zn**	**66**	**0.241**	ug/L	0.028	11	252	413	4	KED
|	**Zn**	**67**	**0.478**	ug/L	0.147	30	36	92	19	KED
|	**As**	**75**	**0.011**	ug/L	0.005	45	4	8	23	KED
⌊	**Se**	**78**	**0.059**	ug/L	0.048	81	18	19	10	KED
	Y	**89**		ug/L			663496	594482	0	Standard
	Kr	**83**		ug/L			309	304	5	Standard
⌈>	**In-1**	**115**		ug/L			27472	25931	1	KED
|	**Mo**	**98**	**0.146**	ug/L	0.011	7	20	292	6	KED
|	**Cd**	**111**	**0.021**	ug/L	0.016	75	4	13	49	KED
⌊	**Cd**	**114**	**0.027**	ug/L	0.004	15	2	31	14	KED
⌈>	**In**	**115**		ug/L			1233845	1147273	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	42	36	45	10	Standard
|	**Ba**	**135**	**4.107**	ug/L	0.057	1	67	31349	2	Standard
⌊	**Ba**	**137**	**4.182**	ug/L	0.061	1	123	56715	1	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2344702	0	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.001	16	593	913	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MS4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 21:19:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	39204	2	Standard
	Cl	**37**		ug/L			6351901	6230114	0	Standard
>	**Sc**	**45**		ug/L			1373317	1255341	0	Standard
	Cr	**52**	**5.562**	ug/L	0.153	2	22922	155965	2	Standard
	Cr	**53**	**5.097**	ug/L	0.105	2	225	16525	2	Standard
	Mn	**55**	**15.941**	ug/L	0.268	1	1193	573154	1	Standard
>	**Ge**	**72**		ug/L			104285	94657	0	KED
	Ni	**60**	**5.119**	ug/L	0.058	1	39	8513	1	KED
	Ni	**62**	**5.174**	ug/L	0.120	2	5	1400	2	KED
	Cu	**63**	**5.065**	ug/L	0.075	1	99	23991	0	KED
	Cu	**65**	**5.081**	ug/L	0.031	0	43	11981	0	KED
	Zn	**66**	**16.504**	ug/L	0.476	2	252	12294	2	KED
	Zn	**67**	**16.103**	ug/L	0.801	4	36	1944	5	KED
	As	**75**	**5.143**	ug/L	0.072	1	4	1914	1	KED
	Se	**78**	**16.450**	ug/L	0.783	4	18	746	4	KED
	Y	**89**		ug/L			663496	605824	1	Standard
	Kr	**83**		ug/L			309	274	8	Standard
>	**In-1**	**115**		ug/L			27472	25736	3	KED
	Mo	**98**	**0.136**	ug/L	0.013	9	20	270	9	KED
	Cd	**111**	**5.187**	ug/L	0.215	4	4	2158	6	KED
	Cd	**114**	**5.176**	ug/L	0.225	4	2	5441	4	KED
>	**In**	**115**		ug/L			1233845	1140106	0	Standard
	Ag	**107**	**4.986**	ug/L	0.052	1	36	80586	1	Standard
	Ba	**135**	**9.149**	ug/L	0.196	2	67	69306	1	Standard
	Ba	**137**	**9.228**	ug/L	0.219	2	123	124217	1	Standard
>	**Tb**	**159**		ug/L			2424116	2350968	0	Standard
	Pb	**208**	**5.390**	ug/L	0.029	0	593	544566	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0556-MSD4
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 21:24:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	39336	1	Standard
	Cl	**37**		ug/L			6351901	6257213	1	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1241883	0	Standard
|	**Cr**	**52**	**5.670**	ug/L	0.160	2	22922	156877	1	Standard
|	**Cr**	**53**	**5.147**	ug/L	0.060	1	225	16505	0	Standard
⌊	**Mn**	**55**	**16.290**	ug/L	0.202	1	1193	579424	0	Standard
⌈>	**Ge**	**72**		ug/L			104285	94716	0	KED
|	**Ni**	**60**	**5.088**	ug/L	0.116	2	39	8467	1	KED
|	**Ni**	**62**	**5.033**	ug/L	0.157	3	5	1363	2	KED
|	**Cu**	**63**	**5.093**	ug/L	0.024	0	99	24139	0	KED
|	**Cu**	**65**	**5.071**	ug/L	0.144	2	43	11963	2	KED
|	**Zn**	**66**	**16.600**	ug/L	0.202	1	252	12372	0	KED
|	**Zn**	**67**	**16.177**	ug/L	0.511	3	36	1954	3	KED
|	**As**	**75**	**5.094**	ug/L	0.028	0	4	1897	0	KED
⌊	**Se**	**78**	**16.408**	ug/L	0.556	3	18	745	3	KED
	Y	**89**		ug/L			663496	596993	0	Standard
	Kr	**83**		ug/L			309	285	15	Standard
⌈>	**In-1**	**115**		ug/L			27472	25982	1	KED
|	**Mo**	**98**	**0.150**	ug/L	0.019	12	20	299	9	KED
|	**Cd**	**111**	**5.231**	ug/L	0.172	3	4	2196	1	KED
⌊	**Cd**	**114**	**5.375**	ug/L	0.177	3	2	5703	1	KED
⌈>	**In**	**115**		ug/L			1233845	1157054	3	Standard
|	**Ag**	**107**	**5.086**	ug/L	0.096	1	36	83384	1	Standard
|	**Ba**	**135**	**9.146**	ug/L	0.408	4	67	70251	1	Standard
⌊	**Ba**	**137**	**9.212**	ug/L	0.238	2	123	125789	0	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2352446	0	Standard
⌊	**Pb**	**208**	**5.501**	ug/L	0.071	1	593	556066	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0165-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:32:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	740583	2	Standard
	Cl	37		ug/L			6351901	6290954	1	Standard
>	Sc	45		ug/L			1373317	1228577	2	Standard
	Cr	52	7.626	ug/L	0.069	0	22922	201644	1	Standard
	Cr	53	5.736	ug/L	0.139	2	225	18169	0	Standard
	Mn	55	26.801	ug/L	0.355	1	1193	942545	3	Standard
>	Ge	72		ug/L			104285	84232	0	KED
	Ni	60	13.685	ug/L	0.353	2	39	20197	1	KED
	Ni	62	13.462	ug/L	0.138	1	5	3235	0	KED
	Cu	63	5.044	ug/L	0.032	0	99	21264	1	KED
	Cu	65	5.062	ug/L	0.040	0	43	10622	1	KED
	Zn	66	5.734	ug/L	0.027	0	252	3934	1	KED
	Zn	67	8.419	ug/L	0.303	3	36	918	3	KED
	As	75	0.280	ug/L	0.013	4	4	95	4	KED
	Se	78	0.196	ug/L	0.106	53	18	22	19	KED
	Y	89		ug/L			663496	561920	1	Standard
	Kr	83		ug/L			309	300	13	Standard
>	In-1	115		ug/L			27472	23937	0	KED
	Mo	98	2.100	ug/L	0.027	1	20	3634	1	KED
	Cd	111	0.102	ug/L	0.034	33	4	43	30	KED
	Cd	114	0.090	ug/L	0.005	5	2	90	5	KED
>	In	115		ug/L			1233845	1127231	1	Standard
	Ag	107	0.006	ug/L	0.002	41	36	123	29	Standard
	Ba	135	62.473	ug/L	0.985	1	67	467496	0	Standard
	Ba	137	62.687	ug/L	0.899	1	123	833609	0	Standard
>	Tb	159		ug/L			2424116	2382065	1	Standard
	Pb	208	0.038	ug/L	0.003	8	593	4426	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-DUP2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:37:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	758961	2	Standard
	Cl	37		ug/L			6351901	6165649	1	Standard
>	Sc	45		ug/L			1373317	1192002	1	Standard
	Cr	52	7.764	ug/L	0.150	1	22922	198879	3	Standard
	Cr	53	5.684	ug/L	0.106	1	225	17474	0	Standard
	Mn	55	27.069	ug/L	0.579	2	1193	923488	2	Standard
>	Ge	72		ug/L			104285	82182	0	KED
	Ni	60	13.536	ug/L	0.168	1	39	19493	1	KED
	Ni	62	13.466	ug/L	0.078	0	5	3157	1	KED
	Cu	63	5.136	ug/L	0.061	1	99	21120	0	KED
	Cu	65	5.106	ug/L	0.103	2	43	10452	2	KED
	Zn	66	6.080	ug/L	0.257	4	252	4057	3	KED
	Zn	67	8.273	ug/L	0.301	3	36	881	2	KED
	As	75	0.272	ug/L	0.025	9	4	91	8	KED
	Se	78	0.093	ug/L	0.059	62	18	18	11	KED
	Y	89		ug/L			663496	537767	1	Standard
	Kr	83		ug/L			309	286	11	Standard
>	In-1	115		ug/L			27472	23430	1	KED
	Mo	98	2.124	ug/L	0.053	2	20	3599	3	KED
	Cd	111	0.120	ug/L	0.010	7	4	49	7	KED
	Cd	114	0.081	ug/L	0.012	14	2	80	15	KED
>	In	115		ug/L			1233845	1095507	1	Standard
	Ag	107	0.002	ug/L	0.001	44	36	66	21	Standard
	Ba	135	63.145	ug/L	0.483	0	67	459283	0	Standard
	Ba	137	63.644	ug/L	1.165	1	123	822518	0	Standard
>	Tb	159		ug/L			2424116	2357087	1	Standard
	Pb	208	0.035	ug/L	0.001	1	593	4151	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0366-MS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:43:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			29587	524881	1	Standard
	Cl	37		ug/L			6351901	5988030	0	Standard
>	Sc	45		ug/L			1373317	1196159	0	Standard
	Cr	52	32.757	ug/L	0.191	0	22922	777651	1	Standard
	Cr	53	29.016	ug/L	0.289	0	225	88721	1	Standard
	Mn	55	53.550	ug/L	0.408	0	1193	1832370	1	Standard
>	Ge	72		ug/L			104285	81616	2	KED
	Ni	60	36.589	ug/L	0.415	1	39	52271	1	KED
	Ni	62	36.065	ug/L	0.379	1	5	8391	2	KED
	Cu	63	27.955	ug/L	0.464	1	99	113807	0	KED
	Cu	65	27.834	ug/L	0.407	1	43	56431	1	KED
	Zn	66	69.800	ug/L	1.166	1	252	44188	0	KED
	Zn	67	69.774	ug/L	0.668	0	36	7168	1	KED
	As	75	25.616	ug/L	0.667	2	4	8204	1	KED
	Se	78	72.871	ug/L	1.631	2	18	2799	0	KED
	Y	89		ug/L			663496	554949	1	Standard
	Kr	83		ug/L			309	296	1	Standard
>	In-1	115		ug/L			27472	23615	1	KED
	Mo	98	26.567	ug/L	0.658	2	20	45151	1	KED
	Cd	111	22.899	ug/L	0.333	1	4	8727	1	KED
	Cd	114	23.074	ug/L	0.383	1	2	22250	0	KED
>	In	115		ug/L			1233845	1102689	3	Standard
	Ag	107	19.001	ug/L	0.890	4	36	296614	2	Standard
	Ba	135	84.860	ug/L	2.178	2	67	620983	1	Standard
	Ba	137	84.473	ug/L	2.813	3	123	1098233	0	Standard
>	Tb	159		ug/L			2424116	2396159	1	Standard
	Pb	208	24.392	ug/L	0.207	0	593	2509492	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:50:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	40672	1	Standard
	Cl	**37**		ug/L			6351901	6247406	1	Standard
⎡>	**Sc**	**45**		ug/L			1373317	1138102	1	Standard
⎢	**Cr**	**52**	**0.036**	ug/L	0.019	51	22922	19793	0	Standard
⎢	**Cr**	**53**	**0.016**	ug/L	0.004	25	225	233	6	Standard
⎣	**Mn**	**55**	**-0.005**	ug/L	0.001	14	1193	842	1	Standard
⎡>	**Ge**	**72**		ug/L			104285	87893	1	KED
⎢	**Ni**	**60**	**-0.010**	ug/L	0.002	21	39	17	19	KED
⎢	**Ni**	**62**	**-0.002**	ug/L	0.009	538	5	4	49	KED
⎢	**Cu**	**63**	**0.003**	ug/L	0.005	155	99	97	20	KED
⎢	**Cu**	**65**	**0.004**	ug/L	0.005	128	43	45	24	KED
⎢	**Zn**	**66**	**0.083**	ug/L	0.038	46	252	269	10	KED
⎢	**Zn**	**67**	**0.041**	ug/L	0.044	105	36	35	12	KED
⎢	**As**	**75**	**-0.001**	ug/L	0.002	268	4	3	24	KED
⎣	**Se**	**78**	**0.139**	ug/L	0.082	59	18	21	14	KED
	Y	**89**		ug/L			663496	539067	0	Standard
	Kr	**83**		ug/L			309	257	10	Standard
⎡>	**In-1**	**115**		ug/L			27472	23688	1	KED
⎢	**Mo**	**98**	**-0.005**	ug/L	0.002	37	20	8	36	KED
⎢	**Cd**	**111**	**0.002**	ug/L	0.005	293	4	4	40	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.001	52	2	4	23	KED
⎡>	**In**	**115**		ug/L			1233845	1044781	2	Standard
⎢	**Ag**	**107**	**0.003**	ug/L	0.000	16	36	68	10	Standard
⎢	**Ba**	**135**	**0.004**	ug/L	0.001	34	67	81	8	Standard
⎣	**Ba**	**137**	**0.006**	ug/L	0.002	36	123	178	12	Standard
⎡>	**Tb**	**159**		ug/L			2424116	2146402	0	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	23	593	657	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 21:55:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	31281	0	Standard
	Cl	**37**		ug/L			6351901	6208524	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1184392	2	Standard
|	**Cr**	**52**	**53.959**	ug/L	1.032	1	22922	1255329	1	Standard
|	**Cr**	**53**	**48.641**	ug/L	0.449	0	225	147115	1	Standard
⌊	**Mn**	**55**	**55.314**	ug/L	1.317	2	1193	1873538	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	90699	0	KED
|	**Ni**	**60**	**47.709**	ug/L	1.052	2	39	75741	2	KED
|	**Ni**	**62**	**46.842**	ug/L	1.262	2	5	12110	2	KED
|	**Cu**	**63**	**47.477**	ug/L	0.719	1	99	214765	0	KED
|	**Cu**	**65**	**47.399**	ug/L	0.808	1	43	106770	1	KED
|	**Zn**	**66**	**48.239**	ug/L	0.717	1	252	34011	1	KED
|	**Zn**	**67**	**47.749**	ug/L	0.926	1	36	5461	1	KED
|	**As**	**75**	**48.026**	ug/L	0.958	1	4	17095	1	KED
⌊	**Se**	**78**	**47.817**	ug/L	0.251	0	18	2047	0	KED
	Y	**89**		ug/L			663496	569885	1	Standard
	Kr	**83**		ug/L			309	288	3	Standard
⌈>	**In-1**	**115**		ug/L			27472	22341	12	KED
|	**Mo**	**98**	**52.207**	ug/L	6.265	12	20	83101	1	KED
|	**Cd**	**111**	**52.085**	ug/L	5.817	11	4	18601	2	KED
⌊	**Cd**	**114**	**53.405**	ug/L	5.636	10	2	48297	2	KED
⌈>	**In**	**115**		ug/L			1233845	1048047	1	Standard
|	**Ag**	**107**	**48.094**	ug/L	1.016	2	36	714023	0	Standard
|	**Ba**	**135**	**48.003**	ug/L	1.003	2	67	333980	0	Standard
⌊	**Ba**	**137**	**48.637**	ug/L	1.385	2	123	601367	2	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2239379	1	Standard
⌊	**Pb**	**208**	**49.181**	ug/L	1.147	2	593	4727426	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:02:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			29587	28582	1	Standard
	Cl	**37**		ug/L			6351901	6167243	0	Standard
⌈>	**Sc**	**45**		ug/L			1373317	1163825	2	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.031	128	22922	19966	2	Standard
|	**Cr**	**53**	**0.011**	ug/L	0.009	77	225	223	9	Standard
⌊	**Mn**	**55**	**-0.005**	ug/L	0.001	16	1193	828	1	Standard
⌈>	**Ge**	**72**		ug/L			104285	91218	2	KED
|	**Ni**	**60**	**-0.005**	ug/L	0.004	84	39	26	25	KED
|	**Ni**	**62**	**0.008**	ug/L	0.008	108	5	6	31	KED
|	**Cu**	**63**	**0.002**	ug/L	0.003	135	99	97	12	KED
|	**Cu**	**65**	**0.002**	ug/L	0.005	201	43	43	26	KED
|	**Zn**	**66**	**0.000**	ug/L	0.031	15083	252	220	7	KED
|	**Zn**	**67**	**0.085**	ug/L	0.108	127	36	41	29	KED
|	**As**	**75**	**0.005**	ug/L	0.005	105	4	5	33	KED
⌊	**Se**	**78**	**0.031**	ug/L	0.066	214	18	17	13	KED
	Y	**89**		ug/L			663496	564122	2	Standard
	Kr	**83**		ug/L			309	259	11	Standard
⌈>	**In-1**	**115**		ug/L			27472	24723	0	KED
|	**Mo**	**98**	**0.016**	ug/L	0.004	25	20	47	15	KED
|	**Cd**	**111**	**0.006**	ug/L	0.004	68	4	6	24	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.003	1137	2	2	100	KED
⌈>	**In**	**115**		ug/L			1233845	1037949	0	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.002	42	36	83	26	Standard
|	**Ba**	**135**	**0.004**	ug/L	0.001	37	67	84	12	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.002	115	123	126	20	Standard
⌈>	**Tb**	**159**		ug/L			2424116	2173450	0	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.001	14	593	1068	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:06:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				27742	1	Standard
	Cl	**37**		ug/L				6079686	1	Standard
⌈>	**Sc**	**45**		ug/L				1159801	2	Standard
|	**Cr**	**52**		ug/L				19938	1	Standard
|	**Cr**	**53**		ug/L				235	11	Standard
⌊	**Mn**	**55**		ug/L				800	4	Standard
⌈>	**Ge**	**72**		ug/L				93175	0	KED
|	**Ni**	**60**		ug/L				25	8	KED
|	**Ni**	**62**		ug/L				6	62	KED
|	**Cu**	**63**		ug/L				88	15	KED
|	**Cu**	**65**		ug/L				42	10	KED
|	**Zn**	**66**		ug/L				248	19	KED
|	**Zn**	**67**		ug/L				33	34	KED
|	**As**	**75**		ug/L				3	28	KED
⌊	**Se**	**78**		ug/L				20	7	KED
	Y	**89**		ug/L				569901	2	Standard
	Kr	**83**		ug/L				285	4	Standard
⌈>	**In-1**	**115**		ug/L				24175	1	KED
|	**Mo**	**98**		ug/L				16	76	KED
|	**Cd**	**111**		ug/L				5	20	KED
⌊	**Cd**	**114**		ug/L				6	41	KED
⌈>	**In**	**115**		ug/L				1030192	0	Standard
|	**Ag**	**107**		ug/L				52	2	Standard
|	**Ba**	**135**		ug/L				78	8	Standard
⌊	**Ba**	**137**		ug/L				113	17	Standard
⌈>	**Tb**	**159**		ug/L				2188799	1	Standard
⌊	**Pb**	**208**		ug/L				946	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:11:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28423	1	Standard
	Cl	**37**		ug/L			6079686	6337942	1	Standard
>	**Sc**	**45**		ug/L			1159801	1206422	1	Standard
	Cr	**52**	**54.273**	ug/L	0.685	1	19938	1286961	2	Standard
	Cr	**53**	**48.622**	ug/L	0.431	0	235	149852	0	Standard
	Mn	**55**	**56.065**	ug/L	1.432	2	800	1934397	2	Standard
>	**Ge**	**72**		ug/L			93175	93729	0	KED
	Ni	**60**	**47.206**	ug/L	0.540	1	25	77437	0	KED
	Ni	**62**	**48.318**	ug/L	0.770	1	6	12909	1	KED
	Cu	**63**	**48.234**	ug/L	0.749	1	88	225485	1	KED
	Cu	**65**	**47.777**	ug/L	0.605	1	42	111228	1	KED
	Zn	**66**	**47.733**	ug/L	0.394	0	248	34807	1	KED
	Zn	**67**	**48.143**	ug/L	1.698	3	33	5690	3	KED
	As	**75**	**48.319**	ug/L	0.367	0	3	17775	0	KED
	Se	**78**	**47.770**	ug/L	0.632	1	20	2117	0	KED
	Y	**89**		ug/L			569901	585416	1	Standard
	Kr	**83**		ug/L			285	255	5	Standard
>	**In-1**	**115**		ug/L			24175	24778	1	KED
	Mo	**98**	**48.454**	ug/L	1.152	2	16	86381	0	KED
	Cd	**111**	**48.510**	ug/L	1.260	2	5	19390	1	KED
	Cd	**114**	**48.700**	ug/L	0.882	1	6	49271	0	KED
>	**In**	**115**		ug/L			1030192	1049943	1	Standard
	Ag	**107**	**49.223**	ug/L	1.008	2	52	732102	0	Standard
	Ba	**135**	**49.201**	ug/L	0.375	0	78	343067	2	Standard
	Ba	**137**	**49.181**	ug/L	0.853	1	113	609202	1	Standard
>	**Tb**	**159**		ug/L			2188799	2249716	0	Standard
	Pb	**208**	**49.282**	ug/L	0.669	1	946	4760379	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:18:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	27243	4	Standard
	Cl	**37**		ug/L			6079686	6074295	2	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1153517	1	Standard
|	**Cr**	**52**	**-0.005**	ug/L	0.016	298	19938	19708	0	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.003	68	235	221	5	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.000	24	800	852	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	90774	2	KED
|	**Ni**	**60**	**0.004**	ug/L	0.004	104	25	31	23	KED
|	**Ni**	**62**	**0.003**	ug/L	0.004	143	6	6	15	KED
|	**Cu**	**63**	**0.002**	ug/L	0.002	102	88	97	12	KED
|	**Cu**	**65**	**0.004**	ug/L	0.008	179	42	51	35	KED
|	**Zn**	**66**	**-0.003**	ug/L	0.028	918	248	240	10	KED
|	**Zn**	**67**	**-0.032**	ug/L	0.072	224	33	29	29	KED
|	**As**	**75**	**0.009**	ug/L	0.001	12	3	6	4	KED
⌊	**Se**	**78**	**0.076**	ug/L	0.145	189	20	23	26	KED
	Y	**89**		ug/L			569901	571666	2	Standard
	Kr	**83**		ug/L			285	275	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	24135	1	KED
|	**Mo**	**98**	**0.016**	ug/L	0.004	24	16	44	16	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.004	68	5	3	45	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	103	6	4	42	KED
⌈>	**In**	**115**		ug/L			1030192	1027746	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	17	52	71	3	Standard
|	**Ba**	**135**	**-0.002**	ug/L	0.001	67	78	65	13	Standard
⌊	**Ba**	**137**	**-0.000**	ug/L	0.001	424	113	110	8	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2160865	0	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	385	946	941	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0075-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:22:36
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	60732	1	Standard
	Cl	37		ug/L			6079686	6083970	0	Standard
>	Sc	45		ug/L			1159801	1176642	1	Standard
	Cr	52	0.685	ug/L	0.016	2	19938	35800	0	Standard
	Cr	53	1.290	ug/L	0.039	2	235	4109	2	Standard
	Mn	55	1.940	ug/L	0.025	1	800	66077	0	Standard
>	Ge	72		ug/L			93175	89270	0	KED
	Ni	60	0.591	ug/L	0.017	2	25	946	2	KED
	Ni	62	0.635	ug/L	0.021	3	6	167	3	KED
	Cu	63	11.597	ug/L	0.171	1	88	51697	0	KED
	Cu	65	11.623	ug/L	0.224	1	42	25802	1	KED
	Zn	66	2.413	ug/L	0.095	3	248	1901	2	KED
	Zn	67	2.384	ug/L	0.143	6	33	299	5	KED
	As	75	0.108	ug/L	0.007	6	3	41	5	KED
	Se	78	0.044	ug/L	0.061	136	20	21	11	KED
	Y	89		ug/L			569901	568103	0	Standard
	Kr	83		ug/L			285	286	13	Standard
>	In-1	115		ug/L			24175	23673	1	KED
	Mo	98	0.587	ug/L	0.035	5	16	1014	4	KED
	Cd	111	-0.003	ug/L	0.004	129	5	4	35	KED
	Cd	114	0.001	ug/L	0.004	454	6	7	55	KED
>	In	115		ug/L			1030192	1024294	1	Standard
	Ag	107	0.000	ug/L	0.001	227	52	57	20	Standard
	Ba	135	0.135	ug/L	0.001	0	78	998	1	Standard
	Ba	137	0.137	ug/L	0.003	2	113	1771	0	Standard
>	Tb	159		ug/L			2188799	2225392	0	Standard
	Pb	208	0.008	ug/L	0.001	7	946	1718	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0076-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:27:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	52233	2	Standard
	Cl	37		ug/L			6079686	6208933	0	Standard
>	Sc	45		ug/L			1159801	1200379	2	Standard
	Cr	52	27.909	ug/L	0.195	0	19938	668443	2	Standard
	Cr	53	25.396	ug/L	0.318	1	235	77984	0	Standard
	Mn	55	3.953	ug/L	0.042	1	800	136499	2	Standard
>	Ge	72		ug/L			93175	94597	0	KED
	Ni	60	136.428	ug/L	0.763	0	25	225832	0	KED
	Ni	62	136.415	ug/L	0.074	0	6	36774	0	KED
	Cu	63	113.549	ug/L	1.318	1	88	535650	1	KED
	Cu	65	112.433	ug/L	1.073	0	42	264113	0	KED
	Zn	66	628.588	ug/L	8.455	1	248	459533	1	KED
	Zn	67	595.380	ug/L	8.210	1	33	70646	1	KED
	As	75	0.136	ug/L	0.013	9	3	53	9	KED
	Se	78	4.684	ug/L	0.359	7	20	228	6	KED
	Y	89		ug/L			569901	593849	1	Standard
	Kr	83		ug/L			285	313	2	Standard
>	In-1	115		ug/L			24175	25024	1	KED
	Mo	98	0.452	ug/L	0.033	7	16	830	7	KED
	Cd	111	0.071	ug/L	0.016	22	5	34	20	KED
	Cd	114	0.070	ug/L	0.006	8	6	78	7	KED
>	In	115		ug/L			1030192	1058494	1	Standard
	Ag	107	0.011	ug/L	0.001	5	52	214	3	Standard
	Ba	135	1.434	ug/L	0.040	2	78	10156	1	Standard
	Ba	137	1.450	ug/L	0.032	2	113	18219	2	Standard
>	Tb	159		ug/L			2188799	2379587	1	Standard
	Pb	208	0.719	ug/L	0.010	1	946	74431	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0167-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:33:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	544867	1	Standard
	Cl	37		ug/L			6079686	5813996	1	Standard
>	Sc	45		ug/L			1159801	1110322	0	Standard
	Cr	52	5.098	ug/L	0.073	1	19938	128548	1	Standard
	Cr	53	3.654	ug/L	0.051	1	235	10574	1	Standard
	Mn	55	43.409	ug/L	0.346	0	800	1378759	1	Standard
>	Ge	72		ug/L			93175	79593	1	KED
	Ni	60	18.164	ug/L	0.253	1	25	25317	2	KED
	Ni	62	17.957	ug/L	0.227	1	6	4077	0	KED
	Cu	63	0.265	ug/L	0.016	6	88	1128	6	KED
	Cu	65	0.275	ug/L	0.022	7	42	579	6	KED
	Zn	66	7.156	ug/L	0.075	1	248	4611	1	KED
	Zn	67	7.728	ug/L	0.262	3	33	800	3	KED
	As	75	0.185	ug/L	0.004	2	3	60	3	KED
	Se	78	0.132	ug/L	0.055	41	20	22	8	KED
	Y	89		ug/L			569901	513056	1	Standard
	Kr	83		ug/L			285	294	5	Standard
>	In-1	115		ug/L			24175	22521	0	KED
	Mo	98	4.755	ug/L	0.078	1	16	7720	1	KED
	Cd	111	0.027	ug/L	0.001	4	5	14	3	KED
	Cd	114	0.021	ug/L	0.013	62	6	25	46	KED
>	In	115		ug/L			1030192	1015322	0	Standard
	Ag	107	-0.000	ug/L	0.001	2770	52	50	29	Standard
	Ba	135	19.781	ug/L	0.227	1	78	133418	1	Standard
	Ba	137	19.648	ug/L	0.321	1	113	235470	1	Standard
>	Tb	159		ug/L			2188799	2217033	0	Standard
	Pb	208	0.048	ug/L	0.001	2	946	5503	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:38:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	66557	2	Standard
	Cl	**37**		ug/L			6079686	6431128	2	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1346633	1	Standard
|	**Cr**	**52**	**9.641**	ug/L	0.071	0	19938	274190	0	Standard
|	**Cr**	**53**	**10.216**	ug/L	0.239	2	235	35354	1	Standard
⌊	**Mn**	**55**	**104.216**	ug/L	0.469	0	800	4013316	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	85284	1	KED
|	**Ni**	**60**	**14.324**	ug/L	0.257	1	25	21394	1	KED
|	**Ni**	**62**	**13.923**	ug/L	0.436	3	6	3388	2	KED
|	**Cu**	**63**	**5.092**	ug/L	0.034	0	88	21731	0	KED
|	**Cu**	**65**	**5.104**	ug/L	0.210	4	42	10847	4	KED
|	**Zn**	**66**	**16.326**	ug/L	0.235	1	248	10982	2	KED
|	**Zn**	**67**	**18.579**	ug/L	0.640	3	33	2017	4	KED
|	**As**	**75**	**2.593**	ug/L	0.068	2	3	870	1	KED
⌊	**Se**	**78**	**1.007**	ug/L	0.101	9	20	58	7	KED
	Y	**89**		ug/L			569901	758222	0	Standard
	Kr	**83**		ug/L			285	281	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	22954	1	KED
|	**Mo**	**98**	**1.023**	ug/L	0.016	1	16	1704	1	KED
|	**Cd**	**111**	**0.134**	ug/L	0.030	22	5	54	20	KED
⌊	**Cd**	**114**	**0.127**	ug/L	0.015	11	6	125	9	KED
⌈>	**In**	**115**		ug/L			1030192	1039506	1	Standard
|	**Ag**	**107**	**0.189**	ug/L	0.008	4	52	2836	5	Standard
|	**Ba**	**135**	**69.139**	ug/L	2.881	4	78	477054	2	Standard
⌊	**Ba**	**137**	**69.396**	ug/L	1.156	1	113	851050	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2259407	1	Standard
⌊	**Pb**	**208**	**6.828**	ug/L	0.150	2	946	663123	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-04
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:43:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	61449	1	Standard
	Cl	**37**		ug/L			6079686	6157292	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1285287	1	Standard
|	**Cr**	**52**	**4.479**	ug/L	0.140	3	19938	133397	2	Standard
|	**Cr**	**53**	**4.754**	ug/L	0.043	0	235	15845	2	Standard
⌊	**Mn**	**55**	**96.188**	ug/L	2.019	2	800	3534741	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	77682	0	KED
|	**Ni**	**60**	**3.181**	ug/L	0.032	1	25	4345	1	KED
|	**Ni**	**62**	**3.034**	ug/L	0.111	3	6	676	3	KED
|	**Cu**	**63**	**1.159**	ug/L	0.045	3	88	4562	4	KED
|	**Cu**	**65**	**1.177**	ug/L	0.023	1	42	2306	1	KED
|	**Zn**	**66**	**2.269**	ug/L	0.116	5	248	1568	3	KED
|	**Zn**	**67**	**5.540**	ug/L	0.307	5	33	567	5	KED
|	**As**	**75**	**0.655**	ug/L	0.014	2	3	202	1	KED
⌊	**Se**	**78**	**0.421**	ug/L	0.033	7	20	32	3	KED
	Y	**89**		ug/L			569901	523829	1	Standard
	Kr	**83**		ug/L			285	271	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	22002	1	KED
|	**Mo**	**98**	**0.490**	ug/L	0.040	8	16	789	6	KED
|	**Cd**	**111**	**0.028**	ug/L	0.012	42	5	14	30	KED
⌊	**Cd**	**114**	**0.028**	ug/L	0.013	45	6	31	35	KED
⌈>	**In**	**115**		ug/L			1030192	975514	1	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.001	29	52	107	15	Standard
|	**Ba**	**135**	**73.431**	ug/L	0.880	1	78	475605	0	Standard
⌊	**Ba**	**137**	**73.735**	ug/L	0.958	1	113	848609	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2165684	1	Standard
⌊	**Pb**	**208**	**3.116**	ug/L	0.023	0	946	290614	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-08
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:48:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	59045	1	Standard
	Cl	**37**		ug/L			6079686	6174242	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1311735	2	Standard
|	**Cr**	**52**	**11.876**	ug/L	0.432	3	19938	323648	2	Standard
|	**Cr**	**53**	**11.577**	ug/L	0.253	2	235	38986	0	Standard
⌊	**Mn**	**55**	**33.616**	ug/L	1.054	3	800	1261054	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	81981	0	KED
|	**Ni**	**60**	**6.161**	ug/L	0.117	1	25	8859	1	KED
|	**Ni**	**62**	**6.098**	ug/L	0.093	1	6	1429	1	KED
|	**Cu**	**63**	**1.890**	ug/L	0.044	2	88	7801	2	KED
|	**Cu**	**65**	**1.859**	ug/L	0.011	0	42	3821	0	KED
|	**Zn**	**66**	**2.770**	ug/L	0.043	1	248	1972	1	KED
|	**Zn**	**67**	**5.401**	ug/L	0.312	5	33	584	5	KED
|	**As**	**75**	**1.020**	ug/L	0.037	3	3	331	3	KED
⌊	**Se**	**78**	**1.176**	ug/L	0.147	12	20	63	8	KED
	Y	**89**		ug/L			569901	555095	0	Standard
	Kr	**83**		ug/L			285	299	1	Standard
⌈>	**In-1**	**115**		ug/L			24175	22566	0	KED
|	**Mo**	**98**	**0.570**	ug/L	0.012	2	16	941	2	KED
|	**Cd**	**111**	**0.112**	ug/L	0.016	14	5	45	12	KED
⌊	**Cd**	**114**	**0.111**	ug/L	0.015	13	6	108	12	KED
⌈>	**In**	**115**		ug/L			1030192	1039668	1	Standard
|	**Ag**	**107**	**0.073**	ug/L	0.003	4	52	1128	4	Standard
|	**Ba**	**135**	**66.415**	ug/L	1.011	1	78	458446	1	Standard
⌊	**Ba**	**137**	**66.079**	ug/L	1.538	2	113	810473	1	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2242558	1	Standard
⌊	**Pb**	**208**	**0.946**	ug/L	0.008	0	946	92014	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-11
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:52:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	53723	1	Standard
	Cl	**37**		ug/L			6079686	6404332	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1327006	1	Standard
|	**Cr**	**52**	**0.960**	ug/L	0.049	5	19938	47421	1	Standard
|	**Cr**	**53**	**1.890**	ug/L	0.027	1	235	6664	1	Standard
⌊	**Mn**	**55**	**12.565**	ug/L	0.258	2	800	477500	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	79001	0	KED
|	**Ni**	**60**	**1.237**	ug/L	0.003	0	25	1730	0	KED
|	**Ni**	**62**	**1.228**	ug/L	0.056	4	6	281	4	KED
|	**Cu**	**63**	**0.508**	ug/L	0.019	3	88	2076	3	KED
|	**Cu**	**65**	**0.497**	ug/L	0.014	2	42	1010	2	KED
|	**Zn**	**66**	**0.525**	ug/L	0.105	19	248	530	11	KED
|	**Zn**	**67**	**4.348**	ug/L	0.433	9	33	459	8	KED
|	**As**	**75**	**0.888**	ug/L	0.030	3	3	278	4	KED
⌊	**Se**	**78**	**0.079**	ug/L	0.136	171	20	20	25	KED
	Y	**89**		ug/L			569901	522024	1	Standard
	Kr	**83**		ug/L			285	237	10	Standard
⌈>	**In-1**	**115**		ug/L			24175	22431	0	KED
|	**Mo**	**98**	**0.494**	ug/L	0.028	5	16	813	5	KED
|	**Cd**	**111**	**0.022**	ug/L	0.008	35	5	13	22	KED
⌊	**Cd**	**114**	**0.021**	ug/L	0.004	18	6	25	14	KED
⌈>	**In**	**115**		ug/L			1030192	1023749	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	81	52	75	26	Standard
|	**Ba**	**135**	**96.111**	ug/L	1.555	1	78	653259	0	Standard
⌊	**Ba**	**137**	**95.657**	ug/L	0.978	1	113	1155400	1	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2198475	0	Standard
⌊	**Pb**	**208**	**0.110**	ug/L	0.004	3	946	11342	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0083-12
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 22:57:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	57478	1	Standard
	Cl	**37**		ug/L			6079686	6574952	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1355090	0	Standard
|	**Cr**	**52**	**1.184**	ug/L	0.022	1	19938	54324	0	Standard
|	**Cr**	**53**	**2.458**	ug/L	0.053	2	235	8770	1	Standard
⌊	**Mn**	**55**	**1.593**	ug/L	0.030	1	800	62660	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	85210	1	KED
|	**Ni**	**60**	**0.865**	ug/L	0.029	3	25	1312	2	KED
|	**Ni**	**62**	**0.808**	ug/L	0.075	9	6	201	8	KED
|	**Cu**	**63**	**0.745**	ug/L	0.016	2	88	3246	2	KED
|	**Cu**	**65**	**0.746**	ug/L	0.039	5	42	1618	5	KED
|	**Zn**	**66**	**0.901**	ug/L	0.068	7	248	820	5	KED
|	**Zn**	**67**	**2.861**	ug/L	0.223	7	33	336	7	KED
|	**As**	**75**	**0.969**	ug/L	0.035	3	3	326	2	KED
⌊	**Se**	**78**	**1.213**	ug/L	0.341	28	20	66	19	KED
	Y	**89**		ug/L			569901	538710	1	Standard
	Kr	**83**		ug/L			285	302	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	23744	0	KED
|	**Mo**	**98**	**0.246**	ug/L	0.015	6	16	435	6	KED
|	**Cd**	**111**	**0.048**	ug/L	0.019	40	5	23	31	KED
⌊	**Cd**	**114**	**0.040**	ug/L	0.011	26	6	45	22	KED
⌈>	**In**	**115**		ug/L			1030192	1072573	1	Standard
|	**Ag**	**107**	**0.010**	ug/L	0.001	7	52	201	4	Standard
|	**Ba**	**135**	**43.476**	ug/L	0.621	1	78	309632	0	Standard
⌊	**Ba**	**137**	**43.147**	ug/L	0.389	0	113	546041	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2318516	0	Standard
⌊	**Pb**	**208**	**0.202**	ug/L	0.001	0	946	21142	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0171-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:03:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	65872	1	Standard
	Cl	37		ug/L			6079686	17640380	2	Standard
>	Sc	45		ug/L			1159801	1284309	1	Standard
	Cr	52	2.305	ug/L	0.043	1	19938	79313	0	Standard
	Cr	53	25.048	ug/L	0.369	1	235	82301	0	Standard
	Mn	55	0.679	ug/L	0.010	1	800	25823	1	Standard
>	Ge	72		ug/L			93175	83955	0	KED
	Ni	60	0.824	ug/L	0.030	3	25	1233	4	KED
	Ni	62	0.855	ug/L	0.044	5	6	210	4	KED
	Cu	63	1.115	ug/L	0.024	2	88	4746	2	KED
	Cu	65	1.084	ug/L	0.051	4	42	2297	4	KED
	Zn	66	5.801	ug/L	0.224	3	248	3985	3	KED
	Zn	67	6.662	ug/L	0.341	5	33	731	4	KED
	As	75	8.687	ug/L	0.150	1	3	2864	1	KED
	Se	78	0.355	ug/L	0.205	57	20	32	24	KED
	Y	89		ug/L			569901	549244	1	Standard
	Kr	83		ug/L			285	321	7	Standard
>	In-1	115		ug/L			24175	22673	1	KED
	Mo	98	25.687	ug/L	0.401	1	16	41917	1	KED
	Cd	111	0.025	ug/L	0.007	29	5	14	17	KED
	Cd	114	0.028	ug/L	0.009	32	6	32	27	KED
>	In	115		ug/L			1030192	978572	1	Standard
	Ag	107	0.002	ug/L	0.001	30	52	73	10	Standard
	Ba	135	32.453	ug/L	1.024	3	78	210861	1	Standard
	Ba	137	32.522	ug/L	0.243	0	113	375545	0	Standard
>	Tb	159		ug/L			2188799	2229541	1	Standard
	Pb	208	0.047	ug/L	0.001	1	946	5436	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:10:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	33895	0	Standard
	Cl	37		ug/L			6079686	6678813	0	Standard
>	Sc	45		ug/L			1159801	1199938	0	Standard
	Cr	52	0.071	ug/L	0.012	16	19938	22277	1	Standard
	Cr	53	0.506	ug/L	0.035	6	235	1790	5	Standard
	Mn	55	0.005	ug/L	0.000	2	800	996	1	Standard
>	Ge	72		ug/L			93175	92035	3	KED
	Ni	60	0.003	ug/L	0.010	359	25	29	50	KED
	Ni	62	0.003	ug/L	0.012	403	6	6	41	KED
	Cu	63	0.005	ug/L	0.000	10	88	108	3	KED
	Cu	65	-0.003	ug/L	0.001	46	42	36	9	KED
	Zn	66	0.056	ug/L	0.026	45	248	285	6	KED
	Zn	67	0.101	ug/L	0.111	109	33	45	30	KED
	As	75	0.004	ug/L	0.002	54	3	4	11	KED
	Se	78	-0.074	ug/L	0.039	53	20	16	13	KED
	Y	89		ug/L			569901	583792	1	Standard
	Kr	83		ug/L			285	243	4	Standard
>	In-1	115		ug/L			24175	24809	2	KED
	Mo	98	-0.006	ug/L	0.002	34	16	7	46	KED
	Cd	111	-0.003	ug/L	0.005	191	5	4	44	KED
	Cd	114	-0.001	ug/L	0.006	745	6	6	94	KED
>	In	115		ug/L			1030192	1038832	0	Standard
	Ag	107	-0.001	ug/L	0.002	215	52	41	55	Standard
	Ba	135	0.005	ug/L	0.002	44	78	111	12	Standard
	Ba	137	0.005	ug/L	0.001	13	113	180	5	Standard
>	Tb	159		ug/L			2188799	2202808	1	Standard
	Pb	208	-0.002	ug/L	0.000	17	946	794	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:15:42
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28989	3	Standard
	Cl	**37**		ug/L			6079686	6482202	1	Standard
>	**Sc**	**45**		ug/L			1159801	1230875	1	Standard
	Cr	**52**	**53.627**	ug/L	0.714	1	19938	1297709	2	Standard
	Cr	**53**	**49.487**	ug/L	0.580	1	235	155598	1	Standard
	Mn	**55**	**55.733**	ug/L	1.123	2	800	1961781	0	Standard
>	**Ge**	**72**		ug/L			93175	94177	0	KED
	Ni	**60**	**47.414**	ug/L	0.246	0	25	78152	0	KED
	Ni	**62**	**47.224**	ug/L	0.407	0	6	12678	1	KED
	Cu	**63**	**47.717**	ug/L	0.432	0	88	224142	0	KED
	Cu	**65**	**47.431**	ug/L	0.850	1	42	110946	1	KED
	Zn	**66**	**48.260**	ug/L	0.339	0	248	35356	1	KED
	Zn	**67**	**47.907**	ug/L	0.257	0	33	5690	0	KED
	As	**75**	**48.047**	ug/L	0.354	0	3	17760	0	KED
	Se	**78**	**47.288**	ug/L	1.001	2	20	2106	2	KED
	Y	**89**		ug/L			569901	597997	2	Standard
	Kr	**83**		ug/L			285	302	18	Standard
>	**In-1**	**115**		ug/L			24175	25089	0	KED
	Mo	**98**	**48.184**	ug/L	0.853	1	16	87001	1	KED
	Cd	**111**	**48.976**	ug/L	0.371	0	5	19828	1	KED
	Cd	**114**	**48.959**	ug/L	0.528	1	6	50164	0	KED
>	**In**	**115**		ug/L			1030192	1076570	1	Standard
	Ag	**107**	**47.928**	ug/L	0.966	2	52	731018	1	Standard
	Ba	**135**	**48.651**	ug/L	1.289	2	78	347725	1	Standard
	Ba	**137**	**48.858**	ug/L	1.007	2	113	620537	0	Standard
>	**Tb**	**159**		ug/L			2188799	2309841	1	Standard
	Pb	**208**	**49.663**	ug/L	0.413	0	946	4925171	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:22:46
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	27453	3	Standard
	Cl	**37**		ug/L			6079686	6270248	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1194272	0	Standard
|	**Cr**	**52**	**-0.019**	ug/L	0.008	44	19938	20090	0	Standard
|	**Cr**	**53**	**0.205**	ug/L	0.021	10	235	866	7	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	22	800	950	2	Standard
⌈>	**Ge**	**72**		ug/L			93175	93756	2	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.005	185	25	21	35	KED
|	**Ni**	**62**	**-0.000**	ug/L	0.005	4987	6	6	17	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.002	155	88	83	9	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.003	146	42	37	23	KED
|	**Zn**	**66**	**0.006**	ug/L	0.011	190	248	253	2	KED
|	**Zn**	**67**	**0.073**	ug/L	0.081	111	33	42	24	KED
|	**As**	**75**	**0.004**	ug/L	0.003	60	3	4	20	KED
⌊	**Se**	**78**	**0.071**	ug/L	0.105	146	20	23	18	KED
	Y	**89**		ug/L			569901	587423	0	Standard
	Kr	**83**		ug/L			285	302	5	Standard
⌈>	**In-1**	**115**		ug/L			24175	24661	1	KED
|	**Mo**	**98**	**0.026**	ug/L	0.006	24	16	62	19	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.006	3177	5	5	44	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.001	54	6	8	12	KED
⌈>	**In**	**115**		ug/L			1030192	1048031	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	20	52	61	1	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.004	816	78	83	35	Standard
⌊	**Ba**	**137**	**0.002**	ug/L	0.000	12	113	140	2	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2223029	1	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.000	10	946	1293	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0130-33
Sample Dil Factor: 2
Comments:
Sample Date/Time: Monday, July 19, 2021 23:27:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	48341	0	Standard
	Cl	**37**		ug/L			6079686	6068522	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1214855	0	Standard
|	**Cr**	**52**	**0.284**	ug/L	0.016	5	19938	27544	1	Standard
|	**Cr**	**53**	**0.480**	ug/L	0.012	2	235	1735	1	Standard
⌊	**Mn**	**55**	**2.315**	ug/L	0.031	1	800	81240	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	93457	0	KED
|	**Ni**	**60**	**1.019**	ug/L	0.026	2	25	1691	1	KED
|	**Ni**	**62**	**0.907**	ug/L	0.160	17	6	247	16	KED
|	**Cu**	**63**	**0.520**	ug/L	0.012	2	88	2513	1	KED
|	**Cu**	**65**	**0.516**	ug/L	0.021	4	42	1240	4	KED
|	**Zn**	**66**	**11.346**	ug/L	0.326	2	248	8438	2	KED
|	**Zn**	**67**	**11.562**	ug/L	0.208	1	33	1388	2	KED
|	**As**	**75**	**0.549**	ug/L	0.048	8	3	204	8	KED
⌊	**Se**	**78**	**0.057**	ug/L	0.137	240	20	22	26	KED
	Y	**89**		ug/L			569901	581131	1	Standard
	Kr	**83**		ug/L			285	293	9	Standard
⌈>	**In-1**	**115**		ug/L			24175	24729	2	KED
|	**Mo**	**98**	**0.340**	ug/L	0.013	3	16	621	1	KED
|	**Cd**	**111**	**0.343**	ug/L	0.027	7	5	142	6	KED
⌊	**Cd**	**114**	**0.301**	ug/L	0.037	12	6	311	14	KED
⌈>	**In**	**115**		ug/L			1030192	1066813	3	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	1313	52	54	17	Standard
|	**Ba**	**135**	**13.634**	ug/L	0.432	3	78	96575	0	Standard
⌊	**Ba**	**137**	**13.624**	ug/L	0.455	3	113	171451	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2299541	0	Standard
⌊	**Pb**	**208**	**0.078**	ug/L	0.002	3	946	8726	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0096-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:31:24
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27742	60022	1	Standard
Cl	37		ug/L			6079686	6695328	1	Standard
> Sc	45		ug/L			1159801	1509576	1	Standard
Cr	52	**0.920**	ug/L	0.022	2	19938	52789	0	Standard
Cr	53	**2.695**	ug/L	0.047	1	235	10679	0	Standard
Mn	55	**99.868**	ug/L	1.927	1	800	4310515	0	Standard
> Ge	72		ug/L			93175	87496	1	KED
Ni	60	**1.006**	ug/L	0.021	2	25	1563	3	KED
Ni	62	**0.914**	ug/L	0.093	10	6	233	8	KED
Cu	63	**5.976**	ug/L	0.029	0	88	26155	1	KED
Cu	65	**6.031**	ug/L	0.020	0	42	13141	0	KED
Zn	66	**20.952**	ug/L	0.527	2	248	14390	1	KED
Zn	67	**20.721**	ug/L	0.776	3	33	2304	4	KED
As	75	**0.466**	ug/L	0.036	7	3	163	6	KED
Se	78	**0.035**	ug/L	0.044	124	20	20	7	KED
Y	89		ug/L			569901	596867	1	Standard
Kr	83		ug/L			285	262	3	Standard
> In-1	115		ug/L			24175	20873	19	KED
Mo	98	**0.174**	ug/L	0.028	16	16	270	8	KED
Cd	111	**0.213**	ug/L	0.055	25	5	73	3	KED
Cd	114	**0.204**	ug/L	0.026	12	6	177	18	KED
> In	115		ug/L			1030192	995879	0	Standard
Ag	107	**0.004**	ug/L	0.001	23	52	112	13	Standard
Ba	135	**4.969**	ug/L	0.148	2	78	32928	2	Standard
Ba	137	**4.987**	ug/L	0.082	1	113	58697	1	Standard
> Tb	159		ug/L			2188799	2199614	1	Standard
Pb	208	**1.045**	ug/L	0.030	2	946	99566	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0096-01
Sample Dil Factor: 5
Comments:
Sample Date/Time: Monday, July 19, 2021 23:36:07

DEL

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	42233	2	Standard
	Cl	**37**		ug/L			6079686	6209434	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1319740	0	Standard
|	**Cr**	**52**	**0.072**	ug/L	0.004	6	19938	24529	0	Standard
|	**Cr**	**53**	**0.519**	ug/L	0.018	3	235	2016	3	Standard
⌊	**Mn**	**55**	**177.597**	ug/L	0.413	0	800	6701866	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	94828	1	KED
|	**Ni**	**60**	**0.132**	ug/L	0.008	6	25	245	6	KED
|	**Ni**	**62**	**0.152**	ug/L	0.027	17	6	47	16	KED
|	**Cu**	**63**	**1.275**	ug/L	0.028	2	88	6118	1	KED
|	**Cu**	**65**	**1.292**	ug/L	0.049	3	42	3086	3	KED
|	**Zn**	**66**	**1.077**	ug/L	0.042	3	248	1041	2	KED
|	**Zn**	**67**	**1.095**	ug/L	0.069	6	33	164	4	KED
|	**As**	**75**	**0.048**	ug/L	0.007	15	3	21	12	KED
⌊	**Se**	**78**	**-0.061**	ug/L	0.079	129	20	18	18	KED
	Y	**89**		ug/L			569901	621672	1	Standard
	Kr	**83**		ug/L			285	325	4	Standard
⌈>	**In-1**	**115**		ug/L			24175	25608	1	KED
|	**Mo**	**98**	**0.013**	ug/L	0.005	42	16	41	25	KED
|	**Cd**	**111**	**-0.007**	ug/L	0.002	33	5	2	33	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.002	1425	6	7	27	KED
⌈>	**In**	**115**		ug/L			1030192	1074098	1	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.001	237	52	46	38	Standard
|	**Ba**	**135**	**1.009**	ug/L	0.019	1	78	7272	0	Standard
⌊	**Ba**	**137**	**1.016**	ug/L	0.016	1	113	12995	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2320332	0	Standard
⌊	**Pb**	**208**	**0.058**	ug/L	0.002	3	946	6739	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0109-01
Sample Dil Factor: 10
Comments:
Sample Date/Time: Monday, July 19, 2021 23:40:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	157290	2	Standard
	Cl	37		ug/L			6079686	6498005	2	Standard
>	Sc	45		ug/L			1159801	1233435	1	Standard
	Cr	52	12.378	ug/L	0.048	0	19938	316408	1	Standard
	Cr	53	11.251	ug/L	0.028	0	235	35645	1	Standard
	Mn	55	202.874	ug/L	1.085	0	800	7154638	1	Standard
>	Ge	72		ug/L			93175	93784	1	KED
	Ni	60	1.013	ug/L	0.007	0	25	1687	1	KED
	Ni	62	1.043	ug/L	0.017	1	6	285	2	KED
	Cu	63	0.338	ug/L	0.025	7	88	1671	6	KED
	Cu	65	0.363	ug/L	0.046	12	42	888	12	KED
	Zn	66	12.671	ug/L	0.324	2	248	9426	1	KED
	Zn	67	12.202	ug/L	0.130	1	33	1468	1	KED
	As	75	0.071	ug/L	0.009	12	3	29	9	KED
	Se	78	-0.030	ug/L	0.023	77	20	19	4	KED
	Y	89		ug/L			569901	607083	1	Standard
	Kr	83		ug/L			285	314	6	Standard
>	In-1	115		ug/L			24175	25143	1	KED
	Mo	98	0.184	ug/L	0.011	6	16	350	6	KED
	Cd	111	0.048	ug/L	0.011	23	5	25	19	KED
	Cd	114	0.050	ug/L	0.006	11	6	58	11	KED
>	In	115		ug/L			1030192	1083296	1	Standard
	Ag	107	0.003	ug/L	0.002	45	52	107	23	Standard
	Ba	135	10.544	ug/L	0.364	3	78	75911	3	Standard
	Ba	137	10.679	ug/L	0.114	1	113	136606	2	Standard
>	Tb	159		ug/L			2188799	2308794	1	Standard
	Pb	208	0.137	ug/L	0.001	0	946	14527	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0110-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, July 19, 2021 23:45:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	95069	1	Standard
	Cl	37		ug/L			6079686	6373648	0	Standard
>	Sc	45		ug/L			1159801	1221892	0	Standard
	Cr	52	86.943	ug/L	0.270	0	19938	2075258	0	Standard
	Cr	53	86.506	ug/L	0.770	0	235	269854	1	Standard
	Mn	55	55.405	ug/L	2.776	5	800	1935902	4	Standard
>	Ge	72		ug/L			93175	96720	0	KED
	Ni	60	0.906	ug/L	0.015	1	25	1559	2	KED
	Ni	62	0.911	ug/L	0.133	14	6	257	14	KED
	Cu	63	2.082	ug/L	0.029	1	88	10131	0	KED
	Cu	65	2.127	ug/L	0.029	1	42	5152	1	KED
	Zn	66	76.602	ug/L	1.854	2	248	57479	1	KED
	Zn	67	73.397	ug/L	0.783	1	33	8935	1	KED
	As	75	0.491	ug/L	0.021	4	3	189	3	KED
	Se	78	-0.041	ug/L	0.075	183	20	19	17	KED
	Y	89		ug/L			569901	614058	1	Standard
	Kr	83		ug/L			285	285	6	Standard
>	In-1	115		ug/L			24175	25682	0	KED
	Mo	98	0.338	ug/L	0.015	4	16	642	3	KED
	Cd	111	0.292	ug/L	0.042	14	5	126	14	KED
	Cd	114	0.291	ug/L	0.031	10	6	312	10	KED
>	In	115		ug/L			1030192	1086668	2	Standard
	Ag	107	0.031	ug/L	0.001	3	52	530	5	Standard
	Ba	135	4.410	ug/L	0.142	3	78	31878	1	Standard
	Ba	137	4.415	ug/L	0.143	3	113	56689	0	Standard
>	Tb	159		ug/L			2188799	2310087	0	Standard
	Pb	208	0.409	ug/L	0.008	2	946	41583	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21G0121-12
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:50:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	68259	1	Standard
	Cl	37		ug/L			6079686	8176658	1	Standard
>	Sc	45		ug/L			1159801	1434120	1	Standard
	Cr	52	1.453	ug/L	0.055	3	19938	64932	1	Standard
	Cr	53	6.067	ug/L	0.087	1	235	22480	1	Standard
	Mn	55	1867.708	ug/L	19.334	1	800	76573084	0	Standard
>	Ge	72		ug/L			93175	89909	1	KED
	Ni	60	0.495	ug/L	0.029	5	25	803	4	KED
	Ni	62	0.529	ug/L	0.021	3	6	141	4	KED
	Cu	63	0.498	ug/L	0.012	2	88	2318	2	KED
	Cu	65	0.489	ug/L	0.006	1	42	1133	2	KED
	Zn	66	4.186	ug/L	0.083	1	248	3147	3	KED
	Zn	67	5.340	ug/L	0.153	2	33	634	2	KED
	As	75	1.620	ug/L	0.081	4	3	574	3	KED
	Se	78	0.133	ug/L	0.156	117	20	25	24	KED
	Y	89		ug/L			569901	623232	1	Standard
	Kr	83		ug/L			285	322	8	Standard
>	In-1	115		ug/L			24175	24014	1	KED
	Mo	98	0.551	ug/L	0.029	5	16	967	3	KED
	Cd	111	0.001	ug/L	0.004	465	5	5	28	KED
	Cd	114	0.003	ug/L	0.004	126	6	9	41	KED
>	In	115		ug/L			1030192	1001842	2	Standard
	Ag	107	0.005	ug/L	0.002	37	52	115	18	Standard
	Ba	135	28.412	ug/L	0.960	3	78	188934	0	Standard
	Ba	137	28.552	ug/L	1.056	3	113	337341	1	Standard
>	Tb	159		ug/L			2188799	2239217	0	Standard
	Pb	208	0.095	ug/L	0.002	1	946	10123	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:54:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	68234	0	Standard
	Cl	37		ug/L			6079686	7991197	1	Standard
>	Sc	45		ug/L			1159801	1372124	11	Standard
	Cr	52	1.599	ug/L	0.284	17	19938	65470	1	Standard
	Cr	53	5.858	ug/L	0.655	11	235	20610	0	Standard
	Mn	55	1982.415	ug/L	205.128	10	800	77174492	1	Standard
>	Ge	72		ug/L			93175	90250	1	KED
	Ni	60	0.496	ug/L	0.014	2	25	807	4	KED
	Ni	62	0.504	ug/L	0.092	18	6	135	18	KED
	Cu	63	0.466	ug/L	0.014	2	88	2181	3	KED
	Cu	65	0.453	ug/L	0.024	5	42	1056	4	KED
	Zn	66	3.618	ug/L	0.139	3	248	2762	2	KED
	Zn	67	4.859	ug/L	0.256	5	33	582	4	KED
	As	75	1.591	ug/L	0.017	1	3	566	2	KED
	Se	78	0.166	ug/L	0.150	90	20	26	25	KED
	Y	89		ug/L			569901	583071	11	Standard
	Kr	83		ug/L			285	317	7	Standard
>	In-1	115		ug/L			24175	23788	1	KED
	Mo	98	0.565	ug/L	0.034	5	16	982	4	KED
	Cd	111	0.001	ug/L	0.010	975	5	5	66	KED
	Cd	114	-0.001	ug/L	0.006	591	6	5	94	KED
>	In	115		ug/L			1030192	936719	14	Standard
	Ag	107	0.005	ug/L	0.002	33	52	113	10	Standard
	Ba	135	31.115	ug/L	4.427	14	78	190900	2	Standard
	Ba	137	31.114	ug/L	5.065	16	113	338471	0	Standard
>	Tb	159		ug/L			2188799	2115027	9	Standard
	Pb	208	0.106	ug/L	0.013	12	946	10440	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, July 19, 2021 23:59:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27742	67894	2	Standard
Cl	37		ug/L			6079686	7969357	0	Standard
> Sc	45		ug/L			1159801	1451222	0	Standard
Cr	52	22.782	ug/L	0.208	0	19938	664248	0	Standard
Cr	53	23.893	ug/L	0.244	1	235	88732	0	Standard
Mn	55	1860.281	ug/L	23.467	1	800	77183446	1	Standard
> Ge	72		ug/L			93175	83005	1	KED
Ni	60	23.434	ug/L	0.438	1	25	34048	0	KED
Ni	62	23.621	ug/L	0.799	3	6	5589	1	KED
Cu	63	22.871	ug/L	0.399	1	88	94711	0	KED
Cu	65	23.102	ug/L	0.321	1	42	47640	0	KED
Zn	66	69.398	ug/L	2.090	3	248	44699	1	KED
Zn	67	66.299	ug/L	1.590	2	33	6929	2	KED
As	75	24.286	ug/L	0.225	0	3	7913	2	KED
Se	78	62.814	ug/L	0.329	0	20	2460	1	KED
Y	89		ug/L			569901	625351	1	Standard
Kr	83		ug/L			285	342	2	Standard
> In-1	115		ug/L			24175	23784	1	KED
Mo	98	0.563	ug/L	0.016	2	16	979	1	KED
Cd	111	21.932	ug/L	0.626	2	5	8417	1	KED
Cd	114	22.120	ug/L	0.661	2	6	21483	1	KED
> In	115		ug/L			1030192	1002116	1	Standard
Ag	107	21.830	ug/L	0.445	2	52	309936	1	Standard
Ba	135	51.180	ug/L	1.827	3	78	340425	1	Standard
Ba	137	51.768	ug/L	1.796	3	113	611870	1	Standard
> Tb	159		ug/L			2188799	2250394	0	Standard
Pb	208	23.395	ug/L	0.283	1	946	2261088	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJG0423-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:04:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	69988	2	Standard
	Cl	37		ug/L			6079686	7982432	2	Standard
>	Sc	45		ug/L			1159801	1485592	0	Standard
	Cr	52	22.626	ug/L	0.521	2	19938	675498	2	Standard
	Cr	53	23.874	ug/L	0.263	1	235	90761	0	Standard
	Mn	55	1827.670	ug/L	34.705	1	800	77624544	1	Standard
>	Ge	72		ug/L			93175	83967	1	KED
	Ni	60	23.494	ug/L	0.173	0	25	34537	1	KED
	Ni	62	23.349	ug/L	0.163	0	6	5591	0	KED
	Cu	63	23.359	ug/L	0.432	1	88	97866	2	KED
	Cu	65	23.372	ug/L	0.202	0	42	48761	0	KED
	Zn	66	69.292	ug/L	1.288	1	248	45157	1	KED
	Zn	67	68.068	ug/L	0.479	0	33	7196	1	KED
	As	75	24.589	ug/L	0.207	0	3	8104	1	KED
	Se	78	63.427	ug/L	1.207	1	20	2513	2	KED
	Y	89		ug/L			569901	626502	1	Standard
	Kr	83		ug/L			285	365	6	Standard
>	In-1	115		ug/L			24175	23774	2	KED
	Mo	98	0.562	ug/L	0.019	3	16	978	2	KED
	Cd	111	22.521	ug/L	0.718	3	5	8637	0	KED
	Cd	114	22.416	ug/L	0.389	1	6	21764	2	KED
>	In	115		ug/L			1030192	1018392	0	Standard
	Ag	107	22.192	ug/L	0.280	1	52	320235	0	Standard
	Ba	135	51.962	ug/L	0.718	1	78	351381	1	Standard
	Ba	137	51.350	ug/L	0.437	0	113	617035	0	Standard
>	Tb	159		ug/L			2188799	2273447	1	Standard
	Pb	208	23.761	ug/L	0.087	0	946	2319947	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:11:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	32365	0	Standard
	Cl	**37**		ug/L			6079686	5685000	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1247365	1	Standard
|	**Cr**	**52**	**0.080**	ug/L	0.006	7	19938	23367	1	Standard
|	**Cr**	**53**	**0.295**	ug/L	0.019	6	235	1190	5	Standard
⌊	**Mn**	**55**	**0.063**	ug/L	0.004	5	800	3113	2	Standard
⌈>	**Ge**	**72**		ug/L			93175	87162	1	KED
|	**Ni**	**60**	**0.002**	ug/L	0.003	133	25	27	17	KED
|	**Ni**	**62**	**0.007**	ug/L	0.020	304	6	7	66	KED
|	**Cu**	**63**	**0.000**	ug/L	0.002	1063	88	83	8	KED
|	**Cu**	**65**	**0.002**	ug/L	0.004	204	42	43	17	KED
|	**Zn**	**66**	**0.006**	ug/L	0.047	815	248	236	13	KED
|	**Zn**	**67**	**0.101**	ug/L	0.022	21	33	42	6	KED
|	**As**	**75**	**0.005**	ug/L	0.007	138	3	4	49	KED
⌊	**Se**	**78**	**0.010**	ug/L	0.078	779	20	19	16	KED
	Y	**89**		ug/L			569901	618095	1	Standard
	Kr	**83**		ug/L			285	281	11	Standard
⌈>	**In-1**	**115**		ug/L			24175	24529	1	KED
|	**Mo**	**98**	**-0.003**	ug/L	0.001	42	16	11	18	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.004	115	5	4	35	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.003	116	6	4	71	KED
⌈>	**In**	**115**		ug/L			1030192	1060884	0	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.001	81	52	41	23	Standard
|	**Ba**	**135**	**0.005**	ug/L	0.005	104	78	113	30	Standard
⌊	**Ba**	**137**	**0.006**	ug/L	0.002	27	113	186	10	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2296840	0	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.001	23	946	751	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:15:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	29568	2	Standard
	Cl	**37**		ug/L			6079686	6208590	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1253725	1	Standard
|	**Cr**	**52**	**54.587**	ug/L	0.862	1	19938	1344755	0	Standard
|	**Cr**	**53**	**49.295**	ug/L	0.628	1	235	157870	0	Standard
⌊	**Mn**	**55**	**50.952**	ug/L	0.987	1	800	1826916	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	90837	0	KED
|	**Ni**	**60**	**49.037**	ug/L	0.592	1	25	77964	2	KED
|	**Ni**	**62**	**48.779**	ug/L	0.451	0	6	12631	1	KED
|	**Cu**	**63**	**49.726**	ug/L	0.517	1	88	225298	1	KED
|	**Cu**	**65**	**50.004**	ug/L	0.462	0	42	112815	0	KED
|	**Zn**	**66**	**48.543**	ug/L	0.290	0	248	34299	0	KED
|	**Zn**	**67**	**49.212**	ug/L	0.642	1	33	5637	1	KED
|	**As**	**75**	**48.846**	ug/L	0.182	0	3	17414	0	KED
⌊	**Se**	**78**	**46.622**	ug/L	0.623	1	20	2003	2	KED
	Y	**89**		ug/L			569901	633182	1	Standard
	Kr	**83**		ug/L			285	292	5	Standard
⌈>	**In-1**	**115**		ug/L			24175	25276	1	KED
|	**Mo**	**98**	**48.511**	ug/L	0.607	1	16	88237	0	KED
|	**Cd**	**111**	**49.798**	ug/L	0.560	1	5	20309	1	KED
⌊	**Cd**	**114**	**49.085**	ug/L	0.395	0	6	50665	0	KED
⌈>	**In**	**115**		ug/L			1030192	1088858	1	Standard
|	**Ag**	**107**	**48.027**	ug/L	0.285	0	52	740974	1	Standard
|	**Ba**	**135**	**48.818**	ug/L	0.556	1	78	352969	1	Standard
⌊	**Ba**	**137**	**48.835**	ug/L	0.709	1	113	627355	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2324442	1	Standard
⌊	**Pb**	**208**	**48.312**	ug/L	0.545	1	946	4821527	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:21:32
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28439	2	Standard
	Cl	**37**		ug/L			6079686	5956898	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1251140	0	Standard
|	**Cr**	**52**	**-0.021**	ug/L	0.012	56	19938	20992	0	Standard
|	**Cr**	**53**	**0.123**	ug/L	0.007	5	235	646	4	Standard
⌊	**Mn**	**55**	**0.038**	ug/L	0.005	13	800	2216	7	Standard
⌈>	**Ge**	**72**		ug/L			93175	89448	0	KED
|	**Ni**	**60**	**0.001**	ug/L	0.007	497	25	26	42	KED
|	**Ni**	**62**	**-0.006**	ug/L	0.004	65	6	4	24	KED
|	**Cu**	**63**	**0.003**	ug/L	0.006	181	88	99	25	KED
|	**Cu**	**65**	**0.002**	ug/L	0.006	294	42	45	27	KED
|	**Zn**	**66**	**-0.007**	ug/L	0.044	659	248	233	12	KED
|	**Zn**	**67**	**0.040**	ug/L	0.067	166	33	36	20	KED
|	**As**	**75**	**0.006**	ug/L	0.001	23	3	5	9	KED
⌊	**Se**	**78**	**-0.031**	ug/L	0.168	538	20	18	37	KED
	Y	**89**		ug/L			569901	612926	0	Standard
	Kr	**83**		ug/L			285	295	4	Standard
⌈>	**In-1**	**115**		ug/L			24175	25341	2	KED
|	**Mo**	**98**	**0.008**	ug/L	0.005	58	16	31	27	KED
|	**Cd**	**111**	**0.003**	ug/L	0.007	258	5	6	37	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	267	6	6	46	KED
⌈>	**In**	**115**		ug/L			1030192	1038506	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	47	52	67	11	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.001	141	78	82	6	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.003	346	113	126	33	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2230773	0	Standard
⌊	**Pb**	**208**	**0.002**	ug/L	0.001	33	946	1178	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-24
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:25:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	51105	0	Standard
	Cl	**37**		ug/L			6079686	5945774	1	Standard
>	**Sc**	**45**		ug/L			1159801	1251474	1	Standard
	Cr	**52**	**0.327**	ug/L	0.013	3	19938	29431	1	Standard
	Cr	**53**	**0.356**	ug/L	0.010	2	235	1391	1	Standard
	Mn	**55**	**0.091**	ug/L	0.002	1	800	4125	2	Standard
>	**Ge**	**72**		ug/L			93175	90764	3	KED
	Ni	**60**	**0.069**	ug/L	0.011	16	25	135	15	KED
	Ni	**62**	**0.040**	ug/L	0.017	42	6	16	24	KED
	Cu	**63**	**0.036**	ug/L	0.002	4	88	250	1	KED
	Cu	**65**	**0.045**	ug/L	0.006	13	42	142	6	KED
	Zn	**66**	**0.612**	ug/L	0.026	4	248	671	4	KED
	Zn	**67**	**0.637**	ug/L	0.198	31	33	104	17	KED
	As	**75**	**0.009**	ug/L	0.003	37	3	6	15	KED
	Se	**78**	**-0.069**	ug/L	0.044	64	20	16	7	KED
	Y	**89**		ug/L			569901	623267	0	Standard
	Kr	**83**		ug/L			285	281	7	Standard
>	**In-1**	**115**		ug/L			24175	23019	10	KED
	Mo	**98**	**0.015**	ug/L	0.013	90	16	39	49	KED
	Cd	**111**	**-0.001**	ug/L	0.008	1341	5	4	60	KED
	Cd	**114**	**-0.003**	ug/L	0.002	67	6	3	65	KED
>	**In**	**115**		ug/L			1030192	1064788	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.001	151	52	43	33	Standard
	Ba	**135**	**0.031**	ug/L	0.001	4	78	297	4	Standard
	Ba	**137**	**0.032**	ug/L	0.001	2	113	515	3	Standard
>	**Tb**	**159**		ug/L			2188799	2279105	1	Standard
	Pb	**208**	**0.001**	ug/L	0.000	32	946	1074	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-30
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:28:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	45835	1	Standard
	Cl	37		ug/L			6079686	5880715	0	Standard
>	Sc	45		ug/L			1159801	1241954	2	Standard
	Cr	52	0.427	ug/L	0.021	4	19938	31597	1	Standard
	Cr	53	0.446	ug/L	0.019	4	235	1664	1	Standard
	Mn	55	0.076	ug/L	0.004	4	800	3551	1	Standard
>	Ge	72		ug/L			93175	90480	2	KED
	Ni	60	0.015	ug/L	0.004	25	25	47	10	KED
	Ni	62	0.001	ug/L	0.009	1127	6	6	34	KED
	Cu	63	0.030	ug/L	0.003	10	88	221	4	KED
	Cu	65	0.043	ug/L	0.007	16	42	138	10	KED
	Zn	66	0.107	ug/L	0.042	39	248	315	7	KED
	Zn	67	0.159	ug/L	0.071	44	33	50	17	KED
	As	75	0.001	ug/L	0.001	122	3	3	15	KED
	Se	78	-0.120	ug/L	0.021	17	20	14	3	KED
	Y	89		ug/L			569901	621966	1	Standard
	Kr	83		ug/L			285	273	15	Standard
>	In-1	115		ug/L			24175	25175	0	KED
	Mo	98	0.013	ug/L	0.008	62	16	40	35	KED
	Cd	111	-0.003	ug/L	0.004	120	5	4	32	KED
	Cd	114	-0.002	ug/L	0.007	405	6	5	134	KED
>	In	115		ug/L			1030192	1059375	0	Standard
	Ag	107	-0.001	ug/L	0.001	51	52	36	23	Standard
	Ba	135	0.006	ug/L	0.000	8	78	121	3	Standard
	Ba	137	0.008	ug/L	0.001	12	113	215	5	Standard
>	Tb	159		ug/L			2188799	2279043	1	Standard
	Pb	208	-0.003	ug/L	0.000	15	946	704	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-43
Sample Dil Factor: 20
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:32:15
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	38017	2	Standard
	Cl	**37**		ug/L			6079686	5758059	1	Standard
>	**Sc**	**45**		ug/L			1159801	1241272	1	Standard
	Cr	**52**	**-0.077**	ug/L	0.028	36	19938	19479	2	Standard
	Cr	**53**	**0.106**	ug/L	0.005	4	235	586	2	Standard
	Mn	**55**	**69.338**	ug/L	1.527	2	800	2461110	1	Standard
>	**Ge**	**72**		ug/L			93175	91281	2	KED
	Ni	**60**	**0.735**	ug/L	0.058	7	25	1199	7	KED
	Ni	**62**	**0.800**	ug/L	0.091	11	6	214	13	KED
	Cu	**63**	**1.779**	ug/L	0.065	3	88	8180	1	KED
	Cu	**65**	**1.786**	ug/L	0.015	0	42	4088	1	KED
	Zn	**66**	**21.565**	ug/L	0.605	2	248	15443	2	KED
	Zn	**67**	**19.750**	ug/L	1.028	5	33	2291	3	KED
	As	**75**	**0.009**	ug/L	0.004	50	3	6	24	KED
	Se	**78**	**-0.062**	ug/L	0.029	46	20	17	5	KED
	Y	**89**		ug/L			569901	622470	1	Standard
	Kr	**83**		ug/L			285	276	5	Standard
>	**In-1**	**115**		ug/L			24175	25655	1	KED
	Mo	**98**	**0.001**	ug/L	0.002	198	16	19	22	KED
	Cd	**111**	**0.136**	ug/L	0.002	1	5	61		KED
	Cd	**114**	**0.114**	ug/L	0.019	16	6	125	14	KED
>	**In**	**115**		ug/L			1030192	1082692	1	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	14	52	43	2	Standard
	Ba	**135**	**0.537**	ug/L	0.008	1	78	3942	0	Standard
	Ba	**137**	**0.554**	ug/L	0.010	1	113	7190	1	Standard
>	**Tb**	**159**		ug/L			2188799	2310064	1	Standard
	Pb	**208**	**0.005**	ug/L	0.001	9	946	1523	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:35:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	51847	1	Standard
	Cl	37		ug/L			6079686	5758467	1	Standard
>	Sc	45		ug/L			1159801	1297478	1	Standard
	Cr	52	0.248	ug/L	0.009	3	19938	28518	0	Standard
	Cr	53	0.324	ug/L	0.011	3	235	1335	3	Standard
	Mn	55	0.081	ug/L	0.002	2	800	3902	2	Standard
>	Ge	72		ug/L			93175	92030	0	KED
	Ni	60	0.047	ug/L	0.007	15	25	100	10	KED
	Ni	62	0.051	ug/L	0.031	60	6	19	40	KED
	Cu	63	0.319	ug/L	0.014	4	88	1549	4	KED
	Cu	65	0.334	ug/L	0.018	5	42	805	5	KED
	Zn	66	1.365	ug/L	0.060	4	248	1215	2	KED
	Zn	67	1.572	ug/L	0.077	4	33	214	4	KED
	As	75	0.030	ug/L	0.005	14	3	14	12	KED
	Se	78	-0.042	ug/L	0.089	211	20	18	21	KED
	Y	89		ug/L			569901	630521	1	Standard
	Kr	83		ug/L			285	275	3	Standard
>	In-1	115		ug/L			24175	25672	1	KED
	Mo	98	0.791	ug/L	0.053	6	16	1479	7	KED
	Cd	111	0.014	ug/L	0.003	18	5	11	8	KED
	Cd	114	0.006	ug/L	0.007	110	6	13	52	KED
>	In	115		ug/L			1030192	1116347	1	Standard
	Ag	107	-0.002	ug/L	0.000	19	52	31	14	Standard
	Ba	135	4.447	ug/L	0.066	1	78	33044	2	Standard
	Ba	137	4.514	ug/L	0.070	1	113	59559	0	Standard
>	Tb	159		ug/L			2188799	2319562	1	Standard
	Pb	208	-0.002	ug/L	0.000	8	946	792	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-02
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:39:23
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	54487	0	Standard
	Cl	37		ug/L			6079686	5724409	1	Standard
>	Sc	45		ug/L			1159801	1245391	2	Standard
	Cr	52	0.254	ug/L	0.042	16	19938	27503	1	Standard
	Cr	53	0.339	ug/L	0.001	0	235	1331	2	Standard
	Mn	55	0.420	ug/L	0.013	3	800	15816	0	Standard
>	Ge	72		ug/L			93175	91056	1	KED
	Ni	60	0.297	ug/L	0.007	2	25	498	1	KED
	Ni	62	0.326	ug/L	0.017	5	6	90	5	KED
	Cu	63	1.469	ug/L	0.032	2	88	6757	2	KED
	Cu	65	1.516	ug/L	0.012	0	42	3468	0	KED
	Zn	66	3.345	ug/L	0.165	4	248	2594	3	KED
	Zn	67	3.535	ug/L	0.380	10	33	436	9	KED
	As	75	0.171	ug/L	0.021	12	3	64	12	KED
	Se	78	0.042	ug/L	0.100	236	20	21	19	KED
	Y	89		ug/L			569901	604675	1	Standard
	Kr	83		ug/L			285	290	7	Standard
>	In-1	115		ug/L			24175	25401	1	KED
	Mo	98	0.444	ug/L	0.004	0	16	828	0	KED
	Cd	111	0.032	ug/L	0.008	26	5	18	19	KED
	Cd	114	0.028	ug/L	0.002	8	6	36	8	KED
>	In	115		ug/L			1030192	1075562	1	Standard
	Ag	107	-0.001	ug/L	0.001	63	52	33	37	Standard
	Ba	135	3.565	ug/L	0.044	1	78	25536	1	Standard
	Ba	137	3.577	ug/L	0.092	2	113	45498	2	Standard
>	Tb	159		ug/L			2188799	2264580	1	Standard
	Pb	208	0.018	ug/L	0.001	3	946	2760	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-03
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:43:21
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27742	53883	1	Standard
Cl	37		ug/L			6079686	5803702	1	Standard
Sc	45		ug/L			1159801	1255653	1	Standard
Cr	52	0.197	ug/L	0.012	6	19938	26373	0	Standard
Cr	53	0.296	ug/L	0.004	1	235	1201	0	Standard
Mn	55	0.289	ug/L	0.004	1	800	11259	2	Standard
Ge	72		ug/L			93175	89352	1	KED
Ni	60	0.125	ug/L	0.012	9	25	220	6	KED
Ni	62	0.133	ug/L	0.015	11	6	40	9	KED
Cu	63	1.337	ug/L	0.021	1	88	6041	0	KED
Cu	65	1.339	ug/L	0.059	4	42	3009	2	KED
Zn	66	2.687	ug/L	0.099	3	248	2092	2	KED
Zn	67	2.630	ug/L	0.089	3	33	326	4	KED
As	75	0.141	ug/L	0.014	9	3	52	10	KED
Se	78	0.003	ug/L	0.097	3810	20	19	19	KED
Y	89		ug/L			569901	591573	1	Standard
Kr	83		ug/L			285	289	15	Standard
In-1	115		ug/L			24175	24773	1	KED
Mo	98	0.431	ug/L	0.024	5	16	786	6	KED
Cd	111	0.022	ug/L	0.014	63	5	14	40	KED
Cd	114	0.022	ug/L	0.006	26	6	29	19	KED
In	115		ug/L			1030192	1085068	1	Standard
Ag	107	-0.001	ug/L	0.000	56	52	44	13	Standard
Ba	135	3.487	ug/L	0.059	1	78	25198	0	Standard
Ba	137	3.547	ug/L	0.066	1	113	45514	0	Standard
Tb	159		ug/L			2188799	2246768	0	Standard
Pb	208	0.007	ug/L	0.001	10	946	1634	3	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0181-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:48:19
Number of Replicates: 3

MB 7/19/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	79895	2	Standard
	Cl	37		ug/L			6079686	5877842	1	Standard
>	Sc	45		ug/L			1159801	1193648	1	Standard
	Cr	52	15.876	ug/L	0.087	0	19938	386954	1	Standard
	Cr	53	14.658	ug/L	0.212	1	235	44860	0	Standard
	Mn	55	11.855	ug/L	0.173	1	800	405331	1	Standard
>	Ge	72		ug/L			93175	75318	0	KED
	Ni	60	4.046	ug/L	0.070	1	25	5352	2	KED
	Ni	62	4.216	ug/L	0.035	0	6	909	1	KED
	Cu	63	19.846	ug/L	0.289	1	88	74595	1	KED
	Cu	65	20.049	ug/L	0.086	0	42	37526	0	KED
	Zn	66	9.168	ug/L	0.248	2	248	5533	1	KED
	Zn	67	8.481	ug/L	0.408	4	33	827	4	KED
	As	75	0.093	ug/L	0.028	30	3	30	27	KED
	Se	78	0.178	ug/L	0.091	50	20	22	14	KED
	Y	89		ug/L			569901	540026	1	Standard
	Kr	83		ug/L			285	281	11	Standard
>	In-1	115		ug/L			24175	22736	2	KED
	Mo	98	8.158	ug/L	0.154	1	16	13359	1	KED
	Cd	111	0.015	ug/L	0.005	34	5	10	15	KED
	Cd	114	0.003	ug/L	0.004	137	6	9	42	KED
>	In	115		ug/L			1030192	1054456	0	Standard
	Ag	107	-0.001	ug/L	0.000	25	52	36	10	Standard
	Ba	135	0.709	ug/L	0.005	0	78	5040	1	Standard
	Ba	137	0.736	ug/L	0.017	2	113	9274	1	Standard
>	Tb	159		ug/L			2188799	2246953	1	Standard
	Pb	208	0.004	ug/L	0.001	16	946	1357	5	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0181-02
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:52:17
Number of Replicates: 3

MB 7/19/21

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	71180	1	Standard
	Cl	37		ug/L			6079686	5926122	2	Standard
>	Sc	45		ug/L			1159801	1196721	1	Standard
	Cr	52	27.409	ug/L	0.183	0	19938	654809	0	Standard
	Cr	53	25.095	ug/L	0.180	0	235	76836	0	Standard
	Mn	55	8.195	ug/L	0.044	0	800	281194	1	Standard
>	Ge	72		ug/L			93175	78105	1	KED
	Ni	60	3.152	ug/L	0.034	1	25	4327	0	KED
	Ni	62	3.216	ug/L	0.224	6	6	721	7	KED
	Cu	63	15.176	ug/L	0.206	1	88	59163	0	KED
	Cu	65	15.237	ug/L	0.223	1	42	29579	0	KED
	Zn	66	9.269	ug/L	0.034	0	248	5799	1	KED
	Zn	67	8.650	ug/L	0.320	3	33	875	5	KED
	As	75	0.067	ug/L	0.009	13	3	23	12	KED
	Se	78	0.007	ug/L	0.086	1278	20	17	16	KED
	Y	89		ug/L			569901	540486	0	Standard
	Kr	83		ug/L			285	283	5	Standard
>	In-1	115		ug/L			24175	22604	2	KED
	Mo	98	7.674	ug/L	0.103	1	16	12496	1	KED
	Cd	111	0.009	ug/L	0.012	134	5	8	52	KED
	Cd	114	0.013	ug/L	0.006	44	6	17	26	KED
>	In	115		ug/L			1030192	1057916	0	Standard
	Ag	107	-0.001	ug/L	0.000	39	52	36	18	Standard
	Ba	135	0.691	ug/L	0.007	0	78	4933	0	Standard
	Ba	137	0.697	ug/L	0.015	2	113	8818	2	Standard
>	Tb	159		ug/L			2188799	2269953	0	Standard
	Pb	208	0.006	ug/L	0.000	4	946	1531	1	Standard

21G

ICP-MS Quantitative Analysis - Summary Report

Sample ID: ~~21F~~0181-03
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 00:57:15

MB 7/19/21

Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	64904	3	Standard
	Cl	37		ug/L			6079686	5864477	2	Standard
>	Sc	45		ug/L			1159801	1198838	1	Standard
	Cr	52	20.511	ug/L	0.212	1	19938	496030	1	Standard
	Cr	53	18.691	ug/L	0.346	1	235	57384	1	Standard
	Mn	55	5.567	ug/L	0.153	2	800	191558	0	Standard
>	Ge	72		ug/L			93175	75104	0	KED
	Ni	60	1.738	ug/L	0.061	3	25	2303	3	KED
	Ni	62	1.777	ug/L	0.060	3	6	385	3	KED
	Cu	63	8.248	ug/L	0.102	1	88	30956	1	KED
	Cu	65	8.243	ug/L	0.084	1	42	15404	1	KED
	Zn	66	6.575	ug/L	0.156	2	248	4013	1	KED
	Zn	67	6.224	ug/L	0.481	7	33	613	7	KED
	As	75	0.068	ug/L	0.016	23	3	22	21	KED
	Se	78	0.098	ug/L	0.011	11	20	19	2	KED
	Y	89		ug/L			569901	541508	0	Standard
	Kr	83		ug/L			285	273	3	Standard
>	In-1	115		ug/L			24175	22392	0	KED
	Mo	98	7.415	ug/L	0.040	0	16	11961	0	KED
	Cd	111	0.012	ug/L	0.013	111	5	9	51	KED
	Cd	114	0.010	ug/L	0.009	84	6	15	49	KED
>	In	115		ug/L			1030192	1055036	0	Standard
	Ag	107	-0.002	ug/L	0.001	43	52	23	53	Standard
	Ba	135	0.639	ug/L	0.010	1	78	4558	1	Standard
	Ba	137	0.649	ug/L	0.012	1	113	8199	2	Standard
>	Tb	159		ug/L			2188799	2293899	0	Standard
	Pb	208	0.199	ug/L	0.002	0	946	20547	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:04:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	34726	1	Standard
	Cl	**37**		ug/L			6079686	6472923	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1246405	0	Standard
|	**Cr**	**52**	**0.100**	ug/L	0.013	13	19938	23838	0	Standard
|	**Cr**	**53**	**0.040**	ug/L	0.004	10	235	379	3	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.001	9	800	1173	2	Standard
⌈>	**Ge**	**72**		ug/L			93175	86130	1	KED
|	**Ni**	**60**	**-0.001**	ug/L	0.004	288	25	21	28	KED
|	**Ni**	**62**	**0.007**	ug/L	0.020	286	6	7	66	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.003	996	88	80	16	KED
|	**Cu**	**65**	**0.005**	ug/L	0.001	24	42	50	4	KED
|	**Zn**	**66**	**0.057**	ug/L	0.035	60	248	267	10	KED
|	**Zn**	**67**	**0.081**	ug/L	0.139	171	33	40	38	KED
|	**As**	**75**	**0.002**	ug/L	0.006	379	3	3	58	KED
⌊	**Se**	**78**	**-0.092**	ug/L	0.066	71	20	15	16	KED
	Y	**89**		ug/L			569901	589854	0	Standard
	Kr	**83**		ug/L			285	273	5	Standard
⌈>	**In-1**	**115**		ug/L			24175	24438	1	KED
|	**Mo**	**98**	**-0.006**	ug/L	0.002	24	16	5	45	KED
|	**Cd**	**111**	**-0.003**	ug/L	0.010	287	5	4	93	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.002	141	6	5	38	KED
⌈>	**In**	**115**		ug/L			1030192	1109546	1	Standard
|	**Ag**	**107**	**-0.002**	ug/L	0.000	25	52	29	22	Standard
|	**Ba**	**135**	**0.001**	ug/L	0.000	39	78	90	1	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	31	113	168	8	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2287464	1	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	2	946	673	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:08:13
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	30160	1	Standard
	Cl	**37**		ug/L			6079686	6232882	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1227771	1	Standard
|	**Cr**	**52**	**54.764**	ug/L	0.764	1	19938	1321167	0	Standard
|	**Cr**	**53**	**49.242**	ug/L	1.020	2	235	154430	1	Standard
⌊	**Mn**	**55**	**54.755**	ug/L	2.528	4	800	1922930	4	Standard
⌈>	**Ge**	**72**		ug/L			93175	85378	1	KED
|	**Ni**	**60**	**48.475**	ug/L	1.043	2	25	72435	2	KED
|	**Ni**	**62**	**48.223**	ug/L	1.217	2	6	11736	2	KED
|	**Cu**	**63**	**49.778**	ug/L	0.347	0	88	211968	0	KED
|	**Cu**	**65**	**49.400**	ug/L	0.700	1	42	104765	2	KED
|	**Zn**	**66**	**48.271**	ug/L	0.423	0	248	32058	0	KED
|	**Zn**	**67**	**48.346**	ug/L	1.331	2	33	5205	2	KED
|	**As**	**75**	**48.469**	ug/L	0.246	0	3	16241	0	KED
⌊	**Se**	**78**	**45.456**	ug/L	1.477	3	20	1836	3	KED
	Y	**89**		ug/L			569901	588881	2	Standard
	Kr	**83**		ug/L			285	309	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	25442	0	KED
|	**Mo**	**98**	**47.066**	ug/L	0.616	1	16	86173	0	KED
|	**Cd**	**111**	**48.466**	ug/L	0.263	0	5	19896	0	KED
⌊	**Cd**	**114**	**48.404**	ug/L	0.705	1	6	50290	0	KED
⌈>	**In**	**115**		ug/L			1030192	1138438	0	Standard
|	**Ag**	**107**	**47.186**	ug/L	0.861	1	52	761134	1	Standard
|	**Ba**	**135**	**46.404**	ug/L	1.099	2	78	350781	1	Standard
⌊	**Ba**	**137**	**46.740**	ug/L	0.792	1	113	627854	1	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2338560	0	Standard
⌊	**Pb**	**208**	**50.027**	ug/L	0.472	0	946	5023474	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:14:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28965	1	Standard
	Cl	**37**		ug/L			6079686	6239432	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1231269	0	Standard
|	**Cr**	**52**	**-0.052**	ug/L	0.019	35	19938	19930	2	Standard
|	**Cr**	**53**	**0.024**	ug/L	0.004	15	235	324	3	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.000	3	800	1047	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	86786	0	KED
|	**Ni**	**60**	**0.006**	ug/L	0.006	100	25	33	28	KED
|	**Ni**	**62**	**0.020**	ug/L	0.016	79	6	10	36	KED
|	**Cu**	**63**	**0.003**	ug/L	0.004	148	88	93	17	KED
|	**Cu**	**65**	**0.008**	ug/L	0.002	22	42	57	6	KED
|	**Zn**	**66**	**-0.005**	ug/L	0.061	1280	248	227	17	KED
|	**Zn**	**67**	**0.039**	ug/L	0.017	44	33	35	6	KED
|	**As**	**75**	**0.009**	ug/L	0.006	67	3	6	32	KED
⌊	**Se**	**78**	**-0.063**	ug/L	0.069	108	20	16	16	KED
	Y	**89**		ug/L			569901	583686	1	Standard
	Kr	**83**		ug/L			285	270	15	Standard
⌈>	**In-1**	**115**		ug/L			24175	25280	1	KED
|	**Mo**	**98**	**0.010**	ug/L	0.003	27	16	34	15	KED
|	**Cd**	**111**	**-0.005**	ug/L	0.001	28	5	3	15	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.000	2	6	3	4	KED
⌈>	**In**	**115**		ug/L			1030192	1122245	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	23	52	76	5	Standard
|	**Ba**	**135**	**-0.001**	ug/L	0.001	239	78	81	12	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.001	72	113	133	7	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2310641	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	44	946	1120	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-04
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:18:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	52741	1	Standard
	Cl	37		ug/L			6079686	6053009	1	Standard
>	Sc	45		ug/L			1159801	1264951	1	Standard
	Cr	52	0.176	ug/L	0.017	9	19938	26049	2	Standard
	Cr	53	0.268	ug/L	0.017	6	235	1121	5	Standard
	Mn	55	17.843	ug/L	0.192	1	800	646193	2	Standard
>	Ge	72		ug/L			93175	87630	1	KED
	Ni	60	0.842	ug/L	0.056	6	25	1315	6	KED
	Ni	62	0.795	ug/L	0.104	13	6	204	12	KED
	Cu	63	1.732	ug/L	0.096	5	88	7648	4	KED
	Cu	65	1.763	ug/L	0.032	1	42	3875	2	KED
	Zn	66	20.914	ug/L	0.284	1	248	14388	0	KED
	Zn	67	20.111	ug/L	0.475	2	33	2241	3	KED
	As	75	0.059	ug/L	0.006	9	3	23	7	KED
	Se	78	-0.055	ug/L	0.077	139	20	16	19	KED
	Y	89		ug/L			569901	599680	2	Standard
	Kr	83		ug/L			285	293	6	Standard
>	In-1	115		ug/L			24175	25280	0	KED
	Mo	98	0.251	ug/L	0.024	9	16	474	9	KED
	Cd	111	0.194	ug/L	0.024	12	5	84	11	KED
	Cd	114	0.197	ug/L	0.034	17	6	210	16	KED
>	In	115		ug/L			1030192	1142328	0	Standard
	Ag	107	-0.000	ug/L	0.001	304	52	53	25	Standard
	Ba	135	8.841	ug/L	0.141	1	78	67133	1	Standard
	Ba	137	8.962	ug/L	0.017	0	113	120897	0	Standard
>	Tb	159		ug/L			2188799	2332109	0	Standard
	Pb	208	0.004	ug/L	0.001	16	946	1429	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-05
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:21:40
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	57123	1	Standard
	Cl	**37**		ug/L			6079686	5976141	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1268773	1	Standard
|	**Cr**	**52**	**0.154**	ug/L	0.033	21	19938	25575	1	Standard
|	**Cr**	**53**	**0.323**	ug/L	0.006	1	235	1304	2	Standard
⌊	**Mn**	**55**	**18.983**	ug/L	0.334	1	800	689333	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	86046	1	KED
|	**Ni**	**60**	**1.953**	ug/L	0.053	2	25	2963	2	KED
|	**Ni**	**62**	**2.167**	ug/L	0.254	11	6	536	10	KED
|	**Cu**	**63**	**0.513**	ug/L	0.024	4	88	2280	4	KED
|	**Cu**	**65**	**0.507**	ug/L	0.031	6	42	1121	4	KED
|	**Zn**	**66**	**24.235**	ug/L	0.080	0	248	16336	1	KED
|	**Zn**	**67**	**24.003**	ug/L	0.574	2	33	2620	2	KED
|	**As**	**75**	**0.193**	ug/L	0.015	7	3	68	6	KED
⌊	**Se**	**78**	**-0.108**	ug/L	0.094	87	20	14	25	KED
	Y	**89**		ug/L			569901	580128	1	Standard
	Kr	**83**		ug/L			285	283	5	Standard
⌈>	**In-1**	**115**		ug/L			24175	24751	1	KED
|	**Mo**	**98**	**0.046**	ug/L	0.010	22	16	99	18	KED
|	**Cd**	**111**	**0.286**	ug/L	0.013	4	5	119	2	KED
⌊	**Cd**	**114**	**0.276**	ug/L	0.006	2	6	285	0	KED
⌈>	**In**	**115**		ug/L			1030192	1129093	2	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.001	82	52	46	18	Standard
|	**Ba**	**135**	**22.020**	ug/L	0.570	2	78	165092	1	Standard
⌊	**Ba**	**137**	**22.056**	ug/L	0.581	2	113	293831	1	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2344640	1	Standard
⌊	**Pb**	**208**	**0.019**	ug/L	0.001	3	946	2921	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-08
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:25:14
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	51553	0	Standard
	Cl	**37**		ug/L			6079686	6003319	0	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1259903	1	Standard
|	**Cr**	**52**	**0.049**	ug/L	0.011	22	19938	22851	0	Standard
|	**Cr**	**53**	**0.170**	ug/L	0.005	3	235	801	1	Standard
⌊	**Mn**	**55**	**99.217**	ug/L	1.484	1	800	3574278	0	Standard
⌈>	**Ge**	**72**		ug/L			93175	84503	1	KED
|	**Ni**	**60**	**2.421**	ug/L	0.046	1	25	3603	3	KED
|	**Ni**	**62**	**2.269**	ug/L	0.137	6	6	552	7	KED
|	**Cu**	**63**	**3.615**	ug/L	0.011	0	88	15312	1	KED
|	**Cu**	**65**	**3.567**	ug/L	0.057	1	42	7521	0	KED
|	**Zn**	**66**	**50.615**	ug/L	1.587	3	248	33253	1	KED
|	**Zn**	**67**	**47.504**	ug/L	0.350	0	33	5063	0	KED
|	**As**	**75**	**0.013**	ug/L	0.010	77	3	7	44	KED
⌊	**Se**	**78**	**-0.010**	ug/L	0.096	960	20	18	20	KED
	Y	**89**		ug/L			569901	580051	1	Standard
	Kr	**83**		ug/L			285	276	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	24519	1	KED
|	**Mo**	**98**	**0.023**	ug/L	0.011	49	16	56	35	KED
|	**Cd**	**111**	**0.692**	ug/L	0.043	6	5	279	5	KED
⌊	**Cd**	**114**	**0.656**	ug/L	0.032	4	6	663	5	KED
⌈>	**In**	**115**		ug/L			1030192	1140348	1	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	12	52	43	4	Standard
|	**Ba**	**135**	**12.558**	ug/L	0.130	1	78	95157	0	Standard
⌊	**Ba**	**137**	**12.545**	ug/L	0.124	0	113	168891	0	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2305399	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	51	946	1091	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-10
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:28:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	52760	3	Standard
	Cl	37		ug/L			6079686	5865176	2	Standard
>	Sc	45		ug/L			1159801	1185349	2	Standard
	Cr	52	0.132	ug/L	0.013	9	19938	23400	1	Standard
	Cr	53	0.197	ug/L	0.010	5	235	835	3	Standard
	Mn	55	184.890	ug/L	4.350	2	800	6264634	0	Standard
>	Ge	72		ug/L			93175	77456	0	KED
	Ni	60	0.137	ug/L	0.028	20	25	206	18	KED
	Ni	62	0.134	ug/L	0.027	20	6	34	16	KED
	Cu	63	0.096	ug/L	0.002	1	88	445	1	KED
	Cu	65	0.092	ug/L	0.013	13	42	212	10	KED
	Zn	66	0.090	ug/L	0.029	32	248	260	7	KED
	Zn	67	0.837	ug/L	0.175	20	33	109	14	KED
	As	75	1.317	ug/L	0.047	3	3	403	3	KED
	Se	78	-0.108	ug/L	0.055	50	20	13	15	KED
	Y	89		ug/L			569901	525112	0	Standard
	Kr	83		ug/L			285	291	6	Standard
>	In-1	115		ug/L			24175	22856	0	KED
	Mo	98	0.788	ug/L	0.035	4	16	1311	4	KED
	Cd	111	0.002	ug/L	0.014	820	5	5	88	KED
	Cd	114	-0.003	ug/L	0.001	41	6	3	27	KED
>	In	115		ug/L			1030192	1027578	2	Standard
	Ag	107	0.004	ug/L	0.000	7	52	106	5	Standard
	Ba	135	15.781	ug/L	0.336	2	78	107708	2	Standard
	Ba	137	15.819	ug/L	0.359	2	113	191811	0	Standard
>	Tb	159		ug/L			2188799	2216071	1	Standard
	Pb	208	0.007	ug/L	0.001	12	946	1612	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-11
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:32:22
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	47989	0	Standard
	Cl	**37**		ug/L			6079686	4562809	2	Standard
>	**Sc**	**45**		ug/L			1159801	870143	2	Standard
	Cr	**52**	**0.611**	ug/L	0.014	2	19938	25230	1	Standard
	Cr	**53**	**0.641**	ug/L	0.016	2	235	1599	1	Standard
	Mn	**55**	**2841.410**	ug/L	55.153	1	800	70708700	4	Standard
>	**Ge**	**72**		ug/L			93175	61580	0	KED
	Ni	**60**	**0.545**	ug/L	0.007	1	25	603	0	KED
	Ni	**62**	**0.548**	ug/L	0.148	27	6	100	25	KED
	Cu	**63**	**0.542**	ug/L	0.008	1	88	1722	1	KED
	Cu	**65**	**0.561**	ug/L	0.026	4	42	885	5	KED
	Zn	**66**	**52.488**	ug/L	0.965	1	248	25128	1	KED
	Zn	**67**	**50.929**	ug/L	1.730	3	33	3953	2	KED
	As	**75**	**0.026**	ug/L	0.008	32	3	8	22	KED
	Se	**78**	**0.159**	ug/L	0.065	40	20	18	9	KED
	Y	**89**		ug/L			569901	403008	2	Standard
	Kr	**83**		ug/L			285	321	5	Standard
>	**In-1**	**115**		ug/L			24175	19299	0	KED
	Mo	**98**	**0.243**	ug/L	0.016	6	16	350	7	KED
	Cd	**111**	**0.156**	ug/L	0.023	14	5	53	13	KED
	Cd	**114**	**0.172**	ug/L	0.047	27	6	140	25	KED
>	**In**	**115**		ug/L			1030192	827400	4	Standard
	Ag	**107**	**0.037**	ug/L	0.002	5	52	480	1	Standard
	Ba	**135**	**8.959**	ug/L	0.265	2	78	49234	1	Standard
	Ba	**137**	**9.015**	ug/L	0.190	2	113	88034	2	Standard
>	**Tb**	**159**		ug/L			2188799	1920887	1	Standard
	Pb	**208**	**0.018**	ug/L	0.001	6	946	2320	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-09
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:35:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	59908	4	Standard
	Cl	**37**		ug/L			6079686	5813073	2	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1225602	3	Standard
|	**Cr**	**52**	**0.288**	ug/L	0.025	8	19938	27894	1	Standard
|	**Cr**	**53**	**0.361**	ug/L	0.012	3	235	1375	3	Standard
⌊	**Mn**	**55**	**52.914**	ug/L	0.384	0	800	1854692	2	Standard
⌈>	**Ge**	**72**		ug/L			93175	81808	1	KED
|	**Ni**	**60**	**0.483**	ug/L	0.015	3	25	713	4	KED
|	**Ni**	**62**	**0.488**	ug/L	0.045	9	6	119	9	KED
|	**Cu**	**63**	**3.637**	ug/L	0.043	1	88	14910	1	KED
|	**Cu**	**65**	**3.688**	ug/L	0.040	1	42	7529	2	KED
|	**Zn**	**66**	**19.423**	ug/L	0.487	2	248	12492	3	KED
|	**Zn**	**67**	**19.287**	ug/L	0.791	4	33	2007	3	KED
|	**As**	**75**	**0.399**	ug/L	0.022	5	3	130	7	KED
⌊	**Se**	**78**	**0.025**	ug/L	0.060	242	20	18	13	KED
	Y	**89**		ug/L			569901	563657	3	Standard
	Kr	**83**		ug/L			285	283	7	Standard
⌈>	**In-1**	**115**		ug/L			24175	24739	2	KED
|	**Mo**	**98**	**0.324**	ug/L	0.021	6	16	593	5	KED
|	**Cd**	**111**	**0.144**	ug/L	0.013	9	5	62	8	KED
⌊	**Cd**	**114**	**0.142**	ug/L	0.008	5	6	150	4	KED
⌈>	**In**	**115**		ug/L			1030192	1144713	3	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.001	1937	52	57	17	Standard
|	**Ba**	**135**	**8.107**	ug/L	0.128	1	78	61675	1	Standard
⌊	**Ba**	**137**	**8.065**	ug/L	0.081	0	113	109029	2	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2324835	2	Standard
⌊	**Pb**	**208**	**0.073**	ug/L	0.002	3	946	8333	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:39:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	57381	0	Standard
	Cl	37		ug/L			6079686	5577619	1	Standard
>	Sc	45		ug/L			1159801	1167589	2	Standard
	Cr	52	0.318	ug/L	0.007	2	19938	27244	1	Standard
	Cr	53	0.362	ug/L	0.011	3	235	1315	1	Standard
	Mn	55	54.640	ug/L	0.614	1	800	1824548	1	Standard
>	Ge	72		ug/L			93175	80344	1	KED
	Ni	60	0.521	ug/L	0.026	5	25	754	5	KED
	Ni	62	0.475	ug/L	0.115	24	6	114	24	KED
	Cu	63	3.811	ug/L	0.063	1	88	15339	0	KED
	Cu	65	3.851	ug/L	0.029	0	42	7718	1	KED
	Zn	66	20.179	ug/L	0.100	0	248	12735	1	KED
	Zn	67	19.272	ug/L	1.052	5	33	1970	6	KED
	As	75	0.441	ug/L	0.022	5	3	141	4	KED
	Se	78	-0.006	ug/L	0.116	2110	20	17	25	KED
	Y	89		ug/L			569901	538863	1	Standard
	Kr	83		ug/L			285	292	12	Standard
>	In-1	115		ug/L			24175	23306	1	KED
	Mo	98	0.352	ug/L	0.019	5	16	606	4	KED
	Cd	111	0.125	ug/L	0.018	14	5	52	12	KED
	Cd	114	0.144	ug/L	0.015	10	6	143	8	KED
>	In	115		ug/L			1030192	1073528	1	Standard
	Ag	107	-0.000	ug/L	0.001	169	52	47	22	Standard
	Ba	135	8.594	ug/L	0.156	1	78	61317	0	Standard
	Ba	137	8.707	ug/L	0.302	3	113	110350	1	Standard
>	Tb	159		ug/L			2188799	2226870	1	Standard
	Pb	208	0.073	ug/L	0.002	2	946	7931	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:43:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	55435	1	Standard
	Cl	37		ug/L			6079686	5692091	1	Standard
>	Sc	45		ug/L			1159801	1140026	2	Standard
	Cr	52	27.212	ug/L	0.542	1	19938	619302	0	Standard
	Cr	53	24.480	ug/L	0.144	0	235	71409	2	Standard
	Mn	55	73.221	ug/L	0.637	0	800	2386971	1	Standard
>	Ge	72		ug/L			93175	78131	1	KED
	Ni	60	25.234	ug/L	0.485	1	25	34519	2	KED
	Ni	62	24.908	ug/L	0.297	1	6	5550	1	KED
	Cu	63	28.402	ug/L	0.555	1	88	110701	1	KED
	Cu	65	28.349	ug/L	0.114	0	42	55031	1	KED
	Zn	66	94.927	ug/L	1.205	1	248	57490	0	KED
	Zn	67	91.853	ug/L	1.800	1	33	9025	1	KED
	As	75	24.910	ug/L	0.306	1	3	7639	0	KED
	Se	78	70.883	ug/L	1.077	1	20	2611	2	KED
	Y	89		ug/L			569901	533630	1	Standard
	Kr	83		ug/L			285	262	3	Standard
>	In-1	115		ug/L			24175	22545	0	KED
	Mo	98	0.358	ug/L	0.013	3	16	596	4	KED
	Cd	111	25.412	ug/L	0.260	1	5	9246	0	KED
	Cd	114	25.380	ug/L	0.188	0	6	23370	0	KED
>	In	115		ug/L			1030192	1016878	1	Standard
	Ag	107	23.669	ug/L	0.055	0	52	341058	1	Standard
	Ba	135	32.613	ug/L	0.270	0	78	220228	0	Standard
	Ba	137	33.148	ug/L	0.528	1	113	397733	1	Standard
>	Tb	159		ug/L			2188799	2179154	0	Standard
	Pb	208	26.082	ug/L	0.213	0	946	2440881	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0848-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:48:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	52982	2	Standard
	Cl	37		ug/L			6079686	5737919	0	Standard
>	Sc	45		ug/L			1159801	1167911	0	Standard
	Cr	52	26.872	ug/L	0.321	1	19938	626911	0	Standard
	Cr	53	24.256	ug/L	0.088	0	235	72489	0	Standard
	Mn	55	71.747	ug/L	0.736	1	800	2396341	0	Standard
>	Ge	72		ug/L			93175	78531	0	KED
	Ni	60	24.811	ug/L	0.327	1	25	34109	0	KED
	Ni	62	24.620	ug/L	0.232	0	6	5514	0	KED
	Cu	63	27.803	ug/L	0.541	1	88	108925	1	KED
	Cu	65	28.301	ug/L	0.217	0	42	55215	0	KED
	Zn	66	94.096	ug/L	2.281	2	248	57281	2	KED
	Zn	67	89.543	ug/L	1.322	1	33	8844	0	KED
	As	75	24.682	ug/L	0.161	0	3	7609	0	KED
	Se	78	69.828	ug/L	1.039	1	20	2585	1	KED
	Y	89		ug/L			569901	552023	0	Standard
	Kr	83		ug/L			285	271	6	Standard
>	In-1	115		ug/L			24175	22892	1	KED
	Mo	98	0.350	ug/L	0.011	3	16	591	1	KED
	Cd	111	25.198	ug/L	0.541	2	5	9308	1	KED
	Cd	114	24.890	ug/L	0.190	0	6	23274	1	KED
>	In	115		ug/L			1030192	1017794	0	Standard
	Ag	107	23.770	ug/L	0.193	0	52	342815	0	Standard
	Ba	135	32.956	ug/L	0.141	0	78	222767	0	Standard
	Ba	137	33.238	ug/L	0.492	1	113	399192	1	Standard
>	Tb	159		ug/L			2188799	2177392	1	Standard
	Pb	208	25.907	ug/L	0.196	0	946	2422510	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:55:49
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	31668	1	Standard
	Cl	**37**		ug/L			6079686	5838011	1	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1126840	1	Standard
|	**Cr**	**52**	**-0.025**	ug/L	0.019	76	19938	18829	2	Standard
|	**Cr**	**53**	**0.006**	ug/L	0.005	82	235	246	6	Standard
⌊	**Mn**	**55**	**0.009**	ug/L	0.001	14	800	1067	3	Standard
⌈>	**Ge**	**72**		ug/L			93175	79262	1	KED
|	**Ni**	**60**	**-0.001**	ug/L	0.004	488	25	20	28	KED
|	**Ni**	**62**	**0.010**	ug/L	0.008	82	6	7	25	KED
|	**Cu**	**63**	**0.000**	ug/L	0.002	1925	88	76	13	KED
|	**Cu**	**65**	**0.008**	ug/L	0.003	34	42	51	11	KED
|	**Zn**	**66**	**0.025**	ug/L	0.045	176	248	226	11	KED
|	**Zn**	**67**	**0.076**	ug/L	0.102	132	33	36	27	KED
|	**As**	**75**	**0.003**	ug/L	0.003	88	3	3	21	KED
⌊	**Se**	**78**	**0.013**	ug/L	0.052	399	20	17	10	KED
	Y	**89**		ug/L			569901	544724	1	Standard
	Kr	**83**		ug/L			285	265	6	Standard
⌈>	**In-1**	**115**		ug/L			24175	23075	1	KED
|	**Mo**	**98**	**-0.006**	ug/L	0.001	14	16	5	29	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.003	71	5	3	25	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.002	67	6	3	56	KED
⌈>	**In**	**115**		ug/L			1030192	1010207	1	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.001	4805	52	50	36	Standard
|	**Ba**	**135**	**0.000**	ug/L	0.001	968	78	77	11	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	34	113	158	9	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2135795	1	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.001	21	946	674	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 01:59:48
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27742	28671	1	Standard
	Cl	37		ug/L			6079686	6025607	2	Standard
>	Sc	45		ug/L			1159801	1128159	1	Standard
	Cr	52	55.051	ug/L	0.316	0	19938	1220307	1	Standard
	Cr	53	49.362	ug/L	0.651	1	235	142276	2	Standard
	Mn	55	56.962	ug/L	1.333	2	800	1837670	1	Standard
>	Ge	72		ug/L			93175	82224	0	KED
	Ni	60	47.791	ug/L	0.507	1	25	68772	1	KED
	Ni	62	48.018	ug/L	1.658	3	6	11256	4	KED
	Cu	63	48.207	ug/L	0.936	1	88	197705	2	KED
	Cu	65	48.572	ug/L	1.014	2	42	99196	2	KED
	Zn	66	48.516	ug/L	0.283	0	248	31031	1	KED
	Zn	67	48.072	ug/L	0.834	1	33	4985	2	KED
	As	75	47.825	ug/L	1.034	2	3	15435	2	KED
	Se	78	45.665	ug/L	0.535	1	20	1776	0	KED
	Y	89		ug/L			569901	550145	0	Standard
	Kr	83		ug/L			285	311	11	Standard
>	In-1	115		ug/L			24175	23508	2	KED
	Mo	98	47.672	ug/L	1.190	2	16	80624	0	KED
	Cd	111	48.468	ug/L	1.104	2	5	18379	0	KED
	Cd	114	48.929	ug/L	1.137	2	6	46960	0	KED
>	In	115		ug/L			1030192	1009885	1	Standard
	Ag	107	47.221	ug/L	1.417	3	52	675631	3	Standard
	Ba	135	49.506	ug/L	1.452	2	78	331891	1	Standard
	Ba	137	48.820	ug/L	0.889	1	113	581628	0	Standard
>	Tb	159		ug/L			2188799	2164491	1	Standard
	Pb	208	50.209	ug/L	0.304	0	946	4666297	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:06:07
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27742	28393	0	Standard
	Cl	**37**		ug/L			6079686	5986250	2	Standard
⌈>	**Sc**	**45**		ug/L			1159801	1133639	2	Standard
|	**Cr**	**52**	**-0.031**	ug/L	0.009	27	19938	18796	1	Standard
|	**Cr**	**53**	**0.004**	ug/L	0.008	233	235	240	11	Standard
⌊	**Mn**	**55**	**0.004**	ug/L	0.001	14	800	913	1	Standard
⌈>	**Ge**	**72**		ug/L			93175	81062	1	KED
|	**Ni**	**60**	**-0.002**	ug/L	0.004	168	25	19	26	KED
|	**Ni**	**62**	**0.001**	ug/L	0.008	1022	6	5	33	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.003	2085	88	76	19	KED
|	**Cu**	**65**	**0.007**	ug/L	0.002	34	42	51	9	KED
|	**Zn**	**66**	**0.017**	ug/L	0.039	232	248	226	11	KED
|	**Zn**	**67**	**0.049**	ug/L	0.083	167	33	34	24	KED
|	**As**	**75**	**0.004**	ug/L	0.004	95	3	4	29	KED
⌊	**Se**	**78**	**-0.031**	ug/L	0.045	144	20	16	10	KED
	Y	**89**		ug/L			569901	551343	1	Standard
	Kr	**83**		ug/L			285	298	8	Standard
⌈>	**In-1**	**115**		ug/L			24175	23191	2	KED
|	**Mo**	**98**	**0.013**	ug/L	0.005	35	16	37	21	KED
|	**Cd**	**111**	**-0.006**	ug/L	0.000	3	5	2	0	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	115	6	4	45	KED
⌈>	**In**	**115**		ug/L			1030192	991316	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	61	52	73	19	Standard
|	**Ba**	**135**	**-0.002**	ug/L	0.002	119	78	63	22	Standard
⌊	**Ba**	**137**	**0.001**	ug/L	0.002	156	113	122	18	Standard
⌈>	**Tb**	**159**		ug/L			2188799	2143300	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	40	946	996	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:09:41
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				28404	3	Standard
	Cl	**37**		ug/L				5938709	1	Standard
>	**Sc**	**45**		ug/L				1148882	2	Standard
	Cr	**52**		ug/L				18857	3	Standard
	Cr	**53**		ug/L				226	4	Standard
	Mn	**55**		ug/L				916	1	Standard
>	**Ge**	**72**		ug/L				83989	2	KED
	Ni	**60**		ug/L				22	22	KED
	Ni	**62**		ug/L				8	68	KED
	Cu	**63**		ug/L				95	8	KED
	Cu	**65**		ug/L				56	8	KED
	Zn	**66**		ug/L				246	7	KED
	Zn	**67**		ug/L				31	13	KED
	As	**75**		ug/L				3	14	KED
	Se	**78**		ug/L				15	4	KED
	Y	**89**		ug/L				563849	1	Standard
	Kr	**83**		ug/L				276	6	Standard
>	**In-1**	**115**		ug/L				22828	0	KED
	Mo	**98**		ug/L				13	27	KED
	Cd	**111**		ug/L				5	28	KED
	Cd	**114**		ug/L				7	43	KED
>	**In**	**115**		ug/L				1003599	1	Standard
	Ag	**107**		ug/L				30	33	Standard
	Ba	**135**		ug/L				71	14	Standard
	Ba	**137**		ug/L				117	3	Standard
>	**Tb**	**159**		ug/L				2136919	0	Standard
	Pb	**208**		ug/L				969	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:13:16
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29695	3	Standard
	Cl	**37**		ug/L			5938709	6203542	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1175551	1	Standard
|	**Cr**	**52**	**54.436**	ug/L	1.216	2	18857	1256389	0	Standard
|	**Cr**	**53**	**49.190**	ug/L	0.580	1	226	147707	1	Standard
⌊	**Mn**	**55**	**55.734**	ug/L	0.545	0	916	1874059	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	84042	2	KED
|	**Ni**	**60**	**48.518**	ug/L	1.832	3	22	71316	1	KED
|	**Ni**	**62**	**47.718**	ug/L	0.826	1	8	11431	1	KED
|	**Cu**	**63**	**48.381**	ug/L	1.017	2	95	202742	0	KED
|	**Cu**	**65**	**48.766**	ug/L	1.318	2	56	101764	0	KED
|	**Zn**	**66**	**48.317**	ug/L	0.406	0	246	31605	1	KED
|	**Zn**	**67**	**47.704**	ug/L	2.107	4	31	5054	1	KED
|	**As**	**75**	**48.210**	ug/L	0.734	1	3	15898	1	KED
⌊	**Se**	**78**	**45.704**	ug/L	1.104	2	15	1813	2	KED
	Y	**89**		ug/L			563849	577789	1	Standard
	Kr	**83**		ug/L			276	277	2	Standard
⌈>	**In-1**	**115**		ug/L			22828	23856	0	KED
|	**Mo**	**98**	**47.466**	ug/L	0.599	1	13	81487	0	KED
|	**Cd**	**111**	**48.234**	ug/L	0.794	1	5	18566	0	KED
⌊	**Cd**	**114**	**48.505**	ug/L	0.102	0	7	47258	0	KED
⌈>	**In**	**115**		ug/L			1003599	1035398	2	Standard
|	**Ag**	**107**	**47.089**	ug/L	1.674	3	30	690454	1	Standard
|	**Ba**	**135**	**48.394**	ug/L	1.705	3	71	332575	1	Standard
⌊	**Ba**	**137**	**48.426**	ug/L	1.127	2	117	591446	0	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2200668	2	Standard
⌊	**Pb**	**208**	**49.452**	ug/L	0.892	1	969	4671766	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:19:34
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27920	1	Standard
	Cl	**37**		ug/L			5938709	6034477	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1159382	0	Standard
|	**Cr**	**52**	**0.003**	ug/L	0.011	361	18857	19095	0	Standard
|	**Cr**	**53**	**-0.001**	ug/L	0.004	312	226	224	5	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.001	14	916	1121	2	Standard
⌈>	**Ge**	**72**		ug/L			83989	83022	1	KED
|	**Ni**	**60**	**0.003**	ug/L	0.005	160	22	27	28	KED
|	**Ni**	**62**	**-0.008**	ug/L	0.016	209	8	6	56	KED
|	**Cu**	**63**	**0.033**	ug/L	0.004	10	95	231	7	KED
|	**Cu**	**65**	**0.028**	ug/L	0.006	20	56	113	10	KED
|	**Zn**	**66**	**0.014**	ug/L	0.017	116	246	252	3	KED
|	**Zn**	**67**	**0.126**	ug/L	0.075	59	31	44	16	KED
|	**As**	**75**	**0.007**	ug/L	0.003	41	3	5	17	KED
⌊	**Se**	**78**	**0.071**	ug/L	0.016	23	15	17	3	KED
	Y	**89**		ug/L			563849	564624	1	Standard
	Kr	**83**		ug/L			276	281	4	Standard
⌈>	**In-1**	**115**		ug/L			22828	22974	2	KED
|	**Mo**	**98**	**0.014**	ug/L	0.005	38	13	36	24	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.001	1368	5	5	10	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	205	7	6	46	KED
⌈>	**In**	**115**		ug/L			1003599	1017167	1	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	50	30	73	27	Standard
|	**Ba**	**135**	**0.028**	ug/L	0.001	5	71	258	4	Standard
⌊	**Ba**	**137**	**0.029**	ug/L	0.003	9	117	466	8	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2143169	0	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	794	969	977	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-12
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:23:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	54099	2	Standard
	Cl	37		ug/L			5938709	5629286	1	Standard
>	Sc	45		ug/L			1148882	1191375	1	Standard
	Cr	52	0.140	ug/L	0.010	7	18857	22781	0	Standard
	Cr	53	0.190	ug/L	0.003	1	226	813	0	Standard
	Mn	55	648.576	ug/L	3.330	0	916	22092507	1	Standard
>	Ge	72		ug/L			83989	81967	1	KED
	Ni	60	25.149	ug/L	0.592	2	22	36080	1	KED
	Ni	62	25.113	ug/L	0.853	3	8	5871	2	KED
	Cu	63	148.862	ug/L	1.748	1	95	608368	0	KED
	Cu	65	147.840	ug/L	2.655	1	56	300867	0	KED
	Zn	66	536.695	ug/L	15.316	2	246	339951	2	KED
	Zn	67	509.696	ug/L	8.217	1	31	52403	1	KED
	As	75	0.022	ug/L	0.003	14	3	10	9	KED
	Se	78	0.116	ug/L	0.051	43	15	19	9	KED
	Y	89		ug/L			563849	614072	1	Standard
	Kr	83		ug/L			276	306	15	Standard
>	In-1	115		ug/L			22828	23367	2	KED
	Mo	98	0.024	ug/L	0.008	31	13	55	24	KED
	Cd	111	4.056	ug/L	0.049	1	5	1534	1	KED
	Cd	114	4.063	ug/L	0.052	1	7	3884	3	KED
>	In	115		ug/L			1003599	1063786	1	Standard
	Ag	107	0.004	ug/L	0.001	28	30	87	19	Standard
	Ba	135	18.568	ug/L	0.387	2	71	131182	0	Standard
	Ba	137	18.467	ug/L	0.367	1	117	231832	0	Standard
>	Tb	159		ug/L			2136919	2213569	0	Standard
	Pb	208	0.022	ug/L	0.001	3	969	3106	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-13
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:26:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57402	1	Standard
	Cl	37		ug/L			5938709	5413379	2	Standard
>	Sc	45		ug/L			1148882	1190741	2	Standard
	Cr	52	0.269	ug/L	0.021	7	18857	25731	1	Standard
	Cr	53	0.365	ug/L	0.032	8	226	1343	7	Standard
	Mn	55	2778.902	ug/L	24.326	0	916	94609761	3	Standard
>	Ge	72		ug/L			83989	77196	1	KED
	Ni	60	28.209	ug/L	0.572	2	22	38112	0	KED
	Ni	62	28.239	ug/L	0.399	1	8	6218	1	KED
	Cu	63	18.000	ug/L	0.201	1	95	69355	0	KED
	Cu	65	17.948	ug/L	0.224	1	56	34447	1	KED
	Zn	66	663.015	ug/L	6.203	0	246	395509	1	KED
	Zn	67	628.962	ug/L	3.743	0	31	60906	2	KED
	As	75	0.053	ug/L	0.009	16	3	19	15	KED
	Se	78	0.124	ug/L	0.095	76	15	18	20	KED
	Y	89		ug/L			563849	584110	1	Standard
	Kr	83		ug/L			276	282	7	Standard
>	In-1	115		ug/L			22828	22756	0	KED
	Mo	98	0.023	ug/L	0.005	23	13	51	16	KED
	Cd	111	3.804	ug/L	0.027	0	5	1401	0	KED
	Cd	114	3.811	ug/L	0.088	2	7	3548	2	KED
>	In	115		ug/L			1003599	1019144	2	Standard
	Ag	107	0.010	ug/L	0.002	21	30	182	20	Standard
	Ba	135	11.122	ug/L	0.123	1	71	75316	2	Standard
	Ba	137	11.260	ug/L	0.179	1	117	135476	2	Standard
>	Tb	159		ug/L			2136919	2155046	2	Standard
	Pb	208	0.284	ug/L	0.002	0	969	27212	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-14
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:30:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	56258	1	Standard
	Cl	37		ug/L			5938709	5789336	1	Standard
>	Sc	45		ug/L			1148882	1145214	0	Standard
	Cr	52	0.331	ug/L	0.009	2	18857	26115	0	Standard
	Cr	53	0.339	ug/L	0.006	1	226	1216	1	Standard
	Mn	55	4.564	ug/L	0.099	2	916	150345	1	Standard
>	Ge	72		ug/L			83989	79884	1	KED
	Ni	60	0.234	ug/L	0.021	9	22	349	7	KED
	Ni	62	0.169	ug/L	0.014	8	8	46	6	KED
	Cu	63	2.832	ug/L	0.070	2	95	11367	1	KED
	Cu	65	2.822	ug/L	0.006	0	56	5650	1	KED
	Zn	66	4.745	ug/L	0.117	2	246	3162	3	KED
	Zn	67	4.769	ug/L	0.326	6	31	507	7	KED
	As	75	0.683	ug/L	0.034	5	3	217	4	KED
	Se	78	0.058	ug/L	0.027	47	15	16	6	KED
	Y	89		ug/L			563849	540504	0	Standard
	Kr	83		ug/L			276	261	5	Standard
>	In-1	115		ug/L			22828	23000	0	KED
	Mo	98	0.463	ug/L	0.025	5	13	779	5	KED
	Cd	111	0.037	ug/L	0.007	20	5	18	14	KED
	Cd	114	0.040	ug/L	0.007	18	7	44	14	KED
>	In	115		ug/L			1003599	1049318	3	Standard
	Ag	107	0.001	ug/L	0.001	75	30	45	24	Standard
	Ba	135	5.471	ug/L	0.209	3	71	38160	1	Standard
	Ba	137	5.413	ug/L	0.141	2	117	67103	2	Standard
>	Tb	159		ug/L			2136919	2156562	0	Standard
	Pb	208	0.095	ug/L	0.001	1	969	9766	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-16
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:33:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	53151	3	Standard
	Cl	37		ug/L			5938709	5770105	1	Standard
>	Sc	45		ug/L			1148882	1181712	1	Standard
	Cr	52	0.225	ug/L	0.013	5	18857	24542	2	Standard
	Cr	53	0.301	ug/L	0.009	3	226	1139	3	Standard
	Mn	55	0.517	ug/L	0.026	4	916	18406	3	Standard
>	Ge	72		ug/L			83989	79159	1	KED
	Ni	60	0.394	ug/L	0.013	3	22	567	3	KED
	Ni	62	0.419	ug/L	0.010	2	8	102	3	KED
	Cu	63	0.303	ug/L	0.004	1	95	1286	1	KED
	Cu	65	0.293	ug/L	0.013	4	56	628	4	KED
	Zn	66	0.556	ug/L	0.073	13	246	571	6	KED
	Zn	67	0.879	ug/L	0.302	34	31	116	24	KED
	As	75	0.178	ug/L	0.014	7	3	58	6	KED
	Se	78	0.292	ug/L	0.092	31	15	25	13	KED
	Y	89		ug/L			563849	532730	0	Standard
	Kr	83		ug/L			276	267	5	Standard
>	In-1	115		ug/L			22828	23155	1	KED
	Mo	98	0.778	ug/L	0.065	8	13	1308	6	KED
	Cd	111	0.008	ug/L	0.008	98	5	8	35	KED
	Cd	114	0.000	ug/L	0.002	808	7	7	28	KED
>	In	115		ug/L			1003599	1029324	1	Standard
	Ag	107	0.000	ug/L	0.000	163	30	35	18	Standard
	Ba	135	6.071	ug/L	0.096	1	71	41552	0	Standard
	Ba	137	6.116	ug/L	0.210	3	117	74361	2	Standard
>	Tb	159		ug/L			2136919	2150204	0	Standard
	Pb	208	0.011	ug/L	0.001	9	969	1956	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-17
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:37:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57620	1	Standard
	Cl	37		ug/L			5938709	5865241	1	Standard
>	Sc	45		ug/L			1148882	1142108	1	Standard
	Cr	52	0.468	ug/L	0.022	4	18857	29072	1	Standard
	Cr	53	0.469	ug/L	0.014	3	226	1590	2	Standard
	Mn	55	13.890	ug/L	0.154	1	916	454423	1	Standard
>	Ge	72		ug/L			83989	80054	1	KED
	Ni	60	0.446	ug/L	0.033	7	22	645	5	KED
	Ni	62	0.453	ug/L	0.065	14	8	111	13	KED
	Cu	63	3.019	ug/L	0.027	0	95	12141	1	KED
	Cu	65	3.062	ug/L	0.033	1	56	6140	0	KED
	Zn	66	5.810	ug/L	0.075	1	246	3827	2	KED
	Zn	67	6.057	ug/L	0.281	4	31	638	3	KED
	As	75	0.547	ug/L	0.009	1	3	174	2	KED
	Se	78	0.128	ug/L	0.107	83	15	19	20	KED
	Y	89		ug/L			563849	541689	1	Standard
	Kr	83		ug/L			276	286	14	Standard
>	In-1	115		ug/L			22828	22378	2	KED
	Mo	98	0.512	ug/L	0.020	3	13	838	5	KED
	Cd	111	0.045	ug/L	0.008	17	5	21	11	KED
	Cd	114	0.055	ug/L	0.001	2	7	57	3	KED
>	In	115		ug/L			1003599	1013822	2	Standard
	Ag	107	0.002	ug/L	0.001	58	30	56	25	Standard
	Ba	135	13.738	ug/L	0.359	2	71	92508	0	Standard
	Ba	137	13.568	ug/L	0.211	1	117	162362	0	Standard
>	Tb	159		ug/L			2136919	2132785	1	Standard
	Pb	208	0.109	ug/L	0.002	1	969	10940	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-19
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:40:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	56132	0	Standard
	Cl	37		ug/L			5938709	6036784	1	Standard
>	Sc	45		ug/L			1148882	1174389	0	Standard
	Cr	52	0.373	ug/L	0.025	6	18857	27756	1	Standard
	Cr	53	0.369	ug/L	0.013	3	226	1336	3	Standard
	Mn	55	4.014	ug/L	0.055	1	916	135705	0	Standard
>	Ge	72		ug/L			83989	75711	9	KED
	Ni	60	0.236	ug/L	0.036	15	22	330	7	KED
	Ni	62	0.188	ug/L	0.045	24	8	48	17	KED
	Cu	63	2.934	ug/L	0.270	9	95	11098	0	KED
	Cu	65	2.951	ug/L	0.227	7	56	5571	2	KED
	Zn	66	5.148	ug/L	0.407	7	246	3217	2	KED
	Zn	67	5.322	ug/L	0.647	12	31	530	7	KED
	As	75	0.699	ug/L	0.072	10	3	209	3	KED
	Se	78	0.241	ug/L	0.063	26	15	22	11	KED
	Y	89		ug/L			563849	547582	1	Standard
	Kr	83		ug/L			276	260	9	Standard
>	In-1	115		ug/L			22828	22849	2	KED
	Mo	98	0.451	ug/L	0.033	7	13	755	7	KED
	Cd	111	0.035	ug/L	0.004	10	5	18	9	KED
	Cd	114	0.040	ug/L	0.016	41	7	44	31	KED
>	In	115		ug/L			1003599	1049675	2	Standard
	Ag	107	0.001	ug/L	0.000	37	30	49	15	Standard
	Ba	135	5.334	ug/L	0.059	1	71	37244	1	Standard
	Ba	137	5.356	ug/L	0.091	1	117	66433	0	Standard
>	Tb	159		ug/L			2136919	2208527	0	Standard
	Pb	208	0.109	ug/L	0.003	2	969	11298	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:44:57
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57738	1	Standard
	Cl	37		ug/L			5938709	5983707	1	Standard
>	Sc	45		ug/L			1148882	1180023	1	Standard
	Cr	52	0.382	ug/L	0.019	4	18857	28080	0	Standard
	Cr	53	0.373	ug/L	0.009	2	226	1355	1	Standard
	Mn	55	4.143	ug/L	0.056	1	916	140682	0	Standard
>	Ge	72		ug/L			83989	81074	0	KED
	Ni	60	0.260	ug/L	0.008	3	22	391	3	KED
	Ni	62	0.238	ug/L	0.025	10	8	63	9	KED
	Cu	63	2.938	ug/L	0.067	2	95	11967	2	KED
	Cu	65	3.011	ug/L	0.116	3	56	6114	3	KED
	Zn	66	7.602	ug/L	0.236	3	246	4997	2	KED
	Zn	67	7.343	ug/L	0.302	4	31	777	4	KED
	As	75	0.675	ug/L	0.042	6	3	218	6	KED
	Se	78	0.056	ug/L	0.037	66	15	16	8	KED
	Y	89		ug/L			563849	561778	2	Standard
	Kr	83		ug/L			276	275	1	Standard
>	In-1	115		ug/L			22828	23811	0	KED
	Mo	98	0.423	ug/L	0.019	4	13	738	4	KED
	Cd	111	0.038	ug/L	0.017	44	5	20	32	KED
	Cd	114	0.032	ug/L	0.008	23	7	38	19	KED
>	In	115		ug/L			1003599	1057643	1	Standard
	Ag	107	0.002	ug/L	0.001	31	30	60	13	Standard
	Ba	135	5.393	ug/L	0.124	2	71	37937	0	Standard
	Ba	137	5.442	ug/L	0.045	0	117	68030	2	Standard
>	Tb	159		ug/L			2136919	2196866	0	Standard
	Pb	208	0.125	ug/L	0.000	0	969	12807	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:48:55
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57392	1	Standard
	Cl	37		ug/L			5938709	6130417	1	Standard
>	Sc	45		ug/L			1148882	1185680	0	Standard
	Cr	52	26.631	ug/L	0.017	0	18857	630040	0	Standard
	Cr	53	24.146	ug/L	0.372	1	226	73251	1	Standard
	Mn	55	31.873	ug/L	0.124	0	916	1081374	0	Standard
>	Ge	72		ug/L			83989	80624	1	KED
	Ni	60	24.106	ug/L	0.436	1	22	34022	0	KED
	Ni	62	24.668	ug/L	0.674	2	8	5675	3	KED
	Cu	63	26.993	ug/L	0.518	1	95	108585	1	KED
	Cu	65	27.326	ug/L	0.568	2	56	54745	0	KED
	Zn	66	77.617	ug/L	1.038	1	246	48573	2	KED
	Zn	67	74.303	ug/L	1.230	1	31	7540	0	KED
	As	75	24.224	ug/L	0.339	1	3	7668	2	KED
	Se	78	69.885	ug/L	0.391	0	15	2653	0	KED
	Y	89		ug/L			563849	566000	1	Standard
	Kr	83		ug/L			276	290	2	Standard
>	In-1	115		ug/L			22828	23670	0	KED
	Mo	98	0.416	ug/L	0.020	4	13	723	5	KED
	Cd	111	24.231	ug/L	0.269	1	5	9257	1	KED
	Cd	114	24.650	ug/L	0.385	1	7	23833	1	KED
>	In	115		ug/L			1003599	1049567	1	Standard
	Ag	107	23.470	ug/L	0.431	1	30	349046	2	Standard
	Ba	135	29.276	ug/L	0.489	1	71	204056	1	Standard
	Ba	137	29.873	ug/L	0.129	0	117	370009	0	Standard
>	Tb	159		ug/L			2136919	2226170	1	Standard
	Pb	208	25.533	ug/L	0.729	2	969	2440539	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0847-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 02:53:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	54224	0	Standard
	Cl	37		ug/L			5938709	6202145	1	Standard
>	Sc	45		ug/L			1148882	1202999	1	Standard
	Cr	52	26.682	ug/L	0.546	2	18857	640367	1	Standard
	Cr	53	23.980	ug/L	0.270	1	226	73807	0	Standard
	Mn	55	31.464	ug/L	0.302	0	916	1083009	0	Standard
>	Ge	72		ug/L			83989	80225	0	KED
	Ni	60	23.719	ug/L	0.359	1	22	33315	1	KED
	Ni	62	24.773	ug/L	1.016	4	8	5670	3	KED
	Cu	63	27.022	ug/L	0.505	1	95	108170	1	KED
	Cu	65	27.041	ug/L	0.511	1	56	53912	1	KED
	Zn	66	78.429	ug/L	0.653	0	246	48833	0	KED
	Zn	67	76.848	ug/L	1.108	1	31	7759	1	KED
	As	75	24.526	ug/L	0.184	0	3	7724	0	KED
	Se	78	69.590	ug/L	0.682	0	15	2629	0	KED
	Y	89		ug/L			563849	580851	0	Standard
	Kr	83		ug/L			276	290	4	Standard
>	In-1	115		ug/L			22828	23726	1	KED
	Mo	98	0.429	ug/L	0.018	4	13	745	3	KED
	Cd	111	24.229	ug/L	0.482	1	5	9276	0	KED
	Cd	114	24.352	ug/L	0.513	2	7	23598	1	KED
>	In	115		ug/L			1003599	1034477	1	Standard
	Ag	107	24.158	ug/L	0.318	1	30	354141	2	Standard
	Ba	135	29.867	ug/L	0.604	2	71	205163	1	Standard
	Ba	137	30.313	ug/L	0.058	0	117	370068	1	Standard
>	Tb	159		ug/L			2136919	2211445	1	Standard
	Pb	208	25.831	ug/L	0.348	1	969	2452989	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:00:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	30505	1	Standard
	Cl	**37**		ug/L			5938709	6067086	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1139345	1	Standard
|	**Cr**	**52**	**0.041**	ug/L	0.016	39	18857	19598	2	Standard
|	**Cr**	**53**	**-0.001**	ug/L	0.003	263	226	221	4	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	114	916	933	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	81690	2	KED
|	**Ni**	**60**	**0.006**	ug/L	0.007	113	22	30	28	KED
|	**Ni**	**62**	**-0.015**	ug/L	0.009	57	8	5	43	KED
|	**Cu**	**63**	**-0.003**	ug/L	0.003	74	95	78	14	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.002	78	56	50	9	KED
|	**Zn**	**66**	**-0.019**	ug/L	0.050	256	246	227	16	KED
|	**Zn**	**67**	**0.119**	ug/L	0.101	84	31	43	25	KED
|	**As**	**75**	**0.001**	ug/L	0.002	292	3	3	20	KED
⌊	**Se**	**78**	**0.086**	ug/L	0.132	153	15	18	28	KED
	Y	**89**		ug/L			563849	564260	0	Standard
	Kr	**83**		ug/L			276	247	4	Standard
⌈>	**In-1**	**115**		ug/L			22828	22772	7	KED
|	**Mo**	**98**	**-0.004**	ug/L	0.002	38	13	6	41	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.011	2820	5	5	84	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.005	3709	7	7	67	KED
⌈>	**In**	**115**		ug/L			1003599	1043311	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	17	30	55	6	Standard
|	**Ba**	**135**	**0.004**	ug/L	0.003	72	71	100	19	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.001	27	117	173	7	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2176984	0	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.000	10	969	628	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:04:50
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	28690	1	Standard
	Cl	**37**		ug/L			5938709	6285630	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1134316	1	Standard
|	**Cr**	**52**	**54.965**	ug/L	1.123	2	18857	1223987	0	Standard
|	**Cr**	**53**	**49.080**	ug/L	0.231	0	226	142222	1	Standard
⌊	**Mn**	**55**	**56.694**	ug/L	1.656	2	916	1838985	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	82835	2	KED
|	**Ni**	**60**	**49.089**	ug/L	1.373	2	22	71133	0	KED
|	**Ni**	**62**	**48.363**	ug/L	1.357	2	8	11419	1	KED
|	**Cu**	**63**	**49.231**	ug/L	0.846	1	95	203358	0	KED
|	**Cu**	**65**	**49.799**	ug/L	1.674	3	56	102418	0	KED
|	**Zn**	**66**	**49.225**	ug/L	1.291	2	246	31726	1	KED
|	**Zn**	**67**	**48.545**	ug/L	1.600	3	31	5070	0	KED
|	**As**	**75**	**48.538**	ug/L	0.979	2	3	15775	0	KED
⌊	**Se**	**78**	**45.939**	ug/L	2.257	4	15	1795	2	KED
	Y	**89**		ug/L			563849	568397	1	Standard
	Kr	**83**		ug/L			276	280	6	Standard
⌈>	**In-1**	**115**		ug/L			22828	23795	1	KED
|	**Mo**	**98**	**47.609**	ug/L	0.568	1	13	81525	1	KED
|	**Cd**	**111**	**49.112**	ug/L	0.664	1	5	18855	0	KED
⌊	**Cd**	**114**	**48.677**	ug/L	0.188	0	7	47305	1	KED
⌈>	**In**	**115**		ug/L			1003599	1005251	1	Standard
|	**Ag**	**107**	**47.718**	ug/L	1.023	2	30	679708	2	Standard
|	**Ba**	**135**	**49.259**	ug/L	0.627	1	71	328795	0	Standard
⌊	**Ba**	**137**	**49.682**	ug/L	0.504	1	117	589343	1	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2169017	0	Standard
⌊	**Pb**	**208**	**50.144**	ug/L	0.358	0	969	4670082	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:11:09
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27416	3	Standard
	Cl	**37**		ug/L			5938709	6162709	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1130282	0	Standard
|	**Cr**	**52**	**0.001**	ug/L	0.009	1354	18857	18566	1	Standard
|	**Cr**	**53**	**-0.000**	ug/L	0.004	7972	226	222	5	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	11	916	1129	2	Standard
⌈>	**Ge**	**72**		ug/L			83989	82465	1	KED
|	**Ni**	**60**	**0.008**	ug/L	0.010	125	22	33	41	KED
|	**Ni**	**62**	**-0.008**	ug/L	0.024	314	8	6	83	KED
|	**Cu**	**63**	**0.030**	ug/L	0.002	6	95	217	2	KED
|	**Cu**	**65**	**0.032**	ug/L	0.008	25	56	120	13	KED
|	**Zn**	**66**	**0.130**	ug/L	0.020	15	246	324	2	KED
|	**Zn**	**67**	**0.183**	ug/L	0.063	34	31	50	14	KED
|	**As**	**75**	**0.009**	ug/L	0.005	53	3	6	26	KED
⌊	**Se**	**78**	**0.098**	ug/L	0.110	112	15	18	24	KED
	Y	**89**		ug/L			563849	559832	0	Standard
	Kr	**83**		ug/L			276	280	5	Standard
⌈>	**In-1**	**115**		ug/L			22828	23465	0	KED
|	**Mo**	**98**	**0.011**	ug/L	0.006	49	13	32	27	KED
|	**Cd**	**111**	**0.003**	ug/L	0.006	196	5	6	34	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.001	99	7	8	12	KED
⌈>	**In**	**115**		ug/L			1003599	1001304	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	29	30	65	16	Standard
|	**Ba**	**135**	**0.033**	ug/L	0.003	9	71	288	7	Standard
⌊	**Ba**	**137**	**0.029**	ug/L	0.004	14	117	457	9	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2121401	1	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	1514	969	965	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-21
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:14:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	57386	2	Standard
	Cl	37		ug/L			5938709	5923248	1	Standard
>	Sc	45		ug/L			1148882	1184833	0	Standard
	Cr	52	0.411	ug/L	0.015	3	18857	28853	1	Standard
	Cr	53	0.323	ug/L	0.001	0	226	1209	0	Standard
	Mn	55	3.262	ug/L	0.024	0	916	111461	1	Standard
>	Ge	72		ug/L			83989	85118	1	KED
	Ni	60	0.222	ug/L	0.023	10	22	353	8	KED
	Ni	62	0.227	ug/L	0.037	16	8	64	14	KED
	Cu	63	2.696	ug/L	0.036	1	95	11539	2	KED
	Cu	65	2.709	ug/L	0.059	2	56	5782	1	KED
	Zn	66	4.254	ug/L	0.054	1	246	3046	1	KED
	Zn	67	4.587	ug/L	0.255	5	31	521	6	KED
	As	75	0.609	ug/L	0.015	2	3	206	1	KED
	Se	78	0.126	ug/L	0.167	132	15	20	31	KED
	Y	89		ug/L			563849	569368	0	Standard
	Kr	83		ug/L			276	299	5	Standard
>	In-1	115		ug/L			22828	23956	0	KED
	Mo	98	0.443	ug/L	0.020	4	13	777	4	KED
	Cd	111	0.042	ug/L	0.009	20	5	21	15	KED
	Cd	114	0.042	ug/L	0.005	12	7	48	10	KED
>	In	115		ug/L			1003599	1042296	1	Standard
	Ag	107	0.002	ug/L	0.001	42	30	57	18	Standard
	Ba	135	5.217	ug/L	0.055	1	71	36173	0	Standard
	Ba	137	5.264	ug/L	0.097	1	117	64848	0	Standard
>	Tb	159		ug/L			2136919	2194826	1	Standard
	Pb	208	0.102	ug/L	0.004	3	969	10565	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-23
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:18:17
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51988	0	Standard
	Cl	37		ug/L			5938709	5923868	0	Standard
>	Sc	45		ug/L			1148882	1171855	1	Standard
	Cr	52	0.184	ug/L	0.019	10	18857	23415	2	Standard
	Cr	53	0.184	ug/L	0.006	3	226	780	3	Standard
	Mn	55	0.589	ug/L	0.007	1	916	20655	1	Standard
>	Ge	72		ug/L			83989	84307	1	KED
	Ni	60	0.156	ug/L	0.009	5	22	252	3	KED
	Ni	62	0.127	ug/L	0.026	20	8	39	15	KED
	Cu	63	1.441	ug/L	0.027	1	95	6152	0	KED
	Cu	65	1.410	ug/L	0.006	0	56	3009	1	KED
	Zn	66	4.978	ug/L	0.160	3	246	3489	4	KED
	Zn	67	5.103	ug/L	0.403	7	31	571	8	KED
	As	75	0.147	ug/L	0.018	12	3	51	13	KED
	Se	78	0.136	ug/L	0.086	63	15	20	17	KED
	Y	89		ug/L			563849	566091	0	Standard
	Kr	83		ug/L			276	275	7	Standard
>	In-1	115		ug/L			22828	23652	1	KED
	Mo	98	0.458	ug/L	0.028	6	13	793	4	KED
	Cd	111	0.039	ug/L	0.007	18	5	20	14	KED
	Cd	114	0.028	ug/L	0.007	24	7	34	19	KED
>	In	115		ug/L			1003599	1047857	2	Standard
	Ag	107	0.001	ug/L	0.001	116	30	41	28	Standard
	Ba	135	5.406	ug/L	0.184	3	71	37665	1	Standard
	Ba	137	5.445	ug/L	0.197	3	117	67397	1	Standard
>	Tb	159		ug/L			2136919	2220697	0	Standard
	Pb	208	0.075	ug/L	0.002	2	969	8183	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-25
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:21:51
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	49468	2	Standard
	Cl	37		ug/L			5938709	5927769	1	Standard
>	Sc	45		ug/L			1148882	1167093	0	Standard
	Cr	52	0.185	ug/L	0.010	5	18857	23328	1	Standard
	Cr	53	0.206	ug/L	0.005	2	226	843	1	Standard
	Mn	55	0.365	ug/L	0.006	1	916	13113	1	Standard
>	Ge	72		ug/L			83989	83652	0	KED
	Ni	60	0.150	ug/L	0.011	7	22	242	6	KED
	Ni	62	0.117	ug/L	0.034	28	8	36	21	KED
	Cu	63	1.297	ug/L	0.022	1	95	5502	1	KED
	Cu	65	1.342	ug/L	0.036	2	56	2843	2	KED
	Zn	66	4.506	ug/L	0.027	0	246	3156	1	KED
	Zn	67	4.481	ug/L	0.067	1	31	501	1	KED
	As	75	0.139	ug/L	0.011	7	3	49	7	KED
	Se	78	0.009	ug/L	0.025	285	15	15	5	KED
	Y	89		ug/L			563849	557113	0	Standard
	Kr	83		ug/L			276	263	5	Standard
>	In-1	115		ug/L			22828	23831	2	KED
	Mo	98	0.446	ug/L	0.025	5	13	778	3	KED
	Cd	111	0.044	ug/L	0.010	22	5	22	16	KED
	Cd	114	0.033	ug/L	0.005	13	7	40	11	KED
>	In	115		ug/L			1003599	1043785	0	Standard
	Ag	107	0.000	ug/L	0.000	373	30	33	14	Standard
	Ba	135	5.203	ug/L	0.065	1	71	36131	1	Standard
	Ba	137	5.333	ug/L	0.151	2	117	65799	3	Standard
>	Tb	159		ug/L			2136919	2184773	1	Standard
	Pb	208	0.070	ug/L	0.001	1	969	7516	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-26
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:25:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	54865	1	Standard
	Cl	37		ug/L			5938709	5926939	1	Standard
>	Sc	45		ug/L			1148882	1162137	1	Standard
	Cr	52	0.339	ug/L	0.014	4	18857	26692	0	Standard
	Cr	53	0.304	ug/L	0.010	3	226	1130	1	Standard
	Mn	55	4.019	ug/L	0.067	1	916	134451	1	Standard
>	Ge	72		ug/L			83989	82287	1	KED
	Ni	60	0.211	ug/L	0.008	3	22	325	4	KED
	Ni	62	0.188	ug/L	0.037	19	8	52	16	KED
	Cu	63	2.599	ug/L	0.053	2	95	10757	1	KED
	Cu	65	2.580	ug/L	0.073	2	56	5326	1	KED
	Zn	66	5.237	ug/L	0.132	2	246	3569	3	KED
	Zn	67	4.902	ug/L	0.414	8	31	536	7	KED
	As	75	0.648	ug/L	0.013	1	3	212	2	KED
	Se	78	0.094	ug/L	0.076	81	15	18	14	KED
	Y	89		ug/L			563849	560894	2	Standard
	Kr	83		ug/L			276	286	14	Standard
>	In-1	115		ug/L			22828	23387	2	KED
	Mo	98	0.419	ug/L	0.008	1	13	718	4	KED
	Cd	111	0.044	ug/L	0.005	11	5	21	11	KED
	Cd	114	0.034	ug/L	0.015	44	7	39	38	KED
>	In	115		ug/L			1003599	1032513	2	Standard
	Ag	107	0.001	ug/L	0.001	48	30	50	17	Standard
	Ba	135	5.331	ug/L	0.120	2	71	36604	0	Standard
	Ba	137	5.388	ug/L	0.148	2	117	65728	0	Standard
>	Tb	159		ug/L			2136919	2152444	1	Standard
	Pb	208	0.095	ug/L	0.004	4	969	9730	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-27
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:28:59
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	52776	1	Standard
	Cl	**37**		ug/L			5938709	5980359	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1174462	1	Standard
|	**Cr**	**52**	**0.191**	ug/L	0.005	2	18857	23612	1	Standard
|	**Cr**	**53**	**0.174**	ug/L	0.009	5	226	753	4	Standard
⌊	**Mn**	**55**	**0.404**	ug/L	0.005	1	916	14496	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	84482	0	KED
|	**Ni**	**60**	**0.238**	ug/L	0.019	7	22	375	7	KED
|	**Ni**	**62**	**0.269**	ug/L	0.021	7	8	73	6	KED
|	**Cu**	**63**	**5.947**	ug/L	0.059	0	95	25145	1	KED
|	**Cu**	**65**	**5.850**	ug/L	0.124	2	56	12327	2	KED
|	**Zn**	**66**	**24.301**	ug/L	0.310	1	246	16104	1	KED
|	**Zn**	**67**	**23.608**	ug/L	0.945	4	31	2532	3	KED
|	**As**	**75**	**0.165**	ug/L	0.021	12	3	57	12	KED
⌊	**Se**	**78**	**0.002**	ug/L	0.096	4485	15	15	24	KED
	Y	**89**		ug/L			563849	572979	1	Standard
	Kr	**83**		ug/L			276	276	5	Standard
⌈>	**In-1**	**115**		ug/L			22828	24301	0	KED
|	**Mo**	**98**	**0.586**	ug/L	0.038	6	13	1039	6	KED
|	**Cd**	**111**	**0.049**	ug/L	0.011	23	5	24	18	KED
⌊	**Cd**	**114**	**0.049**	ug/L	0.016	32	7	56	28	KED
⌈>	**In**	**115**		ug/L			1003599	1066392	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	10	30	60	3	Standard
|	**Ba**	**135**	**4.773**	ug/L	0.108	2	71	33859	0	Standard
⌊	**Ba**	**137**	**4.771**	ug/L	0.082	1	117	60131	0	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2214970	0	Standard
⌊	**Pb**	**208**	**0.078**	ug/L	0.002	2	969	8456	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-22
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:32:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51435	1	Standard
	Cl	37		ug/L			5938709	5949833	0	Standard
>	Sc	45		ug/L			1148882	1179680	1	Standard
	Cr	52	0.193	ug/L	0.014	7	18857	23772	1	Standard
	Cr	53	0.186	ug/L	0.012	6	226	790	3	Standard
	Mn	55	0.111	ug/L	0.002	1	916	4695	2	Standard
>	Ge	72		ug/L			83989	83925	1	KED
	Ni	60	0.066	ug/L	0.015	22	22	120	16	KED
	Ni	62	0.066	ug/L	0.040	61	8	24	39	KED
	Cu	63	1.147	ug/L	0.014	1	95	4893	2	KED
	Cu	65	1.158	ug/L	0.028	2	56	2469	1	KED
	Zn	66	2.727	ug/L	0.078	2	246	2013	1	KED
	Zn	67	2.881	ug/L	0.301	10	31	334	8	KED
	As	75	0.135	ug/L	0.010	7	3	47	5	KED
	Se	78	0.038	ug/L	0.057	147	15	16	13	KED
	Y	89		ug/L			563849	569103	0	Standard
	Kr	83		ug/L			276	266	9	Standard
>	In-1	115		ug/L			22828	23869	1	KED
	Mo	98	0.509	ug/L	0.026	5	13	888	3	KED
	Cd	111	0.032	ug/L	0.005	14	5	17	11	KED
	Cd	114	0.027	ug/L	0.007	26	7	34	20	KED
>	In	115		ug/L			1003599	1059387	1	Standard
	Ag	107	0.001	ug/L	0.001	223	30	40	46	Standard
	Ba	135	3.981	ug/L	0.038	0	71	28071	0	Standard
	Ba	137	3.999	ug/L	0.103	2	117	50093	1	Standard
>	Tb	159		ug/L			2136919	2197951	0	Standard
	Pb	208	-0.001	ug/L	0.000	22	969	912	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:36:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	49681	0	Standard
	Cl	37		ug/L			5938709	5934900	3	Standard
>	Sc	45		ug/L			1148882	1171017	1	Standard
	Cr	52	0.265	ug/L	0.015	5	18857	25225	2	Standard
	Cr	53	0.273	ug/L	0.004	1	226	1047	1	Standard
	Mn	55	0.091	ug/L	0.000	0	916	3984	1	Standard
>	Ge	72		ug/L			83989	82756	1	KED
	Ni	60	0.075	ug/L	0.011	14	22	130	10	KED
	Ni	62	0.067	ug/L	0.042	61	8	24	40	KED
	Cu	63	1.085	ug/L	0.024	2	95	4572	3	KED
	Cu	65	1.043	ug/L	0.057	5	56	2196	4	KED
	Zn	66	2.536	ug/L	0.035	1	246	1863	2	KED
	Zn	67	2.588	ug/L	0.247	9	31	299	7	KED
	As	75	0.143	ug/L	0.028	19	3	49	16	KED
	Se	78	0.074	ug/L	0.041	55	15	17	9	KED
	Y	89		ug/L			563849	568822	1	Standard
	Kr	83		ug/L			276	274	2	Standard
>	In-1	115		ug/L			22828	23803	1	KED
	Mo	98	0.491	ug/L	0.024	4	13	854	6	KED
	Cd	111	0.028	ug/L	0.004	15	5	15	9	KED
	Cd	114	0.022	ug/L	0.004	19	7	28	13	KED
>	In	115		ug/L			1003599	1040609	0	Standard
	Ag	107	0.000	ug/L	0.001	232	30	34	22	Standard
	Ba	135	3.782	ug/L	0.033	0	71	26203	0	Standard
	Ba	137	3.788	ug/L	0.039	1	117	46616	0	Standard
>	Tb	159		ug/L			2136919	2182433	1	Standard
	Pb	208	-0.001	ug/L	0.000	37	969	881	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:40:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	50565	0	Standard
	Cl	37		ug/L			5938709	6193077	1	Standard
>	Sc	45		ug/L			1148882	1164006	0	Standard
	Cr	52	27.689	ug/L	0.350	1	18857	642332	0	Standard
	Cr	53	24.773	ug/L	0.081	0	226	73777	0	Standard
	Mn	55	29.306	ug/L	0.462	1	916	976163	1	Standard
>	Ge	72		ug/L			83989	82451	1	KED
	Ni	60	24.576	ug/L	0.514	2	22	35475	2	KED
	Ni	62	24.451	ug/L	0.621	2	8	5752	3	KED
	Cu	63	25.772	ug/L	0.684	2	95	106036	3	KED
	Cu	65	25.657	ug/L	0.235	0	56	52577	1	KED
	Zn	66	78.180	ug/L	0.638	0	246	50026	0	KED
	Zn	67	73.546	ug/L	2.677	3	31	7631	2	KED
	As	75	24.556	ug/L	0.246	1	3	7949	2	KED
	Se	78	72.485	ug/L	1.744	2	15	2814	2	KED
	Y	89		ug/L			563849	570238	0	Standard
	Kr	83		ug/L			276	283	8	Standard
>	In-1	115		ug/L			22828	23786	1	KED
	Mo	98	0.484	ug/L	0.030	6	13	841	5	KED
	Cd	111	25.376	ug/L	0.244	0	5	9741	0	KED
	Cd	114	24.806	ug/L	0.594	2	7	24097	1	KED
>	In	115		ug/L			1003599	1017713	1	Standard
	Ag	107	24.308	ug/L	0.476	1	30	350501	1	Standard
	Ba	135	29.415	ug/L	0.605	2	71	198783	0	Standard
	Ba	137	29.903	ug/L	0.631	2	117	359081	0	Standard
>	Tb	159		ug/L			2136919	2175906	1	Standard
	Pb	208	26.438	ug/L	0.262	0	969	2470508	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BJF0844-MSD1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:45:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51586	1	Standard
	Cl	37		ug/L			5938709	6313981	0	Standard
>	Sc	45		ug/L			1148882	1162850	1	Standard
	Cr	52	27.875	ug/L	0.190	0	18857	645885	1	Standard
	Cr	53	25.041	ug/L	0.377	1	226	74490	0	Standard
	Mn	55	29.145	ug/L	0.222	0	916	969818	0	Standard
>	Ge	72		ug/L			83989	82713	1	KED
	Ni	60	24.707	ug/L	0.407	1	22	35779	2	KED
	Ni	62	24.697	ug/L	0.683	2	8	5827	1	KED
	Cu	63	26.172	ug/L	0.552	2	95	108008	1	KED
	Cu	65	25.786	ug/L	0.317	1	56	53007	0	KED
	Zn	66	78.545	ug/L	1.387	1	246	50420	1	KED
	Zn	67	75.859	ug/L	2.284	3	31	7896	1	KED
	As	75	24.750	ug/L	0.316	1	3	8036	1	KED
	Se	78	72.498	ug/L	0.917	1	15	2823	1	KED
	Y	89		ug/L			563849	564091	1	Standard
	Kr	83		ug/L			276	290	4	Standard
>	In-1	115		ug/L			22828	23475	2	KED
	Mo	98	0.506	ug/L	0.021	4	13	867	1	KED
	Cd	111	24.815	ug/L	0.771	3	5	9397	1	KED
	Cd	114	25.021	ug/L	0.633	2	7	23981	1	KED
>	In	115		ug/L			1003599	1016183	0	Standard
	Ag	107	24.262	ug/L	0.121	0	30	349356	1	Standard
	Ba	135	29.668	ug/L	0.623	2	71	200217	1	Standard
	Ba	137	29.454	ug/L	0.091	0	117	353230	0	Standard
>	Tb	159		ug/L			2136919	2183680	1	Standard
	Pb	208	26.277	ug/L	0.366	1	969	2464053	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:52:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29161	2	Standard
	Cl	**37**		ug/L			5938709	6042887	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1110363	0	Standard
|	**Cr**	**52**	**0.049**	ug/L	0.007	13	18857	19267	1	Standard
|	**Cr**	**53**	**0.005**	ug/L	0.003	54	226	233	2	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.002	85	916	957	5	Standard
⌈>	**Ge**	**72**		ug/L			83989	81201	3	KED
|	**Ni**	**60**	**-0.004**	ug/L	0.007	166	22	15	61	KED
|	**Ni**	**62**	**-0.018**	ug/L	0.004	22	8	4	24	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.000	3153	95	92	4	KED
|	**Cu**	**65**	**-0.006**	ug/L	0.005	77	56	41	27	KED
|	**Zn**	**66**	**-0.016**	ug/L	0.009	53	246	227	4	KED
|	**Zn**	**67**	**0.042**	ug/L	0.096	230	31	34	27	KED
|	**As**	**75**	**-0.001**	ug/L	0.004	618	3	3	45	KED
⌊	**Se**	**78**	**0.031**	ug/L	0.065	210	15	15	12	KED
	Y	**89**		ug/L			563849	565527	3	Standard
	Kr	**83**		ug/L			276	282	6	Standard
⌈>	**In-1**	**115**		ug/L			22828	23433	0	KED
|	**Mo**	**98**	**-0.002**	ug/L	0.002	102	13	9	43	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.001	72	5	4	12	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.002	48	7	3	54	KED
⌈>	**In**	**115**		ug/L			1003599	989632	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	25	30	53	12	Standard
|	**Ba**	**135**	**0.003**	ug/L	0.000	16	71	88	4	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.002	54	117	157	13	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2134540	1	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	8	969	683	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 03:56:25
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29423	1	Standard
	Cl	**37**		ug/L			5938709	6340592	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1134508	0	Standard
|	**Cr**	**52**	**54.872**	ug/L	0.694	1	18857	1222401	1	Standard
|	**Cr**	**53**	**49.190**	ug/L	0.878	1	226	142544	0	Standard
⌊	**Mn**	**55**	**56.305**	ug/L	0.226	0	916	1827201	1	Standard
⌈>	**Ge**	**72**		ug/L			83989	82554	1	KED
|	**Ni**	**60**	**48.041**	ug/L	0.147	0	22	69410	1	KED
|	**Ni**	**62**	**47.230**	ug/L	0.386	0	8	11117	1	KED
|	**Cu**	**63**	**48.681**	ug/L	0.188	0	95	200453	1	KED
|	**Cu**	**65**	**48.468**	ug/L	0.683	1	56	99383	0	KED
|	**Zn**	**66**	**47.859**	ug/L	0.633	1	246	30754	0	KED
|	**Zn**	**67**	**48.241**	ug/L	2.016	4	31	5021	2	KED
|	**As**	**75**	**48.299**	ug/L	1.199	2	3	15645	0	KED
⌊	**Se**	**78**	**46.059**	ug/L	1.013	2	15	1795	1	KED
	Y	**89**		ug/L			563849	580877	0	Standard
	Kr	**83**		ug/L			276	322	0	Standard
⌈>	**In-1**	**115**		ug/L			22828	23740	1	KED
|	**Mo**	**98**	**47.030**	ug/L	1.307	2	13	80339	2	KED
|	**Cd**	**111**	**47.928**	ug/L	0.421	0	5	18359	0	KED
⌊	**Cd**	**114**	**48.119**	ug/L	1.233	2	7	46646	1	KED
⌈>	**In**	**115**		ug/L			1003599	991295	2	Standard
|	**Ag**	**107**	**49.442**	ug/L	0.579	1	30	694298	1	Standard
|	**Ba**	**135**	**50.626**	ug/L	1.653	3	71	333056	1	Standard
⌊	**Ba**	**137**	**50.690**	ug/L	1.824	3	117	592550	1	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2166276	0	Standard
⌊	**Pb**	**208**	**49.830**	ug/L	0.655	1	969	4634762	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:02:43
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27488	0	Standard
	Cl	**37**		ug/L			5938709	6238259	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1115879	1	Standard
|	**Cr**	**52**	**0.030**	ug/L	0.012	39	18857	18972	1	Standard
|	**Cr**	**53**	**-0.002**	ug/L	0.007	395	226	215	10	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.001	18	916	1101	4	Standard
⌈>	**Ge**	**72**		ug/L			83989	80210	3	KED
|	**Ni**	**60**	**0.010**	ug/L	0.009	88	22	36	36	KED
|	**Ni**	**62**	**-0.007**	ug/L	0.013	187	8	6	41	KED
|	**Cu**	**63**	**0.037**	ug/L	0.003	9	95	240	9	KED
|	**Cu**	**65**	**0.028**	ug/L	0.002	5	56	110	5	KED
|	**Zn**	**66**	**0.050**	ug/L	0.014	28	246	266	5	KED
|	**Zn**	**67**	**0.160**	ug/L	0.050	31	31	46	9	KED
|	**As**	**75**	**0.006**	ug/L	0.002	42	3	4	14	KED
⌊	**Se**	**78**	**0.015**	ug/L	0.050	322	15	15	9	KED
	Y	**89**		ug/L			563849	561681	1	Standard
	Kr	**83**		ug/L			276	248	19	Standard
⌈>	**In-1**	**115**		ug/L			22828	23031	1	KED
|	**Mo**	**98**	**0.015**	ug/L	0.010	69	13	38	44	KED
|	**Cd**	**111**	**0.002**	ug/L	0.002	155	5	5	16	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.002	46	7	3	51	KED
⌈>	**In**	**115**		ug/L			1003599	990173	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	16	30	60	8	Standard
|	**Ba**	**135**	**0.029**	ug/L	0.005	16	71	264	11	Standard
⌊	**Ba**	**137**	**0.030**	ug/L	0.003	8	117	462	7	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2125965	0	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.000	450	969	954	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-28
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:06:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	53087	2	Standard
	Cl	37		ug/L			5938709	5986949	0	Standard
>	Sc	45		ug/L			1148882	1185571	0	Standard
	Cr	52	0.426	ug/L	0.015	3	18857	29226	1	Standard
	Cr	53	0.349	ug/L	0.004	1	226	1289	1	Standard
	Mn	55	9.474	ug/L	0.142	1	916	322044	0	Standard
>	Ge	72		ug/L			83989	82489	3	KED
	Ni	60	0.535	ug/L	0.016	3	22	795	6	KED
	Ni	62	0.572	ug/L	0.067	11	8	143	14	KED
	Cu	63	0.463	ug/L	0.005	1	95	1998	4	KED
	Cu	65	0.454	ug/L	0.013	2	56	985	5	KED
	Zn	66	2.149	ug/L	0.126	5	246	1611	6	KED
	Zn	67	2.641	ug/L	0.119	4	31	304	2	KED
	As	75	0.617	ug/L	0.025	3	3	203	2	KED
	Se	78	0.121	ug/L	0.105	87	15	19	20	KED
	Y	89		ug/L			563849	583111	2	Standard
	Kr	83		ug/L			276	304	8	Standard
>	In-1	115		ug/L			22828	23805	2	KED
	Mo	98	0.481	ug/L	0.032	6	13	837	5	KED
	Cd	111	0.026	ug/L	0.012	46	5	15	33	KED
	Cd	114	0.011	ug/L	0.007	60	7	18	35	KED
>	In	115		ug/L			1003599	1045542	2	Standard
	Ag	107	0.001	ug/L	0.000	29	30	46	9	Standard
	Ba	135	8.916	ug/L	0.247	2	71	61936	0	Standard
	Ba	137	9.046	ug/L	0.245	2	117	111651	1	Standard
>	Tb	159		ug/L			2136919	2217964	0	Standard
	Pb	208	0.091	ug/L	0.003	3	969	9631	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-29
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:09:52
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	54169	0	Standard
	Cl	**37**		ug/L			5938709	5841411	1	Standard
>	**Sc**	**45**		ug/L			1148882	1205792	1	Standard
	Cr	**52**	**0.179**	ug/L	0.007	3	18857	23971	1	Standard
	Cr	**53**	**0.166**	ug/L	0.008	5	226	748	2	Standard
	Mn	**55**	**30.523**	ug/L	0.340	1	916	1053099	1	Standard
>	**Ge**	**72**		ug/L			83989	85158	0	KED
	Ni	**60**	**6.464**	ug/L	0.081	1	22	9653	1	KED
	Ni	**62**	**8.314**	ug/L	0.395	4	8	2026	4	KED
	Cu	**63**	**867.856**	ug/L	8.182	0	95	3684940	1	KED
	Cu	**65**	**918.478**	ug/L	13.428	1	56	1942066	1	KED
	Zn	**66**	**901.573**	ug/L	18.462	2	246	593244	1	KED
	Zn	**67**	**854.996**	ug/L	19.305	2	31	91317	2	KED
	As	**75**	**0.010**	ug/L	0.004	41	3	6	21	KED
	Se	**78**	**0.148**	ug/L	0.055	36	15	21	10	KED
	Y	**89**		ug/L			563849	582319	2	Standard
	Kr	**83**		ug/L			276	276	3	Standard
>	**In-1**	**115**		ug/L			22828	24002	0	KED
	Mo	**98**	**0.011**	ug/L	0.001	12	13	33	7	KED
	Cd	**111**	**7.382**	ug/L	0.156	2	5	2863	2	KED
	Cd	**114**	**7.253**	ug/L	0.130	1	7	7116	1	KED
>	**In**	**115**		ug/L			1003599	1040883	0	Standard
	Ag	**107**	**0.010**	ug/L	0.002	19	30	184	15	Standard
	Ba	**135**	**33.575**	ug/L	0.457	1	71	232073	0	Standard
	Ba	**137**	**33.597**	ug/L	0.155	0	117	412678	0	Standard
>	**Tb**	**159**		ug/L			2136919	2195280	0	Standard
	Pb	**208**	**0.011**	ug/L	0.000	4	969	2034	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-31
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:13:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	55980	1	Standard
	Cl	37		ug/L			5938709	5923051	2	Standard
>	Sc	45		ug/L			1148882	1184452	1	Standard
	Cr	52	0.443	ug/L	0.016	3	18857	29577	2	Standard
	Cr	53	0.404	ug/L	0.007	1	226	1452	0	Standard
	Mn	55	18.816	ug/L	0.434	2	916	637980	1	Standard
>	Ge	72		ug/L			83989	78626	10	KED
	Ni	60	18.189	ug/L	1.126	6	22	24934	4	KED
	Ni	62	18.313	ug/L	1.281	6	8	4090	3	KED
	Cu	63	2.948	ug/L	0.155	5	95	11605	5	KED
	Cu	65	3.006	ug/L	0.167	5	56	5900	6	KED
	Zn	66	16.328	ug/L	0.911	5	246	10107	5	KED
	Zn	67	16.008	ug/L	0.392	2	31	1605	8	KED
	As	75	0.477	ug/L	0.064	13	3	148	2	KED
	Se	78	0.091	ug/L	0.173	189	15	17	24	KED
	Y	89		ug/L			563849	583090	0	Standard
	Kr	83		ug/L			276	292	2	Standard
>	In-1	115		ug/L			22828	23673	2	KED
	Mo	98	0.473	ug/L	0.010	2	13	820	3	KED
	Cd	111	0.110	ug/L	0.023	20	5	46	16	KED
	Cd	114	0.132	ug/L	0.022	16	7	135	14	KED
>	In	115		ug/L			1003599	1046069	0	Standard
	Ag	107	0.002	ug/L	0.000	18	30	62	9	Standard
	Ba	135	6.868	ug/L	0.131	1	71	47768	1	Standard
	Ba	137	6.826	ug/L	0.112	1	117	84355	0	Standard
>	Tb	159		ug/L			2136919	2192809	1	Standard
	Pb	208	0.092	ug/L	0.001	1	969	9675	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-32
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:17:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	53764	3	Standard
	Cl	**37**		ug/L			5938709	5701172	2	Standard
>	**Sc**	**45**		ug/L			1148882	1206297	2	Standard
	Cr	**52**	**0.123**	ug/L	0.023	18	18857	22661	0	Standard
	Cr	**53**	**0.128**	ug/L	0.006	5	226	630	4	Standard
	Mn	**55**	**86.921**	ug/L	1.500	1	916	2997901	0	Standard
>	**Ge**	**72**		ug/L			83989	83874	0	KED
	Ni	**60**	**19.419**	ug/L	0.323	1	22	28519	1	KED
	Ni	**62**	**31.191**	ug/L	0.782	2	8	7463	3	KED
	Cu	**63**	**5010.063**	ug/L	27.032	0	95	20950673	0	KED
	Cu	**65**	**5044.338**	ug/L	71.177	1	56	10504847	1	KED
	Zn	**66**	**2377.692**	ug/L	22.535	0	246	1540602	1	KED
	Zn	**67**	**2228.104**	ug/L	14.575	0	31	234325	0	KED
	As	**75**	**0.025**	ug/L	0.009	35	3	11	25	KED
	Se	**78**	**0.280**	ug/L	0.005	1	15	26	0	KED
	Y	**89**		ug/L			563849	655124	1	Standard
	Kr	**83**		ug/L			276	302	3	Standard
>	**In-1**	**115**		ug/L			22828	23996	1	KED
	Mo	**98**	**0.004**	ug/L	0.007	197	13	20	63	KED
	Cd	**111**	**21.995**	ug/L	0.635	2	5	8517	1	KED
	Cd	**114**	**22.187**	ug/L	0.580	2	7	21743	1	KED
>	**In**	**115**		ug/L			1003599	1073679	0	Standard
	Ag	**107**	**0.034**	ug/L	0.002	5	30	553	5	Standard
	Ba	**135**	**18.574**	ug/L	0.445	2	71	132469	2	Standard
	Ba	**137**	**18.538**	ug/L	0.088	0	117	234942	0	Standard
>	**Tb**	**159**		ug/L			2136919	2240102	0	Standard
	Pb	**208**	**0.054**	ug/L	0.000	0	969	6217	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-33
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:20:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	53917	2	Standard
	Cl	**37**		ug/L			5938709	5723513	3	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1210917	1	Standard
|	**Cr**	**52**	**0.229**	ug/L	0.024	10	18857	25225	0	Standard
|	**Cr**	**53**	**0.249**	ug/L	0.008	3	226	1009	2	Standard
⌊	**Mn**	**55**	**120.217**	ug/L	1.908	1	916	4162255	0	Standard
⌈>	**Ge**	**72**		ug/L			83989	83487	1	KED
|	**Ni**	**60**	**5.782**	ug/L	0.158	2	22	8466	1	KED
|	**Ni**	**62**	**11.840**	ug/L	0.201	1	8	2825	2	KED
|	**Cu**	**63**	**2637.691**	ug/L	27.214	1	95	10979139	1	KED
|	**Cu**	**65**	**2694.381**	ug/L	28.216	1	56	5584674	0	KED
|	**Zn**	**66**	**2712.467**	ug/L	36.033	1	246	1749210	1	KED
|	**Zn**	**67**	**2509.334**	ug/L	30.118	1	31	262666	1	KED
|	**As**	**75**	**0.015**	ug/L	0.006	37	3	8	21	KED
⌊	**Se**	**78**	**0.257**	ug/L	0.120	46	15	25	18	KED
	Y	**89**		ug/L			563849	598453	0	Standard
	Kr	**83**		ug/L			276	309	7	Standard
⌈>	**In-1**	**115**		ug/L			22828	24160	3	KED
|	**Mo**	**98**	**0.004**	ug/L	0.004	113	13	21	39	KED
|	**Cd**	**111**	**20.224**	ug/L	0.495	2	5	7883	0	KED
⌊	**Cd**	**114**	**20.355**	ug/L	0.560	2	7	20077	0	KED
⌈>	**In**	**115**		ug/L			1003599	1066439	1	Standard
|	**Ag**	**107**	**0.014**	ug/L	0.002	14	30	244	13	Standard
|	**Ba**	**135**	**31.892**	ug/L	0.505	1	71	225846	1	Standard
⌊	**Ba**	**137**	**31.567**	ug/L	0.787	2	117	397214	2	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2227917	0	Standard
⌊	**Pb**	**208**	**0.042**	ug/L	0.001	1	969	5014	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-34
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:24:08
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	53347	1	Standard
	Cl	**37**		ug/L			5938709	5697917	0	Standard
>	**Sc**	**45**		ug/L			1148882	1226692	0	Standard
	Cr	**52**	**0.183**	ug/L	0.016	8	18857	24468	1	Standard
	Cr	**53**	**0.217**	ug/L	0.009	4	226	920	3	Standard
	Mn	**55**	**169.788**	ug/L	1.658	0	916	5955602	1	Standard
>	**Ge**	**72**		ug/L			83989	82073	2	KED
	Ni	**60**	**7.279**	ug/L	0.070	0	22	10476	3	KED
	Ni	**62**	**17.338**	ug/L	0.354	2	8	4062	1	KED
	Cu	**63**	**4218.555**	ug/L	115.649	2	95	17255929	1	KED
	Cu	**65**	**4306.749**	ug/L	58.331	1	56	8775193	2	KED
	Zn	**66**	**3709.115**	ug/L	52.357	1	246	2351192	1	KED
	Zn	**67**	**3657.965**	ug/L	97.698	2	31	376275	0	KED
	As	**75**	**0.025**	ug/L	0.013	49	3	11	37	KED
	Se	**78**	**0.302**	ug/L	0.031	10	15	26	6	KED
	Y	**89**		ug/L			563849	679404	0	Standard
	Kr	**83**		ug/L			276	298	5	Standard
>	**In-1**	**115**		ug/L			22828	21995	8	KED
	Mo	**98**	**0.023**	ug/L	0.007	29	13	50	28	KED
	Cd	**111**	**31.070**	ug/L	2.536	8	5	10975	1	KED
	Cd	**114**	**31.319**	ug/L	2.373	7	7	28009	1	KED
>	**In**	**115**		ug/L			1003599	1096666	1	Standard
	Ag	**107**	**0.021**	ug/L	0.001	4	30	359	3	Standard
	Ba	**135**	**24.506**	ug/L	0.044	0	71	178495	1	Standard
	Ba	**137**	**24.672**	ug/L	0.174	0	117	319337	1	Standard
>	**Tb**	**159**		ug/L			2136919	2271723	1	Standard
	Pb	**208**	**0.051**	ug/L	0.001	2	969	5990	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-35
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:28:06
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	54005	1	Standard
	Cl	**37**		ug/L			5938709	5748134	0	Standard
>	**Sc**	**45**		ug/L			1148882	1192308	0	Standard
	Cr	**52**	**0.152**	ug/L	0.017	11	18857	23077	1	Standard
	Cr	**53**	**0.175**	ug/L	0.004	2	226	767	2	Standard
	Mn	**55**	**52.494**	ug/L	0.573	1	916	1790482	1	Standard
>	**Ge**	**72**		ug/L			83989	83370	1	KED
	Ni	**60**	**5.394**	ug/L	0.004	0	22	7890	1	KED
	Ni	**62**	**9.550**	ug/L	0.423	4	8	2277	4	KED
	Cu	**63**	**1844.023**	ug/L	40.993	2	95	7663968	1	KED
	Cu	**65**	**1856.065**	ug/L	38.428	2	56	3841380	1	KED
	Zn	**66**	**1597.026**	ug/L	18.968	1	246	1028522	0	KED
	Zn	**67**	**1503.186**	ug/L	5.720	0	31	157146	1	KED
	As	**75**	**0.023**	ug/L	0.003	14	3	10	9	KED
	Se	**78**	**0.126**	ug/L	0.092	72	15	20	16	KED
	Y	**89**		ug/L			563849	563741	0	Standard
	Kr	**83**		ug/L			276	268	7	Standard
>	**In-1**	**115**		ug/L			22828	23965	1	KED
	Mo	**98**	**0.032**	ug/L	0.015	47	13	70	39	KED
	Cd	**111**	**12.952**	ug/L	0.242	1	5	5011	0	KED
	Cd	**114**	**13.100**	ug/L	0.217	1	7	12825	1	KED
>	**In**	**115**		ug/L			1003599	1087149	0	Standard
	Ag	**107**	**0.010**	ug/L	0.001	9	30	180	7	Standard
	Ba	**135**	**26.382**	ug/L	0.231	0	71	190500	1	Standard
	Ba	**137**	**26.550**	ug/L	0.464	1	117	340674	2	Standard
>	**Tb**	**159**		ug/L			2136919	2249501	1	Standard
	Pb	**208**	**0.028**	ug/L	0.001	1	969	3763	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-36
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:32:04
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	56568	2	Standard
	Cl	**37**		ug/L			5938709	5679912	0	Standard
>	**Sc**	**45**		ug/L			1148882	1181680	1	Standard
	Cr	**52**	**0.131**	ug/L	0.007	5	18857	22385	1	Standard
	Cr	**53**	**0.168**	ug/L	0.006	3	226	739	4	Standard
	Mn	**55**	**39.342**	ug/L	0.795	2	916	1329767	0	Standard
>	**Ge**	**72**		ug/L			83989	82111	0	KED
	Ni	**60**	**5.746**	ug/L	0.048	0	22	8277	0	KED
	Ni	**62**	**8.414**	ug/L	0.194	2	8	1977	2	KED
	Cu	**63**	**1210.890**	ug/L	10.224	0	95	4957286	0	KED
	Cu	**65**	**1233.375**	ug/L	5.635	0	56	2514548	0	KED
	Zn	**66**	**1228.862**	ug/L	21.438	1	246	779577	1	KED
	Zn	**67**	**1156.806**	ug/L	13.182	1	31	119117	0	KED
	As	**75**	**0.016**	ug/L	0.003	18	3	8	11	KED
	Se	**78**	**0.101**	ug/L	0.147	145	15	18	30	KED
	Y	**89**		ug/L			563849	560681	2	Standard
	Kr	**83**		ug/L			276	280	6	Standard
>	**In-1**	**115**		ug/L			22828	23837	2	KED
	Mo	**98**	**0.006**	ug/L	0.002	30	13	25	10	KED
	Cd	**111**	**9.831**	ug/L	0.415	4	5	3783	2	KED
	Cd	**114**	**9.886**	ug/L	0.408	4	7	9625	3	KED
>	**In**	**115**		ug/L			1003599	1067034	0	Standard
	Ag	**107**	**0.011**	ug/L	0.002	15	30	193	11	Standard
	Ba	**135**	**24.346**	ug/L	0.138	0	71	172545	0	Standard
	Ba	**137**	**24.125**	ug/L	0.417	1	117	303800	1	Standard
>	**Tb**	**159**		ug/L			2136919	2227579	1	Standard
	Pb	**208**	**0.009**	ug/L	0.000	5	969	1866	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-37
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:37:03
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51734	1	Standard
	Cl	37		ug/L			5938709	5757057	1	Standard
>	Sc	45		ug/L			1148882	1129625	1	Standard
	Cr	52	0.150	ug/L	0.003	1	18857	21821	2	Standard
	Cr	53	0.239	ug/L	0.011	4	226	910	3	Standard
	Mn	55	2.455	ug/L	0.033	1	916	80168	0	Standard
>	Ge	72		ug/L			83989	78373	0	KED
	Ni	60	0.244	ug/L	0.009	3	22	355	2	KED
	Ni	62	0.204	ug/L	0.020	9	8	53	8	KED
	Cu	63	1.825	ug/L	0.005	0	95	7221	0	KED
	Cu	65	1.849	ug/L	0.085	4	56	3652	5	KED
	Zn	66	25.225	ug/L	0.154	0	246	15499	1	KED
	Zn	67	24.166	ug/L	0.448	1	31	2404	1	KED
	As	75	0.335	ug/L	0.015	4	3	106	3	KED
	Se	78	0.126	ug/L	0.023	18	15	18	4	KED
	Y	89		ug/L			563849	538538	1	Standard
	Kr	83		ug/L			276	273	13	Standard
>	In-1	115		ug/L			22828	22955	0	KED
	Mo	98	0.396	ug/L	0.010	2	13	666	2	KED
	Cd	111	0.252	ug/L	0.021	8	5	98	7	KED
	Cd	114	0.243	ug/L	0.010	4	7	234	3	KED
>	In	115		ug/L			1003599	1015752	1	Standard
	Ag	107	0.001	ug/L	0.001	106	30	38	20	Standard
	Ba	135	13.019	ug/L	0.114	0	71	87858	1	Standard
	Ba	137	13.262	ug/L	0.290	2	117	158998	0	Standard
>	Tb	159		ug/L			2136919	2164622	1	Standard
	Pb	208	0.030	ug/L	0.001	3	969	3767	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:44:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29613	4	Standard
	Cl	**37**		ug/L			5938709	5973096	6	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1047674	12	Standard
|	**Cr**	**52**	**0.058**	ug/L	0.083	142	18857	18235	4	Standard
|	**Cr**	**53**	**0.008**	ug/L	0.011	138	226	225	2	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.005	95	916	989	2	Standard
⌈>	**Ge**	**72**		ug/L			83989	79501	2	KED
|	**Ni**	**60**	**0.002**	ug/L	0.000	18	22	24	0	KED
|	**Ni**	**62**	**-0.012**	ug/L	0.008	65	8	5	33	KED
|	**Cu**	**63**	**0.016**	ug/L	0.004	26	95	153	12	KED
|	**Cu**	**65**	**0.006**	ug/L	0.013	237	56	64	41	KED
|	**Zn**	**66**	**0.010**	ug/L	0.034	329	246	239	8	KED
|	**Zn**	**67**	**0.049**	ug/L	0.106	215	31	34	30	KED
|	**As**	**75**	**0.005**	ug/L	0.006	105	3	4	34	KED
⌊	**Se**	**78**	**0.020**	ug/L	0.096	478	15	15	25	KED
	Y	**89**		ug/L			563849	517001	12	Standard
	Kr	**83**		ug/L			276	283	9	Standard
⌈>	**In-1**	**115**		ug/L			22828	23311	2	KED
|	**Mo**	**98**	**-0.003**	ug/L	0.004	116	13	7	80	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.004	352	5	4	34	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.006	910	7	8	67	KED
⌈>	**In**	**115**		ug/L			1003599	973425	13	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	54	30	22	26	Standard
|	**Ba**	**135**	**0.006**	ug/L	0.003	44	71	105	11	Standard
⌊	**Ba**	**137**	**0.003**	ug/L	0.002	83	117	146	12	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2054076	8	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.001	19	969	640	15	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:48:00
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29745	1	Standard
	Cl	**37**		ug/L			5938709	6364830	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1145040	0	Standard
|	**Cr**	**52**	**54.755**	ug/L	1.273	2	18857	1231145	2	Standard
|	**Cr**	**53**	**49.047**	ug/L	0.114	0	226	143467	0	Standard
⌊	**Mn**	**55**	**56.903**	ug/L	0.463	0	916	1863732	0	Standard
⌈>	**Ge**	**72**		ug/L			83989	82156	1	KED
|	**Ni**	**60**	**47.553**	ug/L	0.615	1	22	68368	1	KED
|	**Ni**	**62**	**48.162**	ug/L	0.723	1	8	11283	2	KED
|	**Cu**	**63**	**47.925**	ug/L	0.536	1	95	196383	1	KED
|	**Cu**	**65**	**48.452**	ug/L	0.152	0	56	98888	1	KED
|	**Zn**	**66**	**47.900**	ug/L	0.356	0	246	30639	2	KED
|	**Zn**	**67**	**47.661**	ug/L	1.249	2	31	4941	4	KED
|	**As**	**75**	**47.623**	ug/L	0.711	1	3	15354	0	KED
⌊	**Se**	**78**	**45.998**	ug/L	0.526	1	15	1785	2	KED
	Y	**89**		ug/L			563849	568116	2	Standard
	Kr	**83**		ug/L			276	260	11	Standard
⌈>	**In-1**	**115**		ug/L			22828	23803	0	KED
|	**Mo**	**98**	**47.534**	ug/L	0.299	0	13	81425	0	KED
|	**Cd**	**111**	**48.894**	ug/L	0.725	1	5	18779	1	KED
⌊	**Cd**	**114**	**48.898**	ug/L	0.206	0	7	47535	0	KED
⌈>	**In**	**115**		ug/L			1003599	1049311	0	Standard
|	**Ag**	**107**	**47.532**	ug/L	0.366	0	30	706709	1	Standard
|	**Ba**	**135**	**48.250**	ug/L	0.882	1	71	336189	1	Standard
⌊	**Ba**	**137**	**49.063**	ug/L	0.324	0	117	607473	0	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2231327	2	Standard
⌊	**Pb**	**208**	**50.108**	ug/L	0.892	1	969	4799723	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:54:18
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27252	0	Standard
	Cl	**37**		ug/L			5938709	6171092	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1111269	5	Standard
|	**Cr**	**52**	**0.020**	ug/L	0.037	185	18857	18645	1	Standard
|	**Cr**	**53**	**-0.000**	ug/L	0.005	35960	226	218	0	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.002	29	916	1131	2	Standard
⌈>	**Ge**	**72**		ug/L			83989	83008	1	KED
|	**Ni**	**60**	**0.012**	ug/L	0.002	12	22	40	4	KED
|	**Ni**	**62**	**-0.016**	ug/L	0.010	61	8	5	43	KED
|	**Cu**	**63**	**0.044**	ug/L	0.014	30	95	276	19	KED
|	**Cu**	**65**	**0.041**	ug/L	0.005	12	56	140	8	KED
|	**Zn**	**66**	**0.082**	ug/L	0.030	36	246	295	7	KED
|	**Zn**	**67**	**0.149**	ug/L	0.200	133	31	46	44	KED
|	**As**	**75**	**0.002**	ug/L	0.006	285	3	3	48	KED
⌊	**Se**	**78**	**0.008**	ug/L	0.016	191	15	15	4	KED
	Y	**89**		ug/L			563849	554410	4	Standard
	Kr	**83**		ug/L			276	275	11	Standard
⌈>	**In-1**	**115**		ug/L			22828	24248	1	KED
|	**Mo**	**98**	**0.012**	ug/L	0.006	52	13	35	31	KED
|	**Cd**	**111**	**0.001**	ug/L	0.009	1003	5	5	60	KED
⌊	**Cd**	**114**	**0.000**	ug/L	0.008	6924	7	7	99	KED
⌈>	**In**	**115**		ug/L			1003599	1025463	5	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	18	30	53	7	Standard
|	**Ba**	**135**	**0.027**	ug/L	0.002	6	71	253	7	Standard
⌊	**Ba**	**137**	**0.029**	ug/L	0.003	11	117	463	3	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2142238	3	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.001	272	969	953	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-38
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 04:57:53
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	50724	1	Standard
	Cl	37		ug/L			5938709	6007959	1	Standard
>	Sc	45		ug/L			1148882	1201909	0	Standard
	Cr	52	0.191	ug/L	0.018	9	18857	24167	0	Standard
	Cr	53	0.186	ug/L	0.016	8	226	807	6	Standard
	Mn	55	14.905	ug/L	0.191	1	916	513098	0	Standard
>	Ge	72		ug/L			83989	83838	2	KED
	Ni	60	0.279	ug/L	0.017	6	22	432	4	KED
	Ni	62	0.245	ug/L	0.051	20	8	67	15	KED
	Cu	63	2.278	ug/L	0.081	3	95	9612	1	KED
	Cu	65	2.242	ug/L	0.051	2	56	4720	1	KED
	Zn	66	6.783	ug/L	0.041	0	246	4638	2	KED
	Zn	67	6.815	ug/L	0.748	10	31	746	8	KED
	As	75	0.572	ug/L	0.023	3	3	191	2	KED
	Se	78	0.081	ug/L	0.040	48	15	18	11	KED
	Y	89		ug/L			563849	567736	1	Standard
	Kr	83		ug/L			276	261	11	Standard
>	In-1	115		ug/L			22828	24360	0	KED
	Mo	98	0.498	ug/L	0.024	4	13	887	4	KED
	Cd	111	0.039	ug/L	0.023	58	5	20	43	KED
	Cd	114	0.052	ug/L	0.022	42	7	59	37	KED
>	In	115		ug/L			1003599	1084355	1	Standard
	Ag	107	0.001	ug/L	0.000	21	30	53	9	Standard
	Ba	135	5.740	ug/L	0.196	3	71	41384	2	Standard
	Ba	137	5.781	ug/L	0.192	3	117	74062	2	Standard
>	Tb	159		ug/L			2136919	2242257	0	Standard
	Pb	208	0.063	ug/L	0.001	0	969	7109	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-39
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:01:27
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	48095	1	Standard
	Cl	37		ug/L			5938709	6028032	1	Standard
>	Sc	45		ug/L			1148882	1204068	1	Standard
	Cr	52	0.282	ug/L	0.021	7	18857	26331	0	Standard
	Cr	53	0.253	ug/L	0.005	2	226	1014	2	Standard
	Mn	55	0.175	ug/L	0.004	2	916	6985	1	Standard
>	Ge	72		ug/L			83989	83167	0	KED
	Ni	60	0.056	ug/L	0.004	6	22	104	4	KED
	Ni	62	0.032	ug/L	0.016	50	8	16	24	KED
	Cu	63	0.306	ug/L	0.006	2	95	1362	2	KED
	Cu	65	0.281	ug/L	0.023	8	56	636	7	KED
	Zn	66	3.778	ug/L	0.131	3	246	2670	3	KED
	Zn	67	3.705	ug/L	0.028	0	31	417	0	KED
	As	75	0.019	ug/L	0.011	58	3	9	38	KED
	Se	78	0.053	ug/L	0.155	291	15	17	35	KED
	Y	89		ug/L			563849	581707	1	Standard
	Kr	83		ug/L			276	274	7	Standard
>	In-1	115		ug/L			22828	24067	1	KED
	Mo	98	0.614	ug/L	0.035	5	13	1076	4	KED
	Cd	111	0.060	ug/L	0.016	26	5	28	20	KED
	Cd	114	0.057	ug/L	0.019	34	7	63	27	KED
>	In	115		ug/L			1003599	1092118	0	Standard
	Ag	107	0.001	ug/L	0.000	63	30	43	14	Standard
	Ba	135	3.358	ug/L	0.073	2	71	24425	1	Standard
	Ba	137	3.332	ug/L	0.020	0	117	43064	1	Standard
>	Tb	159		ug/L			2136919	2268167	1	Standard
	Pb	208	-0.001	ug/L	0.000	21	969	883	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-40
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:05:01
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	49976	1	Standard
	Cl	37		ug/L			5938709	6064384	0	Standard
>	Sc	45		ug/L			1148882	1210061	1	Standard
	Cr	52	0.224	ug/L	0.001	0	18857	25102	1	Standard
	Cr	53	0.228	ug/L	0.012	5	226	941	4	Standard
	Mn	55	0.629	ug/L	0.002	0	916	22733	1	Standard
>	Ge	72		ug/L			83989	84164	0	KED
	Ni	60	0.081	ug/L	0.008	9	22	142	8	KED
	Ni	62	0.053	ug/L	0.048	90	8	21	53	KED
	Cu	63	0.221	ug/L	0.007	3	95	1023	2	KED
	Cu	65	0.223	ug/L	0.005	2	56	521	2	KED
	Zn	66	4.864	ug/L	0.293	6	246	3408	5	KED
	Zn	67	5.097	ug/L	0.272	5	31	569	4	KED
	As	75	0.018	ug/L	0.001	3	3	9	2	KED
	Se	78	0.148	ug/L	0.022	14	15	21	4	KED
	Y	89		ug/L			563849	587364	2	Standard
	Kr	83		ug/L			276	288	9	Standard
>	In-1	115		ug/L			22828	23817	1	KED
	Mo	98	0.281	ug/L	0.003	1	13	494	1	KED
	Cd	111	0.076	ug/L	0.014	18	5	34	15	KED
	Cd	114	0.066	ug/L	0.011	16	7	72	16	KED
>	In	115		ug/L			1003599	1095719	0	Standard
	Ag	107	0.001	ug/L	0.001	79	30	52	29	Standard
	Ba	135	4.733	ug/L	0.073	1	71	34510	1	Standard
	Ba	137	4.659	ug/L	0.065	1	117	60359	1	Standard
>	Tb	159		ug/L			2136919	2262209	0	Standard
	Pb	208	0.004	ug/L	0.001	21	969	1385	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-41
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:08:35
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	48246	0	Standard
	Cl	37		ug/L			5938709	5988689	1	Standard
>	Sc	45		ug/L			1148882	1187522	1	Standard
	Cr	52	0.479	ug/L	0.020	4	18857	30488	0	Standard
	Cr	53	0.464	ug/L	0.007	1	226	1640	1	Standard
	Mn	55	0.131	ug/L	0.000	0	916	5401	1	Standard
>	Ge	72		ug/L			83989	83998	2	KED
	Ni	60	0.308	ug/L	0.021	6	22	475	5	KED
	Ni	62	0.274	ug/L	0.070	25	8	74	20	KED
	Cu	63	0.318	ug/L	0.012	3	95	1426	0	KED
	Cu	65	0.324	ug/L	0.025	7	56	732	8	KED
	Zn	66	5.761	ug/L	0.183	3	246	3983	2	KED
	Zn	67	5.511	ug/L	0.175	3	31	612	3	KED
	As	75	0.033	ug/L	0.010	31	3	14	24	KED
	Se	78	0.129	ug/L	0.111	86	15	20	18	KED
	Y	89		ug/L			563849	567055	1	Standard
	Kr	83		ug/L			276	274	9	Standard
>	In-1	115		ug/L			22828	23553	1	KED
	Mo	98	0.684	ug/L	0.025	3	13	1172	2	KED
	Cd	111	0.050	ug/L	0.009	18	5	24	12	KED
	Cd	114	0.079	ug/L	0.013	17	7	83	14	KED
>	In	115		ug/L			1003599	1057761	1	Standard
	Ag	107	-0.000	ug/L	0.001	169	30	27	28	Standard
	Ba	135	3.637	ug/L	0.072	1	71	25608	0	Standard
	Ba	137	3.611	ug/L	0.047	1	117	45183	1	Standard
>	Tb	159		ug/L			2136919	2226555	0	Standard
	Pb	208	-0.003	ug/L	0.000	10	969	698	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-42
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:12:33
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	51244	2	Standard
	Cl	37		ug/L			5938709	5686779	1	Standard
>	Sc	45		ug/L			1148882	1236165	1	Standard
	Cr	52	-0.022	ug/L	0.008	38	18857	19770	2	Standard
	Cr	53	0.121	ug/L	0.008	6	226	624	2	Standard
	Mn	55	1146.971	ug/L	13.649	1	916	40537712	1	Standard
>	Ge	72		ug/L			83989	77553	1	KED
	Ni	60	13.359	ug/L	0.194	1	22	18149	2	KED
	Ni	62	13.235	ug/L	0.479	3	8	2931	2	KED
	Cu	63	32.838	ug/L	0.520	1	95	127046	0	KED
	Cu	65	32.164	ug/L	0.052	0	56	61985	1	KED
	Zn	66	353.133	ug/L	1.966	0	246	211769	2	KED
	Zn	67	328.151	ug/L	2.854	0	31	31933	0	KED
	As	75	0.096	ug/L	0.010	10	3	32	7	KED
	Se	78	0.211	ug/L	0.033	15	15	21	4	KED
	Y	89		ug/L			563849	709993	1	Standard
	Kr	83		ug/L			276	316	6	Standard
>	In-1	115		ug/L			22828	22652	1	KED
	Mo	98	-0.000	ug/L	0.001	4331	13	13	18	KED
	Cd	111	2.402	ug/L	0.089	3	5	882	3	KED
	Cd	114	2.404	ug/L	0.077	3	7	2230	4	KED
>	In	115		ug/L			1003599	1055551	1	Standard
	Ag	107	0.008	ug/L	0.002	21	30	156	15	Standard
	Ba	135	9.796	ug/L	0.034	0	71	68723	1	Standard
	Ba	137	9.799	ug/L	0.253	2	117	122126	1	Standard
>	Tb	159		ug/L			2136919	2265149	0	Standard
	Pb	208	0.081	ug/L	0.001	1	969	8921	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-44
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:16:31
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	48865	0	Standard
	Cl	37		ug/L			5938709	5780953	0	Standard
>	Sc	45		ug/L			1148882	1172862	0	Standard
	Cr	52	0.134	ug/L	0.011	8	18857	22289	0	Standard
	Cr	53	0.206	ug/L	0.008	3	226	847	2	Standard
	Mn	55	2.662	ug/L	0.037	1	916	90184	0	Standard
>	Ge	72		ug/L			83989	82773	2	KED
	Ni	60	0.525	ug/L	0.036	6	22	782	5	KED
	Ni	62	0.526	ug/L	0.034	6	8	132	4	KED
	Cu	63	0.156	ug/L	0.009	5	95	737	4	KED
	Cu	65	0.145	ug/L	0.016	11	56	353	9	KED
	Zn	66	10.716	ug/L	0.538	5	246	7090	3	KED
	Zn	67	9.801	ug/L	0.667	6	31	1047	4	KED
	As	75	0.013	ug/L	0.006	41	3	7	22	KED
	Se	78	0.075	ug/L	0.083	110	15	17	17	KED
	Y	89		ug/L			563849	555026	0	Standard
	Kr	83		ug/L			276	276	4	Standard
>	In-1	115		ug/L			22828	24126	0	KED
	Mo	98	0.138	ug/L	0.008	5	13	253	4	KED
	Cd	111	0.120	ug/L	0.008	6	5	52	6	KED
	Cd	114	0.114	ug/L	0.024	21	7	120	19	KED
>	In	115		ug/L			1003599	1103950	2	Standard
	Ag	107	-0.000	ug/L	0.000	88	30	26	22	Standard
	Ba	135	4.978	ug/L	0.132	2	71	36548	0	Standard
	Ba	137	5.014	ug/L	0.133	2	117	65398	0	Standard
>	Tb	159		ug/L			2136919	2263056	0	Standard
	Pb	208	0.000	ug/L	0.000	260	969	1043	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 21F0196-45
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:21:29
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			28404	47859	0	Standard
	Cl	37		ug/L			5938709	5850110	1	Standard
>	Sc	45		ug/L			1148882	1142964	0	Standard
	Cr	52	0.336	ug/L	0.014	4	18857	26182	0	Standard
	Cr	53	0.400	ug/L	0.022	5	226	1391	3	Standard
	Mn	55	0.716	ug/L	0.131	18	916	24307	17	Standard
>	Ge	72		ug/L			83989	76084	0	KED
	Ni	60	0.228	ug/L	0.018	7	22	323	8	KED
	Ni	62	0.185	ug/L	0.028	15	8	48	12	KED
	Cu	63	0.193	ug/L	0.008	3	95	817	3	KED
	Cu	65	0.179	ug/L	0.028	15	56	388	13	KED
	Zn	66	0.764	ug/L	0.053	7	246	671	4	KED
	Zn	67	1.323	ug/L	0.056	4	31	154	3	KED
	As	75	0.053	ug/L	0.012	22	3	18	18	KED
	Se	78	0.239	ug/L	0.157	65	15	22	24	KED
	Y	89		ug/L			563849	513132	0	Standard
	Kr	83		ug/L			276	281	8	Standard
>	In-1	115		ug/L			22828	22222	1	KED
	Mo	98	2.006	ug/L	0.057	2	13	3220	2	KED
	Cd	111	0.158	ug/L	0.030	19	5	61	18	KED
	Cd	114	0.141	ug/L	0.007	5	7	135	6	KED
>	In	115		ug/L			1003599	1020108	2	Standard
	Ag	107	0.007	ug/L	0.001	10	30	127	8	Standard
	Ba	135	10.141	ug/L	0.237	2	71	68722	0	Standard
	Ba	137	10.150	ug/L	0.285	2	117	122212	0	Standard
>	Tb	159		ug/L			2136919	2128736	1	Standard
	Pb	208	0.012	ug/L	0.000	0	969	2031	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:28:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29929	0	Standard
	Cl	**37**		ug/L			5938709	6405215	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1087982	0	Standard
|	**Cr**	**52**	**-0.017**	ug/L	0.004	21	18857	17495	0	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.006	170	226	204	8	Standard
⌊	**Mn**	**55**	**0.003**	ug/L	0.001	32	916	975	3	Standard
⌈>	**Ge**	**72**		ug/L			83989	75870	2	KED
|	**Ni**	**60**	**0.002**	ug/L	0.005	315	22	22	30	KED
|	**Ni**	**62**	**-0.017**	ug/L	0.010	59	8	4	49	KED
|	**Cu**	**63**	**0.004**	ug/L	0.002	66	95	99	10	KED
|	**Cu**	**65**	**-0.001**	ug/L	0.007	1203	56	50	27	KED
|	**Zn**	**66**	**-0.007**	ug/L	0.050	741	246	219	15	KED
|	**Zn**	**67**	**0.160**	ug/L	0.032	19	31	43	4	KED
|	**As**	**75**	**0.003**	ug/L	0.002	74	3	3	18	KED
⌊	**Se**	**78**	**0.071**	ug/L	0.084	117	15	16	19	KED
	Y	**89**		ug/L			563849	526678	1	Standard
	Kr	**83**		ug/L			276	269	15	Standard
⌈>	**In-1**	**115**		ug/L			22828	22158	1	KED
|	**Mo**	**98**	**-0.004**	ug/L	0.003	75	13	6	77	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	131	5	4	26	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.003	117	7	4	62	KED
⌈>	**In**	**115**		ug/L			1003599	1009939	0	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	293	30	34	30	Standard
|	**Ba**	**135**	**0.003**	ug/L	0.002	78	71	90	14	Standard
⌊	**Ba**	**137**	**0.004**	ug/L	0.002	45	117	160	11	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2082413	0	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.000	8	969	657	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVG
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:32:26
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	29616	3	Standard
	Cl	**37**		ug/L			5938709	6399679	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1116959	0	Standard
|	**Cr**	**52**	**54.999**	ug/L	0.280	0	18857	1206245	1	Standard
|	**Cr**	**53**	**49.318**	ug/L	0.322	0	226	140722	1	Standard
⌊	**Mn**	**55**	**57.534**	ug/L	0.843	1	916	1838002	0	Standard
⌈>	**Ge**	**72**		ug/L			83989	80165	1	KED
|	**Ni**	**60**	**47.162**	ug/L	0.858	1	22	66161	0	KED
|	**Ni**	**62**	**48.034**	ug/L	1.672	3	8	10976	1	KED
|	**Cu**	**63**	**48.969**	ug/L	1.187	2	95	195767	0	KED
|	**Cu**	**65**	**48.178**	ug/L	1.531	3	56	95921	2	KED
|	**Zn**	**66**	**47.047**	ug/L	1.056	2	246	29359	0	KED
|	**Zn**	**67**	**47.216**	ug/L	0.586	1	31	4775	0	KED
|	**As**	**75**	**47.644**	ug/L	0.908	1	3	14988	0	KED
⌊	**Se**	**78**	**45.085**	ug/L	0.633	1	15	1707	0	KED
	Y	**89**		ug/L			563849	547818	2	Standard
	Kr	**83**		ug/L			276	291	3	Standard
⌈>	**In-1**	**115**		ug/L			22828	22947	0	KED
|	**Mo**	**98**	**48.690**	ug/L	0.385	0	13	80405	0	KED
|	**Cd**	**111**	**49.779**	ug/L	0.342	0	5	18431	0	KED
⌊	**Cd**	**114**	**50.375**	ug/L	0.625	1	7	47210	1	KED
⌈>	**In**	**115**		ug/L			1003599	1047767	1	Standard
|	**Ag**	**107**	**47.154**	ug/L	1.045	2	30	699852	0	Standard
|	**Ba**	**135**	**48.019**	ug/L	1.089	2	71	334007	0	Standard
⌊	**Ba**	**137**	**48.053**	ug/L	0.921	1	117	593963	0	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2201146	0	Standard
⌊	**Pb**	**208**	**50.194**	ug/L	0.590	1	969	4743849	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBG
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:38:45
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	27606	1	Standard
	Cl	**37**		ug/L			5938709	6255842	1	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1108146	1	Standard
⎢	**Cr**	**52**	**-0.027**	ug/L	0.018	64	18857	17599	0	Standard
⎢	**Cr**	**53**	**-0.003**	ug/L	0.003	109	226	211	3	Standard
⎣	**Mn**	**55**	**0.007**	ug/L	0.001	18	916	1106	2	Standard
⎡>	**Ge**	**72**		ug/L			83989	80174	1	KED
⎢	**Ni**	**60**	**0.004**	ug/L	0.005	134	22	27	26	KED
⎢	**Ni**	**62**	**-0.012**	ug/L	0.009	71	8	5	33	KED
⎢	**Cu**	**63**	**0.026**	ug/L	0.002	7	95	195	4	KED
⎢	**Cu**	**65**	**0.026**	ug/L	0.004	13	56	104	7	KED
⎢	**Zn**	**66**	**0.049**	ug/L	0.028	57	246	265	5	KED
⎢	**Zn**	**67**	**0.096**	ug/L	0.052	54	31	40	14	KED
⎢	**As**	**75**	**0.006**	ug/L	0.002	35	3	5	14	KED
⎣	**Se**	**78**	**0.068**	ug/L	0.099	144	15	17	22	KED
	Y	**89**		ug/L			563849	533604	1	Standard
	Kr	**83**		ug/L			276	257	6	Standard
⎡>	**In-1**	**115**		ug/L			22828	23162	1	KED
⎢	**Mo**	**98**	**0.014**	ug/L	0.002	15	13	36	9	KED
⎢	**Cd**	**111**	**0.007**	ug/L	0.003	41	5	7	12	KED
⎣	**Cd**	**114**	**0.001**	ug/L	0.003	630	7	7	36	KED
⎡>	**In**	**115**		ug/L			1003599	1013683	1	Standard
⎢	**Ag**	**107**	**0.002**	ug/L	0.001	30	30	62	13	Standard
⎢	**Ba**	**135**	**0.029**	ug/L	0.004	15	71	266	12	Standard
⎣	**Ba**	**137**	**0.030**	ug/L	0.001	4	117	483	4	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2152460	0	Standard
⎣	**Pb**	**208**	**0.000**	ug/L	0.000	259	969	991	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:42:19
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	32742	3	Standard
	Cl	**37**		ug/L			5938709	6464540	0	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1232075	1	Standard
⎢	**Cr**	**52**	**-0.004**	ug/L	0.009	209	18857	20124	0	Standard
⎢	**Cr**	**53**	**0.003**	ug/L	0.006	227	226	250	5	Standard
⎣	**Mn**	**55**	**0.025**	ug/L	0.002	6	916	1877	1	Standard
⎡>	**Ge**	**72**		ug/L			83989	83753	1	KED
⎢	**Ni**	**60**	**0.004**	ug/L	0.004	111	22	28	24	KED
⎢	**Ni**	**62**	**-0.008**	ug/L	0.025	324	8	6	83	KED
⎢	**Cu**	**63**	**-0.002**	ug/L	0.003	143	95	86	12	KED
⎢	**Cu**	**65**	**-0.004**	ug/L	0.001	36	56	48	4	KED
⎢	**Zn**	**66**	**-0.195**	ug/L	0.031	15	246	119	16	KED
⎢	**Zn**	**67**	**-0.097**	ug/L	0.054	56	31	21	28	KED
⎢	**As**	**75**	**0.000**	ug/L	0.003	10378	3	3	28	KED
⎣	**Se**	**78**	**0.088**	ug/L	0.028	31	15	18	6	KED
	Y	**89**		ug/L			563849	598222	1	Standard
	Kr	**83**		ug/L			276	297	13	Standard
⎡>	**In-1**	**115**		ug/L			22828	25073	0	KED
⎢	**Mo**	**98**	**0.002**	ug/L	0.004	176	13	19	40	KED
⎢	**Cd**	**111**	**-0.006**	ug/L	0.006	92	5	3	69	KED
⎣	**Cd**	**114**	**-0.006**	ug/L	0.002	29	7	1	101	KED
⎡>	**In**	**115**		ug/L			1003599	1161580	2	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	66	30	42	10	Standard
⎢	**Ba**	**135**	**-0.004**	ug/L	0.002	46	71	54	22	Standard
⎣	**Ba**	**137**	**-0.004**	ug/L	0.001	19	117	80	15	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2353962	0	Standard
⎣	**Pb**	**208**	**-0.005**	ug/L	0.000	2	969	576	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:45:54
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	32634	2	Standard
	Cl	**37**		ug/L			5938709	6414336	1	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1249603	1	Standard
⎢	**Cr**	**52**	**-0.020**	ug/L	0.012	62	18857	20028	1	Standard
⎢	**Cr**	**53**	**-0.003**	ug/L	0.004	134	226	236	5	Standard
⎣	**Mn**	**55**	**0.024**	ug/L	0.002	6	916	1847	2	Standard
⎡>	**Ge**	**72**		ug/L			83989	84041	1	KED
⎢	**Ni**	**60**	**0.001**	ug/L	0.005	613	22	24	31	KED
⎢	**Ni**	**62**	**-0.013**	ug/L	0.022	164	8	5	88	KED
⎢	**Cu**	**63**	**-0.002**	ug/L	0.001	53	95	88	4	KED
⎢	**Cu**	**65**	**-0.004**	ug/L	0.009	217	56	48	36	KED
⎢	**Zn**	**66**	**-0.182**	ug/L	0.013	7	246	128	6	KED
⎢	**Zn**	**67**	**-0.096**	ug/L	0.045	46	31	21	20	KED
⎢	**As**	**75**	**-0.002**	ug/L	0.001	35	3	2	10	KED
⎣	**Se**	**78**	**-0.036**	ug/L	0.006	17	15	13	1	KED
	Y	**89**		ug/L			563849	602200	2	Standard
	Kr	**83**		ug/L			276	302	5	Standard
⎡>	**In-1**	**115**		ug/L			22828	25126	0	KED
⎢	**Mo**	**98**	**-0.006**	ug/L	0.002	27	13	4	64	KED
⎢	**Cd**	**111**	**-0.005**	ug/L	0.005	92	5	3	56	KED
⎣	**Cd**	**114**	**-0.006**	ug/L	0.000	1	7	1	5	KED
⎡>	**In**	**115**		ug/L			1003599	1168745	1	Standard
⎢	**Ag**	**107**	**-0.001**	ug/L	0.000	36	30	24	15	Standard
⎢	**Ba**	**135**	**-0.004**	ug/L	0.000	6	71	55	3	Standard
⎣	**Ba**	**137**	**-0.004**	ug/L	0.001	18	117	83	10	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2345102	0	Standard
⎣	**Pb**	**208**	**-0.005**	ug/L	0.000	7	969	526	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:49:28
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	32360	1	Standard
	Cl	**37**		ug/L			5938709	6478314	0	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1212263	1	Standard
|	**Cr**	**52**	**0.006**	ug/L	0.007	105	18857	20040	0	Standard
|	**Cr**	**53**	**-0.000**	ug/L	0.004	878	226	237	4	Standard
⌊	**Mn**	**55**	**0.026**	ug/L	0.002	7	916	1851	4	Standard
⌈>	**Ge**	**72**		ug/L			83989	83082	1	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.002	861	22	22	13	KED
|	**Ni**	**62**	**-0.010**	ug/L	0.012	116	8	6	45	KED
|	**Cu**	**63**	**-0.005**	ug/L	0.001	27	95	72	9	KED
|	**Cu**	**65**	**-0.009**	ug/L	0.007	74	56	37	36	KED
|	**Zn**	**66**	**-0.175**	ug/L	0.026	14	246	131	13	KED
|	**Zn**	**67**	**-0.094**	ug/L	0.023	24	31	21	10	KED
|	**As**	**75**	**0.002**	ug/L	0.004	244	3	3	33	KED
⌊	**Se**	**78**	**0.097**	ug/L	0.046	46	15	18	10	KED
	Y	**89**		ug/L			563849	590354	1	Standard
	Kr	**83**		ug/L			276	286	10	Standard
⌈>	**In-1**	**115**		ug/L			22828	24968	0	KED
|	**Mo**	**98**	**-0.006**	ug/L	0.001	14	13	4	36	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.006	171	5	4	58	KED
⌊	**Cd**	**114**	**-0.004**	ug/L	0.001	27	7	4	25	KED
⌈>	**In**	**115**		ug/L			1003599	1154391	1	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.000	327	30	36	15	Standard
|	**Ba**	**135**	**-0.005**	ug/L	0.001	28	71	43	25	Standard
⌊	**Ba**	**137**	**-0.003**	ug/L	0.001	35	117	95	14	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2305060	1	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	7	969	475	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:53:02
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	28343	2	Standard
	Cl	**37**		ug/L			5938709	6074111	0	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1054108	0	Standard
⎢	**Cr**	**52**	**-0.026**	ug/L	0.012	47	18857	16770	1	Standard
⎢	**Cr**	**53**	**-0.008**	ug/L	0.005	66	226	186	7	Standard
⎣	**Mn**	**55**	**-0.012**	ug/L	0.001	5	916	486	3	Standard
⎡>	**Ge**	**72**		ug/L			83989	79256	1	KED
⎢	**Ni**	**60**	**-0.009**	ug/L	0.003	31	22	9	40	KED
⎢	**Ni**	**62**	**-0.017**	ug/L	0.005	28	8	4	24	KED
⎢	**Cu**	**63**	**-0.005**	ug/L	0.004	90	95	71	22	KED
⎢	**Cu**	**65**	**-0.011**	ug/L	0.005	39	56	31	28	KED
⎢	**Zn**	**66**	**-0.203**	ug/L	0.037	18	246	107	19	KED
⎢	**Zn**	**67**	**-0.091**	ug/L	0.088	97	31	20	41	KED
⎢	**As**	**75**	**-0.000**	ug/L	0.008	2065	3	3	77	KED
⎣	**Se**	**78**	**0.091**	ug/L	0.097	106	15	17	19	KED
	Y	**89**		ug/L			563849	526704	1	Standard
	Kr	**83**		ug/L			276	242	1	Standard
⎡>	**In-1**	**115**		ug/L			22828	22150	1	KED
⎢	**Mo**	**98**	**-0.003**	ug/L	0.003	113	13	8	69	KED
⎢	**Cd**	**111**	**0.003**	ug/L	0.009	275	5	6	50	KED
⎣	**Cd**	**114**	**-0.005**	ug/L	0.003	59	7	2	126	KED
⎡>	**In**	**115**		ug/L			1003599	964460	1	Standard
⎢	**Ag**	**107**	**-0.001**	ug/L	0.000	8	30	18	5	Standard
⎢	**Ba**	**135**	**-0.007**	ug/L	0.001	10	71	26	18	Standard
⎣	**Ba**	**137**	**-0.005**	ug/L	0.000	5	117	59	5	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2085285	0	Standard
⎣	**Pb**	**208**	**-0.007**	ug/L	0.000	1	969	327	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 05:56:37
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	28512	0	Standard
	Cl	**37**		ug/L			5938709	6090903	0	Standard
⎡>	**Sc**	**45**		ug/L			1148882	1057105	0	Standard
⎢	**Cr**	**52**	**-0.017**	ug/L	0.025	147	18857	17007	2	Standard
⎢	**Cr**	**53**	**0.000**	ug/L	0.004	1196	226	209	5	Standard
⎣	**Mn**	**55**	**-0.013**	ug/L	0.001	5	916	459	3	Standard
⎡>	**Ge**	**72**		ug/L			83989	77937	3	KED
⎢	**Ni**	**60**	**-0.007**	ug/L	0.004	58	22	12	48	KED
⎢	**Ni**	**62**	**-0.028**	ug/L	0.009	31	8	1	100	KED
⎢	**Cu**	**63**	**-0.008**	ug/L	0.004	44	95	56	22	KED
⎢	**Cu**	**65**	**-0.007**	ug/L	0.002	23	56	38	10	KED
⎢	**Zn**	**66**	**-0.196**	ug/L	0.035	17	246	111	21	KED
⎢	**Zn**	**67**	**-0.151**	ug/L	0.067	44	31	14	41	KED
⎢	**As**	**75**	**0.001**	ug/L	0.006	480	3	3	55	KED
⎣	**Se**	**78**	**-0.029**	ug/L	0.034	119	15	13	13	KED
	Y	**89**		ug/L			563849	529474	1	Standard
	Kr	**83**		ug/L			276	271	4	Standard
⎡>	**In-1**	**115**		ug/L			22828	22037	0	KED
⎢	**Mo**	**98**	**-0.003**	ug/L	0.000	16	13	8	9	KED
⎢	**Cd**	**111**	**-0.001**	ug/L	0.009	765	5	4	75	KED
⎣	**Cd**	**114**	**-0.005**	ug/L	0.003	59	7	2	120	KED
⎡>	**In**	**115**		ug/L			1003599	968069	1	Standard
⎢	**Ag**	**107**	**-0.000**	ug/L	0.000	106	30	24	22	Standard
⎢	**Ba**	**135**	**-0.007**	ug/L	0.002	23	71	23	47	Standard
⎣	**Ba**	**137**	**-0.006**	ug/L	0.000	3	117	45	4	Standard
⎡>	**Tb**	**159**		ug/L			2136919	2077156	1	Standard
⎣	**Pb**	**208**	**-0.007**	ug/L	0.000	5	969	285	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, July 20, 2021 06:00:12
Number of Replicates: 3
Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\200.8_DailyMethod_KED_UCT.mth
Tuning File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun
Optimization File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac
Calibration File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\071921.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			28404	28192	1	Standard
	Cl	**37**		ug/L			5938709	6062538	1	Standard
⌈>	**Sc**	**45**		ug/L			1148882	1061431	0	Standard
|	**Cr**	**52**	**-0.014**	ug/L	0.016	121	18857	17141	1	Standard
|	**Cr**	**53**	**-0.004**	ug/L	0.002	51	226	198	2	Standard
⌊	**Mn**	**55**	**-0.013**	ug/L	0.001	8	916	449	8	Standard
⌈>	**Ge**	**72**		ug/L			83989	77942	1	KED
|	**Ni**	**60**	**-0.010**	ug/L	0.002	22	22	8	35	KED
|	**Ni**	**62**	**-0.029**	ug/L	0.008	29	8	1	100	KED
|	**Cu**	**63**	**-0.007**	ug/L	0.003	38	95	60	17	KED
|	**Cu**	**65**	**-0.013**	ug/L	0.004	28	56	27	24	KED
|	**Zn**	**66**	**-0.196**	ug/L	0.045	23	246	110	25	KED
|	**Zn**	**67**	**-0.100**	ug/L	0.038	37	31	19	20	KED
|	**As**	**75**	**-0.001**	ug/L	0.003	439	3	2	33	KED
⌊	**Se**	**78**	**0.081**	ug/L	0.080	98	15	17	18	KED
	Y	**89**		ug/L			563849	524160	1	Standard
	Kr	**83**		ug/L			276	268	1	Standard
⌈>	**In-1**	**115**		ug/L			22828	22384	1	KED
|	**Mo**	**98**	**-0.003**	ug/L	0.001	39	13	8	19	KED
|	**Cd**	**111**	**0.000**	ug/L	0.002	590	5	5	10	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.003	276	7	6	47	KED
⌈>	**In**	**115**		ug/L			1003599	956545	1	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	65	30	19	29	Standard
|	**Ba**	**135**	**-0.006**	ug/L	0.001	16	71	29	20	Standard
⌊	**Ba**	**137**	**-0.006**	ug/L	0.001	17	117	41	31	Standard
⌈>	**Tb**	**159**		ug/L			2136919	2059845	0	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.001	8	969	335	15	Standard

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00068
Control Limt: +/- 10.00%
Sequence: SJF0318

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0318-ICV1	Cadmium-111 (dissolved)	50.000	47.9	95.8	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	47.9	95.8	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	50.0	99.9	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	48.6	97.2	ug/L	PA 6020B UCT-KE
SJF0318-CCV1	Cadmium-111 (dissolved)	50.000	49.4	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	51.2	102	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	51.3	103	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.5	103	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.2	102	ug/L	PA 6020B UCT-KE
SJF0318-CCV2	Cadmium-111 (dissolved)	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	50.4	101	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.0	102	ug/L	PA 6020B UCT-KE
SJF0318-CCV3	Cadmium-111 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.4	98.9	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.9	99.7	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.0	102	ug/L	PA 6020B UCT-KE
SJF0318-CCV4	Cadmium-111 (dissolved)	50.000	49.1	98.1	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.6	103	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.2	102	ug/L	PA 6020B UCT-KE
SJF0318-CCV5	Cadmium-111 (dissolved)	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.7	97.5	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.7	101	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00068
Control Limt: +/- 10.00%
Sequence: SJF0318

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0318-CCV5	Zinc-66 (dissolved)	50.000	51.8	104	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.6	103	ug/L	PA 6020B UCT-KE
SJF0318-CCV6	Cadmium-111 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.7	99.5	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.5	103	ug/L	PA 6020B UCT-KE
SJF0318-CCV7	Cadmium-111 (dissolved)	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.7	97.5	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
SJF0318-CCV8	Cadmium-111 (dissolved)	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	47.9	95.7	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
SJF0318-CCV9	Cadmium-111 (dissolved)	50.000	49.1	98.1	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.5	97.1	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
SJF0318-CCVA	Cadmium-111 (dissolved)	50.000	48.6	97.3	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.3	98.5	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
SJF0318-CCVB	Cadmium-111 (dissolved)	50.000	48.1	96.2	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.2	96.3	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00068
Control Limt: +/- 10.00%
Sequence: SJF0318

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0318-CCVB	Copper-63 (dissolved)	50.000	48.6	97.2	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
SJF0318-CCVC	Cadmium-111 (dissolved)	50.000	48.4	96.9	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.5	96.9	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.4	98.9	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
SJF0318-CCVD	Cadmium-111 (dissolved)	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.9	97.7	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.3	96.5	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
SJF0318-CCVE	Cadmium-111 (dissolved)	50.000	49.4	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.4	96.9	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.4	101	ug/L	PA 6020B UCT-KE
SJF0318-CCVF	Cadmium-111 (dissolved)	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.2	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
SJF0318-CCVG	Cadmium-111 (dissolved)	50.000	50.4	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.3	103	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.4	101	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00068
Control Limt: +/- 10.00%
Sequence: SJF0318

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0318-CCVH	Cadmium-111 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.5	103	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
SJF0318-CCVI	Cadmium-111 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.7	103	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.4	103	ug/L	PA 6020B UCT-KE

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-ICV1	Cadmium-111	50.000	47.0	94.1	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	47.0	94.1	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	46.7	93.4	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	46.7	93.4	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	47.1	94.2	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	47.1	94.2	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	47.3	94.6	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	47.3	94.6	ug/L	PA 6020B UCT-KE
SJF0364-CCV1	Cadmium-111	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
SJF0364-CCV2	Cadmium-111	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.8	97.5	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.8	97.5	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.3	98.5	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.3	98.5	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	48.0	96.0	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	48.0	96.0	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCV2	Zinc-67	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
SJF0364-CCV3	Cadmium-111	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	48.6	97.2	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	48.6	97.2	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	48.0	96.1	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	48.0	96.1	ug/L	PA 6020B UCT-KE
SJF0364-CCV4	Cadmium-111	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.9	97.8	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.9	97.8	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	48.7	97.3	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	48.7	97.3	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE
SJF0364-CCV5	Cadmium-111	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.7	99.3	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.7	99.3	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCV5	Zinc-66	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
SJF0364-CCV6	Cadmium-111	50.000	47.6	95.1	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	47.6	95.1	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	47.8	95.5	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	47.8	95.5	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	48.1	96.1	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.1	96.1	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	48.2	96.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	48.2	96.4	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	48.2	96.4	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	48.2	96.4	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
SJF0364-CCV7	Cadmium-111	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.0	97.9	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.0	97.9	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	48.6	97.2	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	48.6	97.2	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
SJF0364-CCV8	Cadmium-111	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	48.2	96.5	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.2	96.5	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCV8	Copper-65	50.000	48.6	97.3	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	48.6	97.3	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	48.3	96.6	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	48.3	96.6	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
SJF0364-CCV9	Cadmium-111	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
SJF0364-CCVA	Cadmium-111	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	48.9	97.8	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.9	97.8	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
SJF0364-CCVB	Cadmium-111	50.000	49.4	98.9	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.4	98.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCVB	Copper-63	50.000	48.7	97.3	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.7	97.3	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
SJF0364-CCVC	Cadmium-111	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
SJF0364-CCVD	Cadmium-111	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	51.3	103	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	51.3	103	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.3	98.5	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.3	98.5	ug/L	PA 6020B UCT-KE
SJF0364-CCVE	Cadmium-111	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCVE	Cadmium-114	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.7	99.5	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.7	99.5	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.0	98.1	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.0	98.1	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	48.6	97.3	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	48.6	97.3	ug/L	PA 6020B UCT-KE
SJF0364-CCVF	Cadmium-111	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.3	98.5	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.3	98.5	ug/L	PA 6020B UCT-KE
SJF0364-CCVG	Cadmium-111	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00073
Control Limt: +/- 10.00%
Sequence: SJF0364

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0364-CCVH	Cadmium-111	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	48.8	97.5	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	48.8	97.5	ug/L	PA 6020B UCT-KE

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00076
Control Limt: +/- 10.00%
Sequence: SJF0378

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0378-ICV1	Cadmium-111	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.9	99.9	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	48.0	96.1	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
SJF0378-CCV1	Cadmium-111	50.000	51.0	102	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	51.8	104	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.2	100	ug/L	PA 6020B UCT-KE
SJF0378-CCV2	Cadmium-111	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	51.0	102	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
SJF0378-CCV3	Cadmium-111	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	51.3	103	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.5	103	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
SJF0378-CCV4	Cadmium-111	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.5	99.1	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.3	103	ug/L	PA 6020B UCT-KE
SJF0378-CCV5	Cadmium-111	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	51.3	103	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.3	101	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00076
Control Limt: +/- 10.00%
Sequence: SJF0378

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0378-CCV5	Zinc-66	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
SJF0378-CCV6	Cadmium-111	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	51.5	103	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.0	99.9	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.4	101	ug/L	PA 6020B UCT-KE
SJF0378-CCV7	Cadmium-111	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.5	101	ug/L	PA 6020B UCT-KE
SJF0378-CCV8	Cadmium-111	50.000	50.4	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.9	99.9	ug/L	PA 6020B UCT-KE

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-ICV1	Cadmium-111	50.000	49.1	98.1	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.1	98.1	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	49.0	98.1	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	49.0	98.1	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
SJF0401-CCV1	Cadmium-111	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.4	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.4	98.7	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	51.2	102	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	51.2	102	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.3	103	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.3	103	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
SJF0401-CCV2	Cadmium-111	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.9	97.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.9	97.7	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	51.0	102	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	51.0	102	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.2	102	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.2	102	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-CCV2	Zinc-67	50.000	49.8	99.7	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.8	99.7	ug/L	PA 6020B UCT-KE
SJF0401-CCV3	Cadmium-111	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.9	99.7	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.9	99.7	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
SJF0401-CCV4	Cadmium-111	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.9	99.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.9	99.7	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.4	101	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.4	101	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	52.2	104	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	52.2	104	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.7	99.5	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.7	99.5	ug/L	PA 6020B UCT-KE
SJF0401-CCV5	Cadmium-111	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	50.4	101	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	50.4	101	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-CCV5	Zinc-66	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.7	99.5	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	49.7	99.5	ug/L	PA 6020B UCT-KE
SJF0401-CCV6	Cadmium-111	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.4	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.4	98.7	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.9	99.9	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.9	99.9	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.7	103	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.7	103	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	52.1	104	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	52.1	104	ug/L	PA 6020B UCT-KE
SJF0401-CCV7	Cadmium-111	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.6	99.1	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.2	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.2	102	ug/L	PA 6020B UCT-KE
SJF0401-CCV8	Cadmium-111	50.000	48.7	97.3	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	48.7	97.3	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-CCV8	Copper-65	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	52.1	104	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	52.1	104	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.6	103	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.6	103	ug/L	PA 6020B UCT-KE
SJF0401-CCV9	Cadmium-111	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.0	97.9	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.0	97.9	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.8	104	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.8	104	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
SJF0401-CCVA	Cadmium-111	50.000	49.9	99.7	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.9	99.7	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.9	104	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.9	104	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
SJF0401-CCVB	Cadmium-111	50.000	49.8	99.7	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.8	99.7	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-CCVB	Copper-63	50.000	48.5	96.9	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	48.5	96.9	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	48.8	97.7	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.4	103	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.4	103	ug/L	PA 6020B UCT-KE
SJF0401-CCVC	Cadmium-111	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.3	98.7	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.9	99.8	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.9	99.8	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	48.9	97.7	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	48.9	97.7	ug/L	PA 6020B UCT-KE
SJF0401-CCVD	Cadmium-111	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.8	99.5	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	51.2	102	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	51.2	102	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.4	103	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	51.4	103	ug/L	PA 6020B UCT-KE
SJF0401-CCVE	Cadmium-111	50.000	50.0	99.9	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.0	99.9	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EF00079
Control Limt: +/- 10.00%
Sequence: SJF0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0401-CCVE	Cadmium-114	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
SJF0401-CCVF	Cadmium-111	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Cadmium-111 (dissolved)	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
	Copper-63	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
	Copper-63 (dissolved)	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
	Copper-65	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Copper-65 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
	Zinc-66	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-66 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00011
Control Limt: +/- 10.00%
Sequence: SJG0042

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0042-ICV1	Cadmium-111 (dissolved)	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.4	98.9	ug/L	PA 6020B UCT-KE
SJG0042-CCV1	Cadmium-111 (dissolved)	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.7	101	ug/L	PA 6020B UCT-KE
SJG0042-CCV2	Cadmium-111 (dissolved)	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.8	102	ug/L	PA 6020B UCT-KE
SJG0042-CCV3	Cadmium-111 (dissolved)	50.000	49.2	98.4	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.9	99.9	ug/L	PA 6020B UCT-KE
SJG0042-CCV4	Cadmium-111 (dissolved)	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.9	102	ug/L	PA 6020B UCT-KE
SJG0042-CCV5	Cadmium-111 (dissolved)	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
SJG0042-CCV6	Cadmium-111 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
SJG0042-CCV7	Cadmium-111 (dissolved)	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
SJG0042-CCV8	Cadmium-111 (dissolved)	50.000	49.5	99.1	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
SJG0042-CCV9	Cadmium-111 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.6	101	ug/L	PA 6020B UCT-KE
SJG0042-CCVA	Cadmium-111 (dissolved)	50.000	49.4	98.9	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.6	99.3	ug/L	PA 6020B UCT-KE
SJG0042-CCVB	Cadmium-111 (dissolved)	50.000	49.6	99.2	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.7	99.4	ug/L	PA 6020B UCT-KE
SJG0042-CCVC	Cadmium-111 (dissolved)	50.000	49.9	99.9	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
SJG0042-CCVD	Cadmium-111 (dissolved)	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.6	101	ug/L	PA 6020B UCT-KE
SJG0042-CCVE	Cadmium-111 (dissolved)	50.000	50.1	100	ug/L	PA 6020B UCT-KE
	Cadmium-114 (dissolved)	50.000	50.0	100	ug/L	PA 6020B UCT-KE

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00039
Control Limt: +/- 10.00%
Sequence: SJG0173

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0173-ICV1	Cadmium-111	50.000	48.5	97.1	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.5	97.0	ug/L	PA 6020B UCT-KE
SJG0173-CCV1	Cadmium-111	50.000	49.5	99.1	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.2	98.3	ug/L	PA 6020B UCT-KE
SJG0173-CCV2	Cadmium-111	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
SJG0173-CCV3	Cadmium-111	50.000	49.7	99.5	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.8	97.6	ug/L	PA 6020B UCT-KE
SJG0173-CCV4	Cadmium-111	50.000	49.4	98.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
SJG0173-CCV5	Cadmium-111	50.000	48.7	97.5	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.4	96.8	ug/L	PA 6020B UCT-KE
SJG0173-CCV6	Cadmium-111	50.000	48.7	97.5	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.7	97.3	ug/L	PA 6020B UCT-KE
SJG0173-CCV7	Cadmium-111	50.000	48.4	96.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.4	96.8	ug/L	PA 6020B UCT-KE
SJG0173-CCV8	Cadmium-111	50.000	48.6	97.3	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.3	96.6	ug/L	PA 6020B UCT-KE
SJG0173-CCV9	Cadmium-111	50.000	48.0	96.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	47.8	95.6	ug/L	PA 6020B UCT-KE
SJG0173-CCVA	Cadmium-111	50.000	48.2	96.4	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.2	96.4	ug/L	PA 6020B UCT-KE
SJG0173-CCVB	Cadmium-111	50.000	47.8	95.5	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	47.3	94.6	ug/L	PA 6020B UCT-KE
SJG0173-CCVC	Cadmium-111	50.000	48.3	96.7	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.2	96.3	ug/L	PA 6020B UCT-KE
SJG0173-CCVD	Cadmium-111	50.000	47.6	95.2	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	47.8	95.6	ug/L	PA 6020B UCT-KE
SJG0173-CCVE	Cadmium-111	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.1	98.3	ug/L	PA 6020B UCT-KE
SJG0173-CCVF	Cadmium-111	50.000	46.9	93.8	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	47.8	95.7	ug/L	PA 6020B UCT-KE
SJG0173-CCVG	Cadmium-111	50.000	45.8	91.6	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	46.0	92.1	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00039
Control Limt: +/- 10.00%
Sequence: SJG0173

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0173-CCVH	Cadmium-111	50.000	47.0	94.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	47.6	95.2	ug/L	PA 6020B UCT-KE
SJG0173-CCVI	Cadmium-111	50.000	45.9	91.7	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	46.4	92.7	ug/L	PA 6020B UCT-KE
SJG0173-CCVJ	Cadmium-111	50.000	46.8	93.5	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	47.4	94.7	ug/L	PA 6020B UCT-KE
SJG0173-CCVK	Cadmium-111	50.000	46.4	92.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	47.3	94.5	ug/L	PA 6020B UCT-KE

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-ICV1	Zinc-66	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	48.6	97.2	ug/L	PA 6020B UCT-KE
SJG0200-CCV1	Zinc-66	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.5	101	ug/L	PA 6020B UCT-KE
SJG0200-CCV2	Zinc-66	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.9	102	ug/L	PA 6020B UCT-KE
SJG0200-CCV3	Zinc-66	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.0	99.9	ug/L	PA 6020B UCT-KE
SJG0200-CCV4	Zinc-66	50.000	49.9	99.7	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.3	101	ug/L	PA 6020B UCT-KE
SJG0200-CCV5	Zinc-66	50.000	50.7	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.4	101	ug/L	PA 6020B UCT-KE
SJG0200-CCV6	Zinc-66	50.000	51.1	102	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.9	104	ug/L	PA 6020B UCT-KE
SJG0200-CCV7	Zinc-66	50.000	50.4	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.7	101	ug/L	PA 6020B UCT-KE
SJG0200-CCV8	Zinc-66	50.000	51.4	103	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.3	103	ug/L	PA 6020B UCT-KE
SJG0200-CCV9	Zinc-66	50.000	51.4	103	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.9	102	ug/L	PA 6020B UCT-KE
SJG0200-CCVA	Zinc-66	50.000	49.5	99.0	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
SJG0200-CCVB	Zinc-66	50.000	50.8	102	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.4	101	ug/L	PA 6020B UCT-KE
SJG0200-CCVC	Zinc-66	50.000	50.2	100	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.5	101	ug/L	PA 6020B UCT-KE
SJG0200-CCVD	Zinc-66	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.3	101	ug/L	PA 6020B UCT-KE
SJG0200-CCVE	Zinc-66	50.000	50.0	100	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.2	98.5	ug/L	PA 6020B UCT-KE
SJG0200-CCVF	Zinc-66	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	50.0	99.9	ug/L	PA 6020B UCT-KE
SJG0200-CCVG	Zinc-66	50.000	50.6	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	49.3	98.6	ug/L	PA 6020B UCT-KE

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00050
Control Limt: +/- 10.00%
Sequence: SJG0200

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0200-CCVH	Zinc-66	50.000	50.3	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.4	103	ug/L	PA 6020B UCT-KE
SJG0200-CCVI	Zinc-66	50.000	50.5	101	ug/L	PA 6020B UCT-KE
	Zinc-67	50.000	51.4	103	ug/L	PA 6020B UCT-KE

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: ICPMS1
Calibration: EG00056
Control Limt: +/- 10.00%
Sequence: SJG0243

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJG0243-ICV1	Cadmium-111	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.0	100	ug/L	PA 6020B UCT-KE
SJG0243-CCV1	Cadmium-111	50.000	48.4	96.8	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
SJG0243-CCV2	Cadmium-111	50.000	49.5	98.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.2	98.5	ug/L	PA 6020B UCT-KE
SJG0243-CCV3	Cadmium-111	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.7	99.3	ug/L	PA 6020B UCT-KE
SJG0243-CCV4	Cadmium-111	50.000	48.9	97.8	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.0	97.9	ug/L	PA 6020B UCT-KE
SJG0243-CCV5	Cadmium-111	50.000	49.4	98.7	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.4	98.8	ug/L	PA 6020B UCT-KE
SJG0243-CCV6	Cadmium-111	50.000	52.1	104	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	53.4	107	ug/L	PA 6020B UCT-KE
SJG0243-CCV7	Cadmium-111	50.000	48.5	97.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
SJG0243-CCV8	Cadmium-111	50.000	49.0	98.0	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.0	97.9	ug/L	PA 6020B UCT-KE
SJG0243-CCV9	Cadmium-111	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
SJG0243-CCVA	Cadmium-111	50.000	48.5	96.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.4	96.8	ug/L	PA 6020B UCT-KE
SJG0243-CCVB	Cadmium-111	50.000	48.5	96.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.9	97.9	ug/L	PA 6020B UCT-KE
SJG0243-CCVC	Cadmium-111	50.000	48.2	96.5	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.5	97.0	ug/L	PA 6020B UCT-KE
SJG0243-CCVD	Cadmium-111	50.000	49.1	98.2	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.7	97.4	ug/L	PA 6020B UCT-KE
SJG0243-CCVE	Cadmium-111	50.000	47.9	95.9	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.1	96.2	ug/L	PA 6020B UCT-KE
SJG0243-CCVF	Cadmium-111	50.000	48.9	97.8	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	48.9	97.8	ug/L	PA 6020B UCT-KE
SJG0243-CCVG	Cadmium-111	50.000	49.8	99.6	ug/L	PA 6020B UCT-KE
	Cadmium-114	50.000	50.4	101	ug/L	PA 6020B UCT-KE

* Values outside of QC limits

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0318

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00068
Date Analyzed: 06/23/21 13:42

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-IBL1	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJF0318-IBL1	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0318-IBL1	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0318-IBL1	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0318-IBL1	Zinc-66 (dissolved)	-0.163	2.92	6.00	ug/L	
SJF0318-IBL1	Zinc-67 (dissolved)	-0.152	0.94	6.00	ug/L	
SJF0318-ICB1	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0318-ICB1	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0318-ICB1	Copper-63 (dissolved)	-0.00500	0.173	0.500	ug/L	
SJF0318-ICB1	Copper-65 (dissolved)	-0.00100	0.35	0.500	ug/L	
SJF0318-ICB1	Zinc-66 (dissolved)	-0.154	2.92	6.00	ug/L	
SJF0318-ICB1	Zinc-67 (dissolved)	-0.0830	0.94	6.00	ug/L	
SJF0318-CCB1	Cadmium-111 (dissolved)	0.00600	0.03	0.100	ug/L	
SJF0318-CCB1	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0318-CCB1	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0318-CCB1	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0318-CCB1	Zinc-66 (dissolved)	-0.152	2.92	6.00	ug/L	
SJF0318-CCB1	Zinc-67 (dissolved)	-0.102	0.94	6.00	ug/L	
SJF0318-IBL2	Cadmium-111 (dissolved)	0.00500	0.03	0.100	ug/L	
SJF0318-IBL2	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0318-IBL2	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0318-IBL2	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0318-IBL2	Zinc-66 (dissolved)	-0.119	2.92	6.00	ug/L	
SJF0318-IBL2	Zinc-67 (dissolved)	-0.0850	0.94	6.00	ug/L	
SJF0318-IBL3	Cadmium-111 (dissolved)	0.00700	0.03	0.100	ug/L	
SJF0318-IBL3	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0318-IBL3	Copper-63 (dissolved)	0.0870	0.173	0.500	ug/L	
SJF0318-IBL3	Copper-65 (dissolved)	0.0660	0.35	0.500	ug/L	
SJF0318-IBL3	Zinc-66 (dissolved)	0.543	2.92	6.00	ug/L	
SJF0318-IBL3	Zinc-67 (dissolved)	0.501	0.94	6.00	ug/L	
SJF0318-CCB2	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0318-CCB2	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0318-CCB2	Copper-63 (dissolved)	-0.00100	0.173	0.500	ug/L	
SJF0318-CCB2	Copper-65 (dissolved)	-0.00400	0.35	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Date Analyzed: 06/23/21 15:29

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-CCB2	Zinc-66 (dissolved)	-0.131	2.92	6.00	ug/L	
SJF0318-CCB2	Zinc-67 (dissolved)	-0.0710	0.94	6.00	ug/L	
SJF0318-IBL4	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJF0318-IBL4	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0318-IBL4	Copper-63 (dissolved)	-0.0150	0.173	0.500	ug/L	
SJF0318-IBL4	Copper-65 (dissolved)	-0.0150	0.35	0.500	ug/L	
SJF0318-IBL4	Zinc-66 (dissolved)	-0.165	2.92	6.00	ug/L	
SJF0318-IBL4	Zinc-67 (dissolved)	-0.137	0.94	6.00	ug/L	
SJF0318-CCB3	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0318-CCB3	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0318-CCB3	Copper-63 (dissolved)	-0.00400	0.173	0.500	ug/L	
SJF0318-CCB3	Copper-65 (dissolved)	0.00700	0.35	0.500	ug/L	
SJF0318-CCB3	Zinc-66 (dissolved)	-0.102	2.92	6.00	ug/L	
SJF0318-CCB3	Zinc-67 (dissolved)	-0.0890	0.94	6.00	ug/L	
SJF0318-IBL5	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0318-IBL5	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	
SJF0318-IBL5	Copper-63 (dissolved)	-0.0130	0.173	0.500	ug/L	
SJF0318-IBL5	Copper-65 (dissolved)	-0.00900	0.35	0.500	ug/L	
SJF0318-IBL5	Zinc-66 (dissolved)	-0.147	2.92	6.00	ug/L	
SJF0318-IBL5	Zinc-67 (dissolved)	-0.0670	0.94	6.00	ug/L	
SJF0318-CCB4	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJF0318-CCB4	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0318-CCB4	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0318-CCB4	Copper-65 (dissolved)	0.00500	0.35	0.500	ug/L	
SJF0318-CCB4	Zinc-66 (dissolved)	0.0100	2.92	6.00	ug/L	
SJF0318-CCB4	Zinc-67 (dissolved)	0.0150	0.94	6.00	ug/L	
SJF0318-IBL6	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0318-IBL6	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0318-IBL6	Copper-63 (dissolved)	-0.00800	0.173	0.500	ug/L	
SJF0318-IBL6	Copper-65 (dissolved)	-0.00300	0.35	0.500	ug/L	
SJF0318-IBL6	Zinc-66 (dissolved)	-0.0860	2.92	6.00	ug/L	
SJF0318-IBL6	Zinc-67 (dissolved)	-0.0440	0.94	6.00	ug/L	
SJF0318-CCB5	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0318-CCB5	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0318
SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00068
Date Analyzed: 06/23/21 19:47

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-CCB5	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0318-CCB5	Copper-65 (dissolved)	0.00400	0.35	0.500	ug/L	
SJF0318-CCB5	Zinc-66 (dissolved)	0.0150	2.92	6.00	ug/L	
SJF0318-CCB5	Zinc-67 (dissolved)	0.0780	0.94	6.00	ug/L	
SJF0318-IBL7	Cadmium-111 (dissolved)	0.00500	0.03	0.100	ug/L	
SJF0318-IBL7	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0318-IBL7	Copper-63 (dissolved)	-0.00700	0.173	0.500	ug/L	
SJF0318-IBL7	Copper-65 (dissolved)	-0.0140	0.35	0.500	ug/L	
SJF0318-IBL7	Zinc-66 (dissolved)	-0.0820	2.92	6.00	ug/L	
SJF0318-IBL7	Zinc-67 (dissolved)	0.0050	0.94	6.00	ug/L	
SJF0318-CCB6	Cadmium-111 (dissolved)	-0.00300	0.03	0.100	ug/L	
SJF0318-CCB6	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0318-CCB6	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0318-CCB6	Copper-65 (dissolved)	0.00900	0.35	0.500	ug/L	
SJF0318-CCB6	Zinc-66 (dissolved)	0.0050	2.92	6.00	ug/L	
SJF0318-CCB6	Zinc-67 (dissolved)	-0.0040	0.94	6.00	ug/L	
SJF0318-IBL8	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJF0318-IBL8	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0318-IBL8	Copper-63 (dissolved)	-0.0110	0.173	0.500	ug/L	
SJF0318-IBL8	Copper-65 (dissolved)	-0.00300	0.35	0.500	ug/L	
SJF0318-IBL8	Zinc-66 (dissolved)	-0.0610	2.92	6.00	ug/L	
SJF0318-IBL8	Zinc-67 (dissolved)	-0.0810	0.94	6.00	ug/L	
SJF0318-CCB7	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJF0318-CCB7	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0318-CCB7	Copper-63 (dissolved)	-0.00300	0.173	0.500	ug/L	
SJF0318-CCB7	Copper-65 (dissolved)	0.00600	0.35	0.500	ug/L	
SJF0318-CCB7	Zinc-66 (dissolved)	-0.0800	2.92	6.00	ug/L	
SJF0318-CCB7	Zinc-67 (dissolved)	-0.0430	0.94	6.00	ug/L	
SJF0318-IBL9	Cadmium-111 (dissolved)	0.0190	0.03	0.100	ug/L	
SJF0318-IBL9	Cadmium-114 (dissolved)	0.0140	0.04	0.100	ug/L	
SJF0318-IBL9	Copper-63 (dissolved)	-0.00800	0.173	0.500	ug/L	
SJF0318-IBL9	Copper-65 (dissolved)	-0.00100	0.35	0.500	ug/L	
SJF0318-IBL9	Zinc-66 (dissolved)	-0.125	2.92	6.00	ug/L	
SJF0318-IBL9	Zinc-67 (dissolved)	-0.121	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0318
SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00068
Date Analyzed: 06/23/21 23:36

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-CCB8	Cadmium-111 (dissolved)	0.00800	0.03	0.100	ug/L	
SJF0318-CCB8	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0318-CCB8	Copper-63 (dissolved)	-0.00800	0.173	0.500	ug/L	
SJF0318-CCB8	Copper-65 (dissolved)	-0.0120	0.35	0.500	ug/L	
SJF0318-CCB8	Zinc-66 (dissolved)	-0.166	2.92	6.00	ug/L	
SJF0318-CCB8	Zinc-67 (dissolved)	-0.159	0.94	6.00	ug/L	
SJF0318-CCB9	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0318-CCB9	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	
SJF0318-CCB9	Copper-63 (dissolved)	0.00500	0.173	0.500	ug/L	
SJF0318-CCB9	Copper-65 (dissolved)	0.00700	0.35	0.500	ug/L	
SJF0318-CCB9	Zinc-66 (dissolved)	0.0140	2.92	6.00	ug/L	
SJF0318-CCB9	Zinc-67 (dissolved)	0.0820	0.94	6.00	ug/L	
SJF0318-IBLA	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0318-IBLA	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	
SJF0318-IBLA	Copper-63 (dissolved)	-0.0100	0.173	0.500	ug/L	
SJF0318-IBLA	Copper-65 (dissolved)	-0.0100	0.35	0.500	ug/L	
SJF0318-IBLA	Zinc-66 (dissolved)	-0.0890	2.92	6.00	ug/L	
SJF0318-IBLA	Zinc-67 (dissolved)	-0.0690	0.94	6.00	ug/L	
SJF0318-CCBA	Cadmium-111 (dissolved)	-0.00800	0.03	0.100	ug/L	
SJF0318-CCBA	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0318-CCBA	Copper-63 (dissolved)	0.00500	0.173	0.500	ug/L	
SJF0318-CCBA	Copper-65 (dissolved)	0.00900	0.35	0.500	ug/L	
SJF0318-CCBA	Zinc-66 (dissolved)	0.113	2.92	6.00	ug/L	
SJF0318-CCBA	Zinc-67 (dissolved)	0.0900	0.94	6.00	ug/L	
SJF0318-IBLB	Cadmium-111 (dissolved)	-0.00600	0.03	0.100	ug/L	
SJF0318-IBLB	Cadmium-114 (dissolved)	-0.00500	0.04	0.100	ug/L	
SJF0318-IBLB	Copper-63 (dissolved)	-0.0120	0.173	0.500	ug/L	
SJF0318-IBLB	Copper-65 (dissolved)	-0.00700	0.35	0.500	ug/L	
SJF0318-IBLB	Zinc-66 (dissolved)	-0.0820	2.92	6.00	ug/L	
SJF0318-IBLB	Zinc-67 (dissolved)	-0.145	0.94	6.00	ug/L	
SJF0318-CCBB	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJF0318-CCBB	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0318-CCBB	Copper-63 (dissolved)	0.00500	0.173	0.500	ug/L	
SJF0318-CCBB	Copper-65 (dissolved)	0.0100	0.35	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Date Analyzed: 06/24/21 02:06

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-CCBB	Zinc-66 (dissolved)	0.106	2.92	6.00	ug/L	
SJF0318-CCBB	Zinc-67 (dissolved)	0.121	0.94	6.00	ug/L	
SJF0318-IBLC	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0318-IBLC	Cadmium-114 (dissolved)	-0.00500	0.04	0.100	ug/L	
SJF0318-IBLC	Copper-63 (dissolved)	-0.0140	0.173	0.500	ug/L	
SJF0318-IBLC	Copper-65 (dissolved)	-0.00700	0.35	0.500	ug/L	
SJF0318-IBLC	Zinc-66 (dissolved)	-0.104	2.92	6.00	ug/L	
SJF0318-IBLC	Zinc-67 (dissolved)	-0.120	0.94	6.00	ug/L	
SJF0318-CCBC	Cadmium-111 (dissolved)	-0.00500	0.03	0.100	ug/L	
SJF0318-CCBC	Cadmium-114 (dissolved)	-0.00400	0.04	0.100	ug/L	
SJF0318-CCBC	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0318-CCBC	Copper-65 (dissolved)	0.00900	0.35	0.500	ug/L	
SJF0318-CCBC	Zinc-66 (dissolved)	0.117	2.92	6.00	ug/L	
SJF0318-CCBC	Zinc-67 (dissolved)	0.0620	0.94	6.00	ug/L	
SJF0318-IBLD	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0318-IBLD	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	
SJF0318-IBLD	Copper-63 (dissolved)	-0.0120	0.173	0.500	ug/L	
SJF0318-IBLD	Copper-65 (dissolved)	-0.0120	0.35	0.500	ug/L	
SJF0318-IBLD	Zinc-66 (dissolved)	-0.0890	2.92	6.00	ug/L	
SJF0318-IBLD	Zinc-67 (dissolved)	-0.167	0.94	6.00	ug/L	
SJF0318-CCBD	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJF0318-CCBD	Cadmium-114 (dissolved)	-0.00400	0.04	0.100	ug/L	
SJF0318-CCBD	Copper-63 (dissolved)	0.00700	0.173	0.500	ug/L	
SJF0318-CCBD	Copper-65 (dissolved)	0.0110	0.35	0.500	ug/L	
SJF0318-CCBD	Zinc-66 (dissolved)	0.0820	2.92	6.00	ug/L	
SJF0318-CCBD	Zinc-67 (dissolved)	0.193	0.94	6.00	ug/L	
SJF0318-CCBE	Cadmium-111 (dissolved)	-0.00300	0.03	0.100	ug/L	
SJF0318-CCBE	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0318-CCBE	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0318-CCBE	Copper-65 (dissolved)	0.00100	0.35	0.500	ug/L	
SJF0318-CCBE	Zinc-66 (dissolved)	-0.0020	2.92	6.00	ug/L	
SJF0318-CCBE	Zinc-67 (dissolved)	0.0420	0.94	6.00	ug/L	
SJF0318-IBLE	Cadmium-111 (dissolved)	-0.00500	0.03	0.100	ug/L	
SJF0318-IBLE	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Date Analyzed: 06/24/21 05:31

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-IBLE	Copper-63 (dissolved)	-0.0160	0.173	0.500	ug/L	
SJF0318-IBLE	Copper-65 (dissolved)	-0.0190	0.35	0.500	ug/L	
SJF0318-IBLE	Zinc-66 (dissolved)	-0.166	2.92	6.00	ug/L	
SJF0318-IBLE	Zinc-67 (dissolved)	-0.127	0.94	6.00	ug/L	
SJF0318-CCBF	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJF0318-CCBF	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0318-CCBF	Copper-63 (dissolved)	0.00400	0.173	0.500	ug/L	
SJF0318-CCBF	Copper-65 (dissolved)	-0.00300	0.35	0.500	ug/L	
SJF0318-CCBF	Zinc-66 (dissolved)	0.0040	2.92	6.00	ug/L	
SJF0318-CCBF	Zinc-67 (dissolved)	0.0480	0.94	6.00	ug/L	
SJF0318-IBLF	Cadmium-111 (dissolved)	-0.00500	0.03	0.100	ug/L	
SJF0318-IBLF	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0318-IBLF	Copper-63 (dissolved)	-0.0170	0.173	0.500	ug/L	
SJF0318-IBLF	Copper-65 (dissolved)	-0.0150	0.35	0.500	ug/L	
SJF0318-IBLF	Zinc-66 (dissolved)	-0.173	2.92	6.00	ug/L	
SJF0318-IBLF	Zinc-67 (dissolved)	-0.0850	0.94	6.00	ug/L	
SJF0318-CCBG	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJF0318-CCBG	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0318-CCBG	Copper-63 (dissolved)	-0.00200	0.173	0.500	ug/L	
SJF0318-CCBG	Copper-65 (dissolved)	-0.00200	0.35	0.500	ug/L	
SJF0318-CCBG	Zinc-66 (dissolved)	0.0130	2.92	6.00	ug/L	
SJF0318-CCBG	Zinc-67 (dissolved)	0.0030	0.94	6.00	ug/L	
SJF0318-IBLG	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0318-IBLG	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0318-IBLG	Copper-63 (dissolved)	-0.0130	0.173	0.500	ug/L	
SJF0318-IBLG	Copper-65 (dissolved)	-0.0180	0.35	0.500	ug/L	
SJF0318-IBLG	Zinc-66 (dissolved)	-0.168	2.92	6.00	ug/L	
SJF0318-IBLG	Zinc-67 (dissolved)	-0.148	0.94	6.00	ug/L	
SJF0318-CCBH	Cadmium-111 (dissolved)	-0.00800	0.03	0.100	ug/L	
SJF0318-CCBH	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0318-CCBH	Copper-63 (dissolved)	-0.00200	0.173	0.500	ug/L	
SJF0318-CCBH	Copper-65 (dissolved)	-0.00800	0.35	0.500	ug/L	
SJF0318-CCBH	Zinc-66 (dissolved)	0.0290	2.92	6.00	ug/L	
SJF0318-CCBH	Zinc-67 (dissolved)	0.0340	0.94	6.00	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Date Analyzed: 06/24/21 08:55

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0318-IBLH	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0318-IBLH	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0318-IBLH	Copper-63 (dissolved)	-0.0160	0.173	0.500	ug/L	
SJF0318-IBLH	Copper-65 (dissolved)	-0.0180	0.35	0.500	ug/L	
SJF0318-IBLH	Zinc-66 (dissolved)	-0.188	2.92	6.00	ug/L	
SJF0318-IBLH	Zinc-67 (dissolved)	-0.180	0.94	6.00	ug/L	
SJF0318-CCBI	Cadmium-111 (dissolved)	-0.00500	0.03	0.100	ug/L	
SJF0318-CCBI	Cadmium-114 (dissolved)	0.00400	0.04	0.100	ug/L	
SJF0318-CCBI	Copper-63 (dissolved)	-0.00200	0.173	0.500	ug/L	
SJF0318-CCBI	Copper-65 (dissolved)	-0.00200	0.35	0.500	ug/L	
SJF0318-CCBI	Zinc-66 (dissolved)	0.0070	2.92	6.00	ug/L	
SJF0318-CCBI	Zinc-67 (dissolved)	0.0520	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/24/21 14:20

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBL1	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJF0364-IBL1	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJF0364-IBL1	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0364-IBL1	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0364-IBL1	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0364-IBL1	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0364-IBL1	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0364-IBL1	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0364-IBL1	Zinc-66	0.0010	2.92	6.00	ug/L	
SJF0364-IBL1	Zinc-66 (dissolved)	0.0010	2.92	6.00	ug/L	
SJF0364-IBL1	Zinc-67	0.0230	0.94	6.00	ug/L	
SJF0364-IBL1	Zinc-67 (dissolved)	0.0230	0.94	6.00	ug/L	
SJF0364-ICB1	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJF0364-ICB1	Cadmium-111	0.00400	0.03	0.100	ug/L	
SJF0364-ICB1	Cadmium-114	0.00600	0.04	0.100	ug/L	
SJF0364-ICB1	Cadmium-114 (dissolved)	0.00600	0.04	0.100	ug/L	
SJF0364-ICB1	Copper-63	0.00300	0.173	0.500	ug/L	
SJF0364-ICB1	Copper-63 (dissolved)	0.00300	0.173	0.500	ug/L	
SJF0364-ICB1	Copper-65	0.00500	0.35	0.500	ug/L	
SJF0364-ICB1	Copper-65 (dissolved)	0.00500	0.35	0.500	ug/L	
SJF0364-ICB1	Zinc-66	0.0390	2.92	6.00	ug/L	
SJF0364-ICB1	Zinc-66 (dissolved)	0.0390	2.92	6.00	ug/L	
SJF0364-ICB1	Zinc-67	0.0580	0.94	6.00	ug/L	
SJF0364-ICB1	Zinc-67 (dissolved)	0.0580	0.94	6.00	ug/L	
SJF0364-CCB1	Cadmium-111 (dissolved)	0.00700	0.03	0.100	ug/L	
SJF0364-CCB1	Cadmium-111	0.00700	0.03	0.100	ug/L	
SJF0364-CCB1	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0364-CCB1	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0364-CCB1	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0364-CCB1	Copper-63	0.00	0.173	0.500	ug/L	
SJF0364-CCB1	Copper-65 (dissolved)	0.00300	0.35	0.500	ug/L	
SJF0364-CCB1	Copper-65	0.00300	0.35	0.500	ug/L	
SJF0364-CCB1	Zinc-66 (dissolved)	0.0050	2.92	6.00	ug/L	
SJF0364-CCB1	Zinc-66	0.0050	2.92	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/24/21 14:53

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB1	Zinc-67	-0.0080	0.94	6.00	ug/L	
SJF0364-CCB1	Zinc-67 (dissolved)	-0.0080	0.94	6.00	ug/L	
SJF0364-IBL2	Cadmium-111	0.00400	0.03	0.100	ug/L	
SJF0364-IBL2	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJF0364-IBL2	Cadmium-114	0.00400	0.04	0.100	ug/L	
SJF0364-IBL2	Cadmium-114 (dissolved)	0.00400	0.04	0.100	ug/L	
SJF0364-IBL2	Copper-63	0.0160	0.173	0.500	ug/L	
SJF0364-IBL2	Copper-63 (dissolved)	0.0160	0.173	0.500	ug/L	
SJF0364-IBL2	Copper-65	0.0200	0.35	0.500	ug/L	
SJF0364-IBL2	Copper-65 (dissolved)	0.0200	0.35	0.500	ug/L	
SJF0364-IBL2	Zinc-66	0.155	2.92	6.00	ug/L	
SJF0364-IBL2	Zinc-66 (dissolved)	0.155	2.92	6.00	ug/L	
SJF0364-IBL2	Zinc-67	0.165	0.94	6.00	ug/L	
SJF0364-IBL2	Zinc-67 (dissolved)	0.165	0.94	6.00	ug/L	
SJF0364-IBL3	Cadmium-111	0.00800	0.03	0.100	ug/L	
SJF0364-IBL3	Cadmium-111 (dissolved)	0.00800	0.03	0.100	ug/L	
SJF0364-IBL3	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0364-IBL3	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0364-IBL3	Copper-63	0.0150	0.173	0.500	ug/L	
SJF0364-IBL3	Copper-63 (dissolved)	0.0150	0.173	0.500	ug/L	
SJF0364-IBL3	Copper-65	0.0130	0.35	0.500	ug/L	
SJF0364-IBL3	Copper-65 (dissolved)	0.0130	0.35	0.500	ug/L	
SJF0364-IBL3	Zinc-66	0.166	2.92	6.00	ug/L	
SJF0364-IBL3	Zinc-66 (dissolved)	0.166	2.92	6.00	ug/L	
SJF0364-IBL3	Zinc-67	0.188	0.94	6.00	ug/L	
SJF0364-IBL3	Zinc-67 (dissolved)	0.188	0.94	6.00	ug/L	
SJF0364-CCB2	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJF0364-CCB2	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJF0364-CCB2	Cadmium-114	0.00500	0.04	0.100	ug/L	
SJF0364-CCB2	Cadmium-114 (dissolved)	0.00500	0.04	0.100	ug/L	
SJF0364-CCB2	Copper-63	0.00	0.173	0.500	ug/L	
SJF0364-CCB2	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0364-CCB2	Copper-65	0.00300	0.35	0.500	ug/L	
SJF0364-CCB2	Copper-65 (dissolved)	0.00300	0.35	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/24/21 15:49

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB2	Zinc-66	0.0510	2.92	6.00	ug/L	
SJF0364-CCB2	Zinc-66 (dissolved)	0.0510	2.92	6.00	ug/L	
SJF0364-CCB2	Zinc-67	0.0310	0.94	6.00	ug/L	
SJF0364-CCB2	Zinc-67 (dissolved)	0.0310	0.94	6.00	ug/L	
SJF0364-IBL4	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0364-IBL4	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0364-IBL4	Cadmium-114	0.00700	0.04	0.100	ug/L	
SJF0364-IBL4	Cadmium-114 (dissolved)	0.00700	0.04	0.100	ug/L	
SJF0364-IBL4	Copper-63	-0.00100	0.173	0.500	ug/L	
SJF0364-IBL4	Copper-63 (dissolved)	-0.00100	0.173	0.500	ug/L	
SJF0364-IBL4	Copper-65	-0.00200	0.35	0.500	ug/L	
SJF0364-IBL4	Copper-65 (dissolved)	-0.00200	0.35	0.500	ug/L	
SJF0364-IBL4	Zinc-66	0.135	2.92	6.00	ug/L	
SJF0364-IBL4	Zinc-66 (dissolved)	0.135	2.92	6.00	ug/L	
SJF0364-IBL4	Zinc-67	0.0950	0.94	6.00	ug/L	
SJF0364-IBL4	Zinc-67 (dissolved)	0.0950	0.94	6.00	ug/L	
SJF0364-CCB3	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0364-CCB3	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0364-CCB3	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0364-CCB3	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0364-CCB3	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0364-CCB3	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0364-CCB3	Copper-65	0.00100	0.35	0.500	ug/L	
SJF0364-CCB3	Copper-65 (dissolved)	0.00100	0.35	0.500	ug/L	
SJF0364-CCB3	Zinc-66 (dissolved)	0.0470	2.92	6.00	ug/L	
SJF0364-CCB3	Zinc-66	0.0470	2.92	6.00	ug/L	
SJF0364-CCB3	Zinc-67	0.0830	0.94	6.00	ug/L	
SJF0364-CCB3	Zinc-67 (dissolved)	0.0830	0.94	6.00	ug/L	
SJF0364-CCB4	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0364-CCB4	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0364-CCB4	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0364-CCB4	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0364-CCB4	Copper-63 (dissolved)	0.00300	0.173	0.500	ug/L	
SJF0364-CCB4	Copper-63	0.00300	0.173	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/24/21 17:26

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB4	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0364-CCB4	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0364-CCB4	Zinc-66	-0.0070	2.92	6.00	ug/L	
SJF0364-CCB4	Zinc-66 (dissolved)	-0.0070	2.92	6.00	ug/L	
SJF0364-CCB4	Zinc-67 (dissolved)	-0.0200	0.94	6.00	ug/L	
SJF0364-CCB4	Zinc-67	-0.0200	0.94	6.00	ug/L	
SJF0364-IBL5	Cadmium-111	0.00100	0.03	0.100	ug/L	
SJF0364-IBL5	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJF0364-IBL5	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0364-IBL5	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0364-IBL5	Copper-63	0.00	0.173	0.500	ug/L	
SJF0364-IBL5	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0364-IBL5	Copper-65	-0.00100	0.35	0.500	ug/L	
SJF0364-IBL5	Copper-65 (dissolved)	-0.00100	0.35	0.500	ug/L	
SJF0364-IBL5	Zinc-66	0.175	2.92	6.00	ug/L	
SJF0364-IBL5	Zinc-66 (dissolved)	0.175	2.92	6.00	ug/L	
SJF0364-IBL5	Zinc-67	0.196	0.94	6.00	ug/L	
SJF0364-IBL5	Zinc-67 (dissolved)	0.196	0.94	6.00	ug/L	
SJF0364-IBL6	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0364-IBL6	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0364-IBL6	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0364-IBL6	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0364-IBL6	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0364-IBL6	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0364-IBL6	Copper-65 (dissolved)	-0.00400	0.35	0.500	ug/L	
SJF0364-IBL6	Copper-65	-0.00400	0.35	0.500	ug/L	
SJF0364-IBL6	Zinc-66	0.169	2.92	6.00	ug/L	
SJF0364-IBL6	Zinc-66 (dissolved)	0.169	2.92	6.00	ug/L	
SJF0364-IBL6	Zinc-67	0.209	0.94	6.00	ug/L	
SJF0364-IBL6	Zinc-67 (dissolved)	0.209	0.94	6.00	ug/L	
SJF0364-CCB5	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0364-CCB5	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0364-CCB5	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0364-CCB5	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/24/21 18:46

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB5	Copper-63	0.00300	0.173	0.500	ug/L	
SJF0364-CCB5	Copper-63 (dissolved)	0.00300	0.173	0.500	ug/L	
SJF0364-CCB5	Copper-65 (dissolved)	-0.00300	0.35	0.500	ug/L	
SJF0364-CCB5	Copper-65	-0.00300	0.35	0.500	ug/L	
SJF0364-CCB5	Zinc-66 (dissolved)	0.0140	2.92	6.00	ug/L	
SJF0364-CCB5	Zinc-66	0.0140	2.92	6.00	ug/L	
SJF0364-CCB5	Zinc-67 (dissolved)	0.0090	0.94	6.00	ug/L	
SJF0364-CCB5	Zinc-67	0.0090	0.94	6.00	ug/L	
SJF0364-IBL7	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJF0364-IBL7	Cadmium-111 (dissolved)	-0.00300	0.03	0.100	ug/L	
SJF0364-IBL7	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0364-IBL7	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0364-IBL7	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0364-IBL7	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0364-IBL7	Copper-65	-0.00100	0.35	0.500	ug/L	
SJF0364-IBL7	Copper-65 (dissolved)	-0.00100	0.35	0.500	ug/L	
SJF0364-IBL7	Zinc-66	0.193	2.92	6.00	ug/L	
SJF0364-IBL7	Zinc-66 (dissolved)	0.193	2.92	6.00	ug/L	
SJF0364-IBL7	Zinc-67 (dissolved)	0.167	0.94	6.00	ug/L	
SJF0364-IBL7	Zinc-67	0.167	0.94	6.00	ug/L	
SJF0364-IBL8	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0364-IBL8	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0364-IBL8	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0364-IBL8	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0364-IBL8	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0364-IBL8	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0364-IBL8	Copper-65 (dissolved)	-0.00200	0.35	0.500	ug/L	
SJF0364-IBL8	Copper-65	-0.00200	0.35	0.500	ug/L	
SJF0364-IBL8	Zinc-66	0.135	2.92	6.00	ug/L	
SJF0364-IBL8	Zinc-66 (dissolved)	0.135	2.92	6.00	ug/L	
SJF0364-IBL8	Zinc-67 (dissolved)	0.140	0.94	6.00	ug/L	
SJF0364-IBL8	Zinc-67	0.140	0.94	6.00	ug/L	
SJF0364-IBL9	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJF0364-IBL9	Cadmium-111	-0.00400	0.03	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364
SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/24/21 19:56

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBL9	Cadmium-114	-0.00300	0.04	0.100	ug/L	
SJF0364-IBL9	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	
SJF0364-IBL9	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0364-IBL9	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0364-IBL9	Copper-65 (dissolved)	-0.00200	0.35	0.500	ug/L	
SJF0364-IBL9	Copper-65	-0.00200	0.35	0.500	ug/L	
SJF0364-IBL9	Zinc-66 (dissolved)	0.146	2.92	6.00	ug/L	
SJF0364-IBL9	Zinc-66	0.146	2.92	6.00	ug/L	
SJF0364-IBL9	Zinc-67 (dissolved)	0.161	0.94	6.00	ug/L	
SJF0364-IBL9	Zinc-67	0.161	0.94	6.00	ug/L	
SJF0364-CCB6	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJF0364-CCB6	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJF0364-CCB6	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0364-CCB6	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0364-CCB6	Copper-63 (dissolved)	0.00400	0.173	0.500	ug/L	
SJF0364-CCB6	Copper-63	0.00400	0.173	0.500	ug/L	
SJF0364-CCB6	Copper-65 (dissolved)	0.00300	0.35	0.500	ug/L	
SJF0364-CCB6	Copper-65	0.00300	0.35	0.500	ug/L	
SJF0364-CCB6	Zinc-66 (dissolved)	0.0170	2.92	6.00	ug/L	
SJF0364-CCB6	Zinc-66	0.0170	2.92	6.00	ug/L	
SJF0364-CCB6	Zinc-67	0.0390	0.94	6.00	ug/L	
SJF0364-CCB6	Zinc-67 (dissolved)	0.0390	0.94	6.00	ug/L	
SJF0364-IBLA	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJF0364-IBLA	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJF0364-IBLA	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0364-IBLA	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0364-IBLA	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0364-IBLA	Copper-63	0.00	0.173	0.500	ug/L	
SJF0364-IBLA	Copper-65	-0.00500	0.35	0.500	ug/L	
SJF0364-IBLA	Copper-65 (dissolved)	-0.00500	0.35	0.500	ug/L	
SJF0364-IBLA	Zinc-66 (dissolved)	0.182	2.92	6.00	ug/L	
SJF0364-IBLA	Zinc-66	0.182	2.92	6.00	ug/L	
SJF0364-IBLA	Zinc-67	0.165	0.94	6.00	ug/L	
SJF0364-IBLA	Zinc-67 (dissolved)	0.165	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/24/21 21:22

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB7	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJF0364-CCB7	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJF0364-CCB7	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0364-CCB7	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0364-CCB7	Copper-63	0.00500	0.173	0.500	ug/L	
SJF0364-CCB7	Copper-63 (dissolved)	0.00500	0.173	0.500	ug/L	
SJF0364-CCB7	Copper-65	-0.00200	0.35	0.500	ug/L	
SJF0364-CCB7	Copper-65 (dissolved)	-0.00200	0.35	0.500	ug/L	
SJF0364-CCB7	Zinc-66	0.0770	2.92	6.00	ug/L	
SJF0364-CCB7	Zinc-66 (dissolved)	0.0770	2.92	6.00	ug/L	
SJF0364-CCB7	Zinc-67	0.0530	0.94	6.00	ug/L	
SJF0364-CCB7	Zinc-67 (dissolved)	0.0530	0.94	6.00	ug/L	
SJF0364-IBLB	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJF0364-IBLB	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJF0364-IBLB	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0364-IBLB	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0364-IBLB	Copper-63	0.00300	0.173	0.500	ug/L	
SJF0364-IBLB	Copper-63 (dissolved)	0.00300	0.173	0.500	ug/L	
SJF0364-IBLB	Copper-65 (dissolved)	-0.00300	0.35	0.500	ug/L	
SJF0364-IBLB	Copper-65	-0.00300	0.35	0.500	ug/L	
SJF0364-IBLB	Zinc-66 (dissolved)	0.172	2.92	6.00	ug/L	
SJF0364-IBLB	Zinc-66	0.172	2.92	6.00	ug/L	
SJF0364-IBLB	Zinc-67	0.190	0.94	6.00	ug/L	
SJF0364-IBLB	Zinc-67 (dissolved)	0.190	0.94	6.00	ug/L	
SJF0364-CCB8	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0364-CCB8	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0364-CCB8	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0364-CCB8	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0364-CCB8	Copper-63 (dissolved)	0.00500	0.173	0.500	ug/L	
SJF0364-CCB8	Copper-63	0.00500	0.173	0.500	ug/L	
SJF0364-CCB8	Copper-65	0.00	0.35	0.500	ug/L	
SJF0364-CCB8	Copper-65 (dissolved)	0.00	0.35	0.500	ug/L	
SJF0364-CCB8	Zinc-66	0.111	2.92	6.00	ug/L	
SJF0364-CCB8	Zinc-66 (dissolved)	0.111	2.92	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/24/21 22:35

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCB8	Zinc-67 (dissolved)	0.158	0.94	6.00	ug/L	
SJF0364-CCB8	Zinc-67	0.158	0.94	6.00	ug/L	
SJF0364-CCB9	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJF0364-CCB9	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJF0364-CCB9	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0364-CCB9	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0364-CCB9	Copper-63 (dissolved)	-0.00200	0.173	0.500	ug/L	
SJF0364-CCB9	Copper-63	-0.00200	0.173	0.500	ug/L	
SJF0364-CCB9	Copper-65	-0.00100	0.35	0.500	ug/L	
SJF0364-CCB9	Copper-65 (dissolved)	-0.00100	0.35	0.500	ug/L	
SJF0364-CCB9	Zinc-66	0.0410	2.92	6.00	ug/L	
SJF0364-CCB9	Zinc-66 (dissolved)	0.0410	2.92	6.00	ug/L	
SJF0364-CCB9	Zinc-67	0.0320	0.94	6.00	ug/L	
SJF0364-CCB9	Zinc-67 (dissolved)	0.0320	0.94	6.00	ug/L	
SJF0364-IBLC	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJF0364-IBLC	Cadmium-111 (dissolved)	-0.00300	0.03	0.100	ug/L	
SJF0364-IBLC	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0364-IBLC	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0364-IBLC	Copper-63 (dissolved)	-0.00600	0.173	0.500	ug/L	
SJF0364-IBLC	Copper-63	-0.00600	0.173	0.500	ug/L	
SJF0364-IBLC	Copper-65	-0.00400	0.35	0.500	ug/L	
SJF0364-IBLC	Copper-65 (dissolved)	-0.00400	0.35	0.500	ug/L	
SJF0364-IBLC	Zinc-66	0.0540	2.92	6.00	ug/L	
SJF0364-IBLC	Zinc-66 (dissolved)	0.0540	2.92	6.00	ug/L	
SJF0364-IBLC	Zinc-67 (dissolved)	0.0790	0.94	6.00	ug/L	
SJF0364-IBLC	Zinc-67	0.0790	0.94	6.00	ug/L	
SJF0364-CCBA	Cadmium-111	0.00500	0.03	0.100	ug/L	
SJF0364-CCBA	Cadmium-111 (dissolved)	0.00500	0.03	0.100	ug/L	
SJF0364-CCBA	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0364-CCBA	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0364-CCBA	Copper-63	0.00	0.173	0.500	ug/L	
SJF0364-CCBA	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0364-CCBA	Copper-65	-0.00100	0.35	0.500	ug/L	
SJF0364-CCBA	Copper-65 (dissolved)	-0.00100	0.35	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/24/21 23:59

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCBA	Zinc-66	0.0220	2.92	6.00	ug/L	
SJF0364-CCBA	Zinc-66 (dissolved)	0.0220	2.92	6.00	ug/L	
SJF0364-CCBA	Zinc-67	0.0360	0.94	6.00	ug/L	
SJF0364-CCBA	Zinc-67 (dissolved)	0.0360	0.94	6.00	ug/L	
SJF0364-IBLD	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJF0364-IBLD	Cadmium-111	0.00400	0.03	0.100	ug/L	
SJF0364-IBLD	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0364-IBLD	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0364-IBLD	Copper-63	-0.00300	0.173	0.500	ug/L	
SJF0364-IBLD	Copper-63 (dissolved)	-0.00300	0.173	0.500	ug/L	
SJF0364-IBLD	Copper-65	0.00	0.35	0.500	ug/L	
SJF0364-IBLD	Copper-65 (dissolved)	0.00	0.35	0.500	ug/L	
SJF0364-IBLD	Zinc-66	0.0620	2.92	6.00	ug/L	
SJF0364-IBLD	Zinc-66 (dissolved)	0.0620	2.92	6.00	ug/L	
SJF0364-IBLD	Zinc-67	0.0400	0.94	6.00	ug/L	
SJF0364-IBLD	Zinc-67 (dissolved)	0.0400	0.94	6.00	ug/L	
SJF0364-CCBB	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0364-CCBB	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0364-CCBB	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0364-CCBB	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0364-CCBB	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0364-CCBB	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0364-CCBB	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0364-CCBB	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0364-CCBB	Zinc-66 (dissolved)	0.0440	2.92	6.00	ug/L	
SJF0364-CCBB	Zinc-66	0.0440	2.92	6.00	ug/L	
SJF0364-CCBB	Zinc-67 (dissolved)	0.0450	0.94	6.00	ug/L	
SJF0364-CCBB	Zinc-67	0.0450	0.94	6.00	ug/L	
SJF0364-IBLE	Cadmium-111 (dissolved)	-0.00600	0.03	0.100	ug/L	
SJF0364-IBLE	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJF0364-IBLE	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0364-IBLE	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0364-IBLE	Copper-63	-0.00400	0.173	0.500	ug/L	
SJF0364-IBLE	Copper-63 (dissolved)	-0.00400	0.173	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/25/21 01:28

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBLE	Copper-65	-0.00300	0.35	0.500	ug/L	
SJF0364-IBLE	Copper-65 (dissolved)	-0.00300	0.35	0.500	ug/L	
SJF0364-IBLE	Zinc-66 (dissolved)	0.0550	2.92	6.00	ug/L	
SJF0364-IBLE	Zinc-66	0.0550	2.92	6.00	ug/L	
SJF0364-IBLE	Zinc-67 (dissolved)	0.0260	0.94	6.00	ug/L	
SJF0364-IBLE	Zinc-67	0.0260	0.94	6.00	ug/L	
SJF0364-IBLF	Cadmium-111	0.00100	0.03	0.100	ug/L	
SJF0364-IBLF	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJF0364-IBLF	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0364-IBLF	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0364-IBLF	Copper-63 (dissolved)	-0.00200	0.173	0.500	ug/L	
SJF0364-IBLF	Copper-63	-0.00200	0.173	0.500	ug/L	
SJF0364-IBLF	Copper-65	-0.00700	0.35	0.500	ug/L	
SJF0364-IBLF	Copper-65 (dissolved)	-0.00700	0.35	0.500	ug/L	
SJF0364-IBLF	Zinc-66 (dissolved)	0.0900	2.92	6.00	ug/L	
SJF0364-IBLF	Zinc-66	0.0900	2.92	6.00	ug/L	
SJF0364-IBLF	Zinc-67 (dissolved)	0.120	0.94	6.00	ug/L	
SJF0364-IBLF	Zinc-67	0.120	0.94	6.00	ug/L	
SJF0364-CCBC	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJF0364-CCBC	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJF0364-CCBC	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0364-CCBC	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0364-CCBC	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0364-CCBC	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0364-CCBC	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0364-CCBC	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0364-CCBC	Zinc-66	0.0270	2.92	6.00	ug/L	
SJF0364-CCBC	Zinc-66 (dissolved)	0.0270	2.92	6.00	ug/L	
SJF0364-CCBC	Zinc-67	0.0180	0.94	6.00	ug/L	
SJF0364-CCBC	Zinc-67 (dissolved)	0.0180	0.94	6.00	ug/L	
SJF0364-IBLG	Cadmium-111	-0.00500	0.03	0.100	ug/L	
SJF0364-IBLG	Cadmium-111 (dissolved)	-0.00500	0.03	0.100	ug/L	
SJF0364-IBLG	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0364-IBLG	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/25/21 03:00

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBLG	Copper-63 (dissolved)	-0.00400	0.173	0.500	ug/L	
SJF0364-IBLG	Copper-63	-0.00400	0.173	0.500	ug/L	
SJF0364-IBLG	Copper-65 (dissolved)	-0.00500	0.35	0.500	ug/L	
SJF0364-IBLG	Copper-65	-0.00500	0.35	0.500	ug/L	
SJF0364-IBLG	Zinc-66 (dissolved)	0.0610	2.92	6.00	ug/L	
SJF0364-IBLG	Zinc-66	0.0610	2.92	6.00	ug/L	
SJF0364-IBLG	Zinc-67	0.0410	0.94	6.00	ug/L	
SJF0364-IBLG	Zinc-67 (dissolved)	0.0410	0.94	6.00	ug/L	
SJF0364-CCBD	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0364-CCBD	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0364-CCBD	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0364-CCBD	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0364-CCBD	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0364-CCBD	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0364-CCBD	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0364-CCBD	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0364-CCBD	Zinc-66 (dissolved)	0.0280	2.92	6.00	ug/L	
SJF0364-CCBD	Zinc-66	0.0280	2.92	6.00	ug/L	
SJF0364-CCBD	Zinc-67 (dissolved)	0.0550	0.94	6.00	ug/L	
SJF0364-CCBD	Zinc-67	0.0550	0.94	6.00	ug/L	
SJF0364-IBLH	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0364-IBLH	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0364-IBLH	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0364-IBLH	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0364-IBLH	Copper-63 (dissolved)	-0.00400	0.173	0.500	ug/L	
SJF0364-IBLH	Copper-63	-0.00400	0.173	0.500	ug/L	
SJF0364-IBLH	Copper-65	-0.00200	0.35	0.500	ug/L	
SJF0364-IBLH	Copper-65 (dissolved)	-0.00200	0.35	0.500	ug/L	
SJF0364-IBLH	Zinc-66 (dissolved)	0.0570	2.92	6.00	ug/L	
SJF0364-IBLH	Zinc-66	0.0570	2.92	6.00	ug/L	
SJF0364-IBLH	Zinc-67 (dissolved)	0.0360	0.94	6.00	ug/L	
SJF0364-IBLH	Zinc-67	0.0360	0.94	6.00	ug/L	
SJF0364-CCBE	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0364-CCBE	Cadmium-111	0.00	0.03	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00073
Date Analyzed: 06/25/21 04:15

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-CCBE	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0364-CCBE	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0364-CCBE	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0364-CCBE	Copper-63	0.00	0.173	0.500	ug/L	
SJF0364-CCBE	Copper-65	0.00100	0.35	0.500	ug/L	
SJF0364-CCBE	Copper-65 (dissolved)	0.00100	0.35	0.500	ug/L	
SJF0364-CCBE	Zinc-66	0.0350	2.92	6.00	ug/L	
SJF0364-CCBE	Zinc-66 (dissolved)	0.0350	2.92	6.00	ug/L	
SJF0364-CCBE	Zinc-67	0.0510	0.94	6.00	ug/L	
SJF0364-CCBE	Zinc-67 (dissolved)	0.0510	0.94	6.00	ug/L	
SJF0364-IBLI	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0364-IBLI	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0364-IBLI	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0364-IBLI	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0364-IBLI	Copper-63	0.00	0.173	0.500	ug/L	
SJF0364-IBLI	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0364-IBLI	Copper-65 (dissolved)	0.00	0.35	0.500	ug/L	
SJF0364-IBLI	Copper-65	0.00	0.35	0.500	ug/L	
SJF0364-IBLI	Zinc-66 (dissolved)	0.0390	2.92	6.00	ug/L	
SJF0364-IBLI	Zinc-66	0.0390	2.92	6.00	ug/L	
SJF0364-IBLI	Zinc-67	0.0700	0.94	6.00	ug/L	
SJF0364-IBLI	Zinc-67 (dissolved)	0.0700	0.94	6.00	ug/L	
SJF0364-CCBF	Cadmium-111	0.00100	0.03	0.100	ug/L	
SJF0364-CCBF	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJF0364-CCBF	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0364-CCBF	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0364-CCBF	Copper-63	-0.00200	0.173	0.500	ug/L	
SJF0364-CCBF	Copper-63 (dissolved)	-0.00200	0.173	0.500	ug/L	
SJF0364-CCBF	Copper-65 (dissolved)	-0.00200	0.35	0.500	ug/L	
SJF0364-CCBF	Copper-65	-0.00200	0.35	0.500	ug/L	
SJF0364-CCBF	Zinc-66 (dissolved)	0.0170	2.92	6.00	ug/L	
SJF0364-CCBF	Zinc-66	0.0170	2.92	6.00	ug/L	
SJF0364-CCBF	Zinc-67	0.0380	0.94	6.00	ug/L	
SJF0364-CCBF	Zinc-67 (dissolved)	0.0380	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/25/21 06:11

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBLJ	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJF0364-IBLJ	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJF0364-IBLJ	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0364-IBLJ	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0364-IBLJ	Copper-63	-0.00600	0.173	0.500	ug/L	
SJF0364-IBLJ	Copper-63 (dissolved)	-0.00600	0.173	0.500	ug/L	
SJF0364-IBLJ	Copper-65	-0.00100	0.35	0.500	ug/L	
SJF0364-IBLJ	Copper-65 (dissolved)	-0.00100	0.35	0.500	ug/L	
SJF0364-IBLJ	Zinc-66	0.0790	2.92	6.00	ug/L	
SJF0364-IBLJ	Zinc-66 (dissolved)	0.0790	2.92	6.00	ug/L	
SJF0364-IBLJ	Zinc-67 (dissolved)	0.0660	0.94	6.00	ug/L	
SJF0364-IBLJ	Zinc-67	0.0660	0.94	6.00	ug/L	
SJF0364-CCBG	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0364-CCBG	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0364-CCBG	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0364-CCBG	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0364-CCBG	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0364-CCBG	Copper-63	0.00	0.173	0.500	ug/L	
SJF0364-CCBG	Copper-65	-0.00400	0.35	0.500	ug/L	
SJF0364-CCBG	Copper-65 (dissolved)	-0.00400	0.35	0.500	ug/L	
SJF0364-CCBG	Zinc-66 (dissolved)	0.0230	2.92	6.00	ug/L	
SJF0364-CCBG	Zinc-66	0.0230	2.92	6.00	ug/L	
SJF0364-CCBG	Zinc-67 (dissolved)	-0.0020	0.94	6.00	ug/L	
SJF0364-CCBG	Zinc-67	-0.0020	0.94	6.00	ug/L	
SJF0364-IBLK	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0364-IBLK	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0364-IBLK	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0364-IBLK	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0364-IBLK	Copper-63	-0.00100	0.173	0.500	ug/L	
SJF0364-IBLK	Copper-63 (dissolved)	-0.00100	0.173	0.500	ug/L	
SJF0364-IBLK	Copper-65 (dissolved)	-0.00500	0.35	0.500	ug/L	
SJF0364-IBLK	Copper-65	-0.00500	0.35	0.500	ug/L	
SJF0364-IBLK	Zinc-66 (dissolved)	0.0560	2.92	6.00	ug/L	
SJF0364-IBLK	Zinc-66	0.0560	2.92	6.00	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Date Analyzed: 06/25/21 06:46

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0364-IBLK	Zinc-67 (dissolved)	0.0590	0.94	6.00	ug/L	
SJF0364-IBLK	Zinc-67	0.0590	0.94	6.00	ug/L	
SJF0364-CCBH	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0364-CCBH	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0364-CCBH	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0364-CCBH	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0364-CCBH	Copper-63 (dissolved)	-0.00200	0.173	0.500	ug/L	
SJF0364-CCBH	Copper-63	-0.00200	0.173	0.500	ug/L	
SJF0364-CCBH	Copper-65 (dissolved)	-0.00100	0.35	0.500	ug/L	
SJF0364-CCBH	Copper-65	-0.00100	0.35	0.500	ug/L	
SJF0364-CCBH	Zinc-66	0.0240	2.92	6.00	ug/L	
SJF0364-CCBH	Zinc-66 (dissolved)	0.0240	2.92	6.00	ug/L	
SJF0364-CCBH	Zinc-67	0.0370	0.94	6.00	ug/L	
SJF0364-CCBH	Zinc-67 (dissolved)	0.0370	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Date Analyzed: 06/25/21 14:11

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0378-IBL1	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0378-IBL1	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0378-IBL1	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0378-IBL1	Copper-65	0.00500	0.35	0.500	ug/L	
SJF0378-IBL1	Zinc-66	0.0050	2.92	6.00	ug/L	
SJF0378-IBL1	Zinc-67	0.0160	0.94	6.00	ug/L	
SJF0378-ICB1	Cadmium-111	-0.00800	0.03	0.100	ug/L	
SJF0378-ICB1	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0378-ICB1	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0378-ICB1	Copper-65	0.00500	0.35	0.500	ug/L	
SJF0378-ICB1	Zinc-66	0.0140	2.92	6.00	ug/L	
SJF0378-ICB1	Zinc-67	0.0130	0.94	6.00	ug/L	
SJF0378-CCB1	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJF0378-CCB1	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0378-CCB1	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0378-CCB1	Copper-65	0.00800	0.35	0.500	ug/L	
SJF0378-CCB1	Zinc-66	0.0200	2.92	6.00	ug/L	
SJF0378-CCB1	Zinc-67	-0.0220	0.94	6.00	ug/L	
SJF0378-IBL2	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJF0378-IBL2	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0378-IBL2	Copper-63	0.0140	0.173	0.500	ug/L	
SJF0378-IBL2	Copper-65	0.0200	0.35	0.500	ug/L	
SJF0378-IBL2	Zinc-66	0.175	2.92	6.00	ug/L	
SJF0378-IBL2	Zinc-67	0.194	0.94	6.00	ug/L	
SJF0378-IBL3	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJF0378-IBL3	Cadmium-114	0.00600	0.04	0.100	ug/L	
SJF0378-IBL3	Copper-63	0.0150	0.173	0.500	ug/L	
SJF0378-IBL3	Copper-65	0.0200	0.35	0.500	ug/L	
SJF0378-IBL3	Zinc-66	0.185	2.92	6.00	ug/L	
SJF0378-IBL3	Zinc-67	0.151	0.94	6.00	ug/L	
SJF0378-CCB2	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJF0378-CCB2	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0378-CCB2	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0378-CCB2	Copper-65	0.00600	0.35	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Date Analyzed: 06/25/21 15:26

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0378-CCB2	Zinc-66	0.0100	2.92	6.00	ug/L	
SJF0378-CCB2	Zinc-67	-0.0150	0.94	6.00	ug/L	
SJF0378-IBL4	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJF0378-IBL4	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0378-IBL4	Copper-63	-0.00500	0.173	0.500	ug/L	
SJF0378-IBL4	Copper-65	0.00100	0.35	0.500	ug/L	
SJF0378-IBL4	Zinc-66	0.0140	2.92	6.00	ug/L	
SJF0378-IBL4	Zinc-67	0.0260	0.94	6.00	ug/L	
SJF0378-CCB3	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJF0378-CCB3	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0378-CCB3	Copper-63	0.00	0.173	0.500	ug/L	
SJF0378-CCB3	Copper-65	0.00600	0.35	0.500	ug/L	
SJF0378-CCB3	Zinc-66	0.0230	2.92	6.00	ug/L	
SJF0378-CCB3	Zinc-67	0.0600	0.94	6.00	ug/L	
SJF0378-IBL5	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0378-IBL5	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0378-IBL5	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0378-IBL5	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0378-IBL5	Zinc-66	0.0240	2.92	6.00	ug/L	
SJF0378-IBL5	Zinc-67	0.0070	0.94	6.00	ug/L	
SJF0378-CCB4	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0378-CCB4	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0378-CCB4	Copper-63	-0.00100	0.173	0.500	ug/L	
SJF0378-CCB4	Copper-65	0.0100	0.35	0.500	ug/L	
SJF0378-CCB4	Zinc-66	0.0190	2.92	6.00	ug/L	
SJF0378-CCB4	Zinc-67	-0.0140	0.94	6.00	ug/L	
SJF0378-IBL6	Cadmium-111	-0.00500	0.03	0.100	ug/L	
SJF0378-IBL6	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0378-IBL6	Copper-63	-0.00100	0.173	0.500	ug/L	
SJF0378-IBL6	Copper-65	0.00400	0.35	0.500	ug/L	
SJF0378-IBL6	Zinc-66	0.0210	2.92	6.00	ug/L	
SJF0378-IBL6	Zinc-67	0.0140	0.94	6.00	ug/L	
SJF0378-CCB5	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJF0378-CCB5	Cadmium-114	0.00	0.04	0.100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0378

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00076
Date Analyzed: 06/25/21 19:17

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0378-CCB5	Copper-63	0.00300	0.173	0.500	ug/L	
SJF0378-CCB5	Copper-65	0.00900	0.35	0.500	ug/L	
SJF0378-CCB5	Zinc-66	0.0210	2.92	6.00	ug/L	
SJF0378-CCB5	Zinc-67	0.0040	0.94	6.00	ug/L	
SJF0378-IBL7	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJF0378-IBL7	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0378-IBL7	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0378-IBL7	Copper-65	0.00100	0.35	0.500	ug/L	
SJF0378-IBL7	Zinc-66	0.0470	2.92	6.00	ug/L	
SJF0378-IBL7	Zinc-67	0.0080	0.94	6.00	ug/L	
SJF0378-CCB6	Cadmium-111	-0.00500	0.03	0.100	ug/L	
SJF0378-CCB6	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0378-CCB6	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0378-CCB6	Copper-65	0.00800	0.35	0.500	ug/L	
SJF0378-CCB6	Zinc-66	0.0230	2.92	6.00	ug/L	
SJF0378-CCB6	Zinc-67	0.0320	0.94	6.00	ug/L	
SJF0378-IBL8	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJF0378-IBL8	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0378-IBL8	Copper-63	-0.00500	0.173	0.500	ug/L	
SJF0378-IBL8	Copper-65	0.00300	0.35	0.500	ug/L	
SJF0378-IBL8	Zinc-66	0.0180	2.92	6.00	ug/L	
SJF0378-IBL8	Zinc-67	0.0060	0.94	6.00	ug/L	
SJF0378-CCB7	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0378-CCB7	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0378-CCB7	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0378-CCB7	Copper-65	0.00500	0.35	0.500	ug/L	
SJF0378-CCB7	Zinc-66	0.0180	2.92	6.00	ug/L	
SJF0378-CCB7	Zinc-67	0.0330	0.94	6.00	ug/L	
SJF0378-IBL9	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0378-IBL9	Cadmium-114	0.00400	0.04	0.100	ug/L	
SJF0378-IBL9	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0378-IBL9	Copper-65	0.0100	0.35	0.500	ug/L	
SJF0378-IBL9	Zinc-66	0.0500	2.92	6.00	ug/L	
SJF0378-IBL9	Zinc-67	0.0370	0.94	6.00	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Date Analyzed: 06/25/21 22:21

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0378-CCB8	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJF0378-CCB8	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0378-CCB8	Copper-63	0.00	0.173	0.500	ug/L	
SJF0378-CCB8	Copper-65	0.00800	0.35	0.500	ug/L	
SJF0378-CCB8	Zinc-66	0.0400	2.92	6.00	ug/L	
SJF0378-CCB8	Zinc-67	0.0330	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 14:50

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBL1	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0401-IBL1	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0401-IBL1	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0401-IBL1	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0401-IBL1	Copper-63 (dissolved)	0.00300	0.173	0.500	ug/L	
SJF0401-IBL1	Copper-63	0.00300	0.173	0.500	ug/L	
SJF0401-IBL1	Copper-65 (dissolved)	0.00700	0.35	0.500	ug/L	
SJF0401-IBL1	Copper-65	0.00700	0.35	0.500	ug/L	
SJF0401-IBL1	Zinc-66	0.0070	2.92	6.00	ug/L	
SJF0401-IBL1	Zinc-66 (dissolved)	0.0070	2.92	6.00	ug/L	
SJF0401-IBL1	Zinc-67	-0.0270	0.94	6.00	ug/L	
SJF0401-IBL1	Zinc-67 (dissolved)	-0.0270	0.94	6.00	ug/L	
SJF0401-ICB1	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJF0401-ICB1	Cadmium-111	0.00100	0.03	0.100	ug/L	
SJF0401-ICB1	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0401-ICB1	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0401-ICB1	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0401-ICB1	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0401-ICB1	Copper-65	0.00	0.35	0.500	ug/L	
SJF0401-ICB1	Copper-65 (dissolved)	0.00	0.35	0.500	ug/L	
SJF0401-ICB1	Zinc-66	0.0090	2.92	6.00	ug/L	
SJF0401-ICB1	Zinc-66 (dissolved)	0.0090	2.92	6.00	ug/L	
SJF0401-ICB1	Zinc-67	-0.0180	0.94	6.00	ug/L	
SJF0401-ICB1	Zinc-67 (dissolved)	-0.0180	0.94	6.00	ug/L	
SJF0401-CCB1	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJF0401-CCB1	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJF0401-CCB1	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0401-CCB1	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0401-CCB1	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0401-CCB1	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0401-CCB1	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0401-CCB1	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0401-CCB1	Zinc-66 (dissolved)	0.0040	2.92	6.00	ug/L	
SJF0401-CCB1	Zinc-66	0.0040	2.92	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/28/21 15:16

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB1	Zinc-67	-0.0170	0.94	6.00	ug/L	
SJF0401-CCB1	Zinc-67 (dissolved)	-0.0170	0.94	6.00	ug/L	
SJF0401-IBL2	Cadmium-111	0.00400	0.03	0.100	ug/L	
SJF0401-IBL2	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJF0401-IBL2	Cadmium-114	0.00900	0.04	0.100	ug/L	
SJF0401-IBL2	Cadmium-114 (dissolved)	0.00900	0.04	0.100	ug/L	
SJF0401-IBL2	Copper-63 (dissolved)	0.0360	0.173	0.500	ug/L	
SJF0401-IBL2	Copper-63	0.0360	0.173	0.500	ug/L	
SJF0401-IBL2	Copper-65 (dissolved)	0.0310	0.35	0.500	ug/L	
SJF0401-IBL2	Copper-65	0.0310	0.35	0.500	ug/L	
SJF0401-IBL2	Zinc-66 (dissolved)	0.722	2.92	6.00	ug/L	
SJF0401-IBL2	Zinc-66	0.722	2.92	6.00	ug/L	
SJF0401-IBL2	Zinc-67	0.678	0.94	6.00	ug/L	
SJF0401-IBL2	Zinc-67 (dissolved)	0.678	0.94	6.00	ug/L	
SJF0401-IBL3	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0401-IBL3	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0401-IBL3	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0401-IBL3	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0401-IBL3	Copper-63	0.0360	0.173	0.500	ug/L	
SJF0401-IBL3	Copper-63 (dissolved)	0.0360	0.173	0.500	ug/L	
SJF0401-IBL3	Copper-65	0.0300	0.35	0.500	ug/L	
SJF0401-IBL3	Copper-65 (dissolved)	0.0300	0.35	0.500	ug/L	
SJF0401-IBL3	Zinc-66 (dissolved)	0.637	2.92	6.00	ug/L	
SJF0401-IBL3	Zinc-66	0.637	2.92	6.00	ug/L	
SJF0401-IBL3	Zinc-67 (dissolved)	0.638	0.94	6.00	ug/L	
SJF0401-IBL3	Zinc-67	0.638	0.94	6.00	ug/L	
SJF0401-IBL4	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0401-IBL4	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0401-IBL4	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0401-IBL4	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0401-IBL4	Copper-63	0.00800	0.173	0.500	ug/L	
SJF0401-IBL4	Copper-63 (dissolved)	0.00800	0.173	0.500	ug/L	
SJF0401-IBL4	Copper-65 (dissolved)	0.00500	0.35	0.500	ug/L	
SJF0401-IBL4	Copper-65	0.00500	0.35	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 16:10

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBL4	Zinc-66	0.782	2.92	6.00	ug/L	
SJF0401-IBL4	Zinc-66 (dissolved)	0.782	2.92	6.00	ug/L	
SJF0401-IBL4	Zinc-67	0.691	0.94	6.00	ug/L	
SJF0401-IBL4	Zinc-67 (dissolved)	0.691	0.94	6.00	ug/L	
SJF0401-CCB2	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0401-CCB2	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0401-CCB2	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0401-CCB2	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0401-CCB2	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0401-CCB2	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	
SJF0401-CCB2	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0401-CCB2	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0401-CCB2	Zinc-66	0.0030	2.92	6.00	ug/L	
SJF0401-CCB2	Zinc-66 (dissolved)	0.0030	2.92	6.00	ug/L	
SJF0401-CCB2	Zinc-67	-0.0440	0.94	6.00	ug/L	
SJF0401-CCB2	Zinc-67 (dissolved)	-0.0440	0.94	6.00	ug/L	
SJF0401-IBL5	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJF0401-IBL5	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJF0401-IBL5	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0401-IBL5	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0401-IBL5	Copper-63	0.00500	0.173	0.500	ug/L	
SJF0401-IBL5	Copper-63 (dissolved)	0.00500	0.173	0.500	ug/L	
SJF0401-IBL5	Copper-65	0.00700	0.35	0.500	ug/L	
SJF0401-IBL5	Copper-65 (dissolved)	0.00700	0.35	0.500	ug/L	
SJF0401-IBL5	Zinc-66 (dissolved)	0.224	2.92	6.00	ug/L	
SJF0401-IBL5	Zinc-66	0.224	2.92	6.00	ug/L	
SJF0401-IBL5	Zinc-67	0.178	0.94	6.00	ug/L	
SJF0401-IBL5	Zinc-67 (dissolved)	0.178	0.94	6.00	ug/L	
SJF0401-CCB3	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0401-CCB3	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0401-CCB3	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0401-CCB3	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0401-CCB3	Copper-63	0.00100	0.173	0.500	ug/L	
SJF0401-CCB3	Copper-63 (dissolved)	0.00100	0.173	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 17:46

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB3	Copper-65	0.00400	0.35	0.500	ug/L	
SJF0401-CCB3	Copper-65 (dissolved)	0.00400	0.35	0.500	ug/L	
SJF0401-CCB3	Zinc-66 (dissolved)	0.0050	2.92	6.00	ug/L	
SJF0401-CCB3	Zinc-66	0.0050	2.92	6.00	ug/L	
SJF0401-CCB3	Zinc-67	-0.0380	0.94	6.00	ug/L	
SJF0401-CCB3	Zinc-67 (dissolved)	-0.0380	0.94	6.00	ug/L	
SJF0401-IBL6	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0401-IBL6	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0401-IBL6	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0401-IBL6	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0401-IBL6	Copper-63	0.00700	0.173	0.500	ug/L	
SJF0401-IBL6	Copper-63 (dissolved)	0.00700	0.173	0.500	ug/L	
SJF0401-IBL6	Copper-65 (dissolved)	0.00600	0.35	0.500	ug/L	
SJF0401-IBL6	Copper-65	0.00600	0.35	0.500	ug/L	
SJF0401-IBL6	Zinc-66	0.257	2.92	6.00	ug/L	
SJF0401-IBL6	Zinc-66 (dissolved)	0.257	2.92	6.00	ug/L	
SJF0401-IBL6	Zinc-67 (dissolved)	0.136	0.94	6.00	ug/L	
SJF0401-IBL6	Zinc-67	0.136	0.94	6.00	ug/L	
SJF0401-CCB4	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0401-CCB4	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0401-CCB4	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0401-CCB4	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0401-CCB4	Copper-63 (dissolved)	0.00300	0.173	0.500	ug/L	
SJF0401-CCB4	Copper-63	0.00300	0.173	0.500	ug/L	
SJF0401-CCB4	Copper-65	0.00300	0.35	0.500	ug/L	
SJF0401-CCB4	Copper-65 (dissolved)	0.00300	0.35	0.500	ug/L	
SJF0401-CCB4	Zinc-66	-0.0040	2.92	6.00	ug/L	
SJF0401-CCB4	Zinc-66 (dissolved)	-0.0040	2.92	6.00	ug/L	
SJF0401-CCB4	Zinc-67 (dissolved)	-0.0250	0.94	6.00	ug/L	
SJF0401-CCB4	Zinc-67	-0.0250	0.94	6.00	ug/L	
SJF0401-CCB5	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0401-CCB5	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0401-CCB5	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0401-CCB5	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 19:10

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB5	Copper-63	0.0330	0.173	0.500	ug/L	
SJF0401-CCB5	Copper-63 (dissolved)	0.0330	0.173	0.500	ug/L	
SJF0401-CCB5	Copper-65 (dissolved)	0.0350	0.35	0.500	ug/L	
SJF0401-CCB5	Copper-65	0.0350	0.35	0.500	ug/L	
SJF0401-CCB5	Zinc-66 (dissolved)	0.381	2.92	6.00	ug/L	
SJF0401-CCB5	Zinc-66	0.381	2.92	6.00	ug/L	
SJF0401-CCB5	Zinc-67 (dissolved)	0.368	0.94	6.00	ug/L	
SJF0401-CCB5	Zinc-67	0.368	0.94	6.00	ug/L	
SJF0401-IBL7	Cadmium-111	0.00500	0.03	0.100	ug/L	
SJF0401-IBL7	Cadmium-111 (dissolved)	0.00500	0.03	0.100	ug/L	
SJF0401-IBL7	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0401-IBL7	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0401-IBL7	Copper-63	0.0450	0.173	0.500	ug/L	
SJF0401-IBL7	Copper-63 (dissolved)	0.0450	0.173	0.500	ug/L	
SJF0401-IBL7	Copper-65	0.0470	0.35	0.500	ug/L	
SJF0401-IBL7	Copper-65 (dissolved)	0.0470	0.35	0.500	ug/L	
SJF0401-IBL7	Zinc-66	0.414	2.92	6.00	ug/L	
SJF0401-IBL7	Zinc-66 (dissolved)	0.414	2.92	6.00	ug/L	
SJF0401-IBL7	Zinc-67	0.394	0.94	6.00	ug/L	
SJF0401-IBL7	Zinc-67 (dissolved)	0.394	0.94	6.00	ug/L	
SJF0401-CCB6	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0401-CCB6	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0401-CCB6	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0401-CCB6	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0401-CCB6	Copper-63 (dissolved)	0.0300	0.173	0.500	ug/L	
SJF0401-CCB6	Copper-63	0.0300	0.173	0.500	ug/L	
SJF0401-CCB6	Copper-65 (dissolved)	0.0280	0.35	0.500	ug/L	
SJF0401-CCB6	Copper-65	0.0280	0.35	0.500	ug/L	
SJF0401-CCB6	Zinc-66 (dissolved)	0.354	2.92	6.00	ug/L	
SJF0401-CCB6	Zinc-66	0.354	2.92	6.00	ug/L	
SJF0401-CCB6	Zinc-67	0.333	0.94	6.00	ug/L	
SJF0401-CCB6	Zinc-67 (dissolved)	0.333	0.94	6.00	ug/L	
SJF0401-IBL8	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJF0401-IBL8	Cadmium-111	0.00300	0.03	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 21:16

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBL8	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0401-IBL8	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0401-IBL8	Copper-63	0.0400	0.173	0.500	ug/L	
SJF0401-IBL8	Copper-63 (dissolved)	0.0400	0.173	0.500	ug/L	
SJF0401-IBL8	Copper-65 (dissolved)	0.0430	0.35	0.500	ug/L	
SJF0401-IBL8	Copper-65	0.0430	0.35	0.500	ug/L	
SJF0401-IBL8	Zinc-66	0.435	2.92	6.00	ug/L	
SJF0401-IBL8	Zinc-66 (dissolved)	0.435	2.92	6.00	ug/L	
SJF0401-IBL8	Zinc-67	0.536	0.94	6.00	ug/L	
SJF0401-IBL8	Zinc-67 (dissolved)	0.536	0.94	6.00	ug/L	
SJF0401-CCB7	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJF0401-CCB7	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJF0401-CCB7	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0401-CCB7	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0401-CCB7	Copper-63	0.0290	0.173	0.500	ug/L	
SJF0401-CCB7	Copper-63 (dissolved)	0.0290	0.173	0.500	ug/L	
SJF0401-CCB7	Copper-65	0.0250	0.35	0.500	ug/L	
SJF0401-CCB7	Copper-65 (dissolved)	0.0250	0.35	0.500	ug/L	
SJF0401-CCB7	Zinc-66	0.370	2.92	6.00	ug/L	
SJF0401-CCB7	Zinc-66 (dissolved)	0.370	2.92	6.00	ug/L	
SJF0401-CCB7	Zinc-67	0.519	0.94	6.00	ug/L	
SJF0401-CCB7	Zinc-67 (dissolved)	0.519	0.94	6.00	ug/L	
SJF0401-IBL9	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJF0401-IBL9	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJF0401-IBL9	Cadmium-114	0.00400	0.04	0.100	ug/L	
SJF0401-IBL9	Cadmium-114 (dissolved)	0.00400	0.04	0.100	ug/L	
SJF0401-IBL9	Copper-63 (dissolved)	0.0450	0.173	0.500	ug/L	
SJF0401-IBL9	Copper-63	0.0450	0.173	0.500	ug/L	
SJF0401-IBL9	Copper-65	0.0370	0.35	0.500	ug/L	
SJF0401-IBL9	Copper-65 (dissolved)	0.0370	0.35	0.500	ug/L	
SJF0401-IBL9	Zinc-66	0.397	2.92	6.00	ug/L	
SJF0401-IBL9	Zinc-66 (dissolved)	0.397	2.92	6.00	ug/L	
SJF0401-IBL9	Zinc-67 (dissolved)	0.537	0.94	6.00	ug/L	
SJF0401-IBL9	Zinc-67	0.537	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/28/21 22:38

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCB8	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0401-CCB8	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0401-CCB8	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0401-CCB8	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0401-CCB8	Copper-63 (dissolved)	0.0270	0.173	0.500	ug/L	
SJF0401-CCB8	Copper-63	0.0270	0.173	0.500	ug/L	
SJF0401-CCB8	Copper-65	0.0320	0.35	0.500	ug/L	
SJF0401-CCB8	Copper-65 (dissolved)	0.0320	0.35	0.500	ug/L	
SJF0401-CCB8	Zinc-66 (dissolved)	0.369	2.92	6.00	ug/L	
SJF0401-CCB8	Zinc-66	0.369	2.92	6.00	ug/L	
SJF0401-CCB8	Zinc-67 (dissolved)	0.401	0.94	6.00	ug/L	
SJF0401-CCB8	Zinc-67	0.401	0.94	6.00	ug/L	
SJF0401-IBLA	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0401-IBLA	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0401-IBLA	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJF0401-IBLA	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJF0401-IBLA	Copper-63	0.0460	0.173	0.500	ug/L	
SJF0401-IBLA	Copper-63 (dissolved)	0.0460	0.173	0.500	ug/L	
SJF0401-IBLA	Copper-65	0.0350	0.35	0.500	ug/L	
SJF0401-IBLA	Copper-65 (dissolved)	0.0350	0.35	0.500	ug/L	
SJF0401-IBLA	Zinc-66	0.463	2.92	6.00	ug/L	
SJF0401-IBLA	Zinc-66 (dissolved)	0.463	2.92	6.00	ug/L	
SJF0401-IBLA	Zinc-67	0.471	0.94	6.00	ug/L	
SJF0401-IBLA	Zinc-67 (dissolved)	0.471	0.94	6.00	ug/L	
SJF0401-IBLB	Cadmium-111 (dissolved)	-0.00100	0.03	0.100	ug/L	
SJF0401-IBLB	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJF0401-IBLB	Cadmium-114	0.00	0.04	0.100	ug/L	
SJF0401-IBLB	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJF0401-IBLB	Copper-63	0.0410	0.173	0.500	ug/L	
SJF0401-IBLB	Copper-63 (dissolved)	0.0410	0.173	0.500	ug/L	
SJF0401-IBLB	Copper-65	0.0430	0.35	0.500	ug/L	
SJF0401-IBLB	Copper-65 (dissolved)	0.0430	0.35	0.500	ug/L	
SJF0401-IBLB	Zinc-66	0.436	2.92	6.00	ug/L	
SJF0401-IBLB	Zinc-66 (dissolved)	0.436	2.92	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJF0401

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EF00079
Date Analyzed: 06/28/21 23:35

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBLB	Zinc-67 (dissolved)	0.442	0.94	6.00	ug/L	
SJF0401-IBLB	Zinc-67	0.442	0.94	6.00	ug/L	
SJF0401-CCB9	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJF0401-CCB9	Cadmium-111	0.00400	0.03	0.100	ug/L	
SJF0401-CCB9	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0401-CCB9	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0401-CCB9	Copper-63	0.0290	0.173	0.500	ug/L	
SJF0401-CCB9	Copper-63 (dissolved)	0.0290	0.173	0.500	ug/L	
SJF0401-CCB9	Copper-65 (dissolved)	0.0220	0.35	0.500	ug/L	
SJF0401-CCB9	Copper-65	0.0220	0.35	0.500	ug/L	
SJF0401-CCB9	Zinc-66	0.336	2.92	6.00	ug/L	
SJF0401-CCB9	Zinc-66 (dissolved)	0.336	2.92	6.00	ug/L	
SJF0401-CCB9	Zinc-67	0.259	0.94	6.00	ug/L	
SJF0401-CCB9	Zinc-67 (dissolved)	0.259	0.94	6.00	ug/L	
SJF0401-IBLC	Cadmium-111	0.00500	0.03	0.100	ug/L	
SJF0401-IBLC	Cadmium-111 (dissolved)	0.00500	0.03	0.100	ug/L	
SJF0401-IBLC	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0401-IBLC	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0401-IBLC	Copper-63 (dissolved)	0.0420	0.173	0.500	ug/L	
SJF0401-IBLC	Copper-63	0.0420	0.173	0.500	ug/L	
SJF0401-IBLC	Copper-65 (dissolved)	0.0420	0.35	0.500	ug/L	
SJF0401-IBLC	Copper-65	0.0420	0.35	0.500	ug/L	
SJF0401-IBLC	Zinc-66 (dissolved)	0.446	2.92	6.00	ug/L	
SJF0401-IBLC	Zinc-66	0.446	2.92	6.00	ug/L	
SJF0401-IBLC	Zinc-67	0.543	0.94	6.00	ug/L	
SJF0401-IBLC	Zinc-67 (dissolved)	0.543	0.94	6.00	ug/L	
SJF0401-CCBA	Cadmium-111	0.00900	0.03	0.100	ug/L	
SJF0401-CCBA	Cadmium-111 (dissolved)	0.00900	0.03	0.100	ug/L	
SJF0401-CCBA	Cadmium-114	0.00700	0.04	0.100	ug/L	
SJF0401-CCBA	Cadmium-114 (dissolved)	0.00700	0.04	0.100	ug/L	
SJF0401-CCBA	Copper-63	0.0270	0.173	0.500	ug/L	
SJF0401-CCBA	Copper-63 (dissolved)	0.0270	0.173	0.500	ug/L	
SJF0401-CCBA	Copper-65	0.0250	0.35	0.500	ug/L	
SJF0401-CCBA	Copper-65 (dissolved)	0.0250	0.35	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/29/21 00:55

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCBA	Zinc-66	0.392	2.92	6.00	ug/L	
SJF0401-CCBA	Zinc-66 (dissolved)	0.392	2.92	6.00	ug/L	
SJF0401-CCBA	Zinc-67	0.468	0.94	6.00	ug/L	
SJF0401-CCBA	Zinc-67 (dissolved)	0.468	0.94	6.00	ug/L	
SJF0401-CCBB	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJF0401-CCBB	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJF0401-CCBB	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJF0401-CCBB	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJF0401-CCBB	Copper-63 (dissolved)	0.00600	0.173	0.500	ug/L	
SJF0401-CCBB	Copper-63	0.00600	0.173	0.500	ug/L	
SJF0401-CCBB	Copper-65	0.00200	0.35	0.500	ug/L	
SJF0401-CCBB	Copper-65 (dissolved)	0.00200	0.35	0.500	ug/L	
SJF0401-CCBB	Zinc-66	0.0440	2.92	6.00	ug/L	
SJF0401-CCBB	Zinc-66 (dissolved)	0.0440	2.92	6.00	ug/L	
SJF0401-CCBB	Zinc-67	-0.0880	0.94	6.00	ug/L	
SJF0401-CCBB	Zinc-67 (dissolved)	-0.0880	0.94	6.00	ug/L	
SJF0401-CCBC	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJF0401-CCBC	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJF0401-CCBC	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0401-CCBC	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0401-CCBC	Copper-63 (dissolved)	0.00400	0.173	0.500	ug/L	
SJF0401-CCBC	Copper-63	0.00400	0.173	0.500	ug/L	
SJF0401-CCBC	Copper-65	0.00400	0.35	0.500	ug/L	
SJF0401-CCBC	Copper-65 (dissolved)	0.00400	0.35	0.500	ug/L	
SJF0401-CCBC	Zinc-66	-0.0230	2.92	6.00	ug/L	
SJF0401-CCBC	Zinc-66 (dissolved)	-0.0230	2.92	6.00	ug/L	
SJF0401-CCBC	Zinc-67 (dissolved)	0.0400	0.94	6.00	ug/L	
SJF0401-CCBC	Zinc-67	0.0400	0.94	6.00	ug/L	
SJF0401-IBLE	Cadmium-111	-0.00500	0.03	0.100	ug/L	
SJF0401-IBLE	Cadmium-111 (dissolved)	-0.00500	0.03	0.100	ug/L	
SJF0401-IBLE	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0401-IBLE	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0401-IBLE	Copper-63 (dissolved)	0.0400	0.173	0.500	ug/L	
SJF0401-IBLE	Copper-63	0.0400	0.173	0.500	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/29/21 12:41

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBLE	Copper-65	0.0430	0.35	0.500	ug/L	
SJF0401-IBLE	Copper-65 (dissolved)	0.0430	0.35	0.500	ug/L	
SJF0401-IBLE	Zinc-66 (dissolved)	0.128	2.92	6.00	ug/L	
SJF0401-IBLE	Zinc-66	0.128	2.92	6.00	ug/L	
SJF0401-IBLE	Zinc-67 (dissolved)	0.158	0.94	6.00	ug/L	
SJF0401-IBLE	Zinc-67	0.158	0.94	6.00	ug/L	
SJF0401-CCBD	Cadmium-111	0.00	0.03	0.100	ug/L	
SJF0401-CCBD	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJF0401-CCBD	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	
SJF0401-CCBD	Cadmium-114	-0.00300	0.04	0.100	ug/L	
SJF0401-CCBD	Copper-63	0.0110	0.173	0.500	ug/L	
SJF0401-CCBD	Copper-63 (dissolved)	0.0110	0.173	0.500	ug/L	
SJF0401-CCBD	Copper-65	0.00400	0.35	0.500	ug/L	
SJF0401-CCBD	Copper-65 (dissolved)	0.00400	0.35	0.500	ug/L	
SJF0401-CCBD	Zinc-66 (dissolved)	0.0620	2.92	6.00	ug/L	
SJF0401-CCBD	Zinc-66	0.0620	2.92	6.00	ug/L	
SJF0401-CCBD	Zinc-67 (dissolved)	0.0360	0.94	6.00	ug/L	
SJF0401-CCBD	Zinc-67	0.0360	0.94	6.00	ug/L	
SJF0401-IBLF	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0401-IBLF	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0401-IBLF	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJF0401-IBLF	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJF0401-IBLF	Copper-63	-0.0160	0.173	0.500	ug/L	
SJF0401-IBLF	Copper-63 (dissolved)	-0.0160	0.173	0.500	ug/L	
SJF0401-IBLF	Copper-65 (dissolved)	-0.0170	0.35	0.500	ug/L	
SJF0401-IBLF	Copper-65	-0.0170	0.35	0.500	ug/L	
SJF0401-IBLF	Zinc-66 (dissolved)	-0.347	2.92	6.00	ug/L	
SJF0401-IBLF	Zinc-66	-0.347	2.92	6.00	ug/L	
SJF0401-IBLF	Zinc-67	-0.326	0.94	6.00	ug/L	
SJF0401-IBLF	Zinc-67 (dissolved)	-0.326	0.94	6.00	ug/L	
SJF0401-IBLG	Cadmium-111 (dissolved)	-0.00600	0.03	0.100	ug/L	
SJF0401-IBLG	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJF0401-IBLG	Cadmium-114	-0.00300	0.04	0.100	ug/L	
SJF0401-IBLG	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/29/21 13:38

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-IBLG	Copper-63	-0.0180	0.173	0.500	ug/L	
SJF0401-IBLG	Copper-63 (dissolved)	-0.0180	0.173	0.500	ug/L	
SJF0401-IBLG	Copper-65	-0.0130	0.35	0.500	ug/L	
SJF0401-IBLG	Copper-65 (dissolved)	-0.0130	0.35	0.500	ug/L	
SJF0401-IBLG	Zinc-66	-0.345	2.92	6.00	ug/L	
SJF0401-IBLG	Zinc-66 (dissolved)	-0.345	2.92	6.00	ug/L	
SJF0401-IBLG	Zinc-67 (dissolved)	-0.316	0.94	6.00	ug/L	
SJF0401-IBLG	Zinc-67	-0.316	0.94	6.00	ug/L	
SJF0401-CCBE	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJF0401-CCBE	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJF0401-CCBE	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0401-CCBE	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0401-CCBE	Copper-63 (dissolved)	0.00	0.173	0.500	ug/L	
SJF0401-CCBE	Copper-63	0.00	0.173	0.500	ug/L	
SJF0401-CCBE	Copper-65	0.00800	0.35	0.500	ug/L	
SJF0401-CCBE	Copper-65 (dissolved)	0.00800	0.35	0.500	ug/L	
SJF0401-CCBE	Zinc-66	0.0490	2.92	6.00	ug/L	
SJF0401-CCBE	Zinc-66 (dissolved)	0.0490	2.92	6.00	ug/L	
SJF0401-CCBE	Zinc-67 (dissolved)	0.0500	0.94	6.00	ug/L	
SJF0401-CCBE	Zinc-67	0.0500	0.94	6.00	ug/L	
SJF0401-IBLH	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJF0401-IBLH	Cadmium-111	0.00400	0.03	0.100	ug/L	
SJF0401-IBLH	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJF0401-IBLH	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJF0401-IBLH	Copper-63	-0.0130	0.173	0.500	ug/L	
SJF0401-IBLH	Copper-63 (dissolved)	-0.0130	0.173	0.500	ug/L	
SJF0401-IBLH	Copper-65 (dissolved)	-0.0120	0.35	0.500	ug/L	
SJF0401-IBLH	Copper-65	-0.0120	0.35	0.500	ug/L	
SJF0401-IBLH	Zinc-66 (dissolved)	-0.301	2.92	6.00	ug/L	
SJF0401-IBLH	Zinc-66	-0.301	2.92	6.00	ug/L	
SJF0401-IBLH	Zinc-67 (dissolved)	-0.322	0.94	6.00	ug/L	
SJF0401-IBLH	Zinc-67	-0.322	0.94	6.00	ug/L	
SJF0401-CCBF	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJF0401-CCBF	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Date Analyzed: 06/29/21 14:38

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0401-CCBF	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJF0401-CCBF	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	
SJF0401-CCBF	Copper-63	0.00200	0.173	0.500	ug/L	
SJF0401-CCBF	Copper-63 (dissolved)	0.00200	0.173	0.500	ug/L	
SJF0401-CCBF	Copper-65	0.00600	0.35	0.500	ug/L	
SJF0401-CCBF	Copper-65 (dissolved)	0.00600	0.35	0.500	ug/L	
SJF0401-CCBF	Zinc-66 (dissolved)	0.0120	2.92	6.00	ug/L	
SJF0401-CCBF	Zinc-66	0.0120	2.92	6.00	ug/L	
SJF0401-CCBF	Zinc-67	0.124	0.94	6.00	ug/L	
SJF0401-CCBF	Zinc-67 (dissolved)	0.124	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJG0042

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EG00011
Date Analyzed: 07/01/21 14:45

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0042-IBL1	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJG0042-IBL1	Cadmium-114 (dissolved)	-0.00300	0.04	0.100	ug/L	
SJG0042-ICB1	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJG0042-ICB1	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJG0042-CCB1	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJG0042-CCB1	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJG0042-IBL2	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJG0042-IBL2	Cadmium-114 (dissolved)	0.00600	0.04	0.100	ug/L	
SJG0042-CCB2	Cadmium-111 (dissolved)	0.0660	0.03	0.100	ug/L	
SJG0042-CCB2	Cadmium-114 (dissolved)	0.0580	0.04	0.100	ug/L	
SJG0042-IBL3	Cadmium-111 (dissolved)	0.0260	0.03	0.100	ug/L	
SJG0042-IBL3	Cadmium-114 (dissolved)	0.0150	0.04	0.100	ug/L	
SJG0042-CCB3	Cadmium-111 (dissolved)	0.00500	0.03	0.100	ug/L	
SJG0042-CCB3	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJG0042-CCB4	Cadmium-111 (dissolved)	0.00300	0.03	0.100	ug/L	
SJG0042-CCB4	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJG0042-IBL4	Cadmium-111 (dissolved)	-0.00200	0.03	0.100	ug/L	
SJG0042-IBL4	Cadmium-114 (dissolved)	-0.00200	0.04	0.100	ug/L	
SJG0042-CCB5	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJG0042-CCB5	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJG0042-CCB6	Cadmium-111 (dissolved)	0.00200	0.03	0.100	ug/L	
SJG0042-CCB6	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJG0042-CCB7	Cadmium-111 (dissolved)	-0.00300	0.03	0.100	ug/L	
SJG0042-CCB7	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJG0042-IBL5	Cadmium-111 (dissolved)	0.00	0.03	0.100	ug/L	
SJG0042-IBL5	Cadmium-114 (dissolved)	0.00	0.04	0.100	ug/L	
SJG0042-CCB8	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJG0042-CCB8	Cadmium-114 (dissolved)	0.00600	0.04	0.100	ug/L	
SJG0042-IBL6	Cadmium-111 (dissolved)	0.0220	0.03	0.100	ug/L	
SJG0042-IBL6	Cadmium-114 (dissolved)	0.0130	0.04	0.100	ug/L	
SJG0042-CCB9	Cadmium-111 (dissolved)	-0.00300	0.03	0.100	ug/L	
SJG0042-CCB9	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJG0042-IBL7	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJG0042-IBL7	Cadmium-114 (dissolved)	0.00600	0.04	0.100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00011
Sequence: SJG0042
Date Analyzed: 07/01/21 22:35

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0042-CCBA	Cadmium-111 (dissolved)	0.00400	0.03	0.100	ug/L	
SJG0042-CCBA	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJG0042-CCBB	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJG0042-CCBB	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJG0042-CCBC	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJG0042-CCBC	Cadmium-114 (dissolved)	0.00300	0.04	0.100	ug/L	
SJG0042-IBL8	Cadmium-111 (dissolved)	0.00100	0.03	0.100	ug/L	
SJG0042-IBL8	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJG0042-CCBD	Cadmium-111 (dissolved)	-0.00300	0.03	0.100	ug/L	
SJG0042-CCBD	Cadmium-114 (dissolved)	0.00200	0.04	0.100	ug/L	
SJG0042-IBL9	Cadmium-111 (dissolved)	-0.00400	0.03	0.100	ug/L	
SJG0042-IBL9	Cadmium-114 (dissolved)	-0.00100	0.04	0.100	ug/L	
SJG0042-CCBE	Cadmium-111 (dissolved)	-0.00600	0.03	0.100	ug/L	
SJG0042-CCBE	Cadmium-114 (dissolved)	0.00100	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: ICPMS1
Sequence: SJG0173

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EG00039
Date Analyzed: 07/12/21 18:32

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0173-IBL1	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJG0173-IBL1	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJG0173-ICB1	Cadmium-111	0.0340	0.03	0.100	ug/L	
SJG0173-ICB1	Cadmium-114	0.0150	0.04	0.100	ug/L	
SJG0173-CCB1	Cadmium-111	0.0160	0.03	0.100	ug/L	
SJG0173-CCB1	Cadmium-114	0.00400	0.04	0.100	ug/L	
SJG0173-IBL2	Cadmium-111	0.00800	0.03	0.100	ug/L	
SJG0173-IBL2	Cadmium-114	0.00600	0.04	0.100	ug/L	
SJG0173-IBL3	Cadmium-111	0.00500	0.03	0.100	ug/L	
SJG0173-IBL3	Cadmium-114	0.00500	0.04	0.100	ug/L	
SJG0173-CCB2	Cadmium-111	0.0110	0.03	0.100	ug/L	
SJG0173-CCB2	Cadmium-114	0.00900	0.04	0.100	ug/L	
SJG0173-CCB3	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0173-CCB3	Cadmium-114	0.00	0.04	0.100	ug/L	
SJG0173-CCB4	Cadmium-111	0.00100	0.03	0.100	ug/L	
SJG0173-CCB4	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJG0173-IBL4	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0173-IBL4	Cadmium-114	-0.00400	0.04	0.100	ug/L	
SJG0173-CCB5	Cadmium-111	0.0100	0.03	0.100	ug/L	
SJG0173-CCB5	Cadmium-114	-0.00400	0.04	0.100	ug/L	
SJG0173-IBL5	Cadmium-111	0.0100	0.03	0.100	ug/L	
SJG0173-IBL5	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJG0173-CCB6	Cadmium-111	0.00100	0.03	0.100	ug/L	
SJG0173-CCB6	Cadmium-114	-0.00400	0.04	0.100	ug/L	
SJG0173-CCB7	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJG0173-CCB7	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJG0173-IBL6	Cadmium-111	-0.00800	0.03	0.100	ug/L	
SJG0173-IBL6	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJG0173-IBL7	Cadmium-111	-0.00700	0.03	0.100	ug/L	
SJG0173-IBL7	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJG0173-CCB8	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJG0173-CCB8	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJG0173-CCB9	Cadmium-111	-0.00500	0.03	0.100	ug/L	
SJG0173-CCB9	Cadmium-114	0.00400	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00039
Sequence: SJG0173
Date Analyzed: 07/13/21 02:47

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0173-IBL8	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJG0173-IBL8	Cadmium-114	0.00700	0.04	0.100	ug/L	
SJG0173-CCBA	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJG0173-CCBA	Cadmium-114	0.00700	0.04	0.100	ug/L	
SJG0173-CCBB	Cadmium-111	-0.00500	0.03	0.100	ug/L	
SJG0173-CCBB	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJG0173-CCBC	Cadmium-111	-0.00800	0.03	0.100	ug/L	
SJG0173-CCBC	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJG0173-CCBD	Cadmium-111	-0.00700	0.03	0.100	ug/L	
SJG0173-CCBD	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJG0173-IBL9	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0173-IBL9	Cadmium-114	0.00500	0.04	0.100	ug/L	
SJG0173-CCBE	Cadmium-111	-0.00700	0.03	0.100	ug/L	
SJG0173-CCBE	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJG0173-IBLA	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJG0173-IBLA	Cadmium-114	0.00	0.04	0.100	ug/L	
SJG0173-CCBF	Cadmium-111	-0.00900	0.03	0.100	ug/L	
SJG0173-CCBF	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJG0173-IBLB	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJG0173-IBLB	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJG0173-CCBG	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJG0173-CCBG	Cadmium-114	0.00500	0.04	0.100	ug/L	
SJG0173-CCBH	Cadmium-111	0.00500	0.03	0.100	ug/L	
SJG0173-CCBH	Cadmium-114	-0.00600	0.04	0.100	ug/L	
SJG0173-IBLC	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0173-IBLC	Cadmium-114	-0.00400	0.04	0.100	ug/L	
SJG0173-CCBI	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJG0173-CCBI	Cadmium-114	-0.00300	0.04	0.100	ug/L	
SJG0173-IBLD	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJG0173-IBLD	Cadmium-114	-0.00300	0.04	0.100	ug/L	
SJG0173-CCBJ	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJG0173-CCBJ	Cadmium-114	-0.00500	0.04	0.100	ug/L	
SJG0173-IBLE	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJG0173-IBLE	Cadmium-114	-0.00100	0.04	0.100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00039
Sequence: SJG0173
Date Analyzed: 07/13/21 10:49

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0173-CCBK	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0173-CCBK	Cadmium-114	0.00100	0.04	0.100	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 14:49

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBL1	Zinc-66	-0.0290	2.92	6.00	ug/L	
SJG0200-IBL1	Zinc-67	0.0030	0.94	6.00	ug/L	
SJG0200-ICB1	Zinc-66	-0.0070	2.92	6.00	ug/L	
SJG0200-ICB1	Zinc-67	0.0130	0.94	6.00	ug/L	
SJG0200-CCB1	Zinc-66	0.0020	2.92	6.00	ug/L	
SJG0200-CCB1	Zinc-67	0.0490	0.94	6.00	ug/L	
SJG0200-IBL2	Zinc-66	0.145	2.92	6.00	ug/L	
SJG0200-IBL2	Zinc-67	0.176	0.94	6.00	ug/L	
SJG0200-IBL3	Zinc-66	0.159	2.92	6.00	ug/L	
SJG0200-IBL3	Zinc-67	0.103	0.94	6.00	ug/L	
SJG0200-CCB2	Zinc-66	0.0060	2.92	6.00	ug/L	
SJG0200-CCB2	Zinc-67	-0.0320	0.94	6.00	ug/L	
SJG0200-IBL4	Zinc-66	0.0390	2.92	6.00	ug/L	
SJG0200-IBL4	Zinc-67	0.0540	0.94	6.00	ug/L	
SJG0200-CCB3	Zinc-66	-0.0540	2.92	6.00	ug/L	
SJG0200-CCB3	Zinc-67	-0.0020	0.94	6.00	ug/L	
SJG0200-CCB4	Zinc-66	-0.0050	2.92	6.00	ug/L	
SJG0200-CCB4	Zinc-67	0.0180	0.94	6.00	ug/L	
SJG0200-IBL5	Zinc-66	0.0850	2.92	6.00	ug/L	
SJG0200-IBL5	Zinc-67	0.176	0.94	6.00	ug/L	
SJG0200-CCB5	Zinc-66	-0.0020	2.92	6.00	ug/L	
SJG0200-CCB5	Zinc-67	0.0170	0.94	6.00	ug/L	
SJG0200-IBL6	Zinc-66	0.104	2.92	6.00	ug/L	
SJG0200-IBL6	Zinc-67	0.179	0.94	6.00	ug/L	
SJG0200-CCB6	Zinc-66	0.0310	2.92	6.00	ug/L	
SJG0200-CCB6	Zinc-67	0.0300	0.94	6.00	ug/L	
SJG0200-IBL7	Zinc-66	0.136	2.92	6.00	ug/L	
SJG0200-IBL7	Zinc-67	0.198	0.94	6.00	ug/L	
SJG0200-CCB7	Zinc-66	0.0330	2.92	6.00	ug/L	
SJG0200-CCB7	Zinc-67	0.0770	0.94	6.00	ug/L	
SJG0200-IBL8	Zinc-66	-0.157	2.92	6.00	ug/L	
SJG0200-IBL8	Zinc-67	-0.119	0.94	6.00	ug/L	
SJG0200-CCB8	Zinc-66	0.0350	2.92	6.00	ug/L	
SJG0200-CCB8	Zinc-67	0.0650	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/15/21 21:17

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-IBL9	Zinc-66	0.0210	2.92	6.00	ug/L	
SJG0200-IBL9	Zinc-67	0.0640	0.94	6.00	ug/L	
SJG0200-IBLA	Zinc-66	0.0850	2.92	6.00	ug/L	
SJG0200-IBLA	Zinc-67	0.101	0.94	6.00	ug/L	
SJG0200-CCB9	Zinc-66	0.0850	2.92	6.00	ug/L	
SJG0200-CCB9	Zinc-67	0.126	0.94	6.00	ug/L	
SJG0200-CCBA	Zinc-66	0.0070	2.92	6.00	ug/L	
SJG0200-CCBA	Zinc-67	-0.0520	0.94	6.00	ug/L	
SJG0200-IBLB	Zinc-66	-0.0030	2.92	6.00	ug/L	
SJG0200-IBLB	Zinc-67	-0.117	0.94	6.00	ug/L	
SJG0200-CCBB	Zinc-66	-0.0330	2.92	6.00	ug/L	
SJG0200-CCBB	Zinc-67	-0.0790	0.94	6.00	ug/L	
SJG0200-CCBC	Zinc-66	-0.0290	2.92	6.00	ug/L	
SJG0200-CCBC	Zinc-67	-0.102	0.94	6.00	ug/L	
SJG0200-IBLC	Zinc-66	-0.0360	2.92	6.00	ug/L	
SJG0200-IBLC	Zinc-67	-0.0480	0.94	6.00	ug/L	
SJG0200-CCBD	Zinc-66	0.0070	2.92	6.00	ug/L	
SJG0200-CCBD	Zinc-67	-0.0770	0.94	6.00	ug/L	
SJG0200-CCBE	Zinc-66	-0.0570	2.92	6.00	ug/L	
SJG0200-CCBE	Zinc-67	0.0100	0.94	6.00	ug/L	
SJG0200-IBLD	Zinc-66	-0.0400	2.92	6.00	ug/L	
SJG0200-IBLD	Zinc-67	-0.0360	0.94	6.00	ug/L	
SJG0200-CCBF	Zinc-66	-0.109	2.92	6.00	ug/L	
SJG0200-CCBF	Zinc-67	-0.0430	0.94	6.00	ug/L	
SJG0200-IBLE	Zinc-66	-0.0490	2.92	6.00	ug/L	
SJG0200-IBLE	Zinc-67	0.0180	0.94	6.00	ug/L	
SJG0200-CCBG	Zinc-66	-0.0730	2.92	6.00	ug/L	
SJG0200-CCBG	Zinc-67	-0.0520	0.94	6.00	ug/L	
SJG0200-IBLF	Zinc-66	-0.0240	2.92	6.00	ug/L	
SJG0200-IBLF	Zinc-67	0.0650	0.94	6.00	ug/L	
SJG0200-CCBH	Zinc-66	-0.107	2.92	6.00	ug/L	
SJG0200-CCBH	Zinc-67	-0.0120	0.94	6.00	ug/L	
SJG0200-IBLG	Zinc-66	-0.0150	2.92	6.00	ug/L	
SJG0200-IBLG	Zinc-67	0.0330	0.94	6.00	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Date Analyzed: 07/16/21 04:14

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0200-CCBI	Zinc-66	-0.109	2.92	6.00	ug/L	
SJG0200-CCBI	Zinc-67	0.0500	0.94	6.00	ug/L	

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00056
Sequence: SJG0243
Date Analyzed: 07/19/21 15:51

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0243-IBL1	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJG0243-IBL1	Cadmium-114	0.00400	0.04	0.100	ug/L	
SJG0243-ICB1	Cadmium-111	-0.00500	0.03	0.100	ug/L	
SJG0243-ICB1	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJG0243-CCB1	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJG0243-CCB1	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJG0243-IBL2	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJG0243-IBL2	Cadmium-114	0.0100	0.04	0.100	ug/L	
SJG0243-IBL3	Cadmium-111	0.00600	0.03	0.100	ug/L	
SJG0243-IBL3	Cadmium-114	0.00700	0.04	0.100	ug/L	
SJG0243-CCB2	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJG0243-CCB2	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJG0243-IBL4	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0243-IBL4	Cadmium-114	0.00500	0.04	0.100	ug/L	
SJG0243-CCB3	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJG0243-CCB3	Cadmium-114	0.00	0.04	0.100	ug/L	
SJG0243-CCB4	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0243-CCB4	Cadmium-114	0.00	0.04	0.100	ug/L	
SJG0243-IBL5	Cadmium-111	0.00400	0.03	0.100	ug/L	
SJG0243-IBL5	Cadmium-114	0.00500	0.04	0.100	ug/L	
SJG0243-CCB5	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0243-CCB5	Cadmium-114	0.00300	0.04	0.100	ug/L	
SJG0243-IBL6	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJG0243-IBL6	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJG0243-CCB6	Cadmium-111	0.00600	0.03	0.100	ug/L	
SJG0243-CCB6	Cadmium-114	0.00	0.04	0.100	ug/L	
SJG0243-CCB7	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJG0243-CCB7	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJG0243-IBL7	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJG0243-IBL7	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJG0243-CCB8	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0243-CCB8	Cadmium-114	0.00200	0.04	0.100	ug/L	
SJG0243-IBL8	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJG0243-IBL8	Cadmium-114	-0.00300	0.04	0.100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: ICPMS1
Calibration: EG00056
Sequence: SJG0243
Date Analyzed: 07/20/21 00:21

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJG0243-CCB9	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJG0243-CCB9	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJG0243-IBL9	Cadmium-111	-0.00300	0.03	0.100	ug/L	
SJG0243-IBL9	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJG0243-CCBA	Cadmium-111	-0.00500	0.03	0.100	ug/L	
SJG0243-CCBA	Cadmium-114	-0.00300	0.04	0.100	ug/L	
SJG0243-IBLA	Cadmium-111	-0.00400	0.03	0.100	ug/L	
SJG0243-IBLA	Cadmium-114	-0.00300	0.04	0.100	ug/L	
SJG0243-CCBB	Cadmium-111	-0.00600	0.03	0.100	ug/L	
SJG0243-CCBB	Cadmium-114	-0.00200	0.04	0.100	ug/L	
SJG0243-CCBC	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0243-CCBC	Cadmium-114	-0.00100	0.04	0.100	ug/L	
SJG0243-IBLB	Cadmium-111	0.00	0.03	0.100	ug/L	
SJG0243-IBLB	Cadmium-114	0.00	0.04	0.100	ug/L	
SJG0243-CCBD	Cadmium-111	0.00300	0.03	0.100	ug/L	
SJG0243-CCBD	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJG0243-IBLC	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJG0243-IBLC	Cadmium-114	-0.00400	0.04	0.100	ug/L	
SJG0243-CCBE	Cadmium-111	0.00200	0.03	0.100	ug/L	
SJG0243-CCBE	Cadmium-114	-0.00400	0.04	0.100	ug/L	
SJG0243-IBLD	Cadmium-111	-0.00100	0.03	0.100	ug/L	
SJG0243-IBLD	Cadmium-114	0.00100	0.04	0.100	ug/L	
SJG0243-CCBF	Cadmium-111	0.00100	0.03	0.100	ug/L	
SJG0243-CCBF	Cadmium-114	0.00	0.04	0.100	ug/L	
SJG0243-IBLE	Cadmium-111	-0.00200	0.03	0.100	ug/L	
SJG0243-IBLE	Cadmium-114	-0.00300	0.04	0.100	ug/L	
SJG0243-CCBG	Cadmium-111	0.00700	0.03	0.100	ug/L	
SJG0243-CCBG	Cadmium-114	0.00100	0.04	0.100	ug/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0318-CAL1	XDT_m1210623-006	NA	06/23/21 13:08
CAL 1 - LOW CHECK	SJF0318-CAL2	XDT_m1210623-007	NA	06/23/21 13:13
CAL 2	SJF0318-CAL3	XDT_m1210623-008	NA	06/23/21 13:18
CAL 3	SJF0318-CAL4	XDT_m1210623-009	NA	06/23/21 13:23
CAL 4	SJF0318-CAL5	XDT_m1210623-010	NA	06/23/21 13:28
CAL 5	SJF0318-CAL6	XDT_m1210623-011	NA	06/23/21 13:34
RINSE	SJF0318-IBL1	XDT_m1210623-012	NA	06/23/21 13:42
Initial Cal Check	SJF0318-ICV1	XDT_m1210623-014	NA	06/23/21 13:58
Initial Cal Blank	SJF0318-ICB1	XDT_m1210623-015	NA	06/23/21 14:06
Calibration Check	SJF0318-CCV1	XDT_m1210623-016	NA	06/23/21 14:21
Calibration Blank	SJF0318-CCB1	XDT_m1210623-017	NA	06/23/21 14:29
Instrument RL Check	SJF0318-CRL1	XDT_m1210623-018	NA	06/23/21 14:36
Interference Check A	SJF0318-IFA1	XDT_m1210623-019	NA	06/23/21 14:43
Interference Check B	SJF0318-IFB1	XDT_m1210623-020	NA	06/23/21 14:47
LR200	SJF0318-HCV1	XDT_m1210623-021	NA	06/23/21 14:57
LR300	SJF0318-HCV2	XDT_m1210623-022	NA	06/23/21 15:01
Instrument Blank	SJF0318-IBL2	XDT_m1210623-023	NA	06/23/21 15:09
Instrument Blank	SJF0318-IBL3	XDT_m1210623-024	NA	06/23/21 15:15
Calibration Check	SJF0318-CCV2	XDT_m1210623-025	NA	06/23/21 15:22
Calibration Blank	SJF0318-CCB2	XDT_m1210623-026	NA	06/23/21 15:29
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
ZZZZZ	21F0255-01	XDT_m1210623_PRE-029	Water	06/23/21 15:54
Blank	BJF0556-BLK1	XDT_m1210623-033	Water	06/23/21 16:24
LCS	BJF0556-BS1	XDT_m1210623-034	Water	06/23/21 16:29
Instrument Blank	SJF0318-IBL4	XDT_m1210623-036	NA	06/23/21 16:41
Calibration Check	SJF0318-CCV3	XDT_m1210623-037	NA	06/23/21 16:46

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0318-CCB3	XDT_m1210623-038	NA	06/23/21 16:54
ZZZZZ	21F0185-04	XDT_m1210623-043	Water	06/23/21 17:21
Instrument Blank	SJF0318-IBL5	XDT_m1210623-046	NA	06/23/21 17:42
Calibration Check	SJF0318-CCV4	XDT_m1210623-049	NA	06/23/21 18:03
Calibration Blank	SJF0318-CCB4	XDT_m1210623-050	NA	06/23/21 18:10
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
ZZZZZ	21E0314-03	XDT_m1210623-053	Water	06/23/21 18:41
Instrument Blank	SJF0318-IBL6	XDT_m1210623-060	NA	06/23/21 19:33
Calibration Check	SJF0318-CCV5	XDT_m1210623-061	NA	06/23/21 19:38
Calibration Blank	SJF0318-CCB5	XDT_m1210623-062	NA	06/23/21 19:47
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-03	XDT_m1210623-067	Water	06/23/21 20:21
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
ZZZZZ	21E0323-01	XDT_m1210623-068	Water	06/23/21 20:28
Instrument Blank	SJF0318-IBL7	XDT_m1210623-072	NA	06/23/21 20:52
Calibration Check	SJF0318-CCV6	XDT_m1210623-073	NA	06/23/21 20:58
Calibration Blank	SJF0318-CCB6	XDT_m1210623-074	NA	06/23/21 21:05
Instrument Blank	SJF0318-IBL8	XDT_m1210623-084	NA	06/23/21 22:10

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0318-CCV7	XDT_m1210623-085	NA	06/23/21 22:15
Calibration Blank	SJF0318-CCB7	XDT_m1210623-086	NA	06/23/21 22:23
Instrument Blank	SJF0318-IBL9	XDT_m1210623-096	NA	06/23/21 23:23
Calibration Check	SJF0318-CCV8	XDT_m1210623-097	NA	06/23/21 23:28
Calibration Blank	SJF0318-CCB8	XDT_m1210623-098	NA	06/23/21 23:36
Calibration Check	SJF0318-CCV9	XDT_m1210623-100	NA	06/23/21 23:47
Calibration Blank	SJF0318-CCB9	XDT_m1210623-101	NA	06/23/21 23:54
Instrument Blank	SJF0318-IBLA	XDT_m1210623-111	NA	06/24/21 00:47
Calibration Check	SJF0318-CCVA	XDT_m1210623-112	NA	06/24/21 00:52
Calibration Blank	SJF0318-CCBA	XDT_m1210623-113	NA	06/24/21 00:59
Instrument Blank	SJF0318-IBLB	XDT_m1210623-123	NA	06/24/21 01:53
Calibration Check	SJF0318-CCVB	XDT_m1210623-124	NA	06/24/21 01:58
Calibration Blank	SJF0318-CCBB	XDT_m1210623-125	NA	06/24/21 02:06
Instrument Blank	SJF0318-IBLC	XDT_m1210623-135	NA	06/24/21 03:00
Calibration Check	SJF0318-CCVC	XDT_m1210623-136	NA	06/24/21 03:05
Calibration Blank	SJF0318-CCBC	XDT_m1210623-137	NA	06/24/21 03:12
Instrument Blank	SJF0318-IBLD	XDT_m1210623-147	NA	06/24/21 04:07
Calibration Check	SJF0318-CCVD	XDT_m1210623-148	NA	06/24/21 04:12
Calibration Blank	SJF0318-CCBD	XDT_m1210623-149	NA	06/24/21 04:19
Calibration Check	SJF0318-CCVE	XDT_m1210623-151	NA	06/24/21 04:29
Calibration Blank	SJF0318-CCBE	XDT_m1210623-152	NA	06/24/21 04:36
ZZZZZ	21F0139-03	XDT_m1210623-155	Water	06/24/21 04:53
ZZZZZ	21F0139-03	XDT_m1210623-155	Water	06/24/21 04:53
ZZZZZ	21F0139-04	XDT_m1210623-156	Water	06/24/21 04:58
ZZZZZ	21F0139-04	XDT_m1210623-156	Water	06/24/21 04:58
ZZZZZ	21F0139-05	XDT_m1210623-157	Water	06/24/21 05:02
ZZZZZ	21F0139-05	XDT_m1210623-157	Water	06/24/21 05:02
ZZZZZ	21F0139-02	XDT_m1210623-158	Water	06/24/21 05:07
ZZZZZ	21F0139-02	XDT_m1210623-158	Water	06/24/21 05:07
ZZZZZ	21F0139-02	XDT_m1210623-158	Water	06/24/21 05:07

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0318
Instrument: ICPMS1
Calibration: EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0139-02	XDT_m1210623-158	Water	06/24/21 05:07
ZZZZZ	21F0139-02	XDT_m1210623-158	Water	06/24/21 05:07
ZZZZZ	21F0139-02	XDT_m1210623-158	Water	06/24/21 05:07
Instrument Blank	SJF0318-IBLE	XDT_m1210623-162	NA	06/24/21 05:31
Calibration Check	SJF0318-CCVF	XDT_m1210623-163	NA	06/24/21 05:36
Calibration Blank	SJF0318-CCBF	XDT_m1210623-164	NA	06/24/21 05:43
NRC-103DR-GW-060321	21F0123-05	XDT_m1210623-170	Water	06/24/21 06:15
NRC-103DR-GW-060321	21F0123-05	XDT_m1210623-170	Water	06/24/21 06:15
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-DUP1	XDT_m1210623-171	Water	06/24/21 06:20
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MS1	XDT_m1210623-172	Water	06/24/21 06:25
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
NRC-103DR-GW-060321	BJF0556-MSD1	XDT_m1210623-173	Water	06/24/21 06:31
Instrument Blank	SJF0318-IBLF	XDT_m1210623-174	NA	06/24/21 06:39
Calibration Check	SJF0318-CCVG	XDT_m1210623-175	NA	06/24/21 06:44
Calibration Blank	SJF0318-CCBG	XDT_m1210623-176	NA	06/24/21 06:51
Instrument Blank	SJF0318-IBLG	XDT_m1210623-186	NA	06/24/21 07:47

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0318	Instrument:	ICPMS1
		Calibration:	EF00068

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0318-CCVH	XDT_m1210623-187	NA	06/24/21 07:52
Calibration Blank	SJF0318-CCBH	XDT_m1210623-188	NA	06/24/21 07:59
ZZZZZ	21F0147-02	XDT_m1210623-192	Water	06/24/21 08:21
ZZZZZ	21F0147-02	XDT_m1210623-192	Water	06/24/21 08:21
ZZZZZ	21F0147-02	XDT_m1210623-192	Water	06/24/21 08:21
ZZZZZ	21F0147-03	XDT_m1210623-193	Water	06/24/21 08:26
ZZZZZ	21F0147-03	XDT_m1210623-193	Water	06/24/21 08:26
ZZZZZ	21F0147-03	XDT_m1210623-193	Water	06/24/21 08:26
ZZZZZ	21F0147-04	XDT_m1210623-194	Water	06/24/21 08:31
ZZZZZ	21F0147-04	XDT_m1210623-194	Water	06/24/21 08:31
ZZZZZ	21F0147-04	XDT_m1210623-194	Water	06/24/21 08:31
ZZZZZ	21F0147-01	XDT_m1210623-195	Water	06/24/21 08:36
ZZZZZ	21F0147-01	XDT_m1210623-195	Water	06/24/21 08:36
ZZZZZ	21F0147-01	XDT_m1210623-195	Water	06/24/21 08:36
ZZZZZ	21F0147-01	XDT_m1210623-195	Water	06/24/21 08:36
Instrument Blank	SJF0318-IBLH	XDT_m1210623-198	NA	06/24/21 08:55
Calibration Check	SJF0318-CCVI	XDT_m1210623-199	NA	06/24/21 09:00
Calibration Blank	SJF0318-CCBI	XDT_m1210623-200	NA	06/24/21 09:08

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0364-CAL1	XDT_m1210624-016	NA	06/24/21 13:47
CAL 0	SJF0364-CAL1	XDT_m1210624-016	NA	06/24/21 13:47
CAL 1 - LOW CHECK	SJF0364-CAL2	XDT_m1210624-017	NA	06/24/21 13:52
CAL 1 - LOW CHECK	SJF0364-CAL2	XDT_m1210624-017	NA	06/24/21 13:52
CAL 2	SJF0364-CAL3	XDT_m1210624-018	NA	06/24/21 13:56
CAL 2	SJF0364-CAL3	XDT_m1210624-018	NA	06/24/21 13:56
CAL 3	SJF0364-CAL4	XDT_m1210624-019	NA	06/24/21 14:01
CAL 3	SJF0364-CAL4	XDT_m1210624-019	NA	06/24/21 14:01
CAL 4	SJF0364-CAL5	XDT_m1210624-020	NA	06/24/21 14:06
CAL 4	SJF0364-CAL5	XDT_m1210624-020	NA	06/24/21 14:06
CAL 5	SJF0364-CAL6	XDT_m1210624-021	NA	06/24/21 14:12
CAL 5	SJF0364-CAL6	XDT_m1210624-021	NA	06/24/21 14:12
RINSE	SJF0364-IBL1	XDT_m1210624-022	NA	06/24/21 14:20
RINSE	SJF0364-IBL1	XDT_m1210624-022	NA	06/24/21 14:20
Initial Cal Check	SJF0364-ICV1	XDT_m1210624-024	NA	06/24/21 14:30
Initial Cal Check	SJF0364-ICV1	XDT_m1210624-024	NA	06/24/21 14:30
Initial Cal Blank	SJF0364-ICB1	XDT_m1210624-025	NA	06/24/21 14:38
Initial Cal Blank	SJF0364-ICB1	XDT_m1210624-025	NA	06/24/21 14:38
Calibration Check	SJF0364-CCV1	XDT_m1210624-026	NA	06/24/21 14:45
Calibration Check	SJF0364-CCV1	XDT_m1210624-026	NA	06/24/21 14:45
Calibration Blank	SJF0364-CCB1	XDT_m1210624-027	NA	06/24/21 14:53
Calibration Blank	SJF0364-CCB1	XDT_m1210624-027	NA	06/24/21 14:53
Instrument RL Check	SJF0364-CRL1	XDT_m1210624-028	NA	06/24/21 15:01
Instrument RL Check	SJF0364-CRL1	XDT_m1210624-028	NA	06/24/21 15:01
Interference Check A	SJF0364-IFA1	XDT_m1210624-029	NA	06/24/21 15:05
Interference Check A	SJF0364-IFA1	XDT_m1210624-029	NA	06/24/21 15:05
Interference Check B	SJF0364-IFB1	XDT_m1210624-030	NA	06/24/21 15:10
Interference Check B	SJF0364-IFB1	XDT_m1210624-030	NA	06/24/21 15:10
LR200	SJF0364-HCV1	XDT_m1210624-031	NA	06/24/21 15:17
LR200	SJF0364-HCV1	XDT_m1210624-031	NA	06/24/21 15:17

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
LR300	SJF0364-HCV2	XDT_m1210624-032	NA	06/24/21 15:21
LR300	SJF0364-HCV2	XDT_m1210624-032	NA	06/24/21 15:21
Instrument Blank	SJF0364-IBL2	XDT_m1210624-033	NA	06/24/21 15:29
Instrument Blank	SJF0364-IBL2	XDT_m1210624-033	NA	06/24/21 15:29
Instrument Blank	SJF0364-IBL3	XDT_m1210624-034	NA	06/24/21 15:35
Instrument Blank	SJF0364-IBL3	XDT_m1210624-034	NA	06/24/21 15:35
Calibration Check	SJF0364-CCV2	XDT_m1210624-035	NA	06/24/21 15:42
Calibration Check	SJF0364-CCV2	XDT_m1210624-035	NA	06/24/21 15:42
Calibration Blank	SJF0364-CCB2	XDT_m1210624-036	NA	06/24/21 15:49
Calibration Blank	SJF0364-CCB2	XDT_m1210624-036	NA	06/24/21 15:49
ZZZZZ	21F0160-01	XDT_m1210624-039	Water	06/24/21 16:06
ZZZZZ	21F0160-01	XDT_m1210624-039	Water	06/24/21 16:06
ZZZZZ	21F0185-01	XDT_m1210624-041	Water	06/24/21 16:22
ZZZZZ	21F0185-01	XDT_m1210624-041	Water	06/24/21 16:22
ZZZZZ	21F0185-01	XDT_m1210624-041	Water	06/24/21 16:22
ZZZZZ	21F0185-03	XDT_m1210624-042	Water	06/24/21 16:28
ZZZZZ	21F0185-03	XDT_m1210624-042	Water	06/24/21 16:28
ZZZZZ	21F0185-03	XDT_m1210624-042	Water	06/24/21 16:28
Instrument Blank	SJF0364-IBL4	XDT_m1210624-045	NA	06/24/21 16:50
Instrument Blank	SJF0364-IBL4	XDT_m1210624-045	NA	06/24/21 16:50
Calibration Check	SJF0364-CCV3	XDT_m1210624-047	NA	06/24/21 17:00
Calibration Check	SJF0364-CCV3	XDT_m1210624-047	NA	06/24/21 17:00
Calibration Blank	SJF0364-CCB3	XDT_m1210624-048	NA	06/24/21 17:07
Calibration Blank	SJF0364-CCB3	XDT_m1210624-048	NA	06/24/21 17:07
Calibration Check	SJF0364-CCV4	XDT_m1210624-050	NA	06/24/21 17:18
Calibration Check	SJF0364-CCV4	XDT_m1210624-050	NA	06/24/21 17:18
Calibration Blank	SJF0364-CCB4	XDT_m1210624-051	NA	06/24/21 17:26
Calibration Blank	SJF0364-CCB4	XDT_m1210624-051	NA	06/24/21 17:26
Instrument Blank	SJF0364-IBL5	XDT_m1210624-054	NA	06/24/21 17:45
Instrument Blank	SJF0364-IBL5	XDT_m1210624-054	NA	06/24/21 17:45

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Instrument Blank	SJF0364-IBL6	XDT_m1210624-061	NA	06/24/21 18:33
Instrument Blank	SJF0364-IBL6	XDT_m1210624-061	NA	06/24/21 18:33
Calibration Check	SJF0364-CCV5	XDT_m1210624-062	NA	06/24/21 18:39
Calibration Check	SJF0364-CCV5	XDT_m1210624-062	NA	06/24/21 18:39
Calibration Blank	SJF0364-CCB5	XDT_m1210624-063	NA	06/24/21 18:46
Calibration Blank	SJF0364-CCB5	XDT_m1210624-063	NA	06/24/21 18:46
Instrument Blank	SJF0364-IBL7	XDT_m1210624-065	NA	06/24/21 19:00
Instrument Blank	SJF0364-IBL7	XDT_m1210624-065	NA	06/24/21 19:00
Instrument Blank	SJF0364-IBL8	XDT_m1210624-067	NA	06/24/21 19:16
Instrument Blank	SJF0364-IBL8	XDT_m1210624-067	NA	06/24/21 19:16
Instrument Blank	SJF0364-IBL9	XDT_m1210624-072	NA	06/24/21 19:56
Instrument Blank	SJF0364-IBL9	XDT_m1210624-072	NA	06/24/21 19:56
Calibration Check	SJF0364-CCV6	XDT_m1210624-073	NA	06/24/21 20:01
Calibration Check	SJF0364-CCV6	XDT_m1210624-073	NA	06/24/21 20:01
Calibration Blank	SJF0364-CCB6	XDT_m1210624-074	NA	06/24/21 20:09
Calibration Blank	SJF0364-CCB6	XDT_m1210624-074	NA	06/24/21 20:09
Instrument Blank	SJF0364-IBLA	XDT_m1210624-084	NA	06/24/21 21:10
Instrument Blank	SJF0364-IBLA	XDT_m1210624-084	NA	06/24/21 21:10
Calibration Check	SJF0364-CCV7	XDT_m1210624-085	NA	06/24/21 21:15
Calibration Check	SJF0364-CCV7	XDT_m1210624-085	NA	06/24/21 21:15
Calibration Blank	SJF0364-CCB7	XDT_m1210624-086	NA	06/24/21 21:22
Calibration Blank	SJF0364-CCB7	XDT_m1210624-086	NA	06/24/21 21:22
Instrument Blank	SJF0364-IBLB	XDT_m1210624-095	NA	06/24/21 22:22
Instrument Blank	SJF0364-IBLB	XDT_m1210624-095	NA	06/24/21 22:22
Calibration Check	SJF0364-CCV8	XDT_m1210624-096	NA	06/24/21 22:26
Calibration Check	SJF0364-CCV8	XDT_m1210624-096	NA	06/24/21 22:26
Calibration Blank	SJF0364-CCB8	XDT_m1210624-097	NA	06/24/21 22:35
Calibration Blank	SJF0364-CCB8	XDT_m1210624-097	NA	06/24/21 22:35
Calibration Check	SJF0364-CCV9	XDT_m1210624-099	NA	06/24/21 22:49
Calibration Check	SJF0364-CCV9	XDT_m1210624-099	NA	06/24/21 22:49

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0364-CCB9	XDT_m1210624-100	NA	06/24/21 22:56
Calibration Blank	SJF0364-CCB9	XDT_m1210624-100	NA	06/24/21 22:56
Blank	BJF0654-BLK1	XDT_m1210624-101	Water	06/24/21 23:01
LCS	BJF0654-BS1	XDT_m1210624-102	Water	06/24/21 23:05
Blank	BJF0655-BLK1	XDT_m1210624-103	Water	06/24/21 23:10
LCS	BJF0655-BS1	XDT_m1210624-104	Water	06/24/21 23:14
ZZZZZ	21F0130-40	XDT_m1210624-105	Water	06/24/21 23:19
ZZZZZ	21F0130-40	XDT_m1210624-105	Water	06/24/21 23:19
ZZZZZ	21F0130-40	XDT_m1210624-105	Water	06/24/21 23:19
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210624-106	Water	06/24/21 23:23
FieldBlank-1-GW-060421	21F0123-20	XDT_m1210624-106	Water	06/24/21 23:23
RC-6-SW-060521	21F0123-36	XDT_m1210624-107	Water	06/24/21 23:28
RC-6-SW-060521	21F0123-36	XDT_m1210624-107	Water	06/24/21 23:28
RC-1-SW-060521	21F0123-41	XDT_m1210624-108	Water	06/24/21 23:33
RC-1-SW-060521	21F0123-41	XDT_m1210624-108	Water	06/24/21 23:33
NRC-3DR-GW-060321	21F0123-42	XDT_m1210624-109	Water	06/24/21 23:39
NRC-3DR-GW-060321	21F0123-42	XDT_m1210624-109	Water	06/24/21 23:39
Instrument Blank	SJF0364-IBLC	XDT_m1210624-110	NA	06/24/21 23:47
Instrument Blank	SJF0364-IBLC	XDT_m1210624-110	NA	06/24/21 23:47
Calibration Check	SJF0364-CCVA	XDT_m1210624-111	NA	06/24/21 23:52
Calibration Check	SJF0364-CCVA	XDT_m1210624-111	NA	06/24/21 23:52
Calibration Blank	SJF0364-CCBA	XDT_m1210624-112	NA	06/24/21 23:59
Calibration Blank	SJF0364-CCBA	XDT_m1210624-112	NA	06/24/21 23:59
ZZZZZ	21F0130-08	XDT_m1210624-113	Water	06/25/21 00:04
ZZZZZ	21F0130-08	XDT_m1210624-113	Water	06/25/21 00:04
ZZZZZ	21F0130-08	XDT_m1210624-113	Water	06/25/21 00:04
ZZZZZ	21F0130-12	XDT_m1210624-114	Water	06/25/21 00:08
ZZZZZ	21F0130-12	XDT_m1210624-114	Water	06/25/21 00:08
ZZZZZ	21F0130-12	XDT_m1210624-114	Water	06/25/21 00:08
ZZZZZ	21F0130-23	XDT_m1210624-115	Water	06/25/21 00:13

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-23	XDT_m1210624-115	Water	06/25/21 00:13
ZZZZZ	21F0130-23	XDT_m1210624-115	Water	06/25/21 00:13
ZZZZZ	21F0130-25	XDT_m1210624-116	Water	06/25/21 00:17
ZZZZZ	21F0130-25	XDT_m1210624-116	Water	06/25/21 00:17
ZZZZZ	21F0130-25	XDT_m1210624-116	Water	06/25/21 00:17
ZZZZZ	21F0130-27	XDT_m1210624-117	Water	06/25/21 00:22
ZZZZZ	21F0130-27	XDT_m1210624-117	Water	06/25/21 00:22
ZZZZZ	21F0130-27	XDT_m1210624-117	Water	06/25/21 00:22
ZZZZZ	21F0130-05	XDT_m1210624-118	Water	06/25/21 00:26
ZZZZZ	21F0130-05	XDT_m1210624-118	Water	06/25/21 00:26
ZZZZZ	21F0130-05	XDT_m1210624-118	Water	06/25/21 00:26
ZZZZZ	21F0130-05	XDT_m1210624-118	Water	06/25/21 00:26
ZZZZZ	21F0130-05	XDT_m1210624-118	Water	06/25/21 00:26
ZZZZZ	21F0130-05	XDT_m1210624-118	Water	06/25/21 00:26
Instrument Blank	SJF0364-IBLD	XDT_m1210624-122	NA	06/25/21 00:51
Instrument Blank	SJF0364-IBLD	XDT_m1210624-122	NA	06/25/21 00:51
Calibration Check	SJF0364-CCVB	XDT_m1210624-123	NA	06/25/21 00:56
Calibration Check	SJF0364-CCVB	XDT_m1210624-123	NA	06/25/21 00:56
Calibration Blank	SJF0364-CCBB	XDT_m1210624-124	NA	06/25/21 01:03
Calibration Blank	SJF0364-CCBB	XDT_m1210624-124	NA	06/25/21 01:03
ZZZZZ	21F0130-31	XDT_m1210624-125	Water	06/25/21 01:08
ZZZZZ	21F0130-31	XDT_m1210624-125	Water	06/25/21 01:08
ZZZZZ	21F0130-31	XDT_m1210624-125	Water	06/25/21 01:08
ZZZZZ	21F0130-37	XDT_m1210624-126	Water	06/25/21 01:13
ZZZZZ	21F0130-37	XDT_m1210624-126	Water	06/25/21 01:13
ZZZZZ	21F0130-37	XDT_m1210624-126	Water	06/25/21 01:13
ZZZZZ	21F0130-54	XDT_m1210624-128	Water	06/25/21 01:22
ZZZZZ	21F0130-54	XDT_m1210624-128	Water	06/25/21 01:22
ZZZZZ	21F0130-54	XDT_m1210624-128	Water	06/25/21 01:22
Instrument Blank	SJF0364-IBLE	XDT_m1210624-129	NA	06/25/21 01:28

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Instrument Blank	SJF0364-IBLE	XDT_m1210624-129	NA	06/25/21 01:28
DS-17I-GW-060421	21F0123-18	XDT_m1210624-130	Water	06/25/21 01:33
DS-17I-GW-060421	21F0123-18	XDT_m1210624-130	Water	06/25/21 01:33
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	Water	06/25/21 01:38
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	Water	06/25/21 01:38
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	Water	06/25/21 01:38
DS-17I-GW-060421	BJF0654-DUP1	XDT_m1210624-131	Water	06/25/21 01:38
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	Water	06/25/21 01:43
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	Water	06/25/21 01:43
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	Water	06/25/21 01:43
DS-17I-GW-060421	BJF0654-MS1	XDT_m1210624-132	Water	06/25/21 01:43
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	Water	06/25/21 01:49
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	Water	06/25/21 01:49
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	Water	06/25/21 01:49
DS-17I-GW-060421	BJF0654-MSD1	XDT_m1210624-133	Water	06/25/21 01:49
Instrument Blank	SJF0364-IBLF	XDT_m1210624-134	NA	06/25/21 01:57
Instrument Blank	SJF0364-IBLF	XDT_m1210624-134	NA	06/25/21 01:57
Calibration Check	SJF0364-CCVC	XDT_m1210624-135	NA	06/25/21 02:02
Calibration Check	SJF0364-CCVC	XDT_m1210624-135	NA	06/25/21 02:02
Calibration Blank	SJF0364-CCBC	XDT_m1210624-136	NA	06/25/21 02:09
Calibration Blank	SJF0364-CCBC	XDT_m1210624-136	NA	06/25/21 02:09
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210624-137	Water	06/25/21 02:14
FieldBlank-1-GW-060421	21F0123-19	XDT_m1210624-137	Water	06/25/21 02:14
SG-7R-WP-060421	21F0123-22	XDT_m1210624-138	Water	06/25/21 02:18
SG-7R-WP-060421	21F0123-22	XDT_m1210624-138	Water	06/25/21 02:18
DS-12S-GW-060421	21F0123-23	XDT_m1210624-139	Water	06/25/21 02:23
DS-12S-GW-060421	21F0123-23	XDT_m1210624-139	Water	06/25/21 02:23
DS-12I-GW-060421	21F0123-24	XDT_m1210624-140	Water	06/25/21 02:27
DS-12I-GW-060421	21F0123-24	XDT_m1210624-140	Water	06/25/21 02:27
DS-12I-GW-060421	21F0123-24	XDT_m1210624-140	Water	06/25/21 02:27

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	Water	06/25/21 02:32
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	Water	06/25/21 02:32
DS-12D-GW-060421	21F0123-25	XDT_m1210624-141	Water	06/25/21 02:32
DS-13S-GW-060421	21F0123-26	XDT_m1210624-142	Water	06/25/21 02:36
DS-13S-GW-060421	21F0123-26	XDT_m1210624-142	Water	06/25/21 02:36
DS-13S-GW-060421	21F0123-26	XDT_m1210624-142	Water	06/25/21 02:36
DS-13I-GW-060421	21F0123-27	XDT_m1210624-143	Water	06/25/21 02:41
DS-13I-GW-060421	21F0123-27	XDT_m1210624-143	Water	06/25/21 02:41
DS-13I-GW-060421	21F0123-27	XDT_m1210624-143	Water	06/25/21 02:41
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	Water	06/25/21 02:46
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	Water	06/25/21 02:46
DS-13D-GW-060421	21F0123-28	XDT_m1210624-144	Water	06/25/21 02:46
HBKG-2-GW-060421	21F0123-29	XDT_m1210624-145	Water	06/25/21 02:52
HBKG-2-GW-060421	21F0123-29	XDT_m1210624-145	Water	06/25/21 02:52
Instrument Blank	SJF0364-IBLG	XDT_m1210624-146	NA	06/25/21 03:00
Instrument Blank	SJF0364-IBLG	XDT_m1210624-146	NA	06/25/21 03:00
Calibration Check	SJF0364-CCVD	XDT_m1210624-147	NA	06/25/21 03:05
Calibration Check	SJF0364-CCVD	XDT_m1210624-147	NA	06/25/21 03:05
Calibration Blank	SJF0364-CCBD	XDT_m1210624-148	NA	06/25/21 03:12
Calibration Blank	SJF0364-CCBD	XDT_m1210624-148	NA	06/25/21 03:12
US-1S-GW-060421	21F0123-30	XDT_m1210624-149	Water	06/25/21 03:17
US-1S-GW-060421	21F0123-30	XDT_m1210624-149	Water	06/25/21 03:17
US-1I-GW-060421	21F0123-31	XDT_m1210624-150	Water	06/25/21 03:21
US-1I-GW-060421	21F0123-31	XDT_m1210624-150	Water	06/25/21 03:21
US-1D-GW-060421	21F0123-32	XDT_m1210624-151	Water	06/25/21 03:26
US-1D-GW-060421	21F0123-32	XDT_m1210624-151	Water	06/25/21 03:26
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	Water	06/25/21 03:30
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	Water	06/25/21 03:30
TP2-12D-GW-060521	21F0123-33	XDT_m1210624-152	Water	06/25/21 03:30
TP2-12S-GW-060521	21F0123-34	XDT_m1210624-153	Water	06/25/21 03:35

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0364

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
TP2-12S-GW-060521	21F0123-34	XDT_m1210624-153	Water	06/25/21 03:35
TP2-12S-GW-060521	21F0123-34	XDT_m1210624-153	Water	06/25/21 03:35
RC-6-SW-060521	21F0123-35	XDT_m1210624-154	Water	06/25/21 03:40
RC-6-SW-060521	21F0123-35	XDT_m1210624-154	Water	06/25/21 03:40
RC-6-PW-6-060521	21F0123-37	XDT_m1210624-155	Water	06/25/21 03:44
RC-6-PW-6-060521	21F0123-37	XDT_m1210624-155	Water	06/25/21 03:44
RC-6-PW-12-060521	21F0123-38	XDT_m1210624-156	Water	06/25/21 03:49
RC-6-PW-12-060521	21F0123-38	XDT_m1210624-156	Water	06/25/21 03:49
RC-6-WP-36-060521	21F0123-39	XDT_m1210624-157	Water	06/25/21 03:55
RC-6-WP-36-060521	21F0123-39	XDT_m1210624-157	Water	06/25/21 03:55
Instrument Blank	SJF0364-IBLH	XDT_m1210624-158	NA	06/25/21 04:03
Instrument Blank	SJF0364-IBLH	XDT_m1210624-158	NA	06/25/21 04:03
Calibration Check	SJF0364-CCVE	XDT_m1210624-159	NA	06/25/21 04:08
Calibration Check	SJF0364-CCVE	XDT_m1210624-159	NA	06/25/21 04:08
Calibration Blank	SJF0364-CCBE	XDT_m1210624-160	NA	06/25/21 04:15
Calibration Blank	SJF0364-CCBE	XDT_m1210624-160	NA	06/25/21 04:15
RC-1-SW-060521	21F0123-40	XDT_m1210624-161	Water	06/25/21 04:20
RC-1-SW-060521	21F0123-40	XDT_m1210624-161	Water	06/25/21 04:20
NRC-3IR-GW-060321	21F0123-02	XDT_m1210624-162	Water	06/25/21 04:24
NRC-3IR-GW-060321	21F0123-02	XDT_m1210624-162	Water	06/25/21 04:24
NRC-3DR-GW-060321	21F0123-03	XDT_m1210624-163	Water	06/25/21 04:29
NRC-3DR-GW-060321	21F0123-03	XDT_m1210624-163	Water	06/25/21 04:29
NRC-103DR-GW-060321	21F0123-04	XDT_m1210624-164	Water	06/25/21 04:33
NRC-103DR-GW-060321	21F0123-04	XDT_m1210624-164	Water	06/25/21 04:33
NRC-103SR-GW-060321	21F0123-06	XDT_m1210624-165	Water	06/25/21 04:38
NRC-103SR-GW-060321	21F0123-06	XDT_m1210624-165	Water	06/25/21 04:38
NRC-3SR-GW-060321	21F0123-01	XDT_m1210624-166	Water	06/25/21 04:43
NRC-3SR-GW-060321	21F0123-01	XDT_m1210624-166	Water	06/25/21 04:43
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-DUP1	XDT_m1210624-167	Water	06/25/21 04:48
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MS1	XDT_m1210624-168	Water	06/25/21 04:54
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
NRC-3SR-GW-060321	BJF0655-MSD1	XDT_m1210624-169	Water	06/25/21 04:59
Instrument Blank	SJF0364-IBLI	XDT_m1210624-170	NA	06/25/21 05:07
Instrument Blank	SJF0364-IBLI	XDT_m1210624-170	NA	06/25/21 05:07
Calibration Check	SJF0364-CCVF	XDT_m1210624-171	NA	06/25/21 05:12
Calibration Check	SJF0364-CCVF	XDT_m1210624-171	NA	06/25/21 05:12
Calibration Blank	SJF0364-CCBF	XDT_m1210624-172	NA	06/25/21 05:20
Calibration Blank	SJF0364-CCBF	XDT_m1210624-172	NA	06/25/21 05:20
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	Water	06/25/21 05:24
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	Water	06/25/21 05:24
MW-01-GW-060321	21F0123-07	XDT_m1210624-173	Water	06/25/21 05:24
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	Water	06/25/21 05:29
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	Water	06/25/21 05:29
MW-2-GW-060321	21F0123-08	XDT_m1210624-174	Water	06/25/21 05:29
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	Water	06/25/21 05:33
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	Water	06/25/21 05:33

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0364
Instrument: ICPMS1
Calibration: EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-16I-GW-060421	21F0123-09	XDT_m1210624-175	Water	06/25/21 05:33
DS-16D-GW-060421	21F0123-10	XDT_m1210624-176	Water	06/25/21 05:38
DS-16D-GW-060421	21F0123-10	XDT_m1210624-176	Water	06/25/21 05:38
DS-16S-GW-060421	21F0123-11	XDT_m1210624-177	Water	06/25/21 05:42
DS-16S-GW-060421	21F0123-11	XDT_m1210624-177	Water	06/25/21 05:42
DS-15S-GW-060421	21F0123-12	XDT_m1210624-178	Water	06/25/21 05:47
DS-15S-GW-060421	21F0123-12	XDT_m1210624-178	Water	06/25/21 05:47
DS-15S-GW-060421	21F0123-12	XDT_m1210624-178	Water	06/25/21 05:47
DS-15I-GW-060421	21F0123-13	XDT_m1210624-179	Water	06/25/21 05:52
DS-15I-GW-060421	21F0123-13	XDT_m1210624-179	Water	06/25/21 05:52
DS-18S-GW-060421	21F0123-14	XDT_m1210624-180	Water	06/25/21 05:57
DS-18S-GW-060421	21F0123-14	XDT_m1210624-180	Water	06/25/21 05:57
DS-18S-GW-060421	21F0123-14	XDT_m1210624-180	Water	06/25/21 05:57
DS-18I-GW-060421	21F0123-15	XDT_m1210624-181	Water	06/25/21 06:03
DS-18I-GW-060421	21F0123-15	XDT_m1210624-181	Water	06/25/21 06:03
Instrument Blank	SJF0364-IBLJ	XDT_m1210624-182	NA	06/25/21 06:11
Instrument Blank	SJF0364-IBLJ	XDT_m1210624-182	NA	06/25/21 06:11
Calibration Check	SJF0364-CCVG	XDT_m1210624-183	NA	06/25/21 06:16
Calibration Check	SJF0364-CCVG	XDT_m1210624-183	NA	06/25/21 06:16
Calibration Blank	SJF0364-CCBG	XDT_m1210624-184	NA	06/25/21 06:23
Calibration Blank	SJF0364-CCBG	XDT_m1210624-184	NA	06/25/21 06:23
DS-18D-GW-060421	21F0123-16	XDT_m1210624-185	Water	06/25/21 06:28
DS-18D-GW-060421	21F0123-16	XDT_m1210624-185	Water	06/25/21 06:28
MW-3-GW-060421	21F0123-21	XDT_m1210624-187	Water	06/25/21 06:38
MW-3-GW-060421	21F0123-21	XDT_m1210624-187	Water	06/25/21 06:38
Instrument Blank	SJF0364-IBLK	XDT_m1210624-188	NA	06/25/21 06:46
Instrument Blank	SJF0364-IBLK	XDT_m1210624-188	NA	06/25/21 06:46
Calibration Check	SJF0364-CCVH	XDT_m1210624-189	NA	06/25/21 06:51
Calibration Check	SJF0364-CCVH	XDT_m1210624-189	NA	06/25/21 06:51
Calibration Blank	SJF0364-CCBH	XDT_m1210624-190	NA	06/25/21 06:58

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0364	Instrument:	ICPMS1
		Calibration:	EF00073

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0364-CCBH	XDT_m1210624-190	NA	06/25/21 06:58

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0378

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EF00076

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0378-CAL1	XDT_m1210625-006	NA	06/25/21 13:39
CAL 1 - LOW CHECK	SJF0378-CAL2	XDT_m1210625-007	NA	06/25/21 13:44
CAL 2	SJF0378-CAL3	XDT_m1210625-008	NA	06/25/21 13:48
CAL 3	SJF0378-CAL4	XDT_m1210625-009	NA	06/25/21 13:52
CAL 4	SJF0378-CAL5	XDT_m1210625-010	NA	06/25/21 13:57
CAL 5	SJF0378-CAL6	XDT_m1210625-011	NA	06/25/21 14:04
RINSE	SJF0378-IBL1	XDT_m1210625-012	NA	06/25/21 14:11
Initial Cal Check	SJF0378-ICV1	XDT_m1210625-014	NA	06/25/21 14:18
Initial Cal Blank	SJF0378-ICB1	XDT_m1210625-015	NA	06/25/21 14:25
Calibration Check	SJF0378-CCV1	XDT_m1210625-016	NA	06/25/21 14:29
Calibration Blank	SJF0378-CCB1	XDT_m1210625-017	NA	06/25/21 14:36
Instrument RL Check	SJF0378-CRL1	XDT_m1210625-018	NA	06/25/21 14:42
Interference Check A	SJF0378-IFA1	XDT_m1210625-019	NA	06/25/21 14:46
Interference Check B	SJF0378-IFB1	XDT_m1210625-020	NA	06/25/21 14:51
LR200	SJF0378-HCV1	XDT_m1210625-021	NA	06/25/21 14:55
LR300	SJF0378-HCV2	XDT_m1210625-022	NA	06/25/21 14:59
Instrument Blank	SJF0378-IBL2	XDT_m1210625-023	NA	06/25/21 15:06
Instrument Blank	SJF0378-IBL3	XDT_m1210625-024	NA	06/25/21 15:13
Calibration Check	SJF0378-CCV2	XDT_m1210625-025	NA	06/25/21 15:19
Calibration Blank	SJF0378-CCB2	XDT_m1210625-026	NA	06/25/21 15:26
Instrument Blank	SJF0378-IBL4	XDT_m1210625-036	NA	06/25/21 16:30
Calibration Check	SJF0378-CCV3	XDT_m1210625-037	NA	06/25/21 16:34
Calibration Blank	SJF0378-CCB3	XDT_m1210625-038	NA	06/25/21 16:41
ZZZZZ	BJF0451-BLK1	XDT_m1210625-040	Solid	06/25/21 16:58
ZZZZZ	BJF0451-BS1	XDT_m1210625-041	Solid	06/25/21 17:02
ZZZZZ	BJF0639-BLK1	XDT_m1210625-042	Solid	06/25/21 17:06
ZZZZZ	BJF0639-BS1	XDT_m1210625-043	Solid	06/25/21 17:11
ZZZZZ	21F0149-01	XDT_m1210625-047	Solid	06/25/21 17:40
ZZZZZ	21F0149-01	XDT_m1210625-047	Solid	06/25/21 17:40
Instrument Blank	SJF0378-IBL5	XDT_m1210625-048	NA	06/25/21 17:50

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0378
Instrument: ICPMS1
Calibration: EF00076

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0378-CCV4	XDT_m1210625-049	NA	06/25/21 17:55
Calibration Blank	SJF0378-CCB4	XDT_m1210625-050	NA	06/25/21 18:02
Instrument Blank	SJF0378-IBL6	XDT_m1210625-060	NA	06/25/21 19:04
Calibration Check	SJF0378-CCV5	XDT_m1210625-061	NA	06/25/21 19:10
Calibration Blank	SJF0378-CCB5	XDT_m1210625-062	NA	06/25/21 19:17
ZZZZZ	21F0149-02	XDT_m1210625-063	Solid	06/25/21 19:24
ZZZZZ	21F0149-02	XDT_m1210625-063	Solid	06/25/21 19:24
ZZZZZ	21F0149-03	XDT_m1210625-064	Solid	06/25/21 19:29
ZZZZZ	21F0149-03	XDT_m1210625-064	Solid	06/25/21 19:29
ZZZZZ	21F0149-04	XDT_m1210625-065	Solid	06/25/21 19:34
ZZZZZ	21F0149-04	XDT_m1210625-065	Solid	06/25/21 19:34
ZZZZZ	21F0149-05	XDT_m1210625-066	Solid	06/25/21 19:38
ZZZZZ	21F0149-05	XDT_m1210625-066	Solid	06/25/21 19:38
ZZZZZ	21F0149-06	XDT_m1210625-067	Solid	06/25/21 19:42
ZZZZZ	21F0149-06	XDT_m1210625-067	Solid	06/25/21 19:42
ZZZZZ	21F0182-13	XDT_m1210625-068	Solid	06/25/21 19:48
ZZZZZ	21F0182-13	XDT_m1210625-068	Solid	06/25/21 19:48
ZZZZZ	21F0182-13	XDT_m1210625-068	Solid	06/25/21 19:48
ZZZZZ	21F0182-13	XDT_m1210625-068	Solid	06/25/21 19:48
Instrument Blank	SJF0378-IBL7	XDT_m1210625-072	NA	06/25/21 20:06
Calibration Check	SJF0378-CCV6	XDT_m1210625-073	NA	06/25/21 20:11
Calibration Blank	SJF0378-CCB6	XDT_m1210625-074	NA	06/25/21 20:18
ZZZZZ	21F0182-17	XDT_m1210625-075	Solid	06/25/21 20:24
ZZZZZ	21F0182-17	XDT_m1210625-075	Solid	06/25/21 20:24
ZZZZZ	21F0182-17	XDT_m1210625-075	Solid	06/25/21 20:24
ZZZZZ	21F0182-17	XDT_m1210625-075	Solid	06/25/21 20:24
ZZZZZ	21F0182-21	XDT_m1210625-076	Solid	06/25/21 20:28
ZZZZZ	21F0182-21	XDT_m1210625-076	Solid	06/25/21 20:28
ZZZZZ	21F0182-21	XDT_m1210625-076	Solid	06/25/21 20:28
ZZZZZ	21F0182-21	XDT_m1210625-076	Solid	06/25/21 20:28

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0378
Instrument: ICPMS1
Calibration: EF00076

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0182-22	XDT_m1210625-077	Solid	06/25/21 20:32
ZZZZZ	21F0182-22	XDT_m1210625-077	Solid	06/25/21 20:32
ZZZZZ	21F0182-22	XDT_m1210625-077	Solid	06/25/21 20:32
ZZZZZ	21F0182-22	XDT_m1210625-077	Solid	06/25/21 20:32
ZZZZZ	21F0203-19	XDT_m1210625-078	Solid	06/25/21 20:37
ZZZZZ	21F0203-20	XDT_m1210625-079	Solid	06/25/21 20:41
ZZZZZ	21F0203-21	XDT_m1210625-080	Solid	06/25/21 20:46
ZZZZZ	21F0203-22	XDT_m1210625-081	Solid	06/25/21 20:50
ZZZZZ	21F0203-23	XDT_m1210625-082	Solid	06/25/21 20:54
ZZZZZ	BJF0639-SRM1	XDT_m1210625-083	Solid	06/25/21 20:59
Instrument Blank	SJF0378-IBL8	XDT_m1210625-084	NA	06/25/21 21:08
Calibration Check	SJF0378-CCV7	XDT_m1210625-085	NA	06/25/21 21:12
Calibration Blank	SJF0378-CCB7	XDT_m1210625-086	NA	06/25/21 21:21
ZZZZZ	21F0203-28	XDT_m1210625-088	Solid	06/25/21 21:32
ZZZZZ	21F0245-03	XDT_m1210625-089	Solid	06/25/21 21:37
ZZZZZ	21F0245-03	XDT_m1210625-089	Solid	06/25/21 21:37
ZZZZZ	21F0245-02	XDT_m1210625-090	Solid	06/25/21 21:42
ZZZZZ	21F0245-02	XDT_m1210625-090	Solid	06/25/21 21:42
ZZZZZ	21F0245-01	XDT_m1210625-091	Solid	06/25/21 21:46
ZZZZZ	21F0245-01	XDT_m1210625-091	Solid	06/25/21 21:46
ZZZZZ	BJF0451-SRL1	XDT_m1210625-092	Solid	06/25/21 21:51
Instrument Blank	SJF0378-IBL9	XDT_m1210625-096	NA	06/25/21 22:10
Calibration Check	SJF0378-CCV8	XDT_m1210625-097	NA	06/25/21 22:14
Calibration Blank	SJF0378-CCB8	XDT_m1210625-098	NA	06/25/21 22:21

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0401
SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJF0401-CAL1	XDT_m1210628-013	NA	06/28/21 14:16
CAL 0	SJF0401-CAL1	XDT_m1210628-013	NA	06/28/21 14:16
CAL 1 - LOW CHECK	SJF0401-CAL2	XDT_m1210628-014	NA	06/28/21 14:21
CAL 1 - LOW CHECK	SJF0401-CAL2	XDT_m1210628-014	NA	06/28/21 14:21
CAL 2	SJF0401-CAL3	XDT_m1210628-015	NA	06/28/21 14:25
CAL 2	SJF0401-CAL3	XDT_m1210628-015	NA	06/28/21 14:25
CAL 3	SJF0401-CAL4	XDT_m1210628-016	NA	06/28/21 14:30
CAL 3	SJF0401-CAL4	XDT_m1210628-016	NA	06/28/21 14:30
CAL 4	SJF0401-CAL5	XDT_m1210628-017	NA	06/28/21 14:36
CAL 4	SJF0401-CAL5	XDT_m1210628-017	NA	06/28/21 14:36
CAL 5	SJF0401-CAL6	XDT_m1210628-018	NA	06/28/21 14:42
CAL 5	SJF0401-CAL6	XDT_m1210628-018	NA	06/28/21 14:42
RINSE	SJF0401-IBL1	XDT_m1210628-019	NA	06/28/21 14:50
RINSE	SJF0401-IBL1	XDT_m1210628-019	NA	06/28/21 14:50
Initial Cal Check	SJF0401-ICV1	XDT_m1210628-021	NA	06/28/21 14:56
Initial Cal Check	SJF0401-ICV1	XDT_m1210628-021	NA	06/28/21 14:56
Initial Cal Blank	SJF0401-ICB1	XDT_m1210628-022	NA	06/28/21 15:04
Initial Cal Blank	SJF0401-ICB1	XDT_m1210628-022	NA	06/28/21 15:04
Calibration Check	SJF0401-CCV1	XDT_m1210628-023	NA	06/28/21 15:08
Calibration Check	SJF0401-CCV1	XDT_m1210628-023	NA	06/28/21 15:08
Calibration Blank	SJF0401-CCB1	XDT_m1210628-024	NA	06/28/21 15:16
Calibration Blank	SJF0401-CCB1	XDT_m1210628-024	NA	06/28/21 15:16
Instrument RL Check	SJF0401-CRL1	XDT_m1210628-025	NA	06/28/21 15:25
Instrument RL Check	SJF0401-CRL1	XDT_m1210628-025	NA	06/28/21 15:25
Interference Check A	SJF0401-IFA1	XDT_m1210628-026	NA	06/28/21 15:30
Interference Check A	SJF0401-IFA1	XDT_m1210628-026	NA	06/28/21 15:30
LR200	SJF0401-HCV1	XDT_m1210628-028	NA	06/28/21 15:40
LR200	SJF0401-HCV1	XDT_m1210628-028	NA	06/28/21 15:40
LR300	SJF0401-HCV2	XDT_m1210628-029	NA	06/28/21 15:44
LR300	SJF0401-HCV2	XDT_m1210628-029	NA	06/28/21 15:44

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Instrument Blank	SJF0401-IBL2	XDT_m1210628-030	NA	06/28/21 15:52
Instrument Blank	SJF0401-IBL2	XDT_m1210628-030	NA	06/28/21 15:52
Interference Check B	SJF0401-IFB1	XDT_m1210628-031	NA	06/28/21 15:59
Interference Check B	SJF0401-IFB1	XDT_m1210628-031	NA	06/28/21 15:59
Instrument Blank	SJF0401-IBL3	XDT_m1210628-032	NA	06/28/21 16:03
Instrument Blank	SJF0401-IBL3	XDT_m1210628-032	NA	06/28/21 16:03
Instrument Blank	SJF0401-IBL4	XDT_m1210628-033	NA	06/28/21 16:10
Instrument Blank	SJF0401-IBL4	XDT_m1210628-033	NA	06/28/21 16:10
Calibration Check	SJF0401-CCV2	XDT_m1210628-034	NA	06/28/21 16:21
Calibration Check	SJF0401-CCV2	XDT_m1210628-034	NA	06/28/21 16:21
Calibration Blank	SJF0401-CCB2	XDT_m1210628-035	NA	06/28/21 16:29
Calibration Blank	SJF0401-CCB2	XDT_m1210628-035	NA	06/28/21 16:29
Instrument Blank	SJF0401-IBL5	XDT_m1210628-045	NA	06/28/21 17:32
Instrument Blank	SJF0401-IBL5	XDT_m1210628-045	NA	06/28/21 17:32
Calibration Check	SJF0401-CCV3	XDT_m1210628-046	NA	06/28/21 17:37
Calibration Check	SJF0401-CCV3	XDT_m1210628-046	NA	06/28/21 17:37
Calibration Blank	SJF0401-CCB3	XDT_m1210628-047	NA	06/28/21 17:46
Calibration Blank	SJF0401-CCB3	XDT_m1210628-047	NA	06/28/21 17:46
Instrument Blank	SJF0401-IBL6	XDT_m1210628-057	NA	06/28/21 18:38
Instrument Blank	SJF0401-IBL6	XDT_m1210628-057	NA	06/28/21 18:38
Calibration Check	SJF0401-CCV4	XDT_m1210628-058	NA	06/28/21 18:44
Calibration Check	SJF0401-CCV4	XDT_m1210628-058	NA	06/28/21 18:44
Calibration Blank	SJF0401-CCB4	XDT_m1210628-059	NA	06/28/21 18:52
Calibration Blank	SJF0401-CCB4	XDT_m1210628-059	NA	06/28/21 18:52
Calibration Check	SJF0401-CCV5	XDT_m1210628-061	NA	06/28/21 19:03
Calibration Check	SJF0401-CCV5	XDT_m1210628-061	NA	06/28/21 19:03
Calibration Blank	SJF0401-CCB5	XDT_m1210628-062	NA	06/28/21 19:10
Calibration Blank	SJF0401-CCB5	XDT_m1210628-062	NA	06/28/21 19:10
Instrument Blank	SJF0401-IBL7	XDT_m1210628-072	NA	06/28/21 20:09
Instrument Blank	SJF0401-IBL7	XDT_m1210628-072	NA	06/28/21 20:09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0401-CCV6	XDT_m1210628-073	NA	06/28/21 20:14
Calibration Check	SJF0401-CCV6	XDT_m1210628-073	NA	06/28/21 20:14
Calibration Blank	SJF0401-CCB6	XDT_m1210628-074	NA	06/28/21 20:22
Calibration Blank	SJF0401-CCB6	XDT_m1210628-074	NA	06/28/21 20:22
Instrument Blank	SJF0401-IBL8	XDT_m1210628-084	NA	06/28/21 21:16
Instrument Blank	SJF0401-IBL8	XDT_m1210628-084	NA	06/28/21 21:16
Calibration Check	SJF0401-CCV7	XDT_m1210628-085	NA	06/28/21 21:22
Calibration Check	SJF0401-CCV7	XDT_m1210628-085	NA	06/28/21 21:22
Calibration Blank	SJF0401-CCB7	XDT_m1210628-086	NA	06/28/21 21:30
Calibration Blank	SJF0401-CCB7	XDT_m1210628-086	NA	06/28/21 21:30
Instrument Blank	SJF0401-IBL9	XDT_m1210628-096	NA	06/28/21 22:24
Instrument Blank	SJF0401-IBL9	XDT_m1210628-096	NA	06/28/21 22:24
Calibration Check	SJF0401-CCV8	XDT_m1210628-097	NA	06/28/21 22:30
Calibration Check	SJF0401-CCV8	XDT_m1210628-097	NA	06/28/21 22:30
Calibration Blank	SJF0401-CCB8	XDT_m1210628-098	NA	06/28/21 22:38
Calibration Blank	SJF0401-CCB8	XDT_m1210628-098	NA	06/28/21 22:38
ZZZZZ	21F0130-43	XDT_m1210628-102	Water	06/28/21 22:58
ZZZZZ	21F0130-43	XDT_m1210628-102	Water	06/28/21 22:58
ZZZZZ	21F0130-43	XDT_m1210628-102	Water	06/28/21 22:58
Instrument Blank	SJF0401-IBLA	XDT_m1210628-103	NA	06/28/21 23:06
Instrument Blank	SJF0401-IBLA	XDT_m1210628-103	NA	06/28/21 23:06
Instrument Blank	SJF0401-IBLB	XDT_m1210628-108	NA	06/28/21 23:35
Instrument Blank	SJF0401-IBLB	XDT_m1210628-108	NA	06/28/21 23:35
Calibration Check	SJF0401-CCV9	XDT_m1210628-109	NA	06/28/21 23:41
Calibration Check	SJF0401-CCV9	XDT_m1210628-109	NA	06/28/21 23:41
Calibration Blank	SJF0401-CCB9	XDT_m1210628-110	NA	06/28/21 23:49
Calibration Blank	SJF0401-CCB9	XDT_m1210628-110	NA	06/28/21 23:49
Instrument Blank	SJF0401-IBLC	XDT_m1210628-120	NA	06/29/21 00:42
Instrument Blank	SJF0401-IBLC	XDT_m1210628-120	NA	06/29/21 00:42
Calibration Check	SJF0401-CCVA	XDT_m1210628-121	NA	06/29/21 00:48

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0401-CCVA	XDT_m1210628-121	NA	06/29/21 00:48
Calibration Blank	SJF0401-CCBA	XDT_m1210628-122	NA	06/29/21 00:55
Calibration Blank	SJF0401-CCBA	XDT_m1210628-122	NA	06/29/21 00:55
Calibration Check	SJF0401-CCVB	XDT_m1210628-124	NA	06/29/21 01:05
Calibration Check	SJF0401-CCVB	XDT_m1210628-124	NA	06/29/21 01:05
Calibration Blank	SJF0401-CCBB	XDT_m1210628-125	NA	06/29/21 01:12
Calibration Blank	SJF0401-CCBB	XDT_m1210628-125	NA	06/29/21 01:12
Calibration Check	SJF0401-CCVC	XDT_m1210628-137	NA	06/29/21 11:19
Calibration Check	SJF0401-CCVC	XDT_m1210628-137	NA	06/29/21 11:19
Calibration Blank	SJF0401-CCBC	XDT_m1210628-138	NA	06/29/21 11:26
Calibration Blank	SJF0401-CCBC	XDT_m1210628-138	NA	06/29/21 11:26
DS-16S-GW-060421	21F0123-11	XDT_m1210628-142	Water	06/29/21 12:13
DS-17I-GW-060421	21F0123-18	XDT_m1210628-144	Water	06/29/21 12:20
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	Water	06/29/21 12:24
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	Water	06/29/21 12:24
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	Water	06/29/21 12:24
DS-17I-GW-060421	BJF0654-DUP2	XDT_m1210628-145	Water	06/29/21 12:24
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	Water	06/29/21 12:29
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	Water	06/29/21 12:29
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	Water	06/29/21 12:29
DS-17I-GW-060421	BJF0654-MS2	XDT_m1210628-146	Water	06/29/21 12:29
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	Water	06/29/21 12:34
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	Water	06/29/21 12:34
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	Water	06/29/21 12:34
DS-17I-GW-060421	BJF0654-MSD2	XDT_m1210628-147	Water	06/29/21 12:34
Instrument Blank	SJF0401-IBLE	XDT_m1210628-148	NA	06/29/21 12:41
Instrument Blank	SJF0401-IBLE	XDT_m1210628-148	NA	06/29/21 12:41
Calibration Check	SJF0401-CCVD	XDT_m1210628-149	NA	06/29/21 12:46
Calibration Check	SJF0401-CCVD	XDT_m1210628-149	NA	06/29/21 12:46
Calibration Blank	SJF0401-CCBD	XDT_m1210628-150	NA	06/29/21 12:53

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0401
Instrument: ICPMS1
Calibration: EF00079

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0401-CCBD	XDT_m1210628-150	NA	06/29/21 12:53
MW-3-GW-060421	21F0123-21	XDT_m1210628-152	Water	06/29/21 13:01
Instrument Blank	SJF0401-IBLF	XDT_m1210628-154	NA	06/29/21 13:12
Instrument Blank	SJF0401-IBLF	XDT_m1210628-154	NA	06/29/21 13:12
NRC-3IR-GW-060321	21F0123-02	XDT_m1210628-155	Water	06/29/21 13:16
DS-18I-GW-060421	21F0123-15	XDT_m1210628-159	Water	06/29/21 13:33
Instrument Blank	SJF0401-IBLG	XDT_m1210628-160	NA	06/29/21 13:38
Instrument Blank	SJF0401-IBLG	XDT_m1210628-160	NA	06/29/21 13:38
Calibration Check	SJF0401-CCVE	XDT_m1210628-161	NA	06/29/21 13:43
Calibration Check	SJF0401-CCVE	XDT_m1210628-161	NA	06/29/21 13:43
Calibration Blank	SJF0401-CCBE	XDT_m1210628-162	NA	06/29/21 13:50
Calibration Blank	SJF0401-CCBE	XDT_m1210628-162	NA	06/29/21 13:50
DS-17S-GW-060421	21F0123-17	XDT_m1210628-163	Water	06/29/21 13:54
DS-17S-GW-060421	21F0123-17	XDT_m1210628-163	Water	06/29/21 13:54
DS-17S-GW-060421	21F0123-17	XDT_m1210628-163	Water	06/29/21 13:54
ZZZZZ	21F0130-43RE1	XDT_m1210628-167	Water	06/29/21 14:09
ZZZZZ	21F0245-04	XDT_m1210628-168	Solid	06/29/21 14:13
ZZZZZ	21F0245-05	XDT_m1210628-169	Solid	06/29/21 14:17
Instrument Blank	SJF0401-IBLH	XDT_m1210628-171	NA	06/29/21 14:27
Instrument Blank	SJF0401-IBLH	XDT_m1210628-171	NA	06/29/21 14:27
Calibration Check	SJF0401-CCVF	XDT_m1210628-172	NA	06/29/21 14:31
Calibration Check	SJF0401-CCVF	XDT_m1210628-172	NA	06/29/21 14:31
Calibration Blank	SJF0401-CCBF	XDT_m1210628-173	NA	06/29/21 14:38
Calibration Blank	SJF0401-CCBF	XDT_m1210628-173	NA	06/29/21 14:38

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJG0042

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EG00011

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJG0042-CAL1	XDT_m1210701-006	NA	07/01/21 14:13
CAL 1 - LOW CHECK	SJG0042-CAL2	XDT_m1210701-007	NA	07/01/21 14:17
CAL 2	SJG0042-CAL3	XDT_m1210701-008	NA	07/01/21 14:22
CAL 3	SJG0042-CAL4	XDT_m1210701-009	NA	07/01/21 14:26
CAL 4	SJG0042-CAL5	XDT_m1210701-010	NA	07/01/21 14:31
CAL 5	SJG0042-CAL6	XDT_m1210701-011	NA	07/01/21 14:37
RINSE	SJG0042-IBL1	XDT_m1210701-012	NA	07/01/21 14:45
Initial Cal Check	SJG0042-ICV1	XDT_m1210701-014	NA	07/01/21 14:50
Initial Cal Blank	SJG0042-ICB1	XDT_m1210701-015	NA	07/01/21 14:57
Calibration Check	SJG0042-CCV1	XDT_m1210701-016	NA	07/01/21 15:02
Calibration Blank	SJG0042-CCB1	XDT_m1210701-017	NA	07/01/21 15:09
Instrument RL Check	SJG0042-CRL1	XDT_m1210701-018	NA	07/01/21 15:13
Interference Check A	SJG0042-IFA1	XDT_m1210701-019	NA	07/01/21 15:18
Interference Check B	SJG0042-IFB1	XDT_m1210701-020	NA	07/01/21 15:22
LR200	SJG0042-HCV1	XDT_m1210701-021	NA	07/01/21 15:26
LR300	SJG0042-HCV2	XDT_m1210701-022	NA	07/01/21 15:31
Instrument Blank	SJG0042-IBL2	XDT_m1210701-023	NA	07/01/21 15:38
Calibration Check	SJG0042-CCV2	XDT_m1210701-024	NA	07/01/21 15:44
Calibration Blank	SJG0042-CCB2	XDT_m1210701-025	NA	07/01/21 15:51
Instrument Blank	SJG0042-IBL3	XDT_m1210701-033	NA	07/01/21 16:36
Calibration Check	SJG0042-CCV3	XDT_m1210701-035	NA	07/01/21 16:48
Calibration Blank	SJG0042-CCB3	XDT_m1210701-036	NA	07/01/21 16:55
ZZZZZ	21F0223-03	XDT_m1210701-039	Water	07/01/21 17:10
ZZZZZ	21F0223-03	XDT_m1210701-039	Water	07/01/21 17:10
ZZZZZ	21F0223-03	XDT_m1210701-039	Water	07/01/21 17:10
ZZZZZ	21F0223-03	XDT_m1210701-039	Water	07/01/21 17:10
ZZZZZ	21F0223-03	XDT_m1210701-039	Water	07/01/21 17:10
ZZZZZ	21F0223-03	XDT_m1210701-039	Water	07/01/21 17:10
ZZZZZ	21F0223-02	XDT_m1210701-040	Water	07/01/21 17:16
ZZZZZ	21F0223-02	XDT_m1210701-040	Water	07/01/21 17:16

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0042
Instrument: ICPMS1
Calibration: EG00011

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0223-02	XDT_m1210701-040	Water	07/01/21 17:16
ZZZZZ	21F0223-02	XDT_m1210701-040	Water	07/01/21 17:16
ZZZZZ	21F0223-02	XDT_m1210701-040	Water	07/01/21 17:16
ZZZZZ	21F0223-02	XDT_m1210701-040	Water	07/01/21 17:16
ZZZZZ	21F0223-01	XDT_m1210701-041	Water	07/01/21 17:22
ZZZZZ	21F0223-01	XDT_m1210701-041	Water	07/01/21 17:22
ZZZZZ	21F0223-01	XDT_m1210701-041	Water	07/01/21 17:22
ZZZZZ	21F0223-01	XDT_m1210701-041	Water	07/01/21 17:22
ZZZZZ	21F0223-01	XDT_m1210701-041	Water	07/01/21 17:22
ZZZZZ	21F0223-01	XDT_m1210701-041	Water	07/01/21 17:22
Calibration Check	SJG0042-CCV4	XDT_m1210701-047	NA	07/01/21 18:03
Calibration Blank	SJG0042-CCB4	XDT_m1210701-048	NA	07/01/21 18:10
ZZZZZ	21F0265-12	XDT_m1210701-053	Solid	07/01/21 18:39
Instrument Blank	SJG0042-IBL4	XDT_m1210701-054	NA	07/01/21 18:43
Calibration Check	SJG0042-CCV5	XDT_m1210701-055	NA	07/01/21 18:48
Calibration Blank	SJG0042-CCB5	XDT_m1210701-056	NA	07/01/21 18:55
Calibration Check	SJG0042-CCV6	XDT_m1210701-058	NA	07/01/21 19:04
Calibration Blank	SJG0042-CCB6	XDT_m1210701-059	NA	07/01/21 19:11
Calibration Check	SJG0042-CCV7	XDT_m1210701-070	NA	07/01/21 19:57
Calibration Blank	SJG0042-CCB7	XDT_m1210701-071	NA	07/01/21 20:03
Instrument Blank	SJG0042-IBL5	XDT_m1210701-081	NA	07/01/21 20:42
Calibration Check	SJG0042-CCV8	XDT_m1210701-082	NA	07/01/21 20:46
Calibration Blank	SJG0042-CCB8	XDT_m1210701-083	NA	07/01/21 20:52
ZZZZZ	21F0277-01	XDT_m1210701-087	Solid	07/01/21 21:07
ZZZZZ	21F0277-03	XDT_m1210701-088	Solid	07/01/21 21:11
Instrument Blank	SJG0042-IBL6	XDT_m1210701-093	NA	07/01/21 21:33
Calibration Check	SJG0042-CCV9	XDT_m1210701-094	NA	07/01/21 21:37
Calibration Blank	SJG0042-CCB9	XDT_m1210701-095	NA	07/01/21 21:43
Instrument Blank	SJG0042-IBL7	XDT_m1210701-105	NA	07/01/21 22:24
Calibration Check	SJG0042-CCVA	XDT_m1210701-106	NA	07/01/21 22:28

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0042
Instrument: ICPMS1
Calibration: EG00011

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJG0042-CCBA	XDT_m1210701-107	NA	07/01/21 22:35
Calibration Check	SJG0042-CCVB	XDT_m1210701-109	NA	07/01/21 22:42
Calibration Blank	SJG0042-CCBB	XDT_m1210701-110	NA	07/01/21 22:48
Blank	BJF0795-BLK1	XDT_m1210701-111	Water	07/01/21 22:52
LCS	BJF0795-BS1	XDT_m1210701-112	Water	07/01/21 22:56
LCS Dup	BJF0795-BSD1	XDT_m1210701-113	Water	07/01/21 23:00
FieldBlank-1-GW-060421	21F0123-20RE1	XDT_m1210701-114	Water	07/01/21 23:03
ZZZZZ	21F0130-40RE1	XDT_m1210701-115	Water	07/01/21 23:07
Calibration Check	SJG0042-CCVC	XDT_m1210701-121	NA	07/01/21 23:34
Calibration Blank	SJG0042-CCBC	XDT_m1210701-122	NA	07/01/21 23:40
RC-6-SW-060521	21F0123-36RE1	XDT_m1210701-129	Water	07/02/21 00:10
RC-1-SW-060521	21F0123-41RE1	XDT_m1210701-130	Water	07/02/21 00:14
NRC-3DR-GW-060321	21F0123-42RE1	XDT_m1210701-131	Water	07/02/21 00:18
Instrument Blank	SJG0042-IBL8	XDT_m1210701-132	NA	07/02/21 00:25
Calibration Check	SJG0042-CCVD	XDT_m1210701-133	NA	07/02/21 00:29
Calibration Blank	SJG0042-CCBD	XDT_m1210701-134	NA	07/02/21 00:35
ZZZZZ	21F0130-08RE1	XDT_m1210701-135	Water	07/02/21 00:38
ZZZZZ	21F0130-12RE1	XDT_m1210701-136	Water	07/02/21 00:41
ZZZZZ	21F0130-23RE1	XDT_m1210701-137	Water	07/02/21 00:44
ZZZZZ	21F0130-25RE1	XDT_m1210701-138	Water	07/02/21 00:47
ZZZZZ	21F0130-27RE1	XDT_m1210701-139	Water	07/02/21 00:51
ZZZZZ	21F0130-31RE1	XDT_m1210701-140	Water	07/02/21 00:53
NRC-103DR-GW-060321	21F0123-05RE1	XDT_m1210701-141	Water	07/02/21 00:57
NRC-103DR-GW-060321	BJF0795-DUP1	XDT_m1210701-142	Water	07/02/21 01:01
NRC-103DR-GW-060321	BJF0795-MS1	XDT_m1210701-143	Water	07/02/21 01:06
Instrument Blank	SJG0042-IBL9	XDT_m1210701-144	NA	07/02/21 01:13
Calibration Check	SJG0042-CCVE	XDT_m1210701-145	NA	07/02/21 01:18
Calibration Blank	SJG0042-CCBE	XDT_m1210701-146	NA	07/02/21 01:24

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJG0173

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJG0173-CAL1	XDT_m1210712-055	NA	07/12/21 18:00
CAL 1 - LOW CHECK	SJG0173-CAL2	XDT_m1210712-056	NA	07/12/21 18:04
CAL 2	SJG0173-CAL3	XDT_m1210712-057	NA	07/12/21 18:09
CAL 3	SJG0173-CAL4	XDT_m1210712-058	NA	07/12/21 18:13
CAL 4	SJG0173-CAL5	XDT_m1210712-059	NA	07/12/21 18:18
CAL 5	SJG0173-CAL6	XDT_m1210712-060	NA	07/12/21 18:25
RINSE	SJG0173-IBL1	XDT_m1210712-061	NA	07/12/21 18:32
Initial Cal Check	SJG0173-ICV1	XDT_m1210712-063	NA	07/12/21 18:38
Initial Cal Blank	SJG0173-ICB1	XDT_m1210712-064	NA	07/12/21 18:45
Calibration Check	SJG0173-CCV1	XDT_m1210712-065	NA	07/12/21 18:51
Calibration Blank	SJG0173-CCB1	XDT_m1210712-066	NA	07/12/21 18:58
Instrument RL Check	SJG0173-CRL1	XDT_m1210712-067	NA	07/12/21 19:12
Interference Check A	SJG0173-IFA1	XDT_m1210712-068	NA	07/12/21 19:16
Interference Check B	SJG0173-IFB1	XDT_m1210712-069	NA	07/12/21 19:21
LR200	SJG0173-HCV1	XDT_m1210712-070	NA	07/12/21 19:26
LR300	SJG0173-HCV2	XDT_m1210712-071	NA	07/12/21 19:30
Instrument Blank	SJG0173-IBL2	XDT_m1210712-072	NA	07/12/21 19:37
Instrument Blank	SJG0173-IBL3	XDT_m1210712-073	NA	07/12/21 19:47
Calibration Check	SJG0173-CCV2	XDT_m1210712-074	NA	07/12/21 19:53
Calibration Blank	SJG0173-CCB2	XDT_m1210712-076	NA	07/12/21 20:10
Calibration Check	SJG0173-CCV3	XDT_m1210712-078	NA	07/12/21 20:21
Calibration Blank	SJG0173-CCB3	XDT_m1210712-079	NA	07/12/21 20:28
ZZZZZ	BJG0193-BLK1	XDT_m1210712-080	Solid	07/12/21 20:34
ZZZZZ	BJG0193-BS1	XDT_m1210712-081	Solid	07/12/21 20:38
ZZZZZ	BJG0251-BLK1	XDT_m1210712-082	Water	07/12/21 20:44
ZZZZZ	BJG0251-BS1	XDT_m1210712-083	Water	07/12/21 20:48
ZZZZZ	21F0432-01	XDT_m1210712-085	Solid	07/12/21 21:01
ZZZZZ	21F0432-01	XDT_m1210712-085	Solid	07/12/21 21:01
ZZZZZ	21F0432-01	XDT_m1210712-085	Solid	07/12/21 21:01
ZZZZZ	21F0432-01	XDT_m1210712-085	Solid	07/12/21 21:01

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0173
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0432-01	XDT_m1210712-085	Solid	07/12/21 21:01
ZZZZZ	21F0432-01	XDT_m1210712-085	Solid	07/12/21 21:01
Calibration Check	SJG0173-CCV4	XDT_m1210712-090	NA	07/12/21 21:27
Calibration Blank	SJG0173-CCB4	XDT_m1210712-091	NA	07/12/21 21:35
ZZZZZ	21F0407-01	XDT_m1210712-097	Water	07/12/21 22:12
ZZZZZ	21F0407-01	XDT_m1210712-097	Water	07/12/21 22:12
ZZZZZ	21F0407-01	XDT_m1210712-097	Water	07/12/21 22:12
ZZZZZ	21F0407-01	XDT_m1210712-097	Water	07/12/21 22:12
ZZZZZ	21F0407-01	XDT_m1210712-097	Water	07/12/21 22:12
Instrument Blank	SJG0173-IBL4	XDT_m1210712-101	NA	07/12/21 22:33
Calibration Check	SJG0173-CCV5	XDT_m1210712-102	NA	07/12/21 22:38
Calibration Blank	SJG0173-CCB5	XDT_m1210712-103	NA	07/12/21 22:45
ZZZZZ	BJG0193-SRM1	XDT_m1210712-112	Solid	07/12/21 23:38
Instrument Blank	SJG0173-IBL5	XDT_m1210712-113	NA	07/12/21 23:42
Calibration Check	SJG0173-CCV6	XDT_m1210712-114	NA	07/12/21 23:48
Calibration Blank	SJG0173-CCB6	XDT_m1210712-115	NA	07/12/21 23:55
Calibration Check	SJG0173-CCV7	XDT_m1210712-117	NA	07/13/21 00:04
Calibration Blank	SJG0173-CCB7	XDT_m1210712-118	NA	07/13/21 00:11
Instrument Blank	SJG0173-IBL6	XDT_m1210712-125	NA	07/13/21 00:42
Instrument Blank	SJG0173-IBL7	XDT_m1210712-128	NA	07/13/21 00:58
Calibration Check	SJG0173-CCV8	XDT_m1210712-129	NA	07/13/21 01:02
Calibration Blank	SJG0173-CCB8	XDT_m1210712-130	NA	07/13/21 01:09
ZZZZZ	21F0392-01	XDT_m1210712-131	Solid	07/13/21 01:13
ZZZZZ	21F0392-01	XDT_m1210712-131	Solid	07/13/21 01:13
ZZZZZ	21F0392-01	XDT_m1210712-131	Solid	07/13/21 01:13
ZZZZZ	21F0392-01	XDT_m1210712-131	Solid	07/13/21 01:13
ZZZZZ	21F0392-02	XDT_m1210712-132	Solid	07/13/21 01:17
ZZZZZ	21F0392-02	XDT_m1210712-132	Solid	07/13/21 01:17
ZZZZZ	21F0392-02	XDT_m1210712-132	Solid	07/13/21 01:17
ZZZZZ	21F0392-02	XDT_m1210712-132	Solid	07/13/21 01:17

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0173
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0392-03	XDT_m1210712-133	Solid	07/13/21 01:21
ZZZZZ	21F0392-03	XDT_m1210712-133	Solid	07/13/21 01:21
ZZZZZ	21F0392-03	XDT_m1210712-133	Solid	07/13/21 01:21
ZZZZZ	21F0392-03	XDT_m1210712-133	Solid	07/13/21 01:21
ZZZZZ	21F0392-04	XDT_m1210712-134	Solid	07/13/21 01:25
ZZZZZ	21F0392-04	XDT_m1210712-134	Solid	07/13/21 01:25
ZZZZZ	21F0392-04	XDT_m1210712-134	Solid	07/13/21 01:25
ZZZZZ	21F0392-04	XDT_m1210712-134	Solid	07/13/21 01:25
ZZZZZ	21F0392-05	XDT_m1210712-135	Solid	07/13/21 01:29
ZZZZZ	21F0392-05	XDT_m1210712-135	Solid	07/13/21 01:29
ZZZZZ	21F0392-05	XDT_m1210712-135	Solid	07/13/21 01:29
ZZZZZ	21F0392-05	XDT_m1210712-135	Solid	07/13/21 01:29
ZZZZZ	21F0392-06	XDT_m1210712-136	Solid	07/13/21 01:33
ZZZZZ	21F0392-06	XDT_m1210712-136	Solid	07/13/21 01:33
ZZZZZ	21F0392-06	XDT_m1210712-136	Solid	07/13/21 01:33
ZZZZZ	21F0392-06	XDT_m1210712-136	Solid	07/13/21 01:33
ZZZZZ	21F0392-13	XDT_m1210712-137	Solid	07/13/21 01:37
ZZZZZ	21F0392-13	XDT_m1210712-137	Solid	07/13/21 01:37
ZZZZZ	21F0392-13	XDT_m1210712-137	Solid	07/13/21 01:37
ZZZZZ	21F0392-13	XDT_m1210712-137	Solid	07/13/21 01:37
ZZZZZ	21F0392-14	XDT_m1210712-138	Solid	07/13/21 01:41
ZZZZZ	21F0392-14	XDT_m1210712-138	Solid	07/13/21 01:41
ZZZZZ	21F0392-14	XDT_m1210712-138	Solid	07/13/21 01:41
ZZZZZ	21F0392-14	XDT_m1210712-138	Solid	07/13/21 01:41
ZZZZZ	21F0392-15	XDT_m1210712-139	Solid	07/13/21 01:45
ZZZZZ	21F0392-15	XDT_m1210712-139	Solid	07/13/21 01:45
ZZZZZ	21F0392-15	XDT_m1210712-139	Solid	07/13/21 01:45
ZZZZZ	21F0392-15	XDT_m1210712-139	Solid	07/13/21 01:45
ZZZZZ	21F0392-16	XDT_m1210712-140	Solid	07/13/21 01:51
ZZZZZ	21F0392-16	XDT_m1210712-140	Solid	07/13/21 01:51

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0173
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0392-16	XDT_m1210712-140	Solid	07/13/21 01:51
ZZZZZ	21F0392-16	XDT_m1210712-140	Solid	07/13/21 01:51
Calibration Check	SJG0173-CCV9	XDT_m1210712-141	NA	07/13/21 01:58
Calibration Blank	SJG0173-CCB9	XDT_m1210712-142	NA	07/13/21 02:05
ZZZZZ	BJG0195-BLK1	XDT_m1210712-143	Solid	07/13/21 02:09
ZZZZZ	21F0392-17	XDT_m1210712-145	Solid	07/13/21 02:17
ZZZZZ	21F0392-17	XDT_m1210712-145	Solid	07/13/21 02:17
ZZZZZ	21F0392-17	XDT_m1210712-145	Solid	07/13/21 02:17
ZZZZZ	21F0392-17	XDT_m1210712-145	Solid	07/13/21 02:17
ZZZZZ	21F0392-18	XDT_m1210712-146	Solid	07/13/21 02:21
ZZZZZ	21F0392-18	XDT_m1210712-146	Solid	07/13/21 02:21
ZZZZZ	21F0392-18	XDT_m1210712-146	Solid	07/13/21 02:21
ZZZZZ	21F0392-18	XDT_m1210712-146	Solid	07/13/21 02:21
ZZZZZ	21F0371-08	XDT_m1210712-147	Solid	07/13/21 02:25
ZZZZZ	21F0371-08	XDT_m1210712-147	Solid	07/13/21 02:25
ZZZZZ	21F0371-08	XDT_m1210712-147	Solid	07/13/21 02:25
ZZZZZ	21F0371-08	XDT_m1210712-147	Solid	07/13/21 02:25
ZZZZZ	21F0371-08	XDT_m1210712-147	Solid	07/13/21 02:25
ZZZZZ	BJG0195-SRM1	XDT_m1210712-151	Solid	07/13/21 02:42
Instrument Blank	SJG0173-IBL8	XDT_m1210712-152	NA	07/13/21 02:47
Calibration Check	SJG0173-CCVA	XDT_m1210712-153	NA	07/13/21 02:52
Calibration Blank	SJG0173-CCBA	XDT_m1210712-154	NA	07/13/21 02:58
ZZZZZ	21F0371-01	XDT_m1210712-155	Solid	07/13/21 03:02
ZZZZZ	21F0371-01	XDT_m1210712-155	Solid	07/13/21 03:02
ZZZZZ	21F0371-01	XDT_m1210712-155	Solid	07/13/21 03:02
ZZZZZ	21F0371-01	XDT_m1210712-155	Solid	07/13/21 03:02
ZZZZZ	21F0371-01	XDT_m1210712-155	Solid	07/13/21 03:02
ZZZZZ	21F0371-02	XDT_m1210712-156	Solid	07/13/21 03:06
ZZZZZ	21F0371-02	XDT_m1210712-156	Solid	07/13/21 03:06
ZZZZZ	21F0371-02	XDT_m1210712-156	Solid	07/13/21 03:06

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0173
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0371-02	XDT_m1210712-156	Solid	07/13/21 03:06
ZZZZZ	21F0371-02	XDT_m1210712-156	Solid	07/13/21 03:06
ZZZZZ	21F0371-03	XDT_m1210712-157	Solid	07/13/21 03:10
ZZZZZ	21F0371-03	XDT_m1210712-157	Solid	07/13/21 03:10
ZZZZZ	21F0371-03	XDT_m1210712-157	Solid	07/13/21 03:10
ZZZZZ	21F0371-03	XDT_m1210712-157	Solid	07/13/21 03:10
ZZZZZ	21F0371-03	XDT_m1210712-157	Solid	07/13/21 03:10
ZZZZZ	21F0371-04	XDT_m1210712-158	Solid	07/13/21 03:14
ZZZZZ	21F0371-04	XDT_m1210712-158	Solid	07/13/21 03:14
ZZZZZ	21F0371-04	XDT_m1210712-158	Solid	07/13/21 03:14
ZZZZZ	21F0371-04	XDT_m1210712-158	Solid	07/13/21 03:14
ZZZZZ	21F0371-04	XDT_m1210712-158	Solid	07/13/21 03:14
ZZZZZ	21F0371-05	XDT_m1210712-159	Solid	07/13/21 03:18
ZZZZZ	21F0371-05	XDT_m1210712-159	Solid	07/13/21 03:18
ZZZZZ	21F0371-05	XDT_m1210712-159	Solid	07/13/21 03:18
ZZZZZ	21F0371-05	XDT_m1210712-159	Solid	07/13/21 03:18
ZZZZZ	21F0371-05	XDT_m1210712-159	Solid	07/13/21 03:18
ZZZZZ	21F0371-06	XDT_m1210712-160	Solid	07/13/21 03:22
ZZZZZ	21F0371-06	XDT_m1210712-160	Solid	07/13/21 03:22
ZZZZZ	21F0371-06	XDT_m1210712-160	Solid	07/13/21 03:22
ZZZZZ	21F0371-06	XDT_m1210712-160	Solid	07/13/21 03:22
ZZZZZ	21F0371-06	XDT_m1210712-160	Solid	07/13/21 03:22
ZZZZZ	21F0371-07	XDT_m1210712-161	Solid	07/13/21 03:26
ZZZZZ	21F0371-07	XDT_m1210712-161	Solid	07/13/21 03:26
ZZZZZ	21F0371-07	XDT_m1210712-161	Solid	07/13/21 03:26
ZZZZZ	21F0371-07	XDT_m1210712-161	Solid	07/13/21 03:26
ZZZZZ	21F0371-07	XDT_m1210712-161	Solid	07/13/21 03:26
ZZZZZ	21F0371-09	XDT_m1210712-162	Solid	07/13/21 03:30
ZZZZZ	21F0371-09	XDT_m1210712-162	Solid	07/13/21 03:30
ZZZZZ	21F0371-09	XDT_m1210712-162	Solid	07/13/21 03:30

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0173
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0371-09	XDT_m1210712-162	Solid	07/13/21 03:30
ZZZZZ	21F0371-09	XDT_m1210712-162	Solid	07/13/21 03:30
ZZZZZ	21F0371-10	XDT_m1210712-163	Solid	07/13/21 03:35
ZZZZZ	21F0371-10	XDT_m1210712-163	Solid	07/13/21 03:35
ZZZZZ	21F0371-10	XDT_m1210712-163	Solid	07/13/21 03:35
ZZZZZ	21F0371-10	XDT_m1210712-163	Solid	07/13/21 03:35
ZZZZZ	21F0371-10	XDT_m1210712-163	Solid	07/13/21 03:35
ZZZZZ	21F0371-11	XDT_m1210712-164	Solid	07/13/21 03:40
ZZZZZ	21F0371-11	XDT_m1210712-164	Solid	07/13/21 03:40
ZZZZZ	21F0371-11	XDT_m1210712-164	Solid	07/13/21 03:40
ZZZZZ	21F0371-11	XDT_m1210712-164	Solid	07/13/21 03:40
ZZZZZ	21F0371-11	XDT_m1210712-164	Solid	07/13/21 03:40
Calibration Check	SJG0173-CCVB	XDT_m1210712-165	NA	07/13/21 03:48
Calibration Blank	SJG0173-CCBB	XDT_m1210712-166	NA	07/13/21 03:54
Calibration Check	SJG0173-CCVC	XDT_m1210712-168	NA	07/13/21 04:03
Calibration Blank	SJG0173-CCBC	XDT_m1210712-169	NA	07/13/21 04:09
ZZZZZ	BJG0244-BLK1	XDT_m1210712-170	Solid	07/13/21 04:13
ZZZZZ	21F0371-12	XDT_m1210712-172	Solid	07/13/21 04:21
ZZZZZ	21F0371-12	XDT_m1210712-172	Solid	07/13/21 04:21
ZZZZZ	21F0371-12	XDT_m1210712-172	Solid	07/13/21 04:21
ZZZZZ	21F0371-12	XDT_m1210712-172	Solid	07/13/21 04:21
ZZZZZ	21F0371-12	XDT_m1210712-172	Solid	07/13/21 04:21
ZZZZZ	21F0371-13	XDT_m1210712-173	Solid	07/13/21 04:25
ZZZZZ	21F0371-13	XDT_m1210712-173	Solid	07/13/21 04:25
ZZZZZ	21F0371-13	XDT_m1210712-173	Solid	07/13/21 04:25
ZZZZZ	21F0371-13	XDT_m1210712-173	Solid	07/13/21 04:25
ZZZZZ	21F0371-13	XDT_m1210712-173	Solid	07/13/21 04:25
ZZZZZ	21F0371-14	XDT_m1210712-174	Solid	07/13/21 04:29
ZZZZZ	21F0371-14	XDT_m1210712-174	Solid	07/13/21 04:29
ZZZZZ	21F0371-14	XDT_m1210712-174	Solid	07/13/21 04:29

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0173
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0371-14	XDT_m1210712-174	Solid	07/13/21 04:29
ZZZZZ	21F0371-14	XDT_m1210712-174	Solid	07/13/21 04:29
ZZZZZ	21F0371-15	XDT_m1210712-175	Solid	07/13/21 04:33
ZZZZZ	21F0371-15	XDT_m1210712-175	Solid	07/13/21 04:33
ZZZZZ	21F0371-15	XDT_m1210712-175	Solid	07/13/21 04:33
ZZZZZ	21F0371-15	XDT_m1210712-175	Solid	07/13/21 04:33
ZZZZZ	21F0371-15	XDT_m1210712-175	Solid	07/13/21 04:33
ZZZZZ	21F0371-16	XDT_m1210712-176	Solid	07/13/21 04:37
ZZZZZ	21F0371-16	XDT_m1210712-176	Solid	07/13/21 04:37
ZZZZZ	21F0371-16	XDT_m1210712-176	Solid	07/13/21 04:37
ZZZZZ	21F0371-16	XDT_m1210712-176	Solid	07/13/21 04:37
ZZZZZ	21F0371-16	XDT_m1210712-176	Solid	07/13/21 04:37
ZZZZZ	21F0407-02	XDT_m1210712-177	Solid	07/13/21 04:41
ZZZZZ	21F0407-02	XDT_m1210712-177	Solid	07/13/21 04:41
ZZZZZ	21F0407-02	XDT_m1210712-177	Solid	07/13/21 04:41
ZZZZZ	21F0407-02	XDT_m1210712-177	Solid	07/13/21 04:41
ZZZZZ	21F0407-02	XDT_m1210712-177	Solid	07/13/21 04:41
ZZZZZ	21F0386-02	XDT_m1210712-178	Solid	07/13/21 04:46
ZZZZZ	21F0386-02	XDT_m1210712-178	Solid	07/13/21 04:46
ZZZZZ	21F0386-02	XDT_m1210712-178	Solid	07/13/21 04:46
ZZZZZ	21F0386-02	XDT_m1210712-178	Solid	07/13/21 04:46
ZZZZZ	21F0386-02	XDT_m1210712-178	Solid	07/13/21 04:46
ZZZZZ	21F0386-03	XDT_m1210712-179	Solid	07/13/21 04:51
ZZZZZ	21F0386-03	XDT_m1210712-179	Solid	07/13/21 04:51
ZZZZZ	21F0386-03	XDT_m1210712-179	Solid	07/13/21 04:51
ZZZZZ	21F0386-03	XDT_m1210712-179	Solid	07/13/21 04:51
ZZZZZ	21F0386-03	XDT_m1210712-179	Solid	07/13/21 04:51
Calibration Check	SJG0173-CCVD	XDT_m1210712-180	NA	07/13/21 04:59
Calibration Blank	SJG0173-CCBD	XDT_m1210712-181	NA	07/13/21 05:05
ZZZZZ	21F0386-04	XDT_m1210712-182	Solid	07/13/21 05:09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0173
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0386-04	XDT_m1210712-182	Solid	07/13/21 05:09
ZZZZZ	21F0386-04	XDT_m1210712-182	Solid	07/13/21 05:09
ZZZZZ	21F0386-04	XDT_m1210712-182	Solid	07/13/21 05:09
ZZZZZ	21F0386-04	XDT_m1210712-182	Solid	07/13/21 05:09
ZZZZZ	21F0386-05	XDT_m1210712-183	Solid	07/13/21 05:13
ZZZZZ	21F0386-05	XDT_m1210712-183	Solid	07/13/21 05:13
ZZZZZ	21F0386-05	XDT_m1210712-183	Solid	07/13/21 05:13
ZZZZZ	21F0386-05	XDT_m1210712-183	Solid	07/13/21 05:13
ZZZZZ	21F0386-05	XDT_m1210712-183	Solid	07/13/21 05:13
ZZZZZ	21F0386-06	XDT_m1210712-184	Solid	07/13/21 05:17
ZZZZZ	21F0386-06	XDT_m1210712-184	Solid	07/13/21 05:17
ZZZZZ	21F0386-06	XDT_m1210712-184	Solid	07/13/21 05:17
ZZZZZ	21F0386-06	XDT_m1210712-184	Solid	07/13/21 05:17
ZZZZZ	21F0386-06	XDT_m1210712-184	Solid	07/13/21 05:17
ZZZZZ	21F0386-01	XDT_m1210712-185	Solid	07/13/21 05:21
ZZZZZ	21F0386-01	XDT_m1210712-185	Solid	07/13/21 05:21
ZZZZZ	21F0386-01	XDT_m1210712-185	Solid	07/13/21 05:21
ZZZZZ	21F0386-01	XDT_m1210712-185	Solid	07/13/21 05:21
ZZZZZ	21F0386-01	XDT_m1210712-185	Solid	07/13/21 05:21
ZZZZZ	BJG0244-SRM1	XDT_m1210712-189	Solid	07/13/21 05:38
Instrument Blank	SJG0173-IBL9	XDT_m1210712-190	NA	07/13/21 05:44
Calibration Check	SJG0173-CCVE	XDT_m1210712-191	NA	07/13/21 05:48
Calibration Blank	SJG0173-CCBE	XDT_m1210712-192	NA	07/13/21 05:55
Blank	BJG0055-BLK1	XDT_m1210712-193	Water	07/13/21 05:59
LCS	BJG0055-BS1	XDT_m1210712-194	Water	07/13/21 06:03
LCS Dup	BJG0055-BSD1	XDT_m1210712-195	Water	07/13/21 06:07
NRC-3DR-GW-060321	21F0123-03RE1	XDT_m1210712-196	Water	07/13/21 06:11
NRC-103DR-GW-060321	21F0123-04RE1	XDT_m1210712-197	Water	07/13/21 06:15
NRC-103SR-GW-060321	21F0123-06RE1	XDT_m1210712-198	Water	07/13/21 06:19
NRC-3SR-GW-060321	21F0123-01RE1	XDT_m1210712-199	Water	07/13/21 06:23

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0173
Instrument: ICPMS1
Calibration: EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-3SR-GW-060321	BJG0055-DUP1	XDT_m1210712-200	Water	07/13/21 06:27
NRC-3SR-GW-060321	BJG0055-MS1	XDT_m1210712-201	Water	07/13/21 06:33
Instrument Blank	SJG0173-IBLA	XDT_m1210712-202	NA	07/13/21 06:40
Calibration Check	SJG0173-CCVF	XDT_m1210712-203	NA	07/13/21 06:45
Calibration Blank	SJG0173-CCBF	XDT_m1210712-204	NA	07/13/21 06:51
DS-16D-GW-060421	21F0123-10RE1	XDT_m1210712-205	Water	07/13/21 06:55
DS-15I-GW-060421	21F0123-13RE1	XDT_m1210712-206	Water	07/13/21 06:59
DS-18D-GW-060421	21F0123-16RE1	XDT_m1210712-207	Water	07/13/21 07:03
FieldBlank-1-GW-060421	21F0123-19RE1	XDT_m1210712-208	Water	07/13/21 07:07
SG-7R-WP-060421	21F0123-22RE1	XDT_m1210712-209	Water	07/13/21 07:12
HBKG-2-GW-060421	21F0123-29RE1	XDT_m1210712-210	Water	07/13/21 07:16
US-1S-GW-060421	21F0123-30RE1	XDT_m1210712-211	Water	07/13/21 07:20
US-1I-GW-060421	21F0123-31RE1	XDT_m1210712-212	Water	07/13/21 07:24
US-1D-GW-060421	21F0123-32RE1	XDT_m1210712-213	Water	07/13/21 07:29
Instrument Blank	SJG0173-IBLB	XDT_m1210712-214	NA	07/13/21 07:37
Calibration Check	SJG0173-CCVG	XDT_m1210712-215	NA	07/13/21 07:41
Calibration Blank	SJG0173-CCBG	XDT_m1210712-216	NA	07/13/21 07:48
Calibration Check	SJG0173-CCVH	XDT_m1210712-218	NA	07/13/21 07:56
Calibration Blank	SJG0173-CCBH	XDT_m1210712-219	NA	07/13/21 08:03
RC-6-SW-060521	21F0123-35RE1	XDT_m1210712-223	Water	07/13/21 08:19
RC-6-PW-6-060521	21F0123-37RE1	XDT_m1210712-224	Water	07/13/21 08:23
RC-6-WP-36-060521	21F0123-39RE1	XDT_m1210712-226	Water	07/13/21 08:31
RC-1-SW-060521	21F0123-40RE1	XDT_m1210712-227	Water	07/13/21 08:35
ZZZZZ	21F0196-07RE1	XDT_m1210712-228	Water	07/13/21 08:41
Instrument Blank	SJG0173-IBLC	XDT_m1210712-229	NA	07/13/21 08:48
Calibration Check	SJG0173-CCVI	XDT_m1210712-230	NA	07/13/21 08:53
Calibration Blank	SJG0173-CCBI	XDT_m1210712-231	NA	07/13/21 08:59
ZZZZZ	BJG0208-BLK1	XDT_m1210712-232	Water	07/13/21 09:03
ZZZZZ	BJG0208-BS1	XDT_m1210712-233	Water	07/13/21 09:07
ZZZZZ	BJG0208-BSD1	XDT_m1210712-234	Water	07/13/21 09:11

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJG0173	Instrument:	ICPMS1
		Calibration:	EG00039

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-02RE1	XDT_m1210712-235	Water	07/13/21 09:15
ZZZZZ	21F0130-06RE1	XDT_m1210712-236	Water	07/13/21 09:19
ZZZZZ	21F0196-18RE1	XDT_m1210712-237	Water	07/13/21 09:24
ZZZZZ	21F0196-20RE1	XDT_m1210712-238	Water	07/13/21 09:28
Instrument Blank	SJG0173-IBLD	XDT_m1210712-241	NA	07/13/21 09:45
Calibration Check	SJG0173-CCVJ	XDT_m1210712-242	NA	07/13/21 09:49
Calibration Blank	SJG0173-CCBJ	XDT_m1210712-243	NA	07/13/21 09:56
ZZZZZ	21F0130-07RE1	XDT_m1210712-244	Water	07/13/21 10:00
ZZZZZ	21F0130-10RE1	XDT_m1210712-245	Water	07/13/21 10:04
ZZZZZ	21F0130-11RE1	XDT_m1210712-246	Water	07/13/21 10:08
ZZZZZ	21F0130-13RE1	XDT_m1210712-247	Water	07/13/21 10:12
ZZZZZ	21F0130-16RE1	XDT_m1210712-248	Water	07/13/21 10:16
ZZZZZ	21F0130-01RE1	XDT_m1210712-249	Water	07/13/21 10:20
Instrument Blank	SJG0173-IBLE	XDT_m1210712-252	NA	07/13/21 10:38
Calibration Check	SJG0173-CCVK	XDT_m1210712-253	NA	07/13/21 10:42
Calibration Blank	SJG0173-CCBK	XDT_m1210712-254	NA	07/13/21 10:49

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJG0200-CAL1	XDT_m1210715-006	NA	07/15/21 14:19
CAL 1 - LOW CHECK	SJG0200-CAL2	XDT_m1210715-007	NA	07/15/21 14:23
CAL 2	SJG0200-CAL3	XDT_m1210715-008	NA	07/15/21 14:27
CAL 3	SJG0200-CAL4	XDT_m1210715-009	NA	07/15/21 14:32
CAL 4	SJG0200-CAL5	XDT_m1210715-010	NA	07/15/21 14:36
CAL 5	SJG0200-CAL6	XDT_m1210715-011	NA	07/15/21 14:42
RINSE	SJG0200-IBL1	XDT_m1210715-012	NA	07/15/21 14:49
Initial Cal Check	SJG0200-ICV1	XDT_m1210715-014	NA	07/15/21 14:59
Initial Cal Blank	SJG0200-ICB1	XDT_m1210715-015	NA	07/15/21 15:06
Calibration Check	SJG0200-CCV1	XDT_m1210715-016	NA	07/15/21 15:11
Calibration Blank	SJG0200-CCB1	XDT_m1210715-017	NA	07/15/21 15:18
Instrument RL Check	SJG0200-CRL1	XDT_m1210715-018	NA	07/15/21 15:23
Interference Check A	SJG0200-IFA1	XDT_m1210715-019	NA	07/15/21 15:29
Interference Check B	SJG0200-IFB1	XDT_m1210715-020	NA	07/15/21 15:33
LR200	SJG0200-HCV1	XDT_m1210715-021	NA	07/15/21 15:37
LR300	SJG0200-HCV2	XDT_m1210715-022	NA	07/15/21 15:41
Instrument Blank	SJG0200-IBL2	XDT_m1210715-023	NA	07/15/21 15:48
Instrument Blank	SJG0200-IBL3	XDT_m1210715-024	NA	07/15/21 15:54
Calibration Check	SJG0200-CCV2	XDT_m1210715-025	NA	07/15/21 16:00
Calibration Blank	SJG0200-CCB2	XDT_m1210715-026	NA	07/15/21 16:07
Instrument Blank	SJG0200-IBL4	XDT_m1210715-035	NA	07/15/21 17:04
Calibration Check	SJG0200-CCV3	XDT_m1210715-036	NA	07/15/21 17:08
Calibration Blank	SJG0200-CCB3	XDT_m1210715-037	NA	07/15/21 17:15
Calibration Check	SJG0200-CCV4	XDT_m1210715-039	NA	07/15/21 17:24
Calibration Blank	SJG0200-CCB4	XDT_m1210715-040	NA	07/15/21 17:30
Instrument Blank	SJG0200-IBL5	XDT_m1210715-050	NA	07/15/21 18:11
Calibration Check	SJG0200-CCV5	XDT_m1210715-051	NA	07/15/21 18:15
Calibration Blank	SJG0200-CCB5	XDT_m1210715-052	NA	07/15/21 18:21
Instrument Blank	SJG0200-IBL6	XDT_m1210715-062	NA	07/15/21 19:04
Calibration Check	SJG0200-CCV6	XDT_m1210715-063	NA	07/15/21 19:09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0200
Instrument: ICPMS1
Calibration: EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJG0200-CCB6	XDT_m1210715-064	NA	07/15/21 19:15
Instrument Blank	SJG0200-IBL7	XDT_m1210715-074	NA	07/15/21 19:57
Calibration Check	SJG0200-CCV7	XDT_m1210715-075	NA	07/15/21 20:01
Calibration Blank	SJG0200-CCB7	XDT_m1210715-076	NA	07/15/21 20:07
DS-12S-GW-060421	21F0123-23	XDT_m1210715-080	Water	07/15/21 20:24
Instrument Blank	SJG0200-IBL8	XDT_m1210715-086	NA	07/15/21 20:49
Calibration Check	SJG0200-CCV8	XDT_m1210715-087	NA	07/15/21 20:53
Calibration Blank	SJG0200-CCB8	XDT_m1210715-088	NA	07/15/21 20:59
Instrument Blank	SJG0200-IBL9	XDT_m1210715-092	NA	07/15/21 21:17
Instrument Blank	SJG0200-IBLA	XDT_m1210715-098	NA	07/15/21 21:42
Calibration Check	SJG0200-CCV9	XDT_m1210715-099	NA	07/15/21 21:46
Calibration Blank	SJG0200-CCB9	XDT_m1210715-100	NA	07/15/21 21:52
Calibration Check	SJG0200-CCVA	XDT_m1210715-102	NA	07/15/21 22:02
Calibration Blank	SJG0200-CCBA	XDT_m1210715-103	NA	07/15/21 22:09
Instrument Blank	SJG0200-IBLB	XDT_m1210715-113	NA	07/15/21 22:47
Calibration Check	SJG0200-CCVB	XDT_m1210715-114	NA	07/15/21 22:51
Calibration Blank	SJG0200-CCBB	XDT_m1210715-115	NA	07/15/21 22:57
Calibration Check	SJG0200-CCVC	XDT_m1210715-126	NA	07/15/21 23:41
Calibration Blank	SJG0200-CCBC	XDT_m1210715-127	NA	07/15/21 23:47
Instrument Blank	SJG0200-IBLC	XDT_m1210715-137	NA	07/16/21 00:30
Calibration Check	SJG0200-CCVD	XDT_m1210715-138	NA	07/16/21 00:34
Calibration Blank	SJG0200-CCBD	XDT_m1210715-139	NA	07/16/21 00:40
Calibration Check	SJG0200-CCVE	XDT_m1210715-141	NA	07/16/21 00:47
Calibration Blank	SJG0200-CCBE	XDT_m1210715-142	NA	07/16/21 00:53
Instrument Blank	SJG0200-IBLD	XDT_m1210715-152	NA	07/16/21 01:31
Calibration Check	SJG0200-CCVF	XDT_m1210715-153	NA	07/16/21 01:35
Calibration Blank	SJG0200-CCBF	XDT_m1210715-154	NA	07/16/21 01:41
ZZZZZ	21F0130-17	XDT_m1210715-160	Water	07/16/21 02:06
Instrument Blank	SJG0200-IBLE	XDT_m1210715-164	NA	07/16/21 02:25
Calibration Check	SJG0200-CCVG	XDT_m1210715-165	NA	07/16/21 02:29

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJG0200	Instrument:	ICPMS1
		Calibration:	EG00050

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJG0200-CCBG	XDT_m1210715-166	NA	07/16/21 02:35
Instrument Blank	SJG0200-IBLF	XDT_m1210715-176	NA	07/16/21 03:14
Calibration Check	SJG0200-CCVH	XDT_m1210715-177	NA	07/16/21 03:17
Calibration Blank	SJG0200-CCBH	XDT_m1210715-178	NA	07/16/21 03:23
Instrument Blank	SJG0200-IBLG	XDT_m1210715-188	NA	07/16/21 04:03
Calibration Check	SJG0200-CCVI	XDT_m1210715-189	NA	07/16/21 04:08
Calibration Blank	SJG0200-CCBI	XDT_m1210715-190	NA	07/16/21 04:14

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SJG0243-CAL1	XDT_m1210719-012	NA	07/19/21 15:19
CAL 1 - LOW CHECK	SJG0243-CAL2	XDT_m1210719-013	NA	07/19/21 15:24
CAL 2	SJG0243-CAL3	XDT_m1210719-014	NA	07/19/21 15:28
CAL 3	SJG0243-CAL4	XDT_m1210719-015	NA	07/19/21 15:32
CAL 4	SJG0243-CAL5	XDT_m1210719-016	NA	07/19/21 15:37
CAL 5	SJG0243-CAL6	XDT_m1210719-017	NA	07/19/21 15:44
RINSE	SJG0243-IBL1	XDT_m1210719-018	NA	07/19/21 15:51
Initial Cal Check	SJG0243-ICV1	XDT_m1210719-020	NA	07/19/21 16:00
Initial Cal Blank	SJG0243-ICB1	XDT_m1210719-022	NA	07/19/21 16:12
Calibration Check	SJG0243-CCV1	XDT_m1210719-023	NA	07/19/21 16:19
Calibration Blank	SJG0243-CCB1	XDT_m1210719-024	NA	07/19/21 16:26
Instrument RL Check	SJG0243-CRL1	XDT_m1210719-025	NA	07/19/21 16:31
Interference Check A	SJG0243-IFA1	XDT_m1210719-026	NA	07/19/21 16:37
Interference Check B	SJG0243-IFB1	XDT_m1210719-027	NA	07/19/21 16:41
LR200	SJG0243-HCV1	XDT_m1210719-028	NA	07/19/21 16:47
LR300	SJG0243-HCV2	XDT_m1210719-029	NA	07/19/21 16:51
Instrument Blank	SJG0243-IBL2	XDT_m1210719-031	NA	07/19/21 17:08
Instrument Blank	SJG0243-IBL3	XDT_m1210719-032	NA	07/19/21 17:14
Calibration Check	SJG0243-CCV2	XDT_m1210719-033	NA	07/19/21 17:20
Calibration Blank	SJG0243-CCB2	XDT_m1210719-034	NA	07/19/21 17:27
Instrument Blank	SJG0243-IBL4	XDT_m1210719-044	NA	07/19/21 18:27
Calibration Check	SJG0243-CCV3	XDT_m1210719-045	NA	07/19/21 18:31
Calibration Blank	SJG0243-CCB3	XDT_m1210719-046	NA	07/19/21 18:39
ZZZZZ	BJG0260-BLK1	XDT_m1210719-047	Solid	07/19/21 18:46
ZZZZZ	BJG0260-BS1	XDT_m1210719-049	Solid	07/19/21 19:00
ZZZZZ	21F0178-03	XDT_m1210719-050	Solid	07/19/21 19:07
ZZZZZ	21F0430-10	XDT_m1210719-051	Solid	07/19/21 19:12
ZZZZZ	21F0430-10	XDT_m1210719-051	Solid	07/19/21 19:12
ZZZZZ	21F0430-10	XDT_m1210719-051	Solid	07/19/21 19:12
ZZZZZ	21F0430-10	XDT_m1210719-051	Solid	07/19/21 19:12

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0430-09	XDT_m1210719-052	Solid	07/19/21 19:16
ZZZZZ	21F0430-09	XDT_m1210719-052	Solid	07/19/21 19:16
ZZZZZ	21F0430-09	XDT_m1210719-052	Solid	07/19/21 19:16
ZZZZZ	21F0430-09	XDT_m1210719-052	Solid	07/19/21 19:16
ZZZZZ	21F0430-08	XDT_m1210719-053	Solid	07/19/21 19:20
ZZZZZ	21F0430-08	XDT_m1210719-053	Solid	07/19/21 19:20
ZZZZZ	21F0430-08	XDT_m1210719-053	Solid	07/19/21 19:20
ZZZZZ	21F0430-08	XDT_m1210719-053	Solid	07/19/21 19:20
Calibration Check	SJG0243-CCV4	XDT_m1210719-057	NA	07/19/21 19:41
Calibration Blank	SJG0243-CCB4	XDT_m1210719-058	NA	07/19/21 19:48
ZZZZZ	BJF0847-BLK2	XDT_m1210719-059	Water	07/19/21 19:57
ZZZZZ	BJF0847-BS2	XDT_m1210719-060	Water	07/19/21 20:01
ZZZZZ	BJF0848-BLK2	XDT_m1210719-061	Water	07/19/21 20:06
ZZZZZ	BJF0848-BS2	XDT_m1210719-062	Water	07/19/21 20:10
RC-6-PW-12-060521	21F0123-38RE1	XDT_m1210719-063	Water	07/19/21 20:14
ZZZZZ	21F0430-11	XDT_m1210719-065	Solid	07/19/21 20:27
ZZZZZ	21F0430-11	XDT_m1210719-065	Solid	07/19/21 20:27
ZZZZZ	21F0430-11	XDT_m1210719-065	Solid	07/19/21 20:27
ZZZZZ	21F0430-15	XDT_m1210719-067	Solid	07/19/21 20:35
Instrument Blank	SJG0243-IBL5	XDT_m1210719-068	NA	07/19/21 20:41
Calibration Check	SJG0243-CCV5	XDT_m1210719-069	NA	07/19/21 20:46
Calibration Blank	SJG0243-CCB5	XDT_m1210719-070	NA	07/19/21 20:53
Instrument Blank	SJG0243-IBL6	XDT_m1210719-080	NA	07/19/21 21:50
Calibration Check	SJG0243-CCV6	XDT_m1210719-081	NA	07/19/21 21:55
Calibration Blank	SJG0243-CCB6	XDT_m1210719-082	NA	07/19/21 22:02
Calibration Check	SJG0243-CCV7	XDT_m1210719-084	NA	07/19/21 22:11
Calibration Blank	SJG0243-CCB7	XDT_m1210719-085	NA	07/19/21 22:18
Instrument Blank	SJG0243-IBL7	XDT_m1210719-095	NA	07/19/21 23:10
Calibration Check	SJG0243-CCV8	XDT_m1210719-096	NA	07/19/21 23:15
Calibration Blank	SJG0243-CCB8	XDT_m1210719-097	NA	07/19/21 23:22

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0130-33	XDT_m1210719-098	Water	07/19/21 23:27
Instrument Blank	SJG0243-IBL8	XDT_m1210719-107	NA	07/20/21 00:11
Calibration Check	SJG0243-CCV9	XDT_m1210719-108	NA	07/20/21 00:15
Calibration Blank	SJG0243-CCB9	XDT_m1210719-109	NA	07/20/21 00:21
ZZZZZ	21F0196-24	XDT_m1210719-110	Water	07/20/21 00:25
ZZZZZ	21F0196-24	XDT_m1210719-110	Water	07/20/21 00:25
ZZZZZ	21F0196-30	XDT_m1210719-111	Water	07/20/21 00:28
ZZZZZ	21F0196-30	XDT_m1210719-111	Water	07/20/21 00:28
ZZZZZ	21F0196-01	XDT_m1210719-113	Water	07/20/21 00:35
ZZZZZ	21F0196-01	XDT_m1210719-113	Water	07/20/21 00:35
ZZZZZ	21F0196-01	XDT_m1210719-113	Water	07/20/21 00:35
ZZZZZ	21F0196-02	XDT_m1210719-114	Water	07/20/21 00:39
ZZZZZ	21F0196-02	XDT_m1210719-114	Water	07/20/21 00:39
ZZZZZ	21F0196-02	XDT_m1210719-114	Water	07/20/21 00:39
ZZZZZ	21F0196-03	XDT_m1210719-115	Water	07/20/21 00:43
ZZZZZ	21F0196-03	XDT_m1210719-115	Water	07/20/21 00:43
ZZZZZ	21F0196-03	XDT_m1210719-115	Water	07/20/21 00:43
Instrument Blank	SJG0243-IBL9	XDT_m1210719-119	NA	07/20/21 01:04
Calibration Check	SJG0243-CCVA	XDT_m1210719-120	NA	07/20/21 01:08
Calibration Blank	SJG0243-CCBA	XDT_m1210719-121	NA	07/20/21 01:14
ZZZZZ	21F0196-04	XDT_m1210719-122	Water	07/20/21 01:18
ZZZZZ	21F0196-04	XDT_m1210719-122	Water	07/20/21 01:18
ZZZZZ	21F0196-04	XDT_m1210719-122	Water	07/20/21 01:18
ZZZZZ	21F0196-05	XDT_m1210719-123	Water	07/20/21 01:21
ZZZZZ	21F0196-05	XDT_m1210719-123	Water	07/20/21 01:21
ZZZZZ	21F0196-05	XDT_m1210719-123	Water	07/20/21 01:21
ZZZZZ	21F0196-08	XDT_m1210719-124	Water	07/20/21 01:25
ZZZZZ	21F0196-08	XDT_m1210719-124	Water	07/20/21 01:25
ZZZZZ	21F0196-08	XDT_m1210719-124	Water	07/20/21 01:25
ZZZZZ	21F0196-10	XDT_m1210719-125	Water	07/20/21 01:28

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0196-10	XDT_m1210719-125	Water	07/20/21 01:28
ZZZZZ	21F0196-10	XDT_m1210719-125	Water	07/20/21 01:28
ZZZZZ	21F0196-11	XDT_m1210719-126	Water	07/20/21 01:32
ZZZZZ	21F0196-09	XDT_m1210719-127	Water	07/20/21 01:35
ZZZZZ	21F0196-09	XDT_m1210719-127	Water	07/20/21 01:35
ZZZZZ	21F0196-09	XDT_m1210719-127	Water	07/20/21 01:35
Instrument Blank	SJG0243-IBLA	XDT_m1210719-131	NA	07/20/21 01:55
Calibration Check	SJG0243-CCVB	XDT_m1210719-132	NA	07/20/21 01:59
Calibration Blank	SJG0243-CCBB	XDT_m1210719-133	NA	07/20/21 02:06
Calibration Check	SJG0243-CCVC	XDT_m1210719-135	NA	07/20/21 02:13
Calibration Blank	SJG0243-CCBC	XDT_m1210719-136	NA	07/20/21 02:19
ZZZZZ	21F0196-12	XDT_m1210719-137	Water	07/20/21 02:23
ZZZZZ	21F0196-12	XDT_m1210719-137	Water	07/20/21 02:23
ZZZZZ	21F0196-13	XDT_m1210719-138	Water	07/20/21 02:26
ZZZZZ	21F0196-13	XDT_m1210719-138	Water	07/20/21 02:26
ZZZZZ	21F0196-14	XDT_m1210719-139	Water	07/20/21 02:30
ZZZZZ	21F0196-14	XDT_m1210719-139	Water	07/20/21 02:30
ZZZZZ	21F0196-14	XDT_m1210719-139	Water	07/20/21 02:30
ZZZZZ	21F0196-16	XDT_m1210719-140	Water	07/20/21 02:33
ZZZZZ	21F0196-16	XDT_m1210719-140	Water	07/20/21 02:33
ZZZZZ	21F0196-16	XDT_m1210719-140	Water	07/20/21 02:33
ZZZZZ	21F0196-17	XDT_m1210719-141	Water	07/20/21 02:37
ZZZZZ	21F0196-17	XDT_m1210719-141	Water	07/20/21 02:37
ZZZZZ	21F0196-17	XDT_m1210719-141	Water	07/20/21 02:37
ZZZZZ	21F0196-19	XDT_m1210719-142	Water	07/20/21 02:40
ZZZZZ	21F0196-19	XDT_m1210719-142	Water	07/20/21 02:40
ZZZZZ	21F0196-19	XDT_m1210719-142	Water	07/20/21 02:40
Instrument Blank	SJG0243-IBLB	XDT_m1210719-146	NA	07/20/21 03:00
Calibration Check	SJG0243-CCVD	XDT_m1210719-147	NA	07/20/21 03:04
Calibration Blank	SJG0243-CCBD	XDT_m1210719-148	NA	07/20/21 03:11

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJG0243

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0196-21	XDT_m1210719-149	Water	07/20/21 03:14
ZZZZZ	21F0196-21	XDT_m1210719-149	Water	07/20/21 03:14
ZZZZZ	21F0196-21	XDT_m1210719-149	Water	07/20/21 03:14
ZZZZZ	21F0196-23	XDT_m1210719-150	Water	07/20/21 03:18
ZZZZZ	21F0196-23	XDT_m1210719-150	Water	07/20/21 03:18
ZZZZZ	21F0196-23	XDT_m1210719-150	Water	07/20/21 03:18
ZZZZZ	21F0196-25	XDT_m1210719-151	Water	07/20/21 03:21
ZZZZZ	21F0196-25	XDT_m1210719-151	Water	07/20/21 03:21
ZZZZZ	21F0196-25	XDT_m1210719-151	Water	07/20/21 03:21
ZZZZZ	21F0196-26	XDT_m1210719-152	Water	07/20/21 03:25
ZZZZZ	21F0196-26	XDT_m1210719-152	Water	07/20/21 03:25
ZZZZZ	21F0196-26	XDT_m1210719-152	Water	07/20/21 03:25
ZZZZZ	21F0196-27	XDT_m1210719-153	Water	07/20/21 03:28
ZZZZZ	21F0196-27	XDT_m1210719-153	Water	07/20/21 03:28
ZZZZZ	21F0196-27	XDT_m1210719-153	Water	07/20/21 03:28
ZZZZZ	21F0196-22	XDT_m1210719-154	Water	07/20/21 03:32
ZZZZZ	21F0196-22	XDT_m1210719-154	Water	07/20/21 03:32
ZZZZZ	21F0196-22	XDT_m1210719-154	Water	07/20/21 03:32
Instrument Blank	SJG0243-IBLC	XDT_m1210719-158	NA	07/20/21 03:52
Calibration Check	SJG0243-CCVE	XDT_m1210719-159	NA	07/20/21 03:56
Calibration Blank	SJG0243-CCBE	XDT_m1210719-160	NA	07/20/21 04:02
ZZZZZ	21F0196-28	XDT_m1210719-161	Water	07/20/21 04:06
ZZZZZ	21F0196-28	XDT_m1210719-161	Water	07/20/21 04:06
ZZZZZ	21F0196-28	XDT_m1210719-161	Water	07/20/21 04:06
ZZZZZ	21F0196-29	XDT_m1210719-162	Water	07/20/21 04:09
ZZZZZ	21F0196-31	XDT_m1210719-163	Water	07/20/21 04:13
ZZZZZ	21F0196-32	XDT_m1210719-164	Water	07/20/21 04:17
ZZZZZ	21F0196-33	XDT_m1210719-165	Water	07/20/21 04:20
ZZZZZ	21F0196-35	XDT_m1210719-167	Water	07/20/21 04:28
ZZZZZ	21F0196-36	XDT_m1210719-168	Water	07/20/21 04:32

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJG0243
Instrument: ICPMS1
Calibration: EG00056

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	21F0196-37	XDT_m1210719-169	Water	07/20/21 04:37
ZZZZZ	21F0196-37	XDT_m1210719-169	Water	07/20/21 04:37
ZZZZZ	21F0196-37	XDT_m1210719-169	Water	07/20/21 04:37
Instrument Blank	SJG0243-IBLD	XDT_m1210719-170	NA	07/20/21 04:44
Calibration Check	SJG0243-CCVF	XDT_m1210719-171	NA	07/20/21 04:48
Calibration Blank	SJG0243-CCBF	XDT_m1210719-172	NA	07/20/21 04:54
ZZZZZ	21F0196-38	XDT_m1210719-173	Water	07/20/21 04:57
ZZZZZ	21F0196-38	XDT_m1210719-173	Water	07/20/21 04:57
ZZZZZ	21F0196-38	XDT_m1210719-173	Water	07/20/21 04:57
ZZZZZ	21F0196-39	XDT_m1210719-174	Water	07/20/21 05:01
ZZZZZ	21F0196-39	XDT_m1210719-174	Water	07/20/21 05:01
ZZZZZ	21F0196-39	XDT_m1210719-174	Water	07/20/21 05:01
ZZZZZ	21F0196-40	XDT_m1210719-175	Water	07/20/21 05:05
ZZZZZ	21F0196-40	XDT_m1210719-175	Water	07/20/21 05:05
ZZZZZ	21F0196-40	XDT_m1210719-175	Water	07/20/21 05:05
ZZZZZ	21F0196-41	XDT_m1210719-176	Water	07/20/21 05:08
ZZZZZ	21F0196-41	XDT_m1210719-176	Water	07/20/21 05:08
ZZZZZ	21F0196-41	XDT_m1210719-176	Water	07/20/21 05:08
ZZZZZ	21F0196-42	XDT_m1210719-177	Water	07/20/21 05:12
ZZZZZ	21F0196-42	XDT_m1210719-177	Water	07/20/21 05:12
ZZZZZ	21F0196-44	XDT_m1210719-178	Water	07/20/21 05:16
ZZZZZ	21F0196-44	XDT_m1210719-178	Water	07/20/21 05:16
ZZZZZ	21F0196-44	XDT_m1210719-178	Water	07/20/21 05:16
ZZZZZ	21F0196-45	XDT_m1210719-179	Water	07/20/21 05:21
ZZZZZ	21F0196-45	XDT_m1210719-179	Water	07/20/21 05:21
ZZZZZ	21F0196-45	XDT_m1210719-179	Water	07/20/21 05:21
Instrument Blank	SJG0243-IBLE	XDT_m1210719-180	NA	07/20/21 05:28
Calibration Check	SJG0243-CCVG	XDT_m1210719-181	NA	07/20/21 05:32
Calibration Blank	SJG0243-CCBG	XDT_m1210719-182	NA	07/20/21 05:38

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0318-IFA1	Cadmium-111 (dissolved)	0	0.1000		ug/L
	Cadmium-114 (dissolved)	0	0.0520		ug/L
	Copper-63 (dissolved)	0	0.0180		ug/L
	Copper-65 (dissolved)	0	0.0260		ug/L
	Zinc-66 (dissolved)	0	0.1190		ug/L
	Zinc-67 (dissolved)	0	0.1300		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0318-IFB1	Cadmium-111 (dissolved)	20.000	19.248	96.2	ug/L
	Cadmium-114 (dissolved)	20.000	19.160	95.8	ug/L
	Copper-63 (dissolved)	20.000	19.853	99.3	ug/L
	Copper-65 (dissolved)	20.000	20.420	102	ug/L
	Zinc-66 (dissolved)	20.000	19.373	96.9	ug/L
	Zinc-67 (dissolved)	20.000	18.309	91.5	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0364-IFA1	Cadmium-111	0	0.0970		ug/L
	Cadmium-111 (dissolved)	0	0.0970		ug/L
	Cadmium-114	0	0.0840		ug/L
	Cadmium-114 (dissolved)	0	0.0840		ug/L
	Copper-63	0	0.0480		ug/L
	Copper-63 (dissolved)	0	0.0480		ug/L
	Copper-65	0	0.0420		ug/L
	Copper-65 (dissolved)	0	0.0420		ug/L
	Zinc-66	0	0.2330		ug/L
	Zinc-66 (dissolved)	0	0.2330		ug/L
	Zinc-67	0	0.3250		ug/L
	Zinc-67 (dissolved)	0	0.3250		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0364-IFB1	Cadmium-111	20.000	19.164	95.8	ug/L
	Cadmium-111 (dissolved)	20.000	19.164	95.8	ug/L
	Cadmium-114	20.000	19.479	97.4	ug/L
	Cadmium-114 (dissolved)	20.000	19.479	97.4	ug/L
	Copper-63	20.000	19.434	97.2	ug/L
	Copper-63 (dissolved)	20.000	19.434	97.2	ug/L
	Copper-65	20.000	19.501	97.5	ug/L
	Copper-65 (dissolved)	20.000	19.501	97.5	ug/L
	Zinc-66	20.000	18.720	93.6	ug/L
	Zinc-66 (dissolved)	20.000	18.720	93.6	ug/L
	Zinc-67	20.000	17.264	86.3	ug/L
	Zinc-67 (dissolved)	20.000	17.264	86.3	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0378-IFA1	Cadmium-111	0	0.0660		ug/L
	Cadmium-114	0	0.0650		ug/L
	Copper-63	0	0.0710		ug/L
	Copper-65	0	0.0840		ug/L
	Zinc-66	0	0.4330		ug/L
	Zinc-67	0	0.4510		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0378-IFB1	Cadmium-111	20.000	19.107	95.5	ug/L
	Cadmium-114	20.000	19.372	96.9	ug/L
	Copper-63	20.000	19.727	98.6	ug/L
	Copper-65	20.000	19.752	98.8	ug/L
	Zinc-66	20.000	19.000	95.0	ug/L
	Zinc-67	20.000	18.116	90.6	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0401-IFA1	Cadmium-111	0	0.0780		ug/L
	Cadmium-111 (dissolved)	0	0.0780		ug/L
	Cadmium-114	0	0.0700		ug/L
	Cadmium-114 (dissolved)	0	0.0700		ug/L
	Copper-63	0	0.0660		ug/L
	Copper-63 (dissolved)	0	0.0660		ug/L
	Copper-65	0	0.0780		ug/L
	Copper-65 (dissolved)	0	0.0780		ug/L
	Zinc-66	0	0.4240		ug/L
	Zinc-66 (dissolved)	0	0.4240		ug/L
	Zinc-67	0	0.2560		ug/L
	Zinc-67 (dissolved)	0	0.2560		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJF0401-IFB1	Cadmium-111	20.000	19.763	98.8	ug/L
	Cadmium-111 (dissolved)	20.000	19.763	98.8	ug/L
	Cadmium-114	20.000	19.907	99.5	ug/L
	Cadmium-114 (dissolved)	20.000	19.907	99.5	ug/L
	Copper-63	20.000	20.026	100	ug/L
	Copper-63 (dissolved)	20.000	20.026	100	ug/L
	Copper-65	20.000	19.899	99.5	ug/L
	Copper-65 (dissolved)	20.000	19.899	99.5	ug/L
	Zinc-66	20.000	19.292	96.5	ug/L
	Zinc-66 (dissolved)	20.000	19.292	96.5	ug/L
	Zinc-67	20.000	18.097	90.5	ug/L
	Zinc-67 (dissolved)	20.000	18.097	90.5	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EG00011
Sequence: SJG0042
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0042-IFA1	Cadmium-111 (dissolved)	0	0.0810		ug/L
	Cadmium-114 (dissolved)	0	0.0520		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EG00011
Sequence: SJG0042
Standard ID: J005760

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0042-IFB1	Cadmium-111 (dissolved)	20.000	20.128	101	ug/L
	Cadmium-114 (dissolved)	20.000	20.170	101	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EG00039

Sequence: SJG0173
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0173-IFA1	Cadmium-111	0	0.0870		ug/L
	Cadmium-114	0	0.0650		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EG00039

Sequence: SJG0173
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0173-IFB1	Cadmium-111	20.000	20.461	102	ug/L
	Cadmium-114	20.000	20.303	102	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EG00050

Sequence: SJG0200
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0200-IFA1	Zinc-66	0	0.2010		ug/L
	Zinc-67	0	0.2350		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0200-IFB1	Zinc-66	20.000	21.877	109	ug/L
	Zinc-67	20.000	19.669	98.3	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat

Instrument ID: ICPMS1
Calibration: EG00056

Sequence: SJG0243
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0243-IFA1	Cadmium-111	0	0.0920		ug/L
	Cadmium-114	0	0.0710		ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Instrument ID: ICPMS1
Calibration: EG00056
Sequence: SJG0243
Standard ID: J007152

Lab Sample ID	Analyte	True	Found	%R	Units
SJG0243-IFB1	Cadmium-111	20.000	20.627	103	ug/L
	Cadmium-114	20.000	20.803	104	ug/L

* Indicates %R outside of QC limits

NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EF00068
Sequence: SJF0318
Lab Sample ID: SJF0318-CRL1

Analyte	True	Found	%R	Units	QC Limts
Cadmium-111 (dissolved)	0.10000	0.0850	85.0	ug/L	50 - 150
Cadmium-114 (dissolved)	0.10000	0.117	117	ug/L	50 - 150
Copper-63 (dissolved)	0.50000	0.469	93.8	ug/L	50 - 150
Copper-65 (dissolved)	0.50000	0.474	94.8	ug/L	50 - 150
Zinc-66 (dissolved)	6.0000	5.92	98.7	ug/L	50 - 150
Zinc-67 (dissolved)	6.0000	5.53	92.2	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedi
Instrument ID: ICPMS1
Calibration: EF00073
Sequence: SJF0364
Lab Sample ID: SJF0364-CRL1

Analyte	True	Found	%R	Units	QC Limts
Cadmium-111	0.10000	0.0900	90.0	ug/L	50 - 150
Cadmium-111 (dissolved)	0.10000	0.0900	90.0	ug/L	50 - 150
Cadmium-114	0.10000	0.104	104	ug/L	50 - 150
Cadmium-114 (dissolved)	0.10000	0.104	104	ug/L	50 - 150
Copper-63	0.50000	0.480	96.0	ug/L	50 - 150
Copper-63 (dissolved)	0.50000	0.480	96.0	ug/L	50 - 150
Copper-65	0.50000	0.498	99.6	ug/L	50 - 150
Copper-65 (dissolved)	0.50000	0.498	99.6	ug/L	50 - 150
Zinc-66	6.0000	5.77	96.2	ug/L	50 - 150
Zinc-66 (dissolved)	6.0000	5.77	96.2	ug/L	50 - 150
Zinc-67	6.0000	5.33	88.9	ug/L	50 - 150
Zinc-67 (dissolved)	6.0000	5.33	88.9	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EF00076
Sequence: SJF0378
Lab Sample ID: SJF0378-CRL1

Analyte	True	Found	%R	Units	QC Limts
Cadmium-111	0.10000	0.102	102	ug/L	50 - 150
Cadmium-114	0.10000	0.119	119	ug/L	50 - 150
Copper-63	0.50000	0.522	104	ug/L	50 - 150
Copper-65	0.50000	0.522	104	ug/L	50 - 150
Zinc-66	6.0000	6.24	104	ug/L	50 - 150
Zinc-67	6.0000	5.66	94.3	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EF00079
Sequence: SJF0401
Lab Sample ID: SJF0401-CRL1

Analyte	True	Found	%R	Units	QC Limts
Cadmium-111	0.10000	0.0920	92.0	ug/L	50 - 150
Cadmium-111 (dissolved)	0.10000	0.0920	92.0	ug/L	50 - 150
Cadmium-114	0.10000	0.101	101	ug/L	50 - 150
Cadmium-114 (dissolved)	0.10000	0.101	101	ug/L	50 - 150
Copper-63	0.50000	0.500	100	ug/L	50 - 150
Copper-63 (dissolved)	0.50000	0.500	100	ug/L	50 - 150
Copper-65	0.50000	0.503	101	ug/L	50 - 150
Copper-65 (dissolved)	0.50000	0.503	101	ug/L	50 - 150
Zinc-66	6.0000	5.85	97.5	ug/L	50 - 150
Zinc-66 (dissolved)	6.0000	5.85	97.5	ug/L	50 - 150
Zinc-67	6.0000	5.59	93.2	ug/L	50 - 150
Zinc-67 (dissolved)	6.0000	5.59	93.2	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EG00011
Sequence: SJG0042
Lab Sample ID: SJG0042-CRL1

Analyte	True	Found	%R	Units	QC Limts
Cadmium-111 (dissolved)	0.10000	0.100	100	ug/L	50 - 150
Cadmium-114 (dissolved)	0.10000	0.0880	88.0	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EG00039
Sequence: SJG0173
Lab Sample ID: SJG0173-CRL1

Analyte	True	Found	%R	Units	QC Limts
Cadmium-111	0.10000	0.0940	94.0	ug/L	50 - 150
Cadmium-114	0.10000	0.112	112	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedi
Instrument ID: ICPMS1
Calibration: EG00050
Sequence: SJG0200
Lab Sample ID: SJG0200-CRL1

Analyte	True	Found	%R	Units	QC Limts
Zinc-66	6.0000	5.92	98.7	ug/L	50 - 150
Zinc-67	6.0000	5.68	94.7	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DETECTION LEVEL STANDARD
EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remedia
Instrument ID: ICPMS1
Calibration: EG00056
Sequence: SJG0243
Lab Sample ID: SJG0243-CRL1

Analyte	True	Found	%R	Units	QC Limts
Cadmium-111	0.10000	0.0940	94.0	ug/L	50 - 150
Cadmium-114	0.10000	0.111	111	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00068
Laboratory ID: SJF0318-HCV1
Sequence: SJF0318
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111 (dissolved)	200.00	193	-3.3	10.00
Cadmium-114 (dissolved)	200.00	191	-4.5	10.00
Copper-63 (dissolved)	200.00	195	-2.3	10.00
Copper-65 (dissolved)	200.00	198	-1.1	10.00
Zinc-66 (dissolved)	200.00	196	-2.1	10.00
Zinc-67 (dissolved)	200.00	194	-3.2	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00068
Laboratory ID: SJF0318-HCV2
Sequence: SJF0318
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111 (dissolved)	300.00	294	-2.1	10.00
Cadmium-114 (dissolved)	300.00	294	-2.0	10.00
Copper-63 (dissolved)	300.00	290	-3.5	10.00
Copper-65 (dissolved)	300.00	295	-1.8	10.00
Zinc-66 (dissolved)	300.00	283	-5.5	10.00
Zinc-67 (dissolved)	300.00	281	-6.2	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00073
Laboratory ID: SJF0364-HCV1
Sequence: SJF0364
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	200.00	193	-3.4	10.00
Cadmium-111 (dissolved)	200.00	193	-3.4	10.00
Cadmium-114	200.00	193	-3.6	10.00
Cadmium-114 (dissolved)	200.00	193	-3.6	10.00
Copper-63	200.00	194	-2.9	10.00
Copper-63 (dissolved)	200.00	194	-2.9	10.00
Copper-65	200.00	196	-2.0	10.00
Copper-65 (dissolved)	200.00	196	-2.0	10.00
Zinc-66	200.00	189	-5.6	10.00
Zinc-66 (dissolved)	200.00	189	-5.6	10.00
Zinc-67	200.00	189	-5.5	10.00
Zinc-67 (dissolved)	200.00	189	-5.5	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00073
Laboratory ID: SJF0364-HCV2
Sequence: SJF0364
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	300.00	287	-4.3	10.00
Cadmium-111 (dissolved)	300.00	287	-4.3	10.00
Cadmium-114	300.00	286	-4.5	10.00
Cadmium-114 (dissolved)	300.00	286	-4.5	10.00
Copper-63	300.00	285	-5.1	10.00
Copper-63 (dissolved)	300.00	285	-5.1	10.00
Copper-65	300.00	288	-4.1	10.00
Copper-65 (dissolved)	300.00	288	-4.1	10.00
Zinc-66	300.00	274	-8.7	10.00
Zinc-66 (dissolved)	300.00	274	-8.7	10.00
Zinc-67	300.00	277	-7.7	10.00
Zinc-67 (dissolved)	300.00	277	-7.7	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed

Calibration: EF00076
Laboratory ID: SJF0378-HCV1

Sequence: SJF0378
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	200.00	198	-0.8	10.00
Cadmium-114	200.00	199	-0.7	10.00
Copper-63	200.00	194	-3.2	10.00
Copper-65	200.00	194	-3.1	10.00
Zinc-66	200.00	191	-4.3	10.00
Zinc-67	200.00	188	-5.8	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00076
Laboratory ID: SJF0378-HCV2
Sequence: SJF0378
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	300.00	302	0.6	10.00
Cadmium-114	300.00	306	2.0	10.00
Copper-63	300.00	290	-3.4	10.00
Copper-65	300.00	291	-2.9	10.00
Zinc-66	300.00	284	-5.5	10.00
Zinc-67	300.00	282	-5.9	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00079
Laboratory ID: SJF0401-HCV1
Sequence: SJF0401
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	200.00	193	-3.7	10.00
Cadmium-111 (dissolved)	200.00	193	-3.7	10.00
Cadmium-114	200.00	191	-4.4	10.00
Cadmium-114 (dissolved)	200.00	191	-4.4	10.00
Copper-63	200.00	195	-2.6	10.00
Copper-63 (dissolved)	200.00	195	-2.6	10.00
Copper-65	200.00	195	-2.3	10.00
Copper-65 (dissolved)	200.00	195	-2.3	10.00
Zinc-66	200.00	191	-4.5	10.00
Zinc-66 (dissolved)	200.00	191	-4.5	10.00
Zinc-67	200.00	191	-4.7	10.00
Zinc-67 (dissolved)	200.00	191	-4.7	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EF00079
Laboratory ID: SJF0401-HCV2
Sequence: SJF0401
Standard ID: J006294

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	300.00	293	-2.2	10.00
Cadmium-111 (dissolved)	300.00	293	-2.2	10.00
Cadmium-114	300.00	293	-2.4	10.00
Cadmium-114 (dissolved)	300.00	293	-2.4	10.00
Copper-63	300.00	293	-2.3	10.00
Copper-63 (dissolved)	300.00	293	-2.3	10.00
Copper-65	300.00	291	-2.8	10.00
Copper-65 (dissolved)	300.00	291	-2.8	10.00
Zinc-66	300.00	282	-5.9	10.00
Zinc-66 (dissolved)	300.00	282	-5.9	10.00
Zinc-67	300.00	280	-6.6	10.00
Zinc-67 (dissolved)	300.00	280	-6.6	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00011
Laboratory ID: SJG0042-HCV1
Sequence: SJG0042
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111 (dissolved)	200.00	194	-2.8	10.00
Cadmium-114 (dissolved)	200.00	194	-2.8	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00011
Laboratory ID: SJG0042-HCV2
Sequence: SJG0042
Standard ID: J006918

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111 (dissolved)	300.00	289	-3.6	10.00
Cadmium-114 (dissolved)	300.00	290	-3.3	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00039
Laboratory ID: SJG0173-HCV1
Sequence: SJG0173
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	200.00	191	-4.3	10.00
Cadmium-114	200.00	191	-4.4	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00039
Laboratory ID: SJG0173-HCV2
Sequence: SJG0173
Standard ID: J006918

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	300.00	279	-7.1	10.00
Cadmium-114	300.00	277	-7.8	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00050
Laboratory ID: SJG0200-HCV1
Sequence: SJG0200
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Zinc-66	200.00	195	-2.3	10.00
Zinc-67	200.00	194	-2.8	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00050
Laboratory ID: SJG0200-HCV2
Sequence: SJG0200
Standard ID: J006918

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Zinc-66	300.00	276	-8.0	10.00
Zinc-67	300.00	273	-9.0	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00056
Laboratory ID: SJG0243-HCV1
Sequence: SJG0243
Standard ID: J006678

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	200.00	194	-2.9	10.00
Cadmium-114	200.00	194	-2.9	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Calibration: EG00056
Laboratory ID: SJG0243-HCV2
Sequence: SJG0243
Standard ID: J006918

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Cadmium-111	300.00	283	-5.8	10.00
Cadmium-114	300.00	284	-5.3	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:43	22	180	
NRC-3SR-GW-060321 21F0123-01RE1	06/03/21 14:20	06/07/21 17:45	07/02/21 14:41	29	180	07/13/21 06:23	40	180	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:24	22	180	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 13:16	26	180	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:29	22	180	
NRC-3DR-GW-060321 21F0123-03RE1	06/03/21 14:17	06/07/21 17:45	07/02/21 14:41	29	180	07/13/21 06:11	40	180	
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:33	22	180	
NRC-103DR-GW-060321 21F0123-04RE1	06/03/21 14:21	06/07/21 17:45	07/02/21 14:41	29	180	07/13/21 06:15	40	180	
NRC-103DR-GW-060321 21F0123-05	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 06:15	21	180	
NRC-103DR-GW-060321 21F0123-05RE1	06/03/21 14:21	06/07/21 17:45	06/30/21 15:58	27	180	07/02/21 00:57	28	180	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:38	22	180	
NRC-103SR-GW-060321 21F0123-06RE1	06/03/21 14:30	06/07/21 17:45	07/02/21 14:41	29	180	07/13/21 06:19	40	180	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:24	22	180	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:29	22	180	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:33	21	180	
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:38	21	180	
DS-16D-GW-060421 21F0123-10RE1	06/04/21 12:55	06/07/21 17:45	07/02/21 14:41	28	180	07/13/21 06:55	39	180	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:42	21	180	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 12:13	25	180	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:47	21	180	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:52	21	180	
DS-15I-GW-060421 21F0123-13RE1	06/04/21 11:17	06/07/21 17:45	07/02/21 14:41	28	180	07/13/21 06:59	39	180	

HOLDING TIME SUMMARY

Analysis: EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 05:57	21	180	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 13:33	25	180	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 06:03	21	180	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/24/21 13:55	19	180	06/25/21 06:28	21	180	
DS-18D-GW-060421 21F0123-16RE1	06/04/21 15:20	06/07/21 17:45	07/02/21 14:41	27	180	07/13/21 07:03	39	180	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/24/21 13:55	20	180	06/29/21 13:54	25	180	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 12:20	25	180	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 01:33	21	180	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/24/21 13:55	19	180	06/25/21 02:14	20	180	
FieldBlank-1-GW-060421 21F0123-19RE1	06/04/21 16:10	06/07/21 17:45	07/02/21 14:41	27	180	07/13/21 07:07	39	180	
FieldBlank-1-GW-060421 21F0123-20	06/04/21 16:10	06/07/21 17:45	06/21/21 10:32	16	180	06/24/21 23:23	20	180	
FieldBlank-1-GW-060421 21F0123-20RE1	06/04/21 16:10	06/07/21 17:45	06/30/21 15:58	25	180	07/01/21 23:03	27	180	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/24/21 13:55	19	180	06/29/21 13:01	25	180	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/24/21 13:55	19	180	06/25/21 06:38	21	180	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:18	20	180	
SG-7R-WP-060421 21F0123-22RE1	06/04/21 17:16	06/07/21 17:45	07/02/21 14:41	27	180	07/13/21 07:12	39	180	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/24/21 13:46	19	180	07/15/21 20:24	41	180	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:23	20	180	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:27	20	180	
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:32	20	180	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:36	20	180	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:41	20	180	

HOLDING TIME SUMMARY

Analysis: EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:46	20	180	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 02:52	21	180	
HBKG-2-GW-060421 21F0123-29RE1	06/04/21 14:25	06/07/21 17:45	07/02/21 14:41	28	180	07/13/21 07:16	39	180	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 03:17	21	180	
US-1S-GW-060421 21F0123-30RE1	06/04/21 12:55	06/07/21 17:45	07/02/21 14:41	28	180	07/13/21 07:20	39	180	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:21	21	180	
US-1I-GW-060421 21F0123-31RE1	06/04/21 13:54	06/07/21 17:45	07/02/21 14:41	28	180	07/13/21 07:24	39	180	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 03:26	21	180	
US-1D-GW-060421 21F0123-32RE1	06/04/21 13:00	06/07/21 17:45	07/02/21 14:41	28	180	07/13/21 07:29	39	180	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:30	20	180	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:35	20	180	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:40	20	180	
RC-6-SW-060521 21F0123-35RE1	06/05/21 08:20	06/07/21 17:45	07/02/21 14:41	27	180	07/13/21 08:19	38	180	
RC-6-SW-060521 21F0123-36	06/05/21 08:20	06/07/21 17:45	06/21/21 10:32	16	180	06/24/21 23:28	20	180	
RC-6-SW-060521 21F0123-36RE1	06/05/21 08:20	06/07/21 17:45	06/30/21 15:58	25	180	07/02/21 00:10	27	180	
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:44	20	180	
RC-6-PW-6-060521 21F0123-37RE1	06/05/21 09:10	06/07/21 17:45	07/02/21 14:41	27	180	07/13/21 08:23	38	180	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:49	20	180	
RC-6-PW-12-060521 21F0123-38RE1	06/05/21 10:18	06/07/21 17:45	07/02/21 14:41	27	180	07/19/21 20:14	44	180	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 03:55	20	180	
RC-6-WP-36-060521 21F0123-39RE1	06/05/21 11:05	06/07/21 17:45	07/02/21 14:41	27	180	07/13/21 08:31	38	180	
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/24/21 13:46	19	180	06/25/21 04:20	20	180	

HOLDING TIME SUMMARY

Analysis: EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
RC-1-SW-060521 21F0123-40RE1	06/05/21 11:50	06/07/21 17:45	07/02/21 14:41	27	180	07/13/21 08:35	38	180	
RC-1-SW-060521 21F0123-41	06/05/21 11:50	06/07/21 17:45	06/21/21 10:32	15	180	06/24/21 23:33	19	180	
RC-1-SW-060521 21F0123-41RE1	06/05/21 11:50	06/07/21 17:45	06/30/21 15:58	25	180	07/02/21 00:14	27	180	
NRC-3DR-GW-060321 21F0123-42	06/03/21 14:17	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 23:39	21	180	
NRC-3DR-GW-060321 21F0123-42RE1	06/03/21 14:17	06/07/21 17:45	06/30/21 15:58	27	180	07/02/21 00:18	28	180	
Duplicate BJF0556-DUP1	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 06:20	21	180	
Matrix Spike BJF0556-MS1	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 06:25	21	180	
Matrix Spike Dup BJF0556-MSD1	06/03/21 14:21	06/07/21 17:45	06/21/21 10:32	17	180	06/24/21 06:31	21	180	
Duplicate BJF0654-DUP1	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 01:38	21	180	
Duplicate BJF0654-DUP2	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 12:24	25	180	
Matrix Spike BJF0654-MS1	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 01:43	21	180	
Matrix Spike BJF0654-MS2	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 12:29	25	180	
Matrix Spike Dup BJF0654-MSD1	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/25/21 01:49	21	180	
Matrix Spike Dup BJF0654-MSD2	06/04/21 11:55	06/07/21 17:45	06/24/21 13:46	20	180	06/29/21 12:34	25	180	
Duplicate BJF0655-DUP1	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:48	22	180	
Matrix Spike BJF0655-MS1	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:54	22	180	
Matrix Spike Dup BJF0655-MSD1	06/03/21 14:20	06/07/21 17:45	06/24/21 13:55	20	180	06/25/21 04:59	22	180	
Duplicate BJF0795-DUP1	06/03/21 14:21	06/07/21 17:45	06/30/21 15:58	27	180	07/02/21 01:01	28	180	
Matrix Spike BJF0795-MS1	06/03/21 14:21	06/07/21 17:45	06/30/21 15:58	27	180	07/02/21 01:06	28	180	
Duplicate BJG0055-DUP1	06/03/21 14:20	06/07/21 17:45	07/02/21 14:41	29	180	07/13/21 06:27	40	180	
Matrix Spike BJG0055-MS1	06/03/21 14:20	06/07/21 17:45	07/02/21 14:41	29	180	07/13/21 06:33	40	180	

* Indicates hold time exceedance.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

METHOD DETECTION AND REPORTING LIMITS

EPA 6020B UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Rem
Matrix: Water
Instrument: ICPMS1

Analyte	MDL	RL	Units
Cadmium-111	0.0300	0.100	ug/L
Cadmium-111 (dissolved)	0.0300	0.100	ug/L
Cadmium-114	0.0400	0.100	ug/L
Cadmium-114 (dissolved)	0.0400	0.100	ug/L
Copper-63	0.173	0.500	ug/L
Copper-63 (dissolved)	0.173	0.500	ug/L
Copper-65	0.350	0.500	ug/L
Copper-65 (dissolved)	0.350	0.500	ug/L
Zinc-66	2.92	6.00	ug/L
Zinc-66 (dissolved)	2.92	6.00	ug/L
Zinc-67	0.940	6.00	ug/L
Zinc-67 (dissolved)	0.940	6.00	ug/L

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 A	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-01
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 05:20
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.389	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

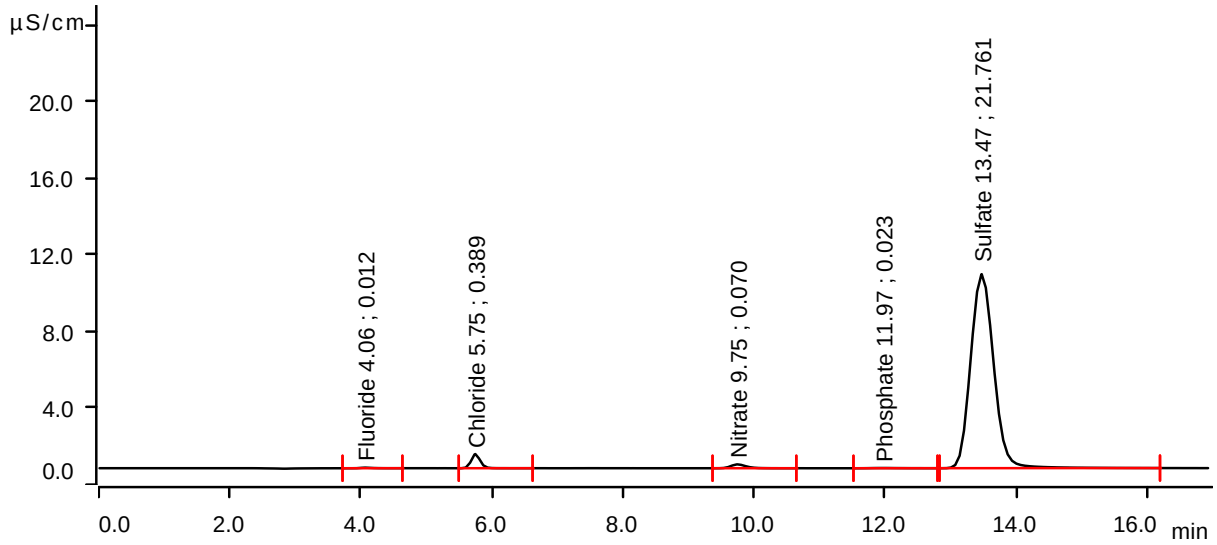
Sample data

Ident	**21F0123-01**
Sample type	Sample
Determination start	2021-06-09 05:20:31 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.063	0.0063	0.031	0.012	Fluoride
2	5.747	0.1178	0.738	0.389	Chloride
3	9.747	0.0542	0.201	0.070	Nitrate
4	11.970	0.0065	0.013	0.023	Phosphate
5	13.472	4.1216	10.124	21.761	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01RE1 A	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-01RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 15:54
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	17.3	4	0.400	0.400	D

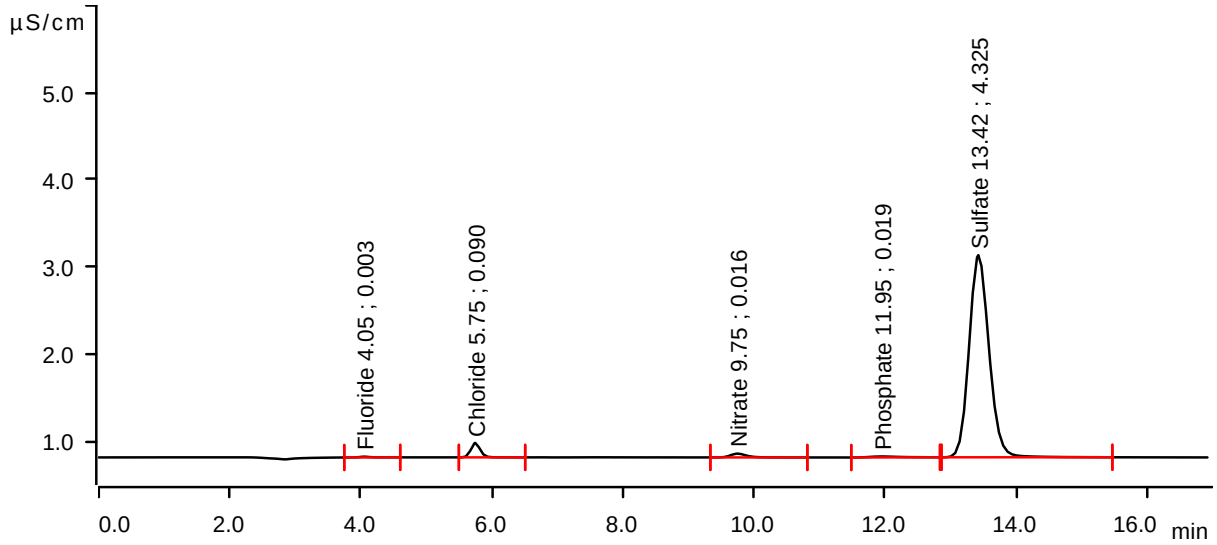
Sample data

Ident	**21F0123-01RE1**
Sample type	Sample
Determination start	2021-06-10 15:54:08 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**4.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.052	0.0017	0.009	0.003	Fluoride
2	5.745	0.0274	0.166	0.090	Chloride
3	9.745	0.0123	0.044	0.016	Nitrate
4	11.948	0.0056	0.011	0.019	Phosphate
5	13.420	0.8191	2.321	4.325	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 A	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-02
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/08/21 22:40
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.449	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

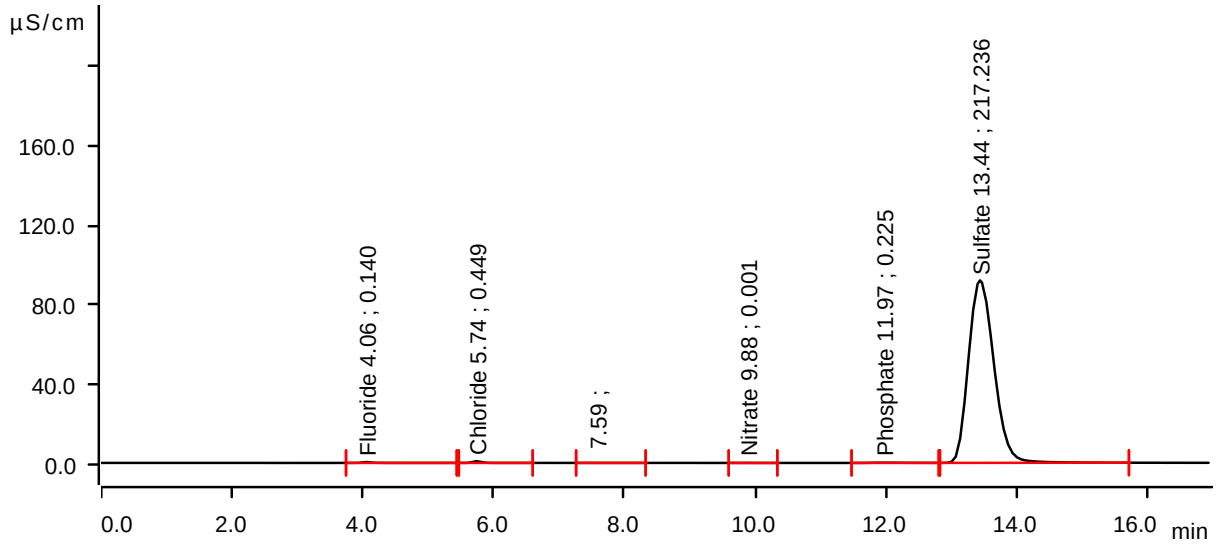
Sample data

Ident	**21F0123-02**
Sample type	Sample
Determination start	2021-06-08 22:40:56 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.60	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.057	0.0753	0.431	0.140	Fluoride
2	5.742	0.1358	0.857	0.449	Chloride
3	7.585	0.0015	0.003	invalid	
4	9.883	0.0007	0.002	0.001	Nitrate
5	11.972	0.0648	0.130	0.225	Phosphate
6	13.438	41.1455	91.414	217.236	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02RE1 A	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-02RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 10:57
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	150	42	4.20	4.20	D

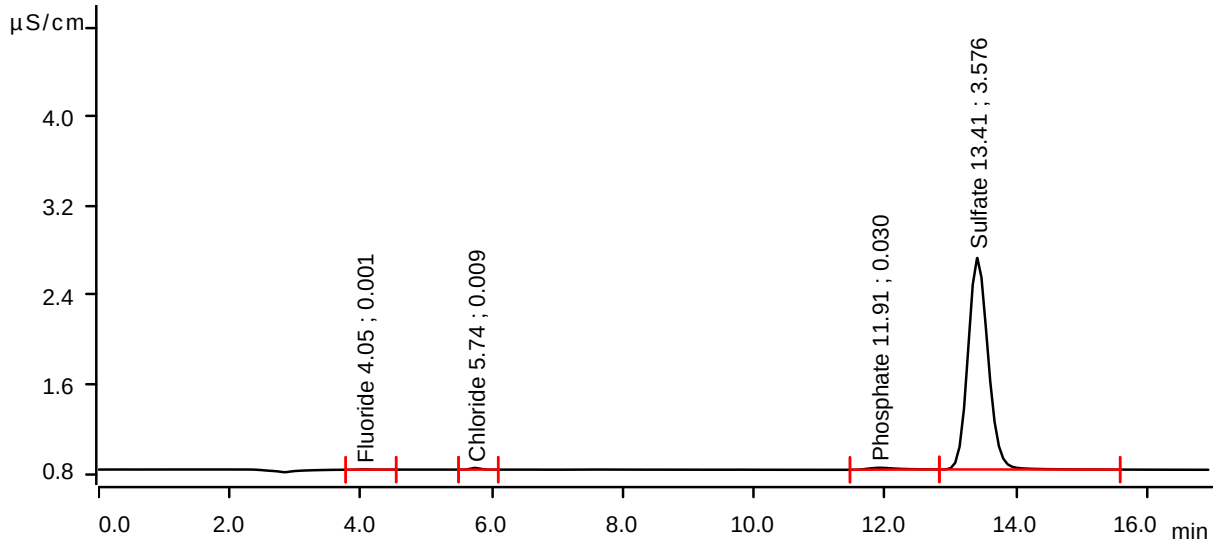
Sample data

Ident	**21F0123-02RE1**
Sample type	Sample
Determination start	2021-06-10 10:57:42 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**42.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.052	0.0007	0.003	0.001	Fluoride
2	5.743	0.0026	0.016	0.009	Chloride
3	11.908	0.0087	0.017	0.030	Phosphate
4	13.405	0.6772	1.899	3.576	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 A	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-03
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/08/21 23:00
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.577	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

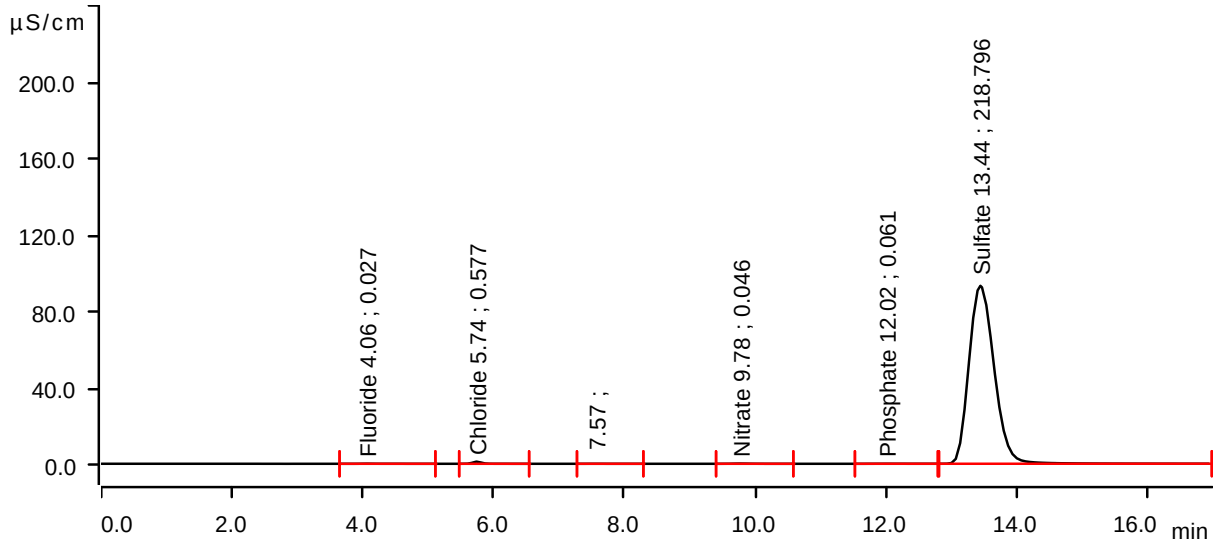
Sample data

Ident	**21F0123-03**
Sample type	Sample
Determination start	2021-06-08 23:00:55 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.60	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.060	0.0145	0.079	0.027	Fluoride
2	5.742	0.1748	1.109	0.577	Chloride
3	7.567	0.0014	0.003	invalid	
4	9.775	0.0360	0.127	0.046	Nitrate
5	12.015	0.0177	0.033	0.061	Phosphate
6	13.443	41.4411	92.883	218.796	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03RE1 A	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-03RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 11:17
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	157	42	4.20	4.20	D

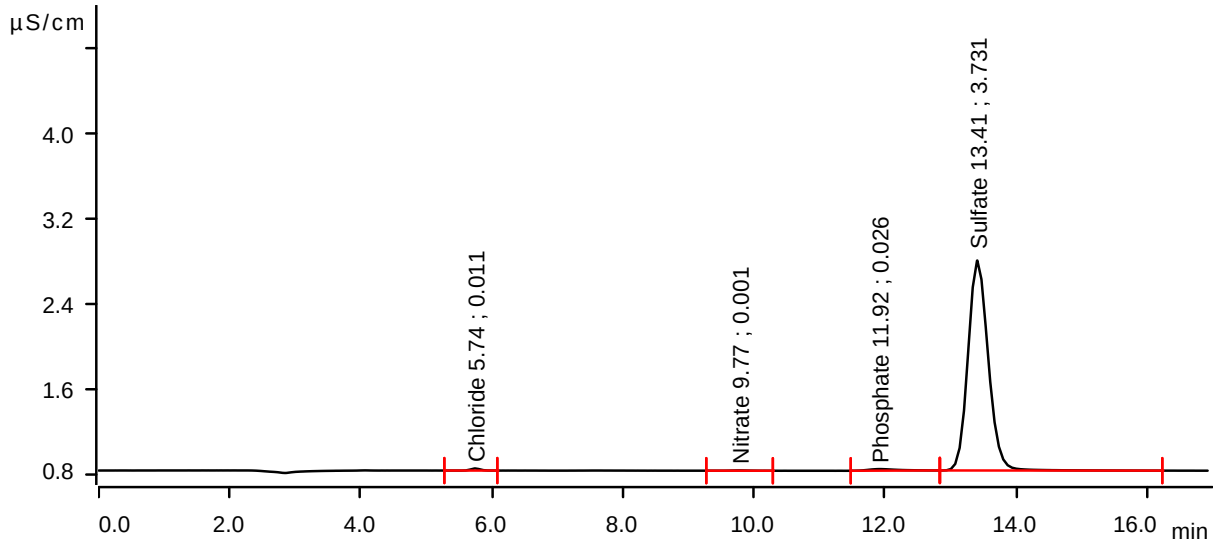
Sample data

Ident	**21F0123-03RE1**
Sample type	Sample
Determination start	2021-06-10 11:17:28 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**42.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	5.743	0.0033	0.020	0.011	Chloride
2	9.770	0.0008	0.003	0.001	Nitrate
3	11.922	0.0076	0.015	0.026	Phosphate
4	13.405	0.7067	1.973	3.731	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 A	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-04
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/08/21 23:20
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.577	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

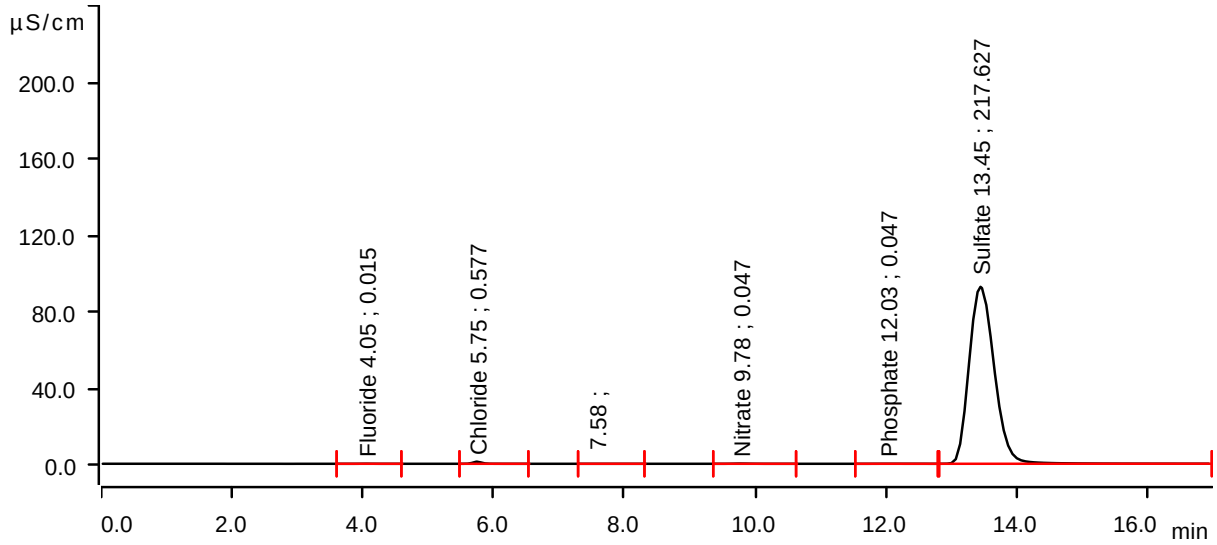
Sample data

Ident	**21F0123-04**
Sample type	Sample
Determination start	2021-06-08 23:20:53 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.48	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0080	0.046	0.015	Fluoride
2	5.745	0.1746	1.108	0.577	Chloride
3	7.575	0.0012	0.003	invalid	
4	9.778	0.0362	0.128	0.047	Nitrate
5	12.030	0.0135	0.024	0.047	Phosphate
6	13.445	41.2196	92.349	217.627	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04RE1 A	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-04RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 11:37
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	151	42	4.20	4.20	D

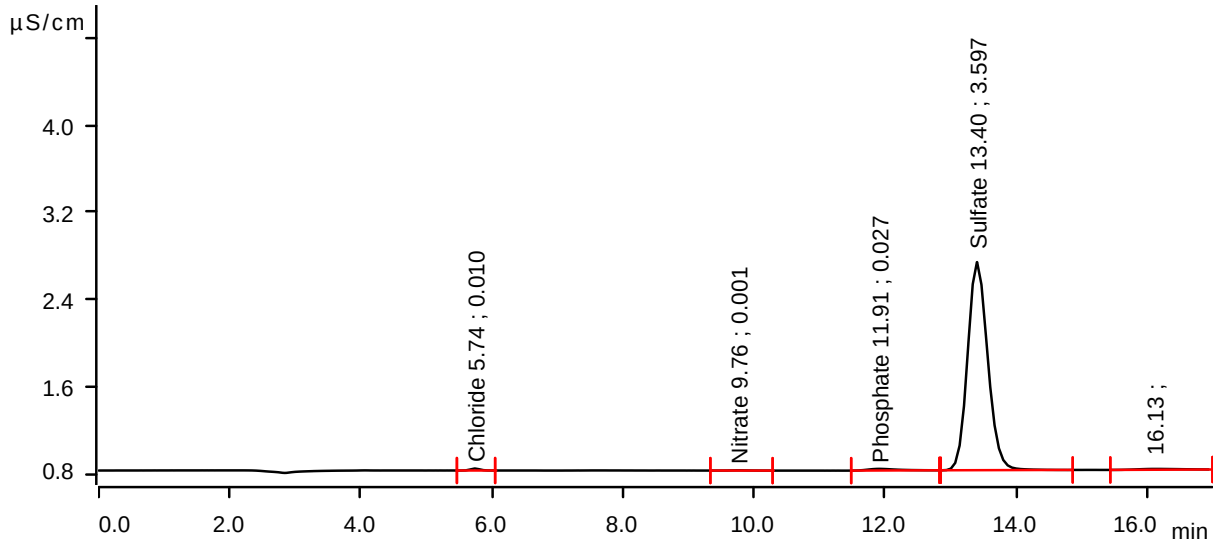
Sample data

Ident	**21F0123-04RE1**
Sample type	Sample
Determination start	2021-06-10 11:37:14 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**42.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.88	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	5.740	0.0030	0.018	0.010	Chloride
2	9.755	0.0007	0.002	0.001	Nitrate
3	11.907	0.0078	0.015	0.027	Phosphate
4	13.398	0.6812	1.911	3.597	Sulfate
5	16.128	0.0057	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 A	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-06
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 00:20
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.372	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

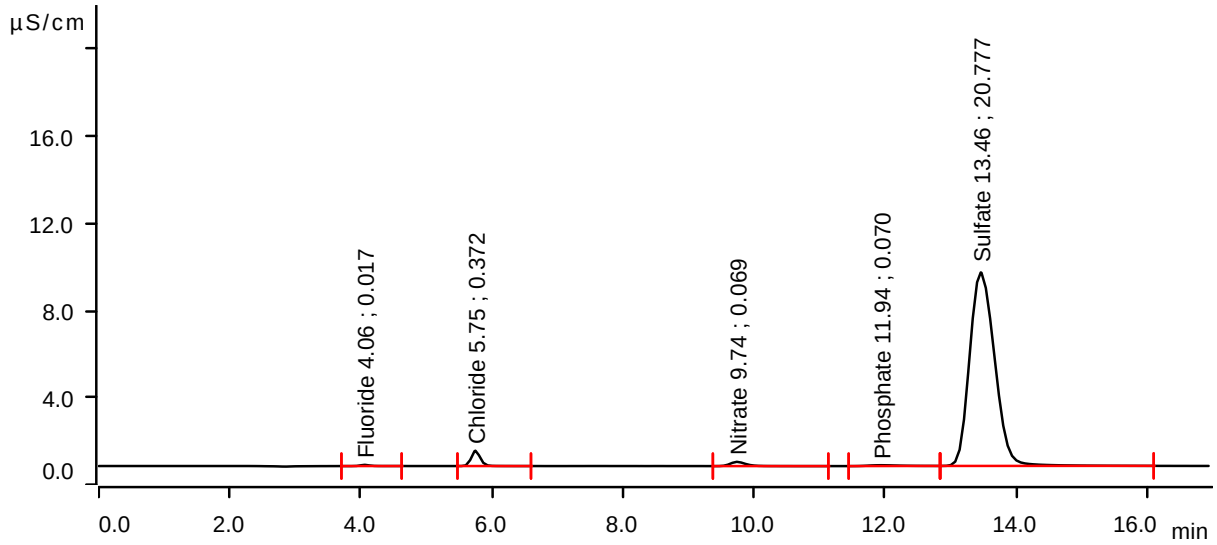
Sample data

Ident	**21F0123-06**
Sample type	Sample
Determination start	2021-06-09 00:20:50 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.0093	0.055	0.017	Fluoride
2	5.748	0.1125	0.704	0.372	Chloride
3	9.738	0.0533	0.194	0.069	Nitrate
4	11.942	0.0202	0.038	0.070	Phosphate
5	13.457	3.9353	8.886	20.777	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06RE1 A	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-06RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 11:57
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	16.0	4	0.400	0.400	D

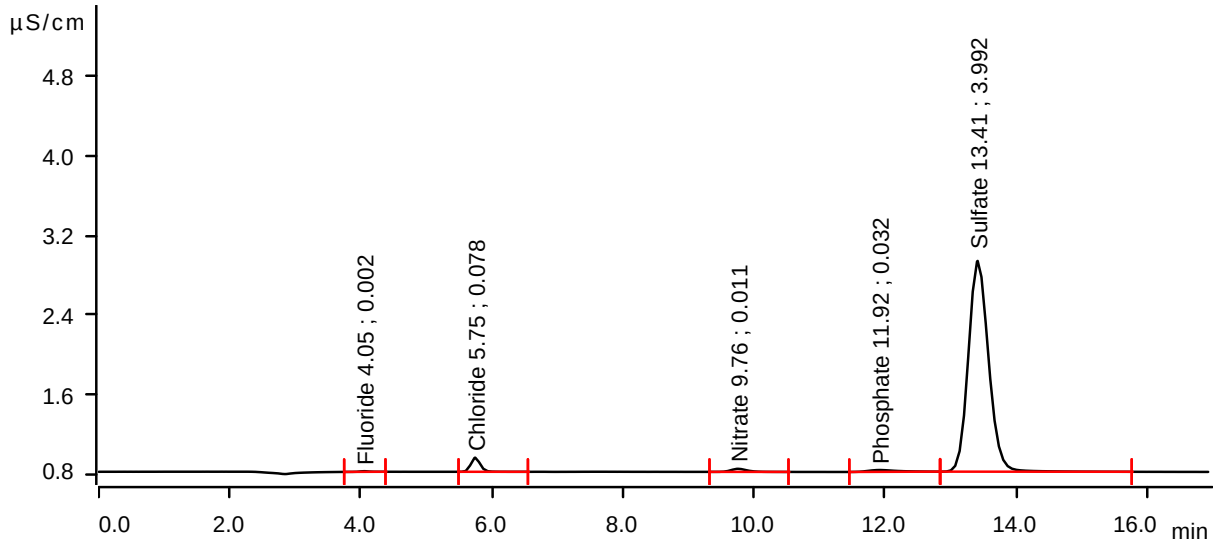
Sample data

Ident	**21F0123-06RE1**
Sample type	Sample
Determination start	2021-06-10 11:57:00 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**4.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0011	0.007	0.002	Fluoride
2	5.745	0.0236	0.142	0.078	Chloride
3	9.755	0.0087	0.031	0.011	Nitrate
4	11.915	0.0093	0.018	0.032	Phosphate
5	13.410	0.7561	2.112	3.992	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 B	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-07
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 00:40
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.174	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	4.41	1	0.100	0.100	

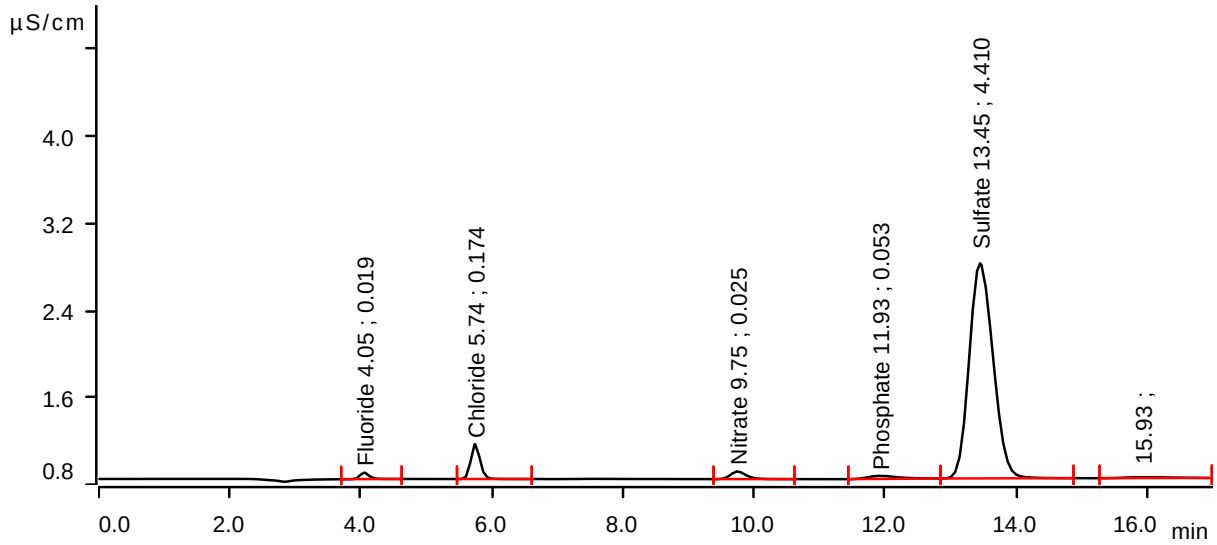
Sample data

Ident	**21F0123-07**
Sample type	Sample
Determination start	2021-06-09 00:40:51 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	mg/L	
1	4.050	0.0100	0.059	0.019	Fluoride
2	5.743	0.0526	0.321	0.174	Chloride
3	9.747	0.0196	0.070	0.025	Nitrate
4	11.925	0.0152	0.028	0.053	Phosphate
5	13.447	0.8352	1.976	4.410	Sulfate
6	15.927	0.0071	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 B	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-08
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 01:00
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.168	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	4.89	1	0.100	0.100	

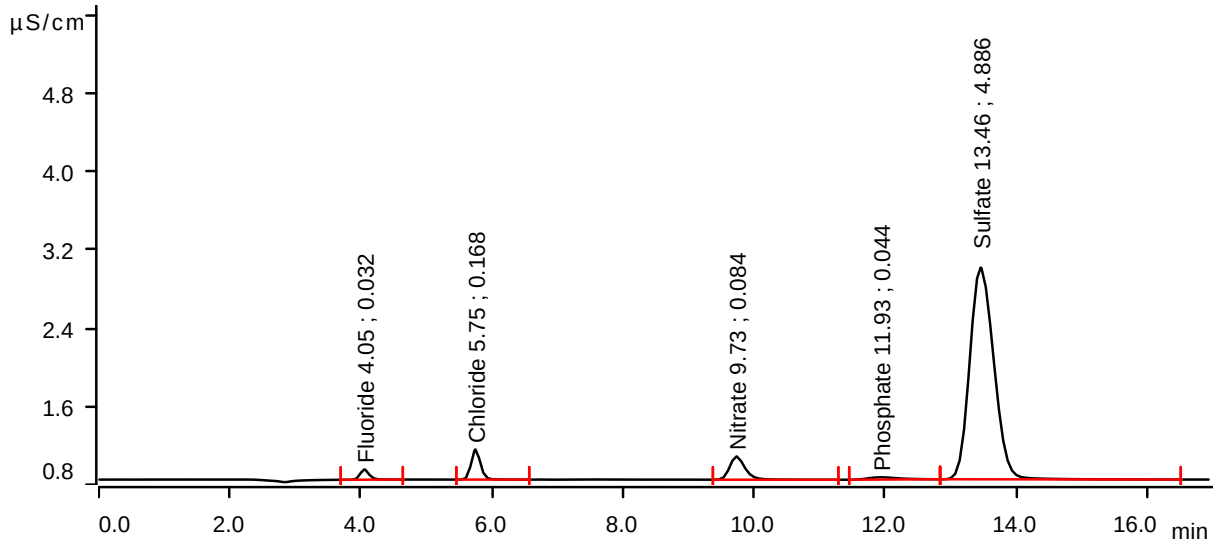
Sample data

Ident	**21F0123-08**
Sample type	Sample
Determination start	2021-06-09 01:00:49 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.48	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.052	0.0170	0.105	0.032	Fluoride
2	5.748	0.0507	0.308	0.168	Chloride
3	9.730	0.0649	0.238	0.084	Nitrate
4	11.932	0.0127	0.023	0.044	Phosphate
5	13.455	0.9255	2.166	4.886	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 B	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-09
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 01:20
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.552	1	0.100	0.100	
14797-55-8	Nitrate-N	0.138	1	0.100	0.100	H

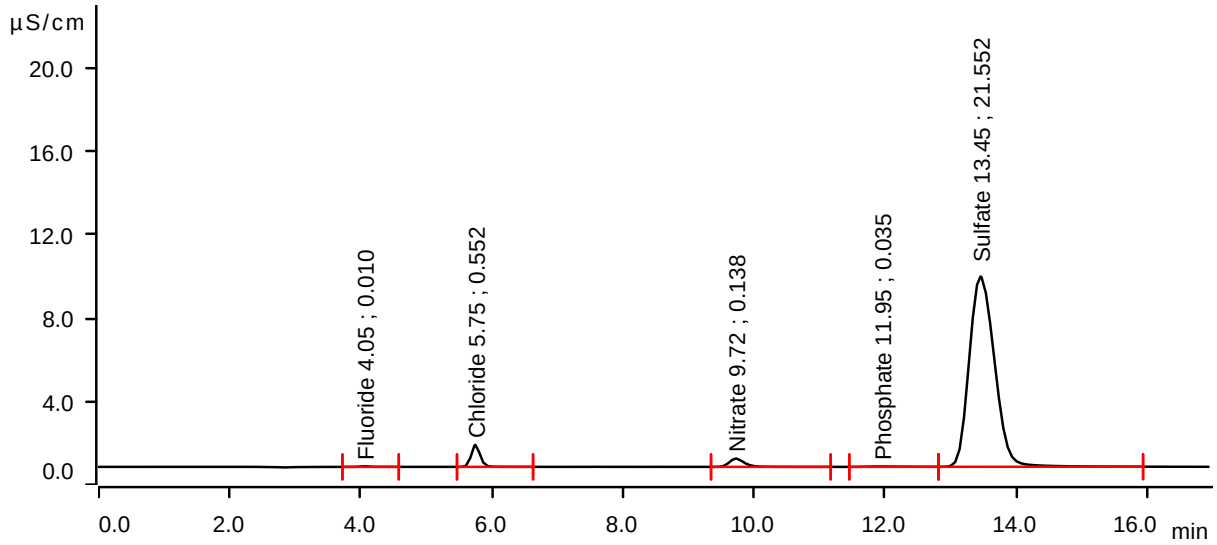
Sample data

Ident	**21F0123-09**
Sample type	Sample
Determination start	2021-06-09 01:20:47 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.54	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0053	0.031	0.010	Fluoride
2	5.747	0.1670	1.058	0.552	Chloride
3	9.720	0.1065	0.398	0.138	Nitrate
4	11.948	0.0100	0.018	0.035	Phosphate
5	13.453	4.0820	9.137	21.552	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09RE1 B	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-09RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 12:56
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	16.7	4	0.400	0.400	D

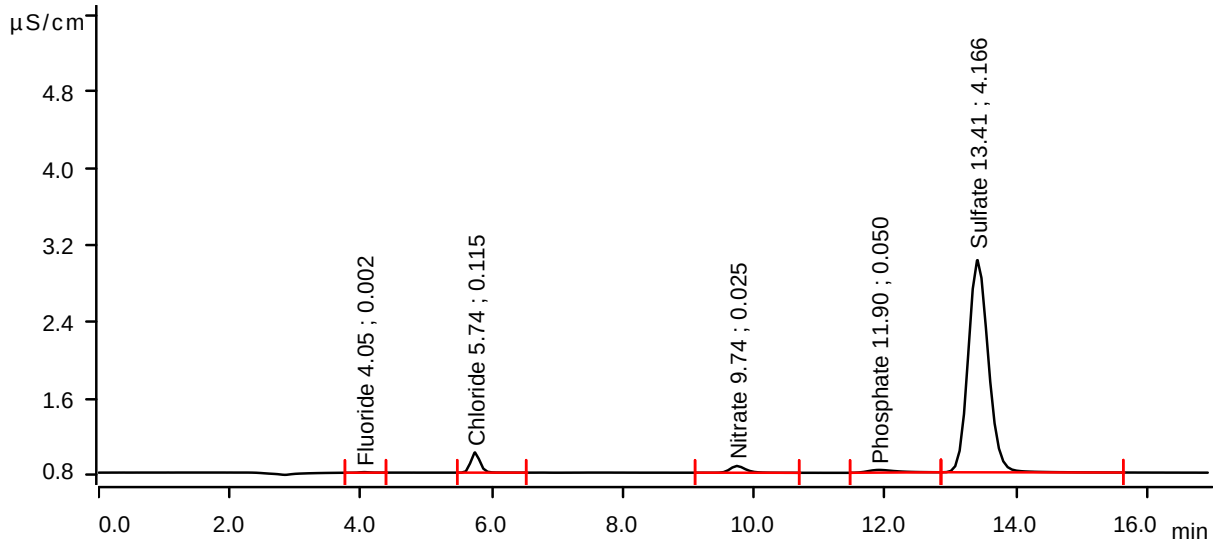
Sample data

Ident	**21F0123-09RE1**
Sample type	Sample
Determination start	2021-06-10 12:56:37 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**4.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0010	0.006	0.002	Fluoride
2	5.742	0.0347	0.211	0.115	Chloride
3	9.738	0.0195	0.071	0.025	Nitrate
4	11.903	0.0144	0.028	0.050	Phosphate
5	13.408	0.7890	2.215	4.166	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 B	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-10
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 01:40
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.541	1	0.100	0.100	
14797-55-8	Nitrate-N	0.261	1	0.100	0.100	H

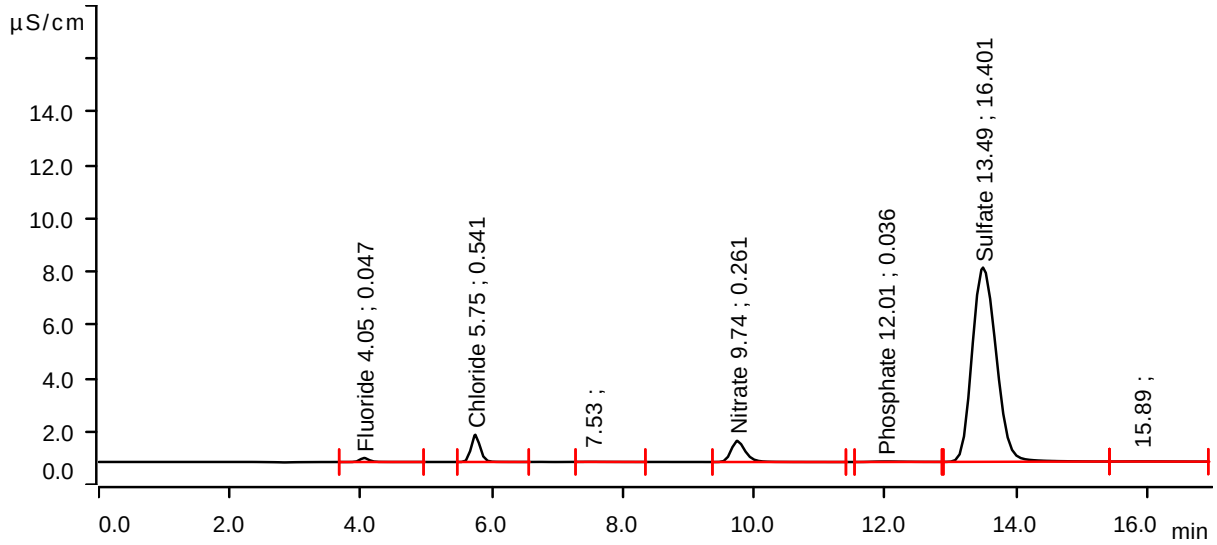
Sample data

Ident	**21F0123-10**
Sample type	Sample
Determination start	2021-06-09 01:40:44 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0250	0.151	0.047	Fluoride
2	5.747	0.1637	1.023	0.541	Chloride
3	7.533	0.0016	0.004	invalid	
4	9.743	0.2022	0.797	0.261	Nitrate
5	12.007	0.0104	0.019	0.036	Phosphate
6	13.492	3.1065	7.298	16.401	Sulfate
7	15.893	0.0049	0.007	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10RE1 B	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-10RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 13:16
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	13.8	3	0.300	0.300	D

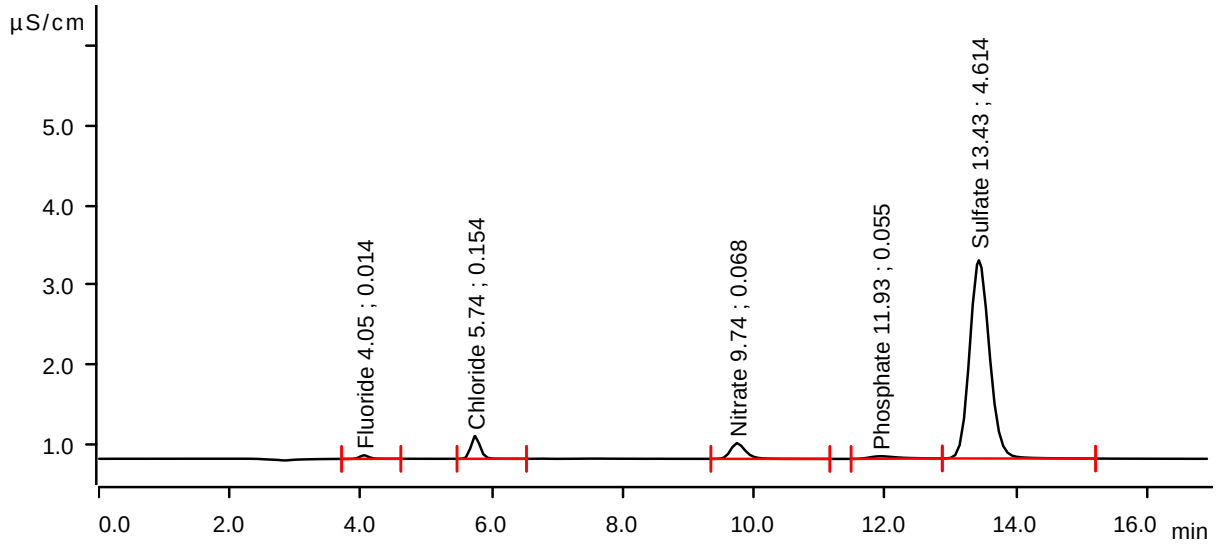
Sample data

Ident	**21F0123-10RE1**
Sample type	Sample
Determination start	2021-06-10 13:16:20 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**3.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0074	0.044	0.014	Fluoride
2	5.743	0.0467	0.285	0.154	Chloride
3	9.740	0.0524	0.196	0.068	Nitrate
4	11.933	0.0159	0.032	0.055	Phosphate
5	13.428	0.8739	2.482	4.614	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 B	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-11
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 02:00
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.329	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

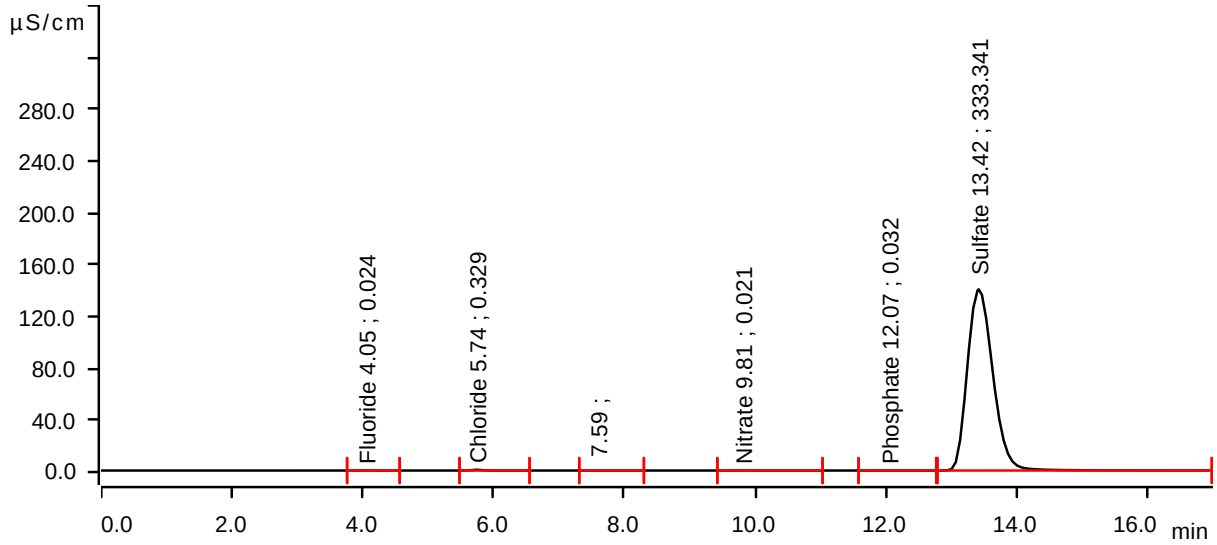
Sample data

Ident	**21F0123-11**
Sample type	Sample
Determination start	2021-06-09 02:00:43 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.54	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0129	0.075	0.024	Fluoride
2	5.742	0.0997	0.618	0.329	Chloride
3	7.590	0.0014	0.003	invalid	
4	9.808	0.0160	0.053	0.021	Nitrate
5	12.070	0.0093	0.016	0.032	Phosphate
6	13.418	63.1363	139.941	333.341	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11RE1 B	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-11RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 13:36
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	230	65	6.50	6.50	D

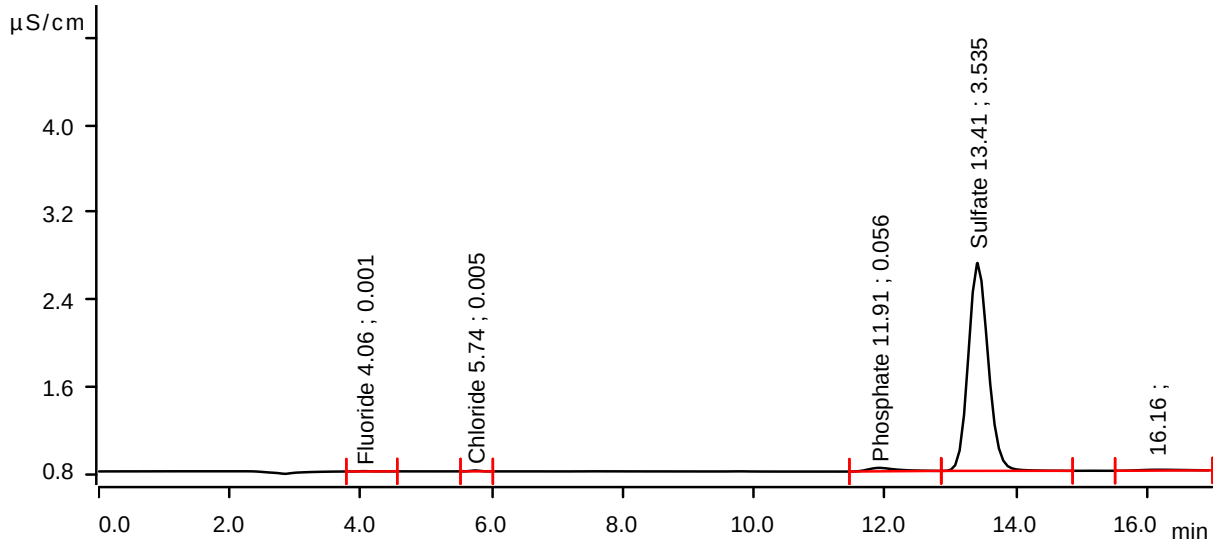
Sample data

Ident	**21F0123-11RE1**
Sample type	Sample
Determination start	2021-06-10 13:36:02 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**65.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	mg/L	
1	4.055	0.0006	0.003	0.001	Fluoride
2	5.742	0.0014	0.008	0.005	Chloride
3	11.907	0.0162	0.032	0.056	Phosphate
4	13.408	0.6695	1.909	3.535	Sulfate
5	16.163	0.0057	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 B	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-12
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 02:20
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.306	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

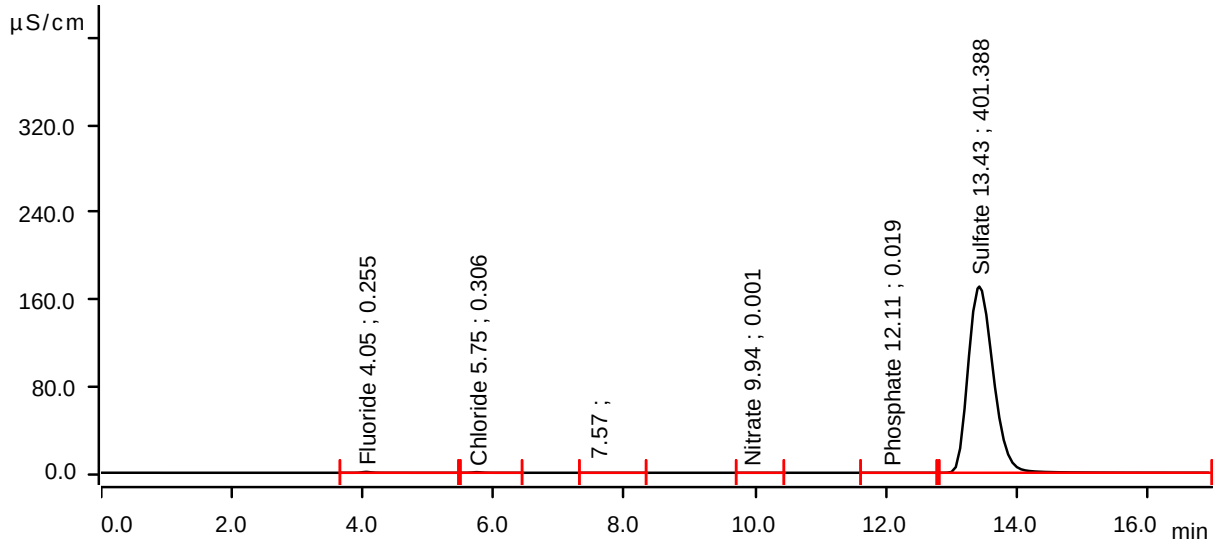
Sample data

Ident	**21F0123-12**
Sample type	Sample
Determination start	2021-06-09 02:20:40 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.54	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.052	0.1371	0.817	0.255	Fluoride
2	5.747	0.0925	0.573	0.306	Chloride
3	7.567	0.0016	0.004	invalid	
4	9.937	0.0009	0.003	0.001	Nitrate
5	12.107	0.0054	0.009	0.019	Phosphate
6	13.427	76.0248	171.042	401.388	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12RE1 B	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-12RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 13:55
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	268	78	7.80	7.80	D

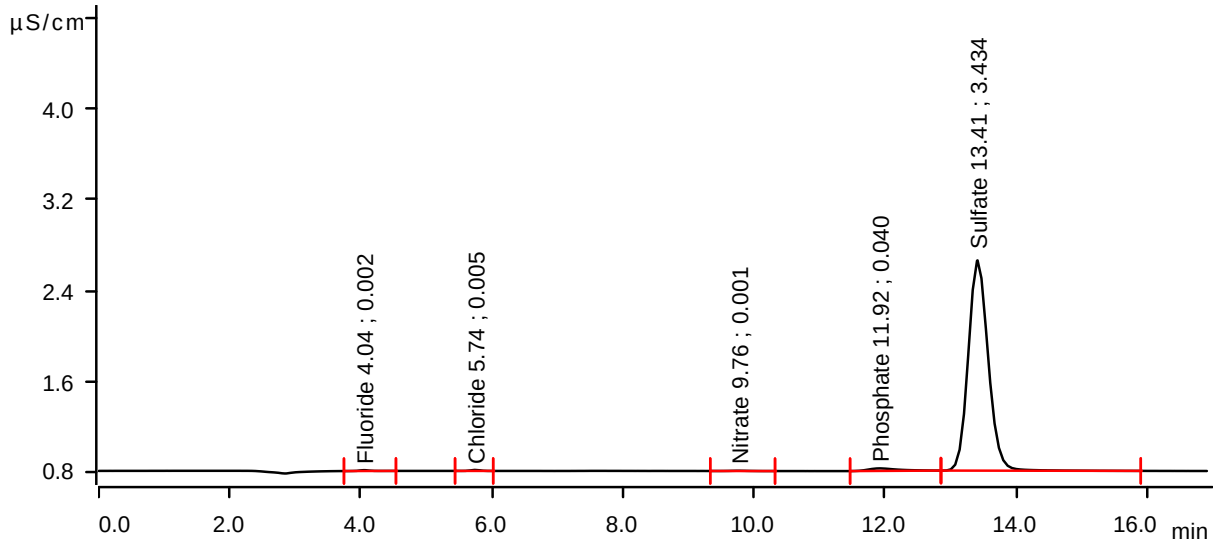
Sample data

Ident	**21F0123-12RE1**
Sample type	Sample
Determination start	2021-06-10 13:55:47 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**78.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.043	0.0013	0.007	0.002	Fluoride
2	5.742	0.0015	0.009	0.005	Chloride
3	9.763	0.0008	0.002	0.001	Nitrate
4	11.918	0.0115	0.022	0.040	Phosphate
5	13.408	0.6504	1.843	3.434	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 B	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-13
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 02:40
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.412	1	0.100	0.100	
14797-55-8	Nitrate-N	0.628	1	0.100	0.100	H

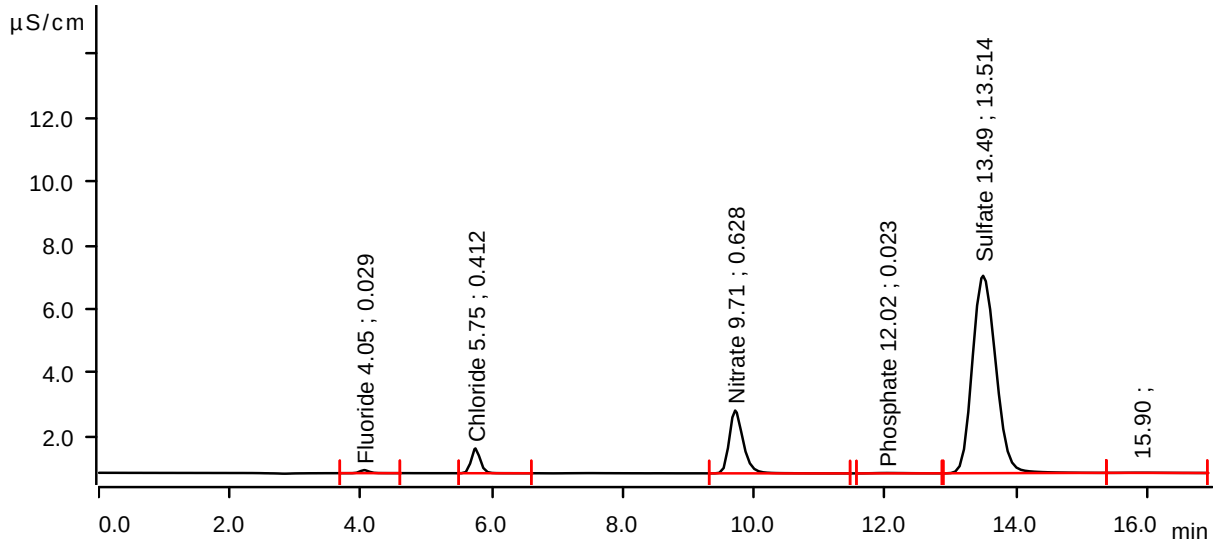
Sample data

Ident	**21F0123-13**
Sample type	Sample
Determination start	2021-06-09 02:40:38 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.54	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0158	0.096	0.029	Fluoride
2	5.748	0.1248	0.777	0.412	Chloride
3	9.710	0.4856	1.968	0.628	Nitrate
4	12.023	0.0067	0.012	0.023	Phosphate
5	13.493	2.5596	6.182	13.514	Sulfate
6	15.903	0.0050	0.007	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13RE1 B	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-13RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 14:15
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	11.3	3	0.300	0.300	D

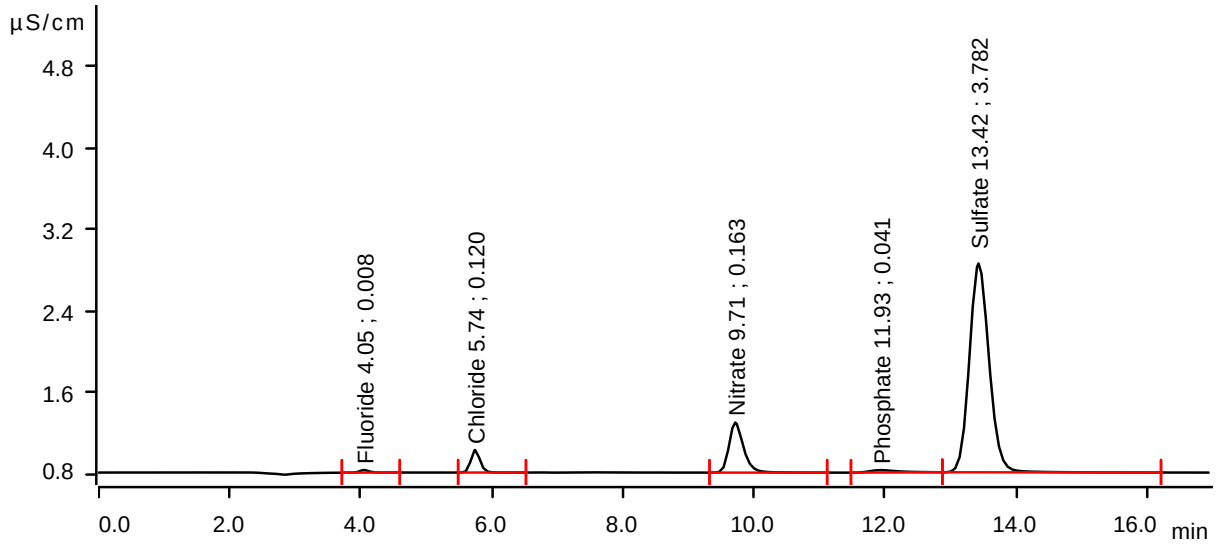
Sample data

Ident	**21F0123-13RE1**
Sample type	Sample
Determination start	2021-06-10 14:15:33 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**3.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.047	0.0044	0.026	0.008	Fluoride
2	5.743	0.0363	0.221	0.120	Chloride
3	9.712	0.1263	0.492	0.163	Nitrate
4	11.933	0.0119	0.024	0.041	Phosphate
5	13.423	0.7164	2.048	3.782	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 B	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-14
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 03:00
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.470	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

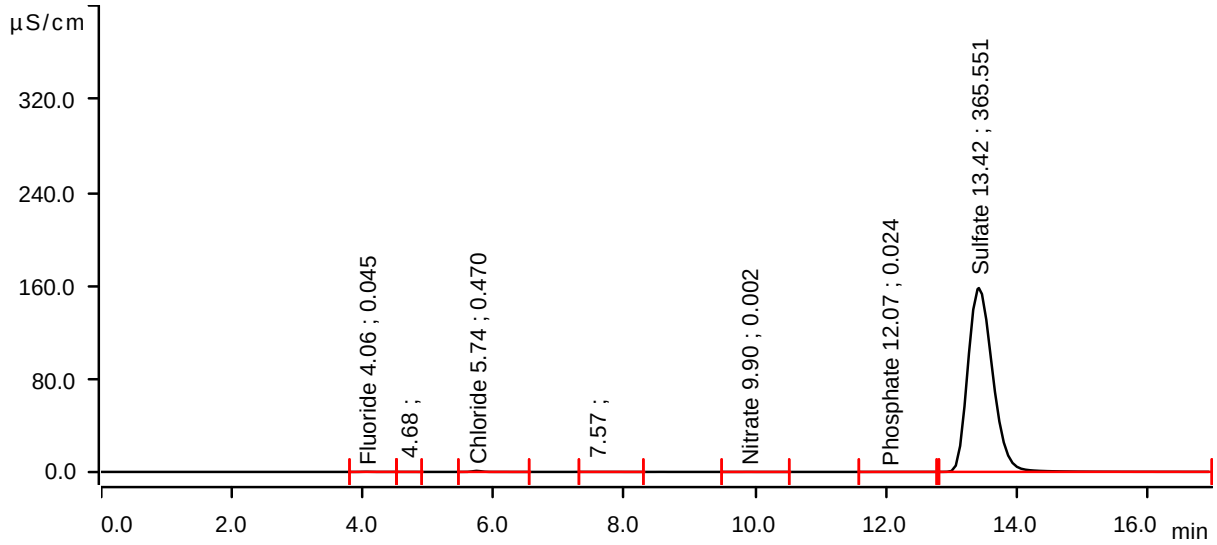
Sample data

Ident	**21F0123-14**
Sample type	Sample
Determination start	2021-06-09 03:00:35 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.60	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.0241	0.141	0.045	Fluoride
2	4.682	0.0005	0.003	invalid	
3	5.742	0.1422	0.893	0.470	Chloride
4	7.568	0.0015	0.004	invalid	
5	9.898	0.0014	0.004	0.002	Nitrate
6	12.073	0.0068	0.012	0.024	Phosphate
7	13.420	69.2370	157.341	365.551	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14RE1 B	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-14RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 14:35
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	253	71	7.10	7.10	D

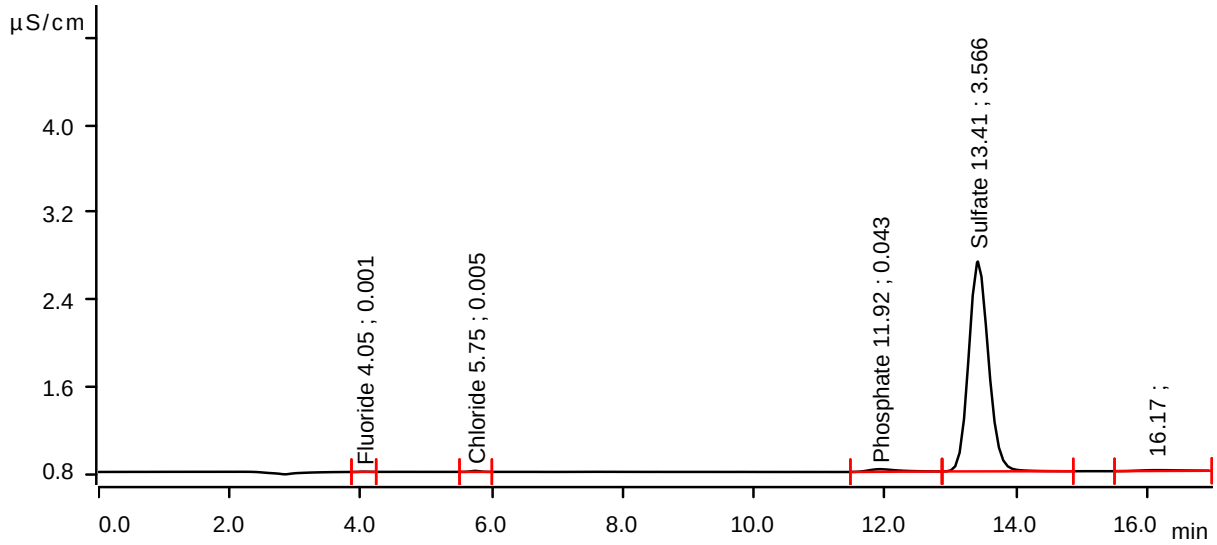
Sample data

Ident	**21F0123-14RE1**
Sample type	Sample
Determination start	2021-06-10 14:35:17 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**71.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.047	0.0004	0.003	0.001	Fluoride
2	5.747	0.0016	0.010	0.005	Chloride
3	11.920	0.0124	0.024	0.043	Phosphate
4	13.413	0.6754	1.927	3.566	Sulfate
5	16.165	0.0057	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 B	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-15
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 03:20
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.314	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

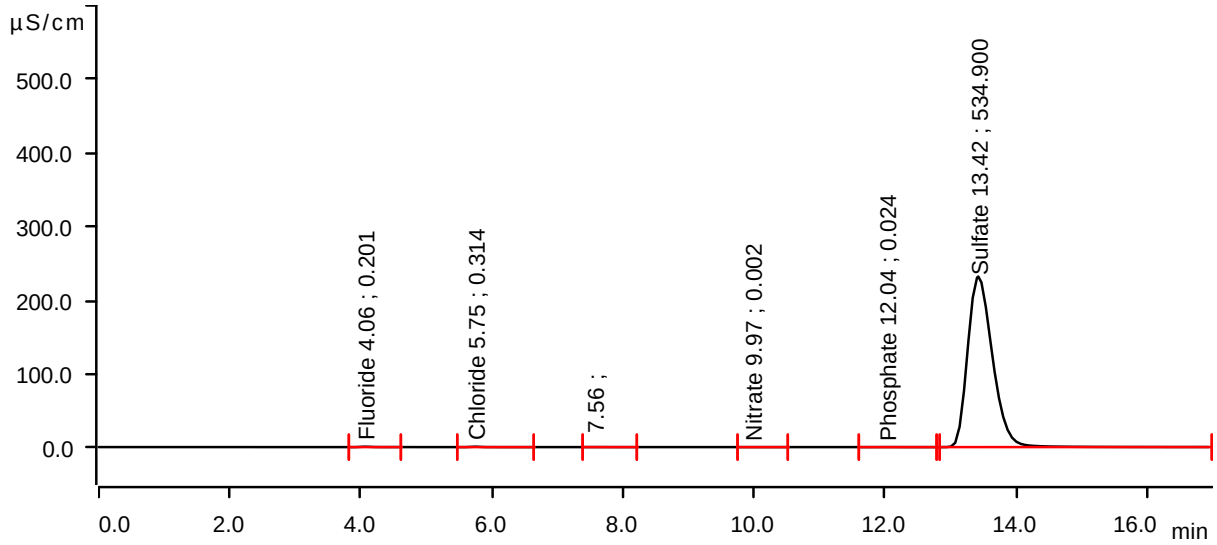
Sample data

Ident	**21F0123-15**
Sample type	Sample
Determination start	2021-06-09 03:20:34 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.063	0.1084	0.610	0.201	Fluoride
2	5.747	0.0949	0.592	0.314	Chloride
3	7.555	0.0014	0.005	invalid	
4	9.972	0.0012	0.004	0.002	Nitrate
5	12.038	0.0068	0.013	0.024	Phosphate
6	13.420	101.3127	231.446	534.900	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15RE1 B	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-15RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 14:54
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	379	100	10.0	10.0	D

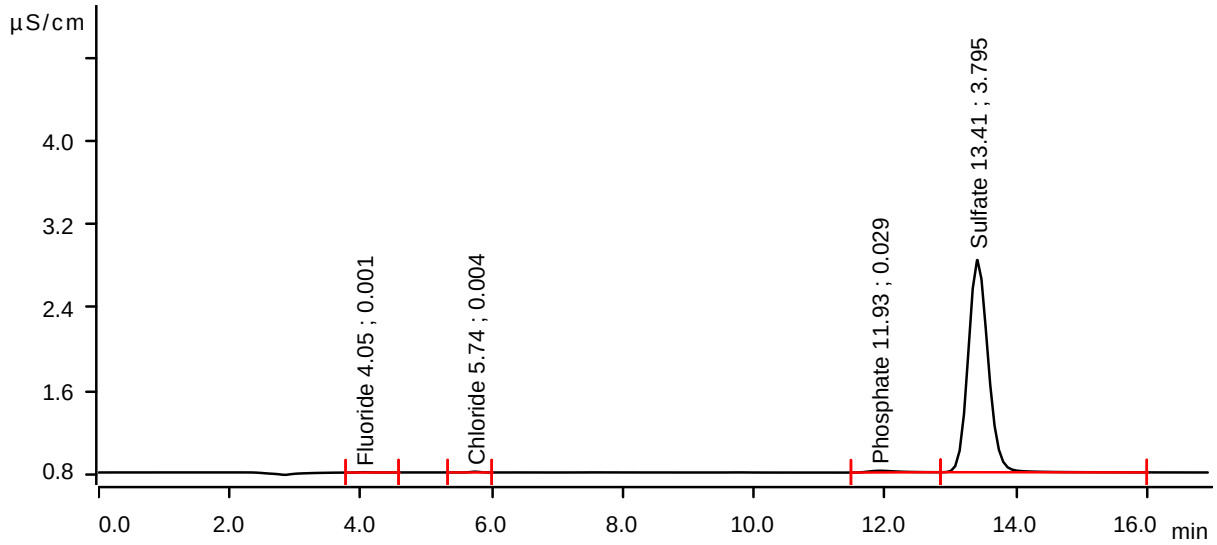
Sample data

Ident	**21F0123-15RE1**
Sample type	Sample
Determination start	2021-06-10 14:54:59 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**100.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.88	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0007	0.003	0.001	Fluoride
2	5.742	0.0013	0.008	0.004	Chloride
3	11.927	0.0085	0.016	0.029	Phosphate
4	13.407	0.7187	2.039	3.795	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 B	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-16
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 04:20
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.903	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

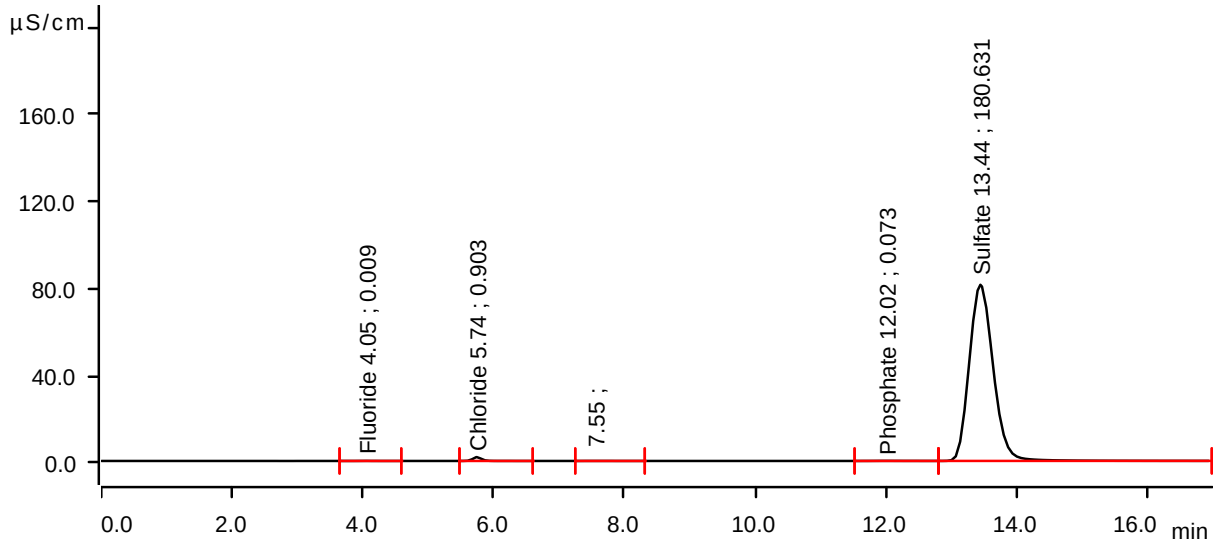
Sample data

Ident	**21F0123-16**
Sample type	Sample
Determination start	2021-06-09 04:20:33 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0049	0.027	0.009	Fluoride
2	5.743	0.2735	1.756	0.903	Chloride
3	7.550	0.0013	0.003	invalid	
4	12.015	0.0211	0.040	0.073	Phosphate
5	13.443	34.2124	80.902	180.631	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16RE1 B	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-16RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 15:14
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	125	35	3.50	3.50	D

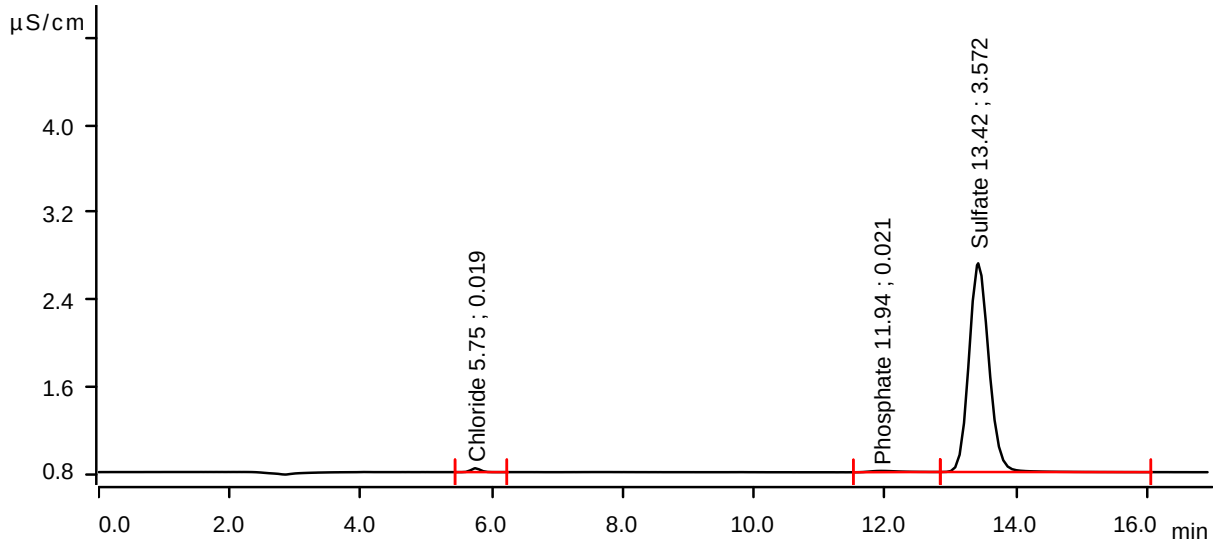
Sample data

Ident	**21F0123-16RE1**
Sample type	Sample
Determination start	2021-06-10 15:14:42 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**35.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	5.747	0.0059	0.035	0.019	Chloride
2	11.940	0.0062	0.012	0.021	Phosphate
3	13.418	0.6765	1.917	3.572	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 B	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-17
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 04:40
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.353	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

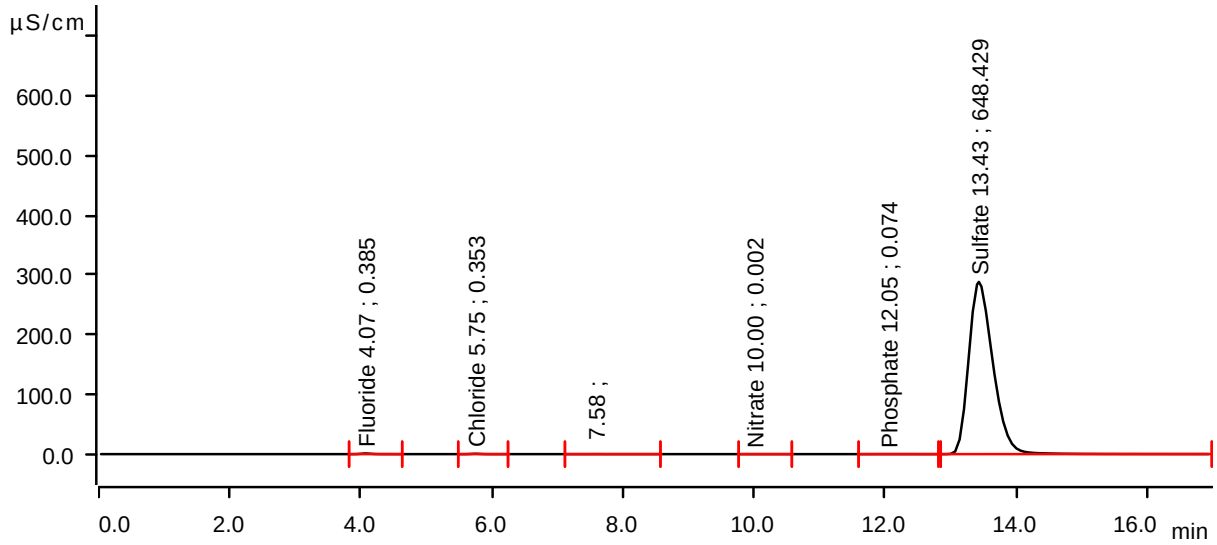
Sample data

Ident	**21F0123-17**
Sample type	Sample
Determination start	2021-06-09 04:40:37 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.070	0.2071	1.160	0.385	Fluoride
2	5.747	0.1068	0.672	0.353	Chloride
3	7.583	0.0086	0.018	invalid	
4	10.000	0.0016	0.005	0.002	Nitrate
5	12.048	0.0213	0.046	0.074	Phosphate
6	13.428	122.8156	287.624	648.429	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17RE1 B	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-17RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 15:34
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	484	100	10.0	10.0	D

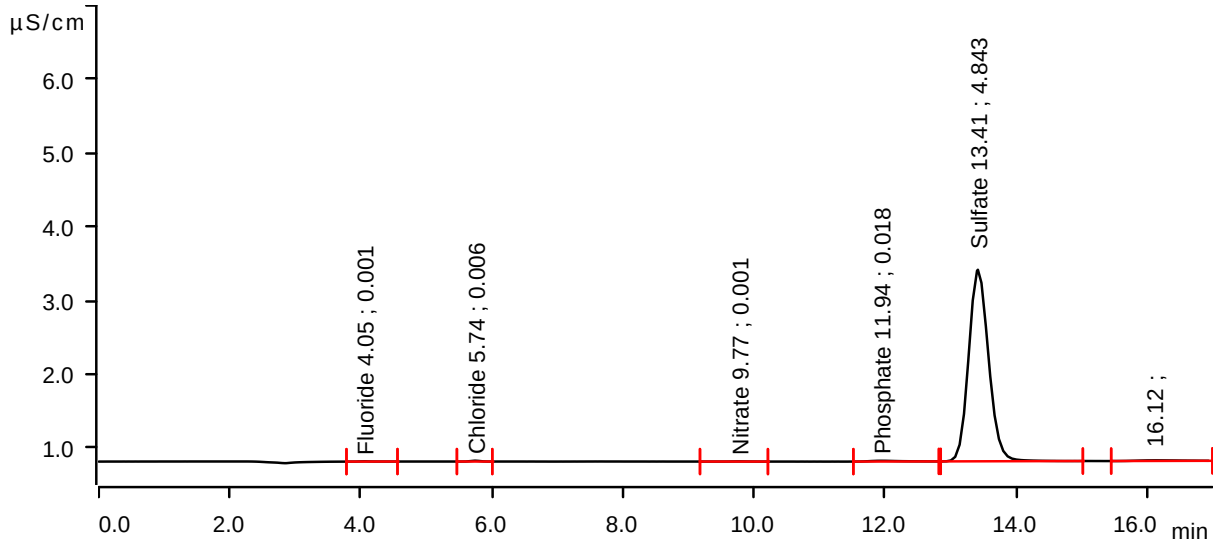
Sample data

Ident	**21F0123-17RE1**
Sample type	Sample
Determination start	2021-06-10 15:34:25 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**100.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0007	0.003	0.001	Fluoride
2	5.743	0.0019	0.012	0.006	Chloride
3	9.768	0.0007	0.002	0.001	Nitrate
4	11.940	0.0053	0.010	0.018	Phosphate
5	13.413	0.9172	2.599	4.843	Sulfate
6	16.122	0.0059	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 B	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-18
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 06:40
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.555	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

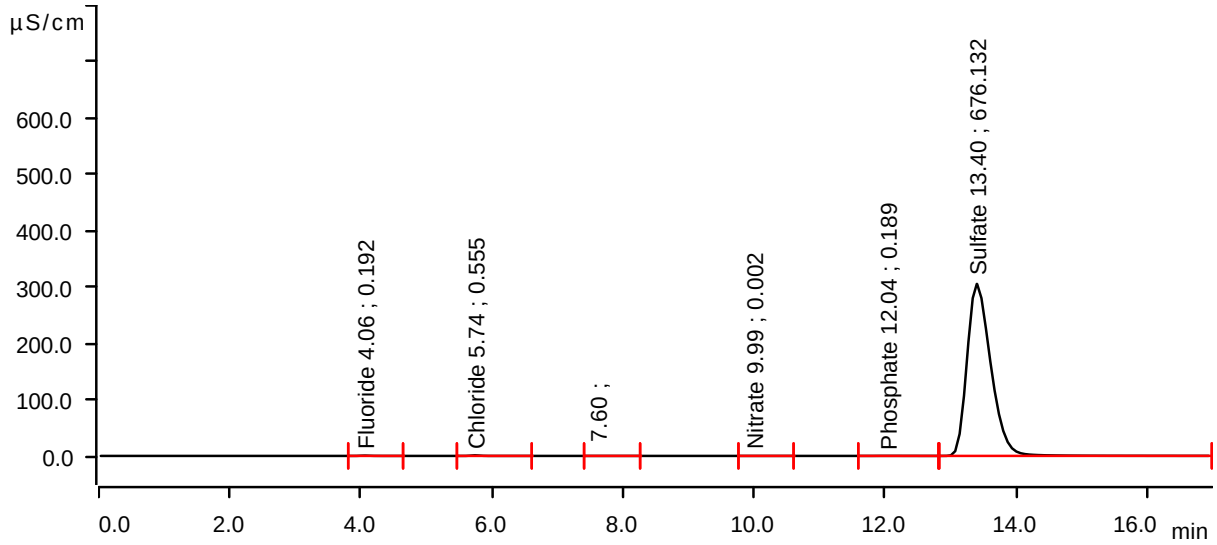
Sample data

Ident	**21F0123-18**
Sample type	Sample
Determination start	2021-06-09 06:40:22 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.058	0.1035	0.582	0.192	Fluoride
2	5.742	0.1681	1.062	0.555	Chloride
3	7.595	0.0019	0.006	invalid	
4	9.992	0.0015	0.005	0.002	Nitrate
5	12.038	0.0546	0.116	0.189	Phosphate
6	13.397	128.0626	305.198	676.132	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18RE1 B	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-18RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 17:13
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	526	100	10.0	10.0	D

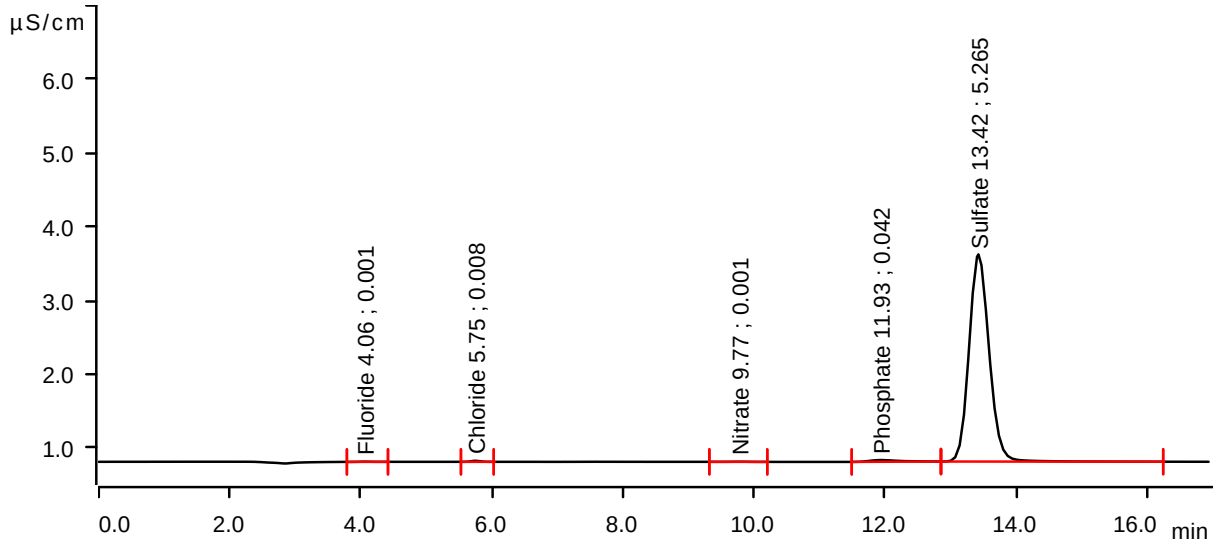
Sample data

Ident	**21F0123-18RE1**
Sample type	Sample
Determination start	2021-06-10 17:13:30 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**100.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.0006	0.003	0.001	Fluoride
2	5.747	0.0024	0.015	0.008	Chloride
3	9.767	0.0007	0.002	0.001	Nitrate
4	11.930	0.0121	0.024	0.042	Phosphate
5	13.422	0.9971	2.811	5.265	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 B	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/08/21 13:52	File ID:	SJF0090-21F0123-19
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 05:00
Batch:	BJF0193	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	<0.100	1	0.100	0.100	U
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	0.137	1	0.100	0.100	

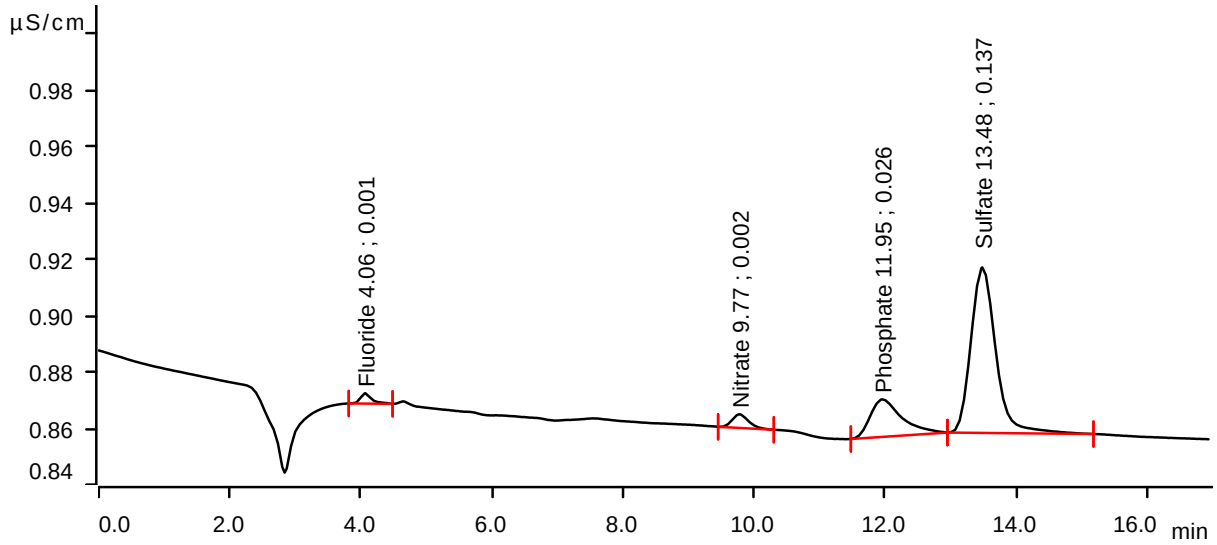
Sample data

Ident	**21F0123-19**
Sample type	Sample
Determination start	2021-06-09 05:00:34 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.063	0.0007	0.004	0.001	Fluoride
2	9.772	0.0014	0.005	0.002	Nitrate
3	11.952	0.0074	0.013	0.026	Phosphate
4	13.482	0.0259	0.059	0.137	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 B	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-21
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 08:40
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.214	1	0.100	0.100	
14797-55-8	Nitrate-N	0.159	1	0.100	0.100	H

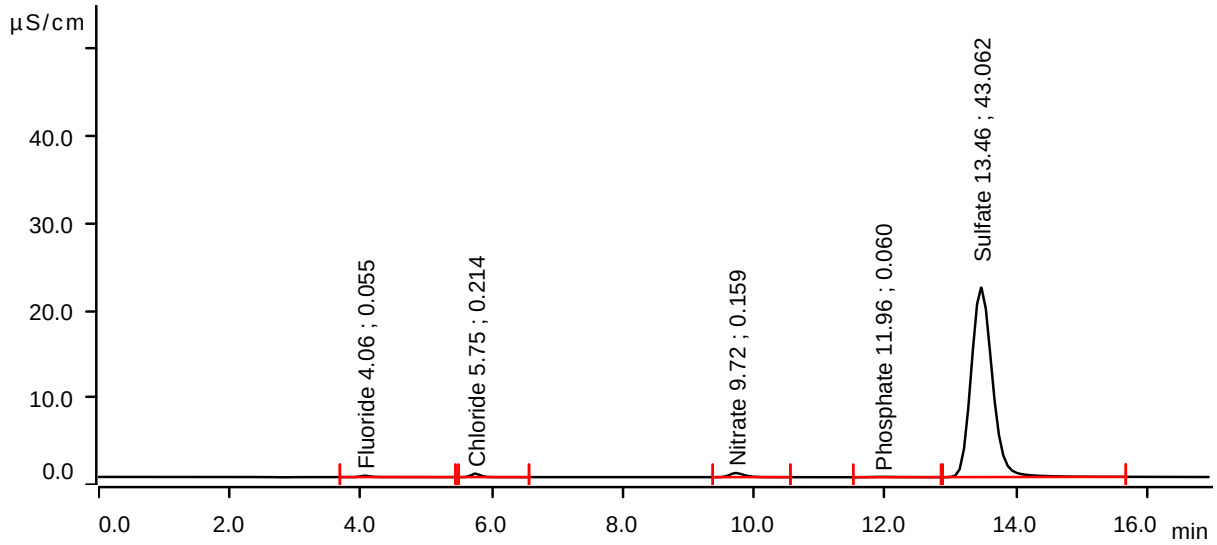
Sample data

Ident	**21F0123-21**
Sample type	Sample
Determination start	2021-06-09 08:40:26 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.060	0.0297	0.160	0.055	Fluoride
2	5.747	0.0649	0.400	0.214	Chloride
3	9.722	0.1231	0.475	0.159	Nitrate
4	11.962	0.0172	0.035	0.060	Phosphate
5	13.462	8.1562	21.757	43.062	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21RE1 B	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-21RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 17:53
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	31.5	8	0.800	0.800	D

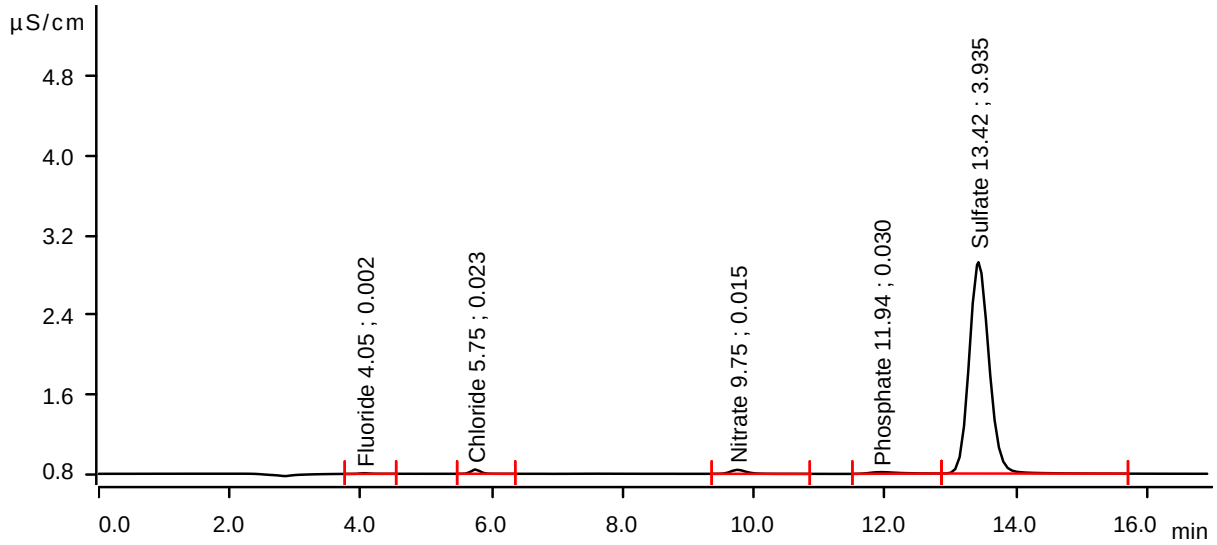
Sample data

Ident	**21F0123-21RE1**
Sample type	Sample
Determination start	2021-06-10 17:53:03 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**8.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.052	0.0013	0.007	0.002	Fluoride
2	5.747	0.0071	0.043	0.023	Chloride
3	9.745	0.0112	0.040	0.015	Nitrate
4	11.940	0.0085	0.016	0.030	Phosphate
5	13.422	0.7453	2.117	3.935	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 B	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-22
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 09:00
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.189	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	5.96	1	0.100	0.100	

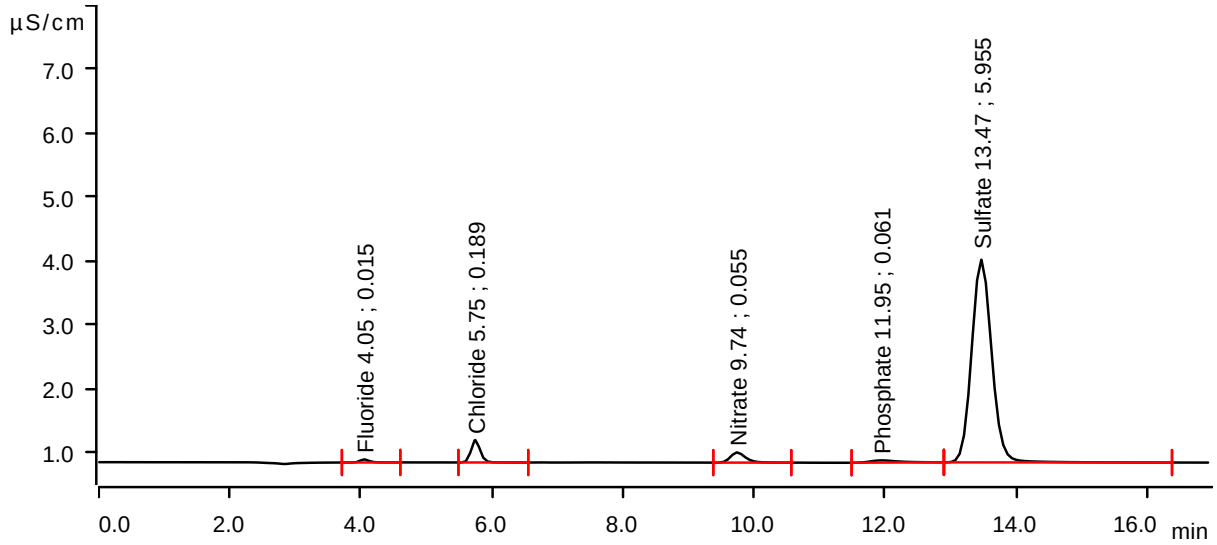
Sample data

Ident	**21F0123-22**
Sample type	Sample
Determination start	2021-06-09 09:00:23 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.88	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0079	0.047	0.015	Fluoride
2	5.747	0.0571	0.351	0.189	Chloride
3	9.738	0.0429	0.160	0.055	Nitrate
4	11.947	0.0177	0.035	0.061	Phosphate
5	13.465	1.1279	3.173	5.955	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 B	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-23
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 09:20
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.177	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

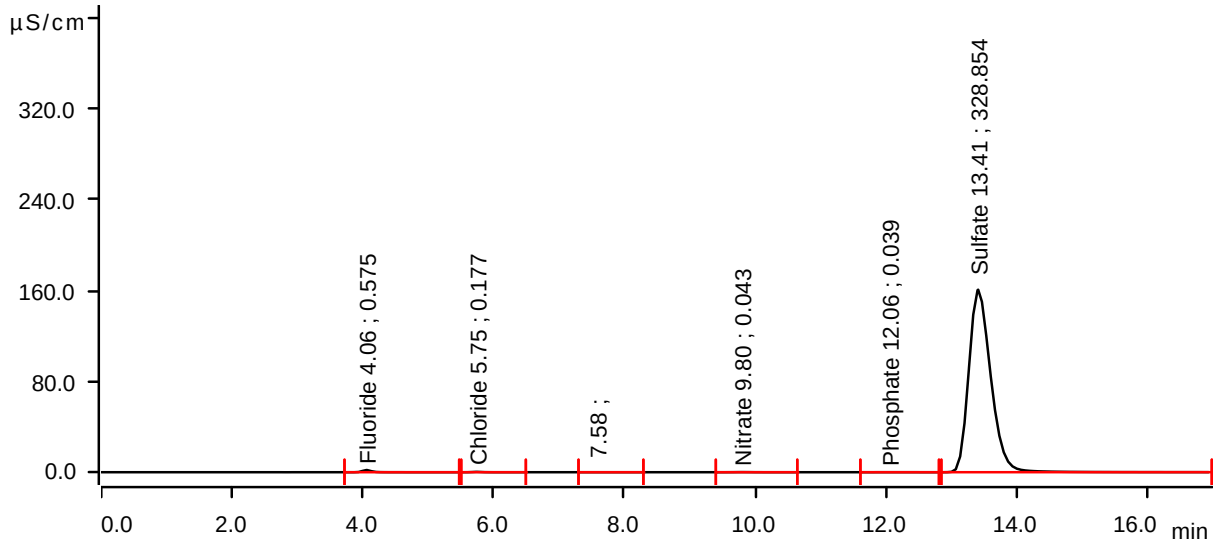
Sample data

Ident	**21F0123-23**
Sample type	Sample
Determination start	2021-06-09 09:20:21 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.3096	1.910	0.575	Fluoride
2	5.745	0.0535	0.329	0.177	Chloride
3	7.582	0.0014	0.003	invalid	
4	9.797	0.0334	0.115	0.043	Nitrate
5	12.060	0.0113	0.021	0.039	Phosphate
6	13.410	62.2865	160.022	328.854	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23RE1 B	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-23RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 18:12
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	246	64	6.40	6.40	D

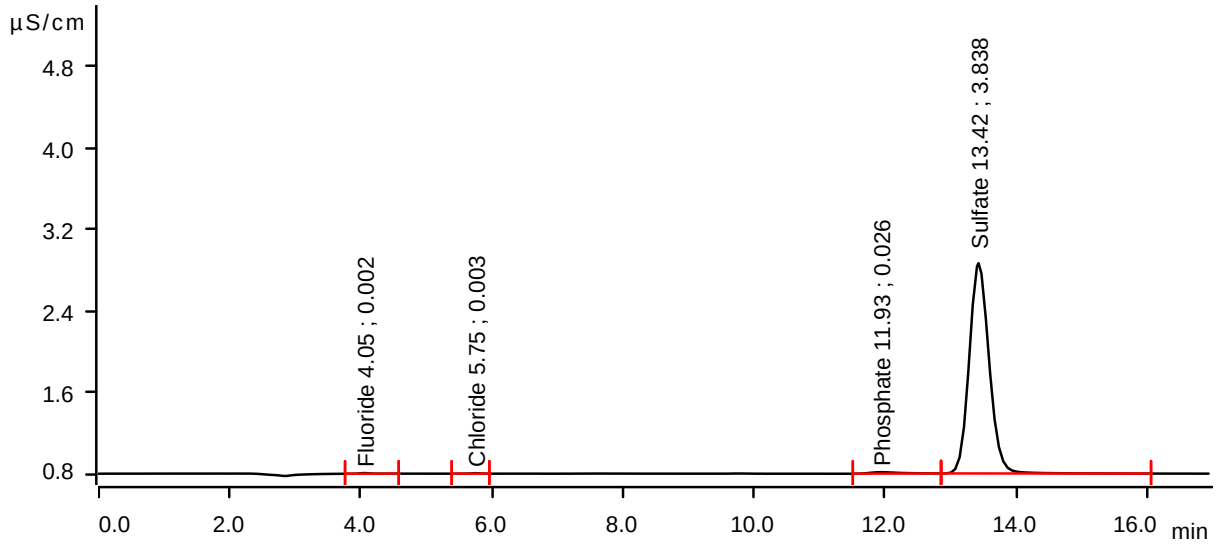
Sample data

Ident	**21F0123-23RE1**
Sample type	Sample
Determination start	2021-06-10 18:12:49 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**64.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0012	0.007	0.002	Fluoride
2	5.745	0.0008	0.005	0.003	Chloride
3	11.932	0.0074	0.014	0.026	Phosphate
4	13.423	0.7270	2.063	3.838	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 B	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-24
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 09:40
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.161	1	0.100	0.100	
14797-55-8	Nitrate-N	0.115	1	0.100	0.100	H

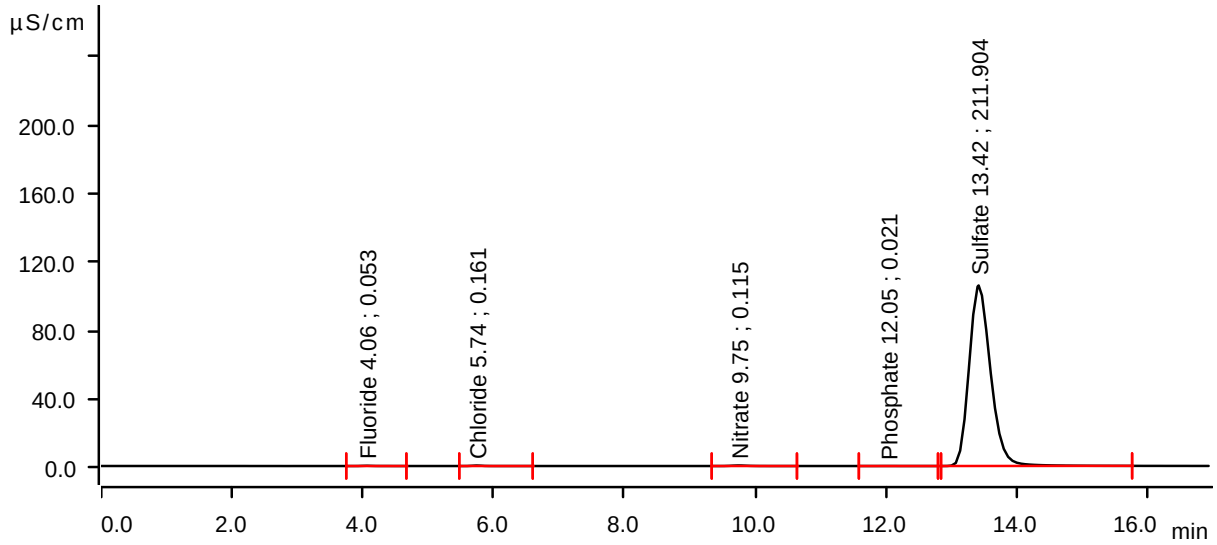
Sample data

Ident	**21F0123-24**
Sample type	Sample
Determination start	2021-06-09 09:40:19 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.060	0.0283	0.165	0.053	Fluoride
2	5.742	0.0486	0.297	0.161	Chloride
3	9.747	0.0892	0.327	0.115	Nitrate
4	12.052	0.0060	0.011	0.021	Phosphate
5	13.417	40.1356	105.517	211.904	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24RE1 B	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-24RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 18:32
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	156	41	4.10	4.10	D

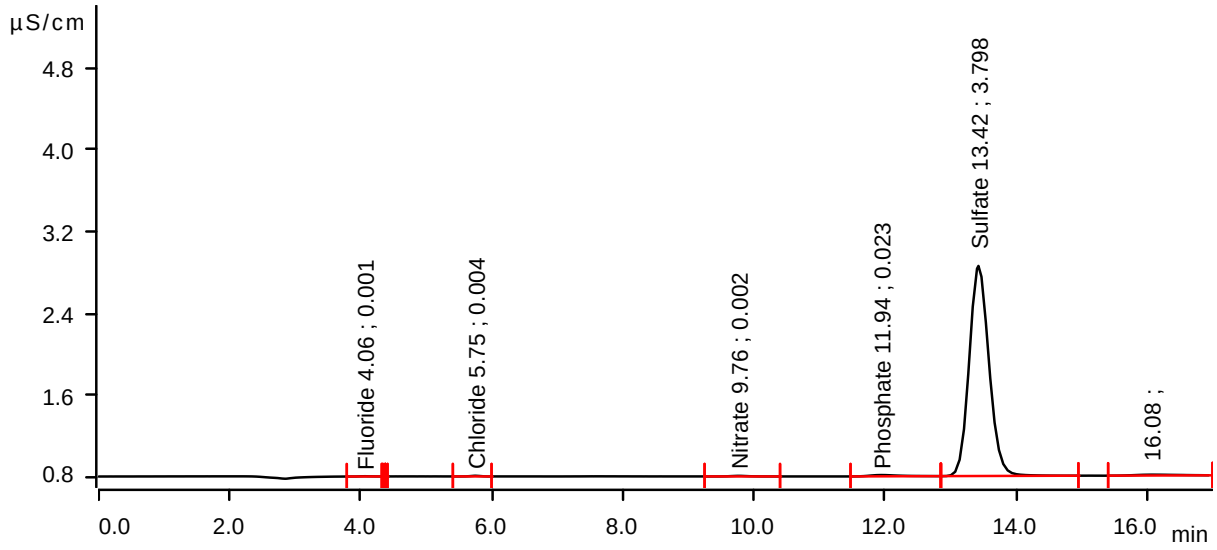
Sample data

Ident	**21F0123-24RE1**	
Sample type	Sample	
Determination start	2021-06-10 18:32:34 UTC-7	
Method / Calibration Date	EE00051-051921	
Operator	IC930	
Dilution Factor	**41.00**	

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.063	0.0004	0.002	0.001	Fluoride
2	4.355	0.0000	0.000	invalid	
3	4.382	0.0000	0.000	invalid	
4	5.747	0.0011	0.007	0.004	Chloride
5	9.760	0.0017	0.006	0.002	Nitrate
6	11.937	0.0065	0.013	0.023	Phosphate
7	13.422	0.7193	2.050	3.798	Sulfate
8	16.077	0.0064	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 B	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-25
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 10:00
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.141	1	0.100	0.100	
14797-55-8	Nitrate-N	0.186	1	0.100	0.100	H

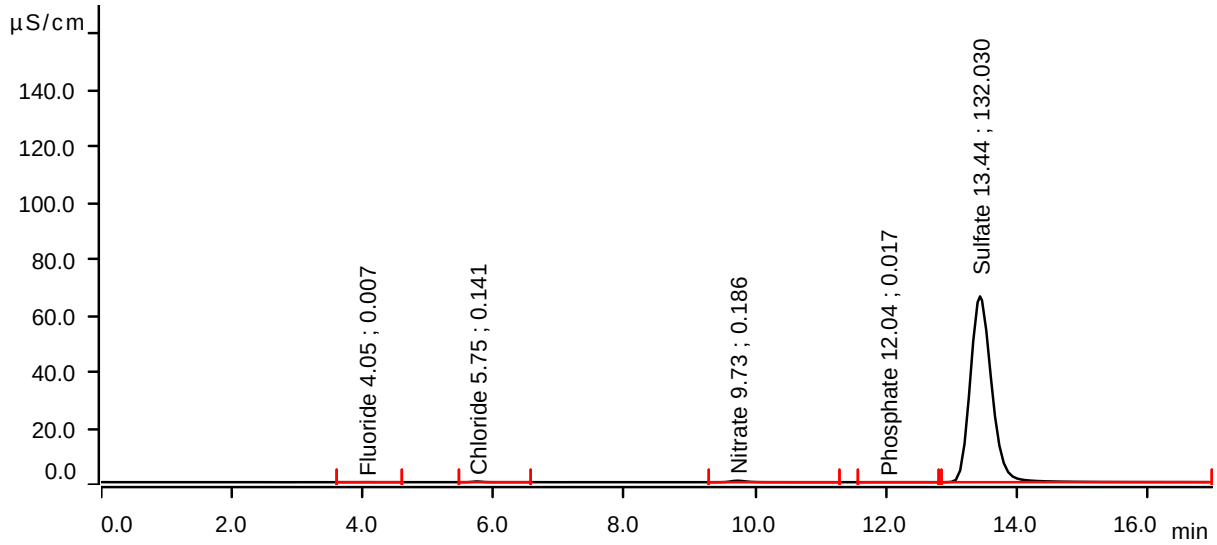
Sample data

Ident	**21F0123-25**
Sample type	Sample
Determination start	2021-06-09 10:00:16 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0039	0.021	0.007	Fluoride
2	5.747	0.0428	0.260	0.141	Chloride
3	9.728	0.1442	0.545	0.186	Nitrate
4	12.043	0.0049	0.009	0.017	Phosphate
5	13.438	25.0071	65.932	132.030	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25RE1 B	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-25RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 18:52
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	98.8	26	2.60	2.60	D

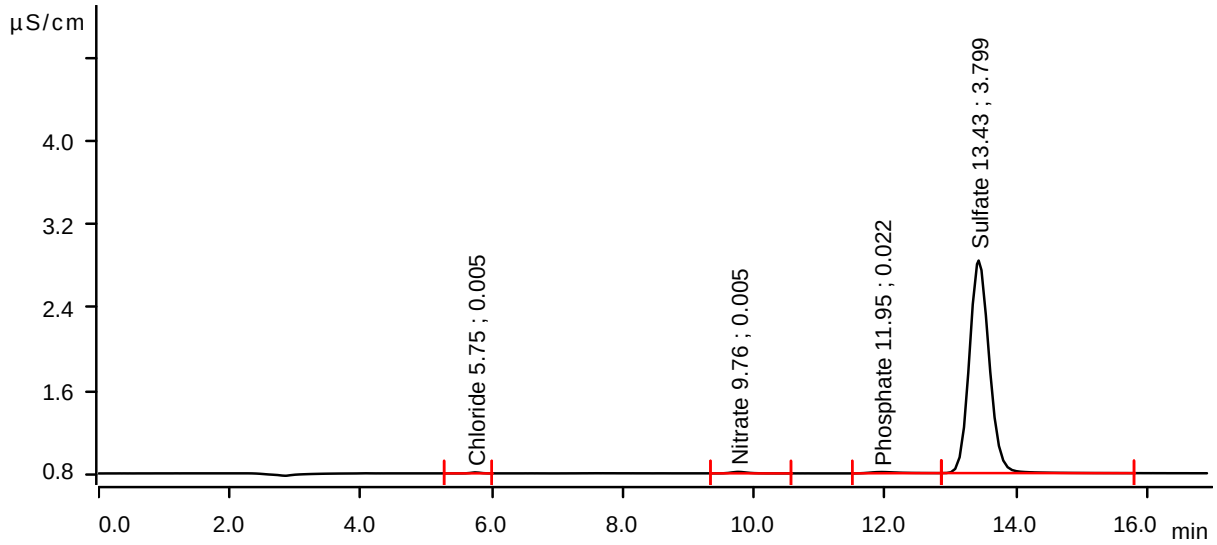
Sample data

Ident	**21F0123-25RE1**
Sample type	Sample
Determination start	2021-06-10 18:52:21 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**26.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	5.745	0.0016	0.009	0.005	Chloride
2	9.758	0.0041	0.014	0.005	Nitrate
3	11.945	0.0062	0.012	0.022	Phosphate
4	13.425	0.7196	2.041	3.799	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 A	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-26
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 10:20
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.184	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

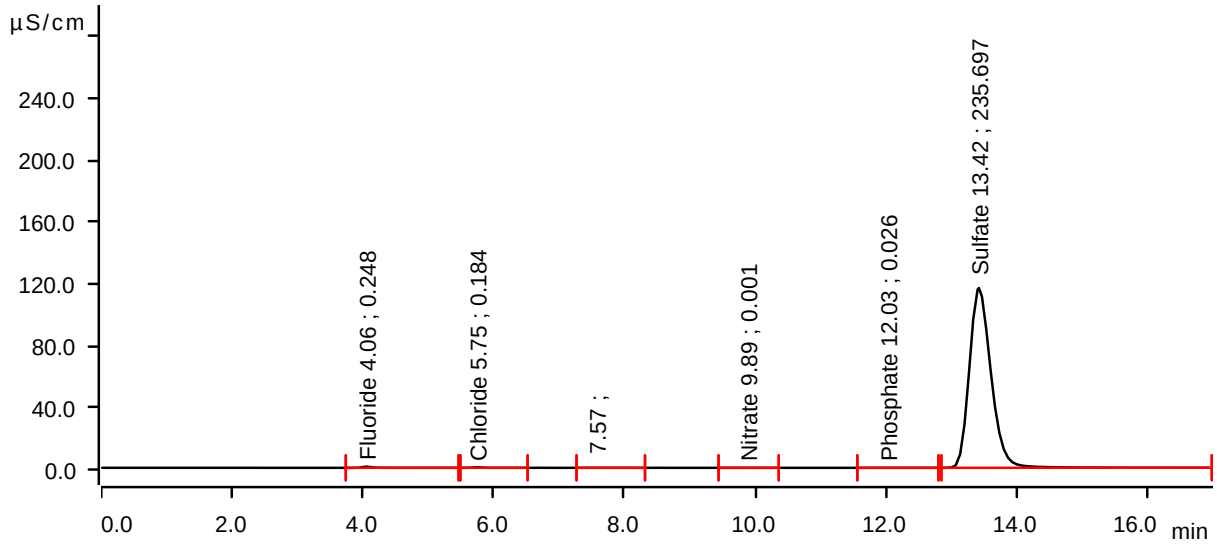
Sample data

Ident	**21F0123-26**
Sample type	Sample
Determination start	2021-06-09 10:20:14 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.1336	0.774	0.248	Fluoride
2	5.745	0.0557	0.342	0.184	Chloride
3	7.572	0.0012	0.003	invalid	
4	9.885	0.0008	0.003	0.001	Nitrate
5	12.027	0.0075	0.015	0.026	Phosphate
6	13.420	44.6422	116.361	235.697	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26RE1 A	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-26RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 19:12
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	169	46	4.60	4.60	D

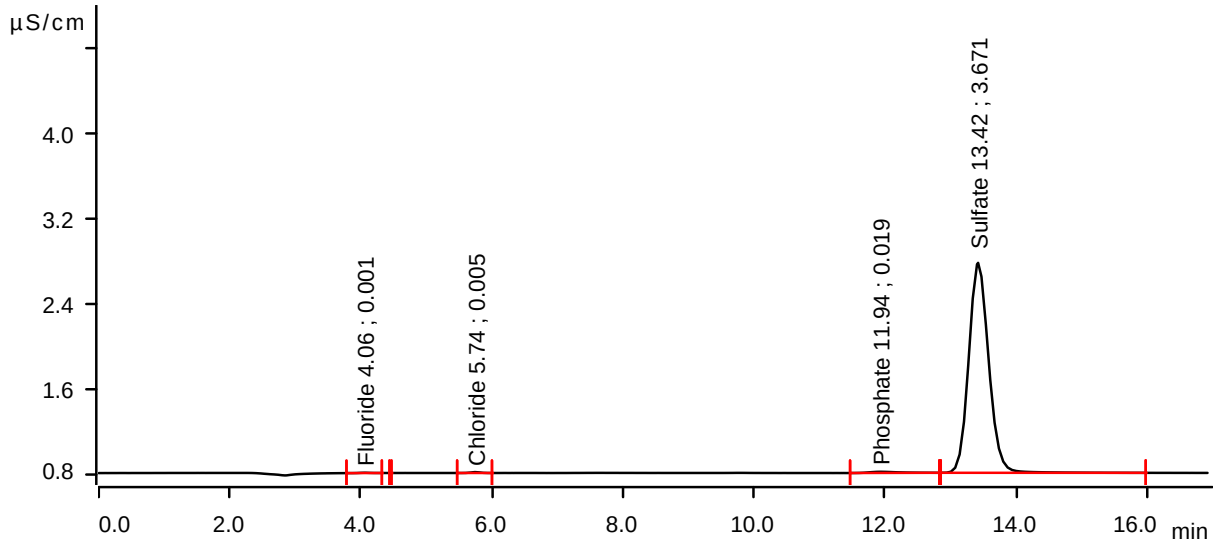
Sample data

Ident	**21F0123-26RE1**
Sample type	Sample
Determination start	2021-06-10 19:12:07 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**46.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.0006	0.003	0.001	Fluoride
2	4.452	0.0000	0.000	invalid	
3	5.743	0.0014	0.008	0.005	Chloride
4	11.940	0.0055	0.011	0.019	Phosphate
5	13.417	0.6953	1.972	3.671	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 A	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-27
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 10:40
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.156	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

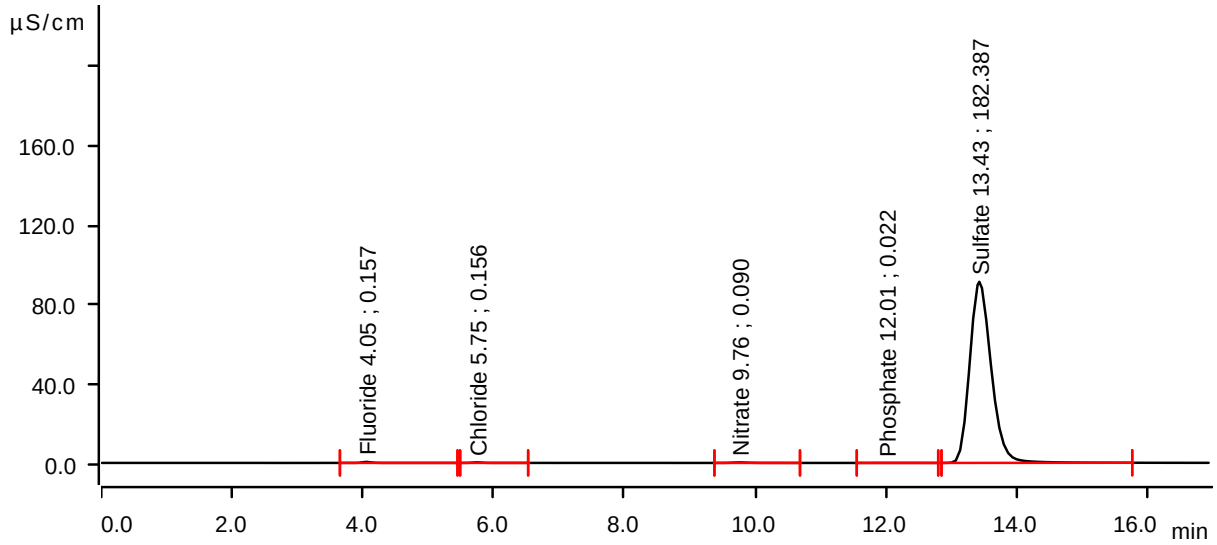
Sample data

Ident	**21F0123-27**
Sample type	Sample
Determination start	2021-06-09 10:40:12 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0846	0.512	0.157	Fluoride
2	5.745	0.0472	0.288	0.156	Chloride
3	9.757	0.0697	0.254	0.090	Nitrate
4	12.008	0.0062	0.012	0.022	Phosphate
5	13.427	34.5450	90.727	182.387	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27RE1 A	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-27RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 19:31
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	133	35	3.50	3.50	D

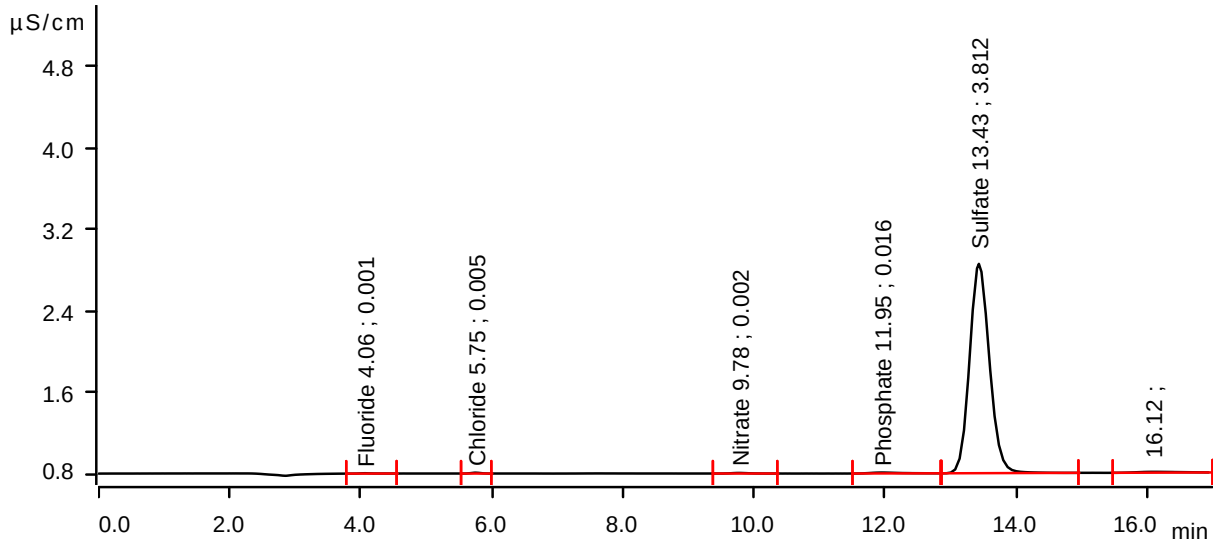
Sample data

Ident	**21F0123-27RE1**
Sample type	Sample
Determination start	2021-06-10 19:31:53 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**35.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.060	0.0007	0.004	0.001	Fluoride
2	5.750	0.0014	0.009	0.005	Chloride
3	9.775	0.0017	0.006	0.002	Nitrate
4	11.947	0.0046	0.009	0.016	Phosphate
5	13.428	0.7219	2.054	3.812	Sulfate
6	16.120	0.0061	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 A	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-28
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 11:00
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.154	1	0.100	0.100	
14797-55-8	Nitrate-N	0.274	1	0.100	0.100	H

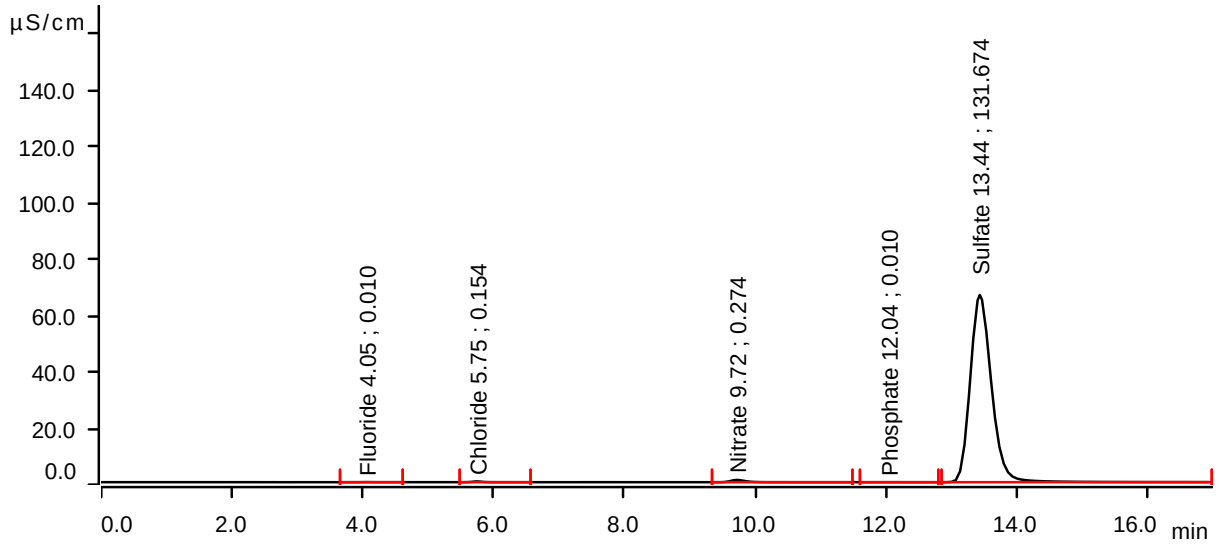
Sample data

Ident	**21F0123-28**
Sample type	Sample
Determination start	2021-06-09 11:00:09 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0055	0.031	0.010	Fluoride
2	5.745	0.0465	0.283	0.154	Chloride
3	9.720	0.2117	0.817	0.274	Nitrate
4	12.037	0.0030	0.006	0.010	Phosphate
5	13.435	24.9397	66.436	131.674	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28RE1 A	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-28RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 19:51
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	99.6	26	2.60	2.60	D

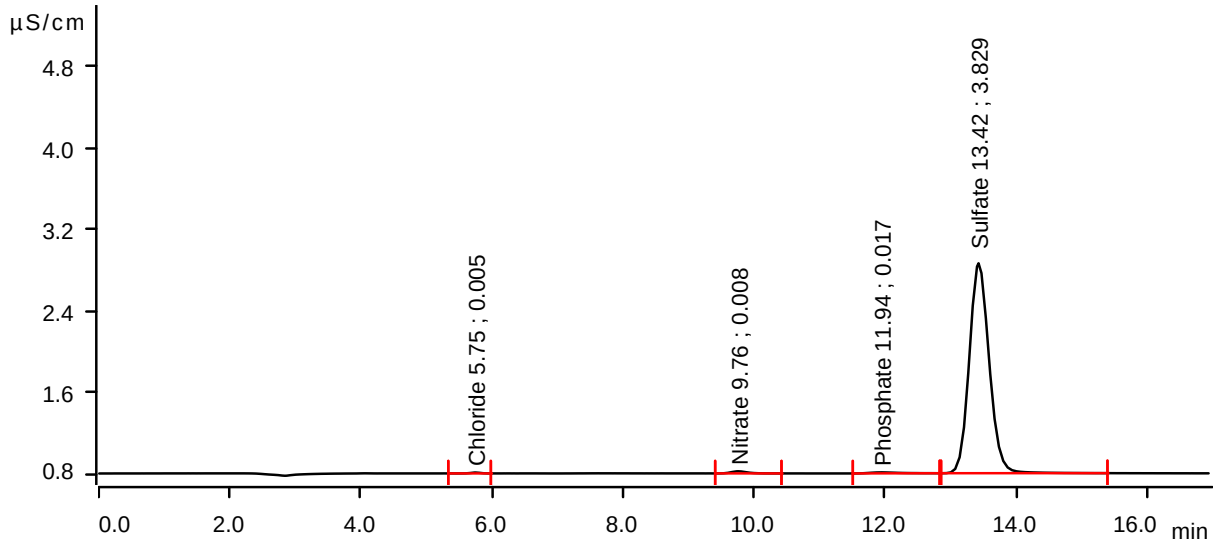
Sample data

Ident	**21F0123-28RE1**
Sample type	Sample
Determination start	2021-06-10 19:51:38 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**26.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	5.747	0.0015	0.009	0.005	Chloride
2	9.758	0.0058	0.021	0.008	Nitrate
3	11.940	0.0049	0.010	0.017	Phosphate
4	13.423	0.7252	2.060	3.829	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 A	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-29
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 11:20
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.487	1	0.100	0.100	
14797-55-8	Nitrate-N	0.275	1	0.100	0.100	H

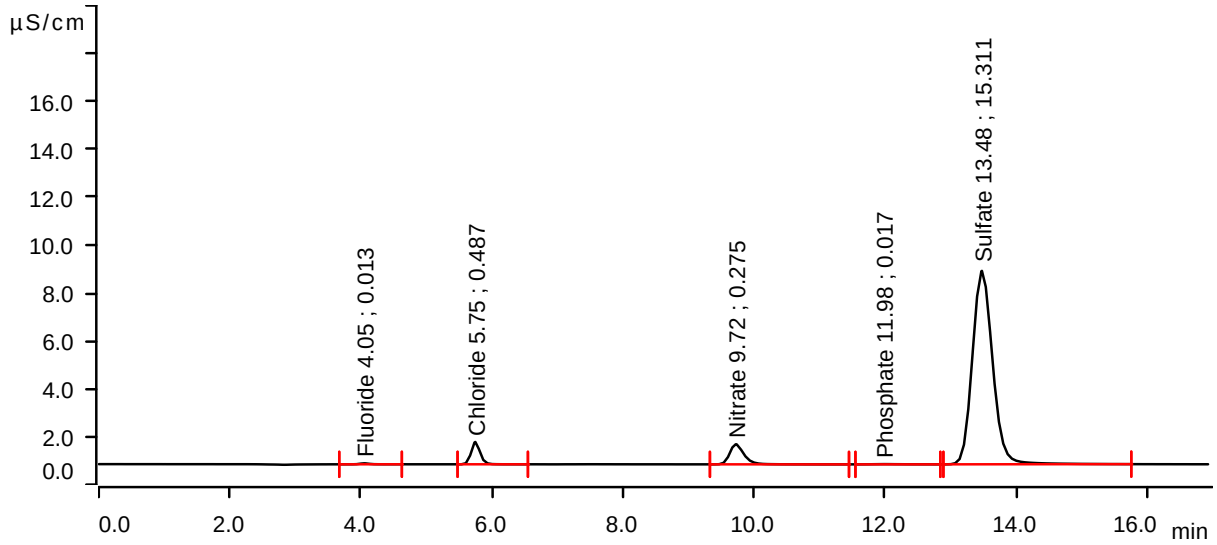
Sample data

Ident	**21F0123-29**
Sample type	Sample
Determination start	2021-06-09 11:20:09 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.88	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0069	0.040	0.013	Fluoride
2	5.747	0.1474	0.932	0.487	Chloride
3	9.720	0.2126	0.842	0.275	Nitrate
4	11.975	0.0050	0.010	0.017	Phosphate
5	13.475	2.9000	8.076	15.311	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29RE1 A	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-29RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 20:51
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	13.0	3	0.300	0.300	D

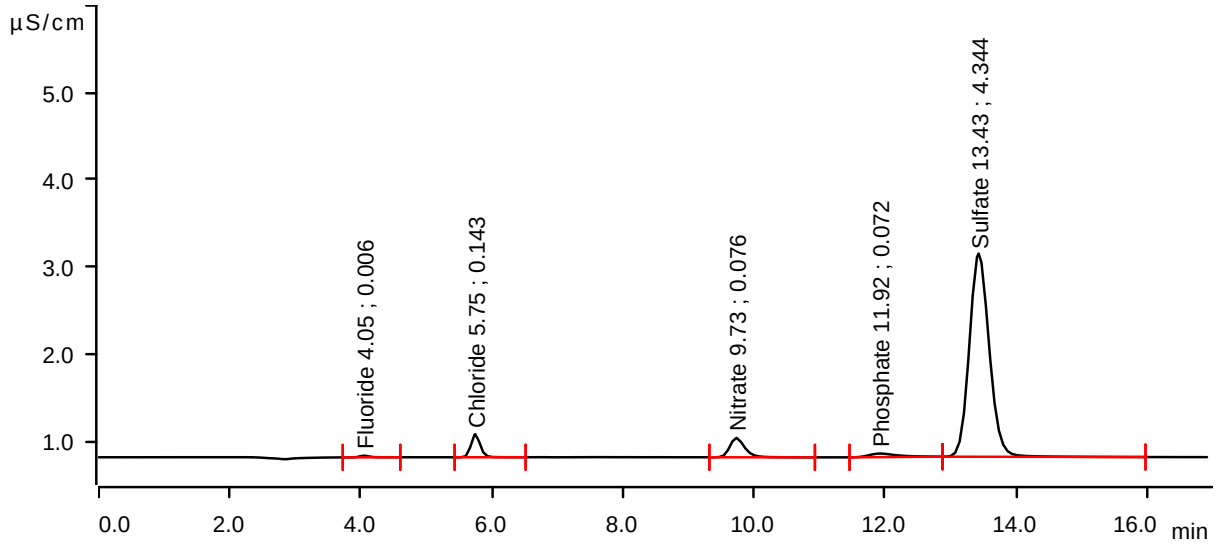
Sample data

Ident	**21F0123-29RE1**
Sample type	Sample
Determination start	2021-06-10 20:51:16 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**3.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0034	0.019	0.006	Fluoride
2	5.745	0.0432	0.265	0.143	Chloride
3	9.728	0.0591	0.223	0.076	Nitrate
4	11.920	0.0206	0.041	0.072	Phosphate
5	13.425	0.8228	2.333	4.344	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 A	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-30
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:40
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.195	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	9.31	1	0.100	0.100	

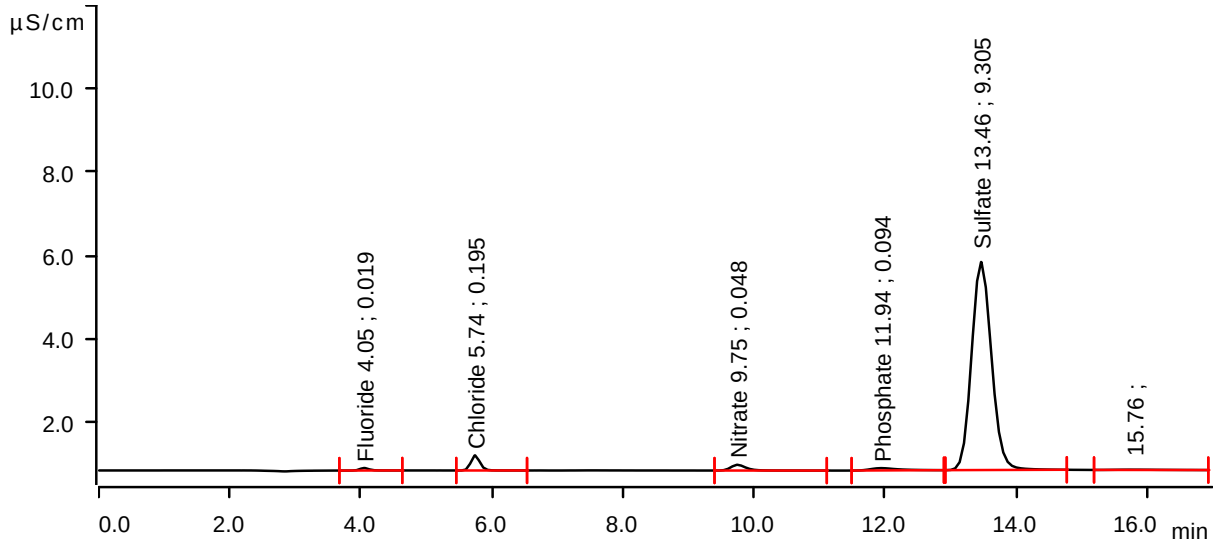
Sample data

Ident	**21F0123-30**
Sample type	Sample
Determination start	2021-06-09 12:40:20 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0101	0.060	0.019	Fluoride
2	5.743	0.0590	0.363	0.195	Chloride
3	9.745	0.0375	0.138	0.048	Nitrate
4	11.942	0.0271	0.055	0.094	Phosphate
5	13.462	1.7624	4.995	9.305	Sulfate
6	15.758	0.0061	0.007	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 A	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-31
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 13:00
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.251	1	0.100	0.100	
14797-55-8	Nitrate-N	0.105	1	0.100	0.100	H

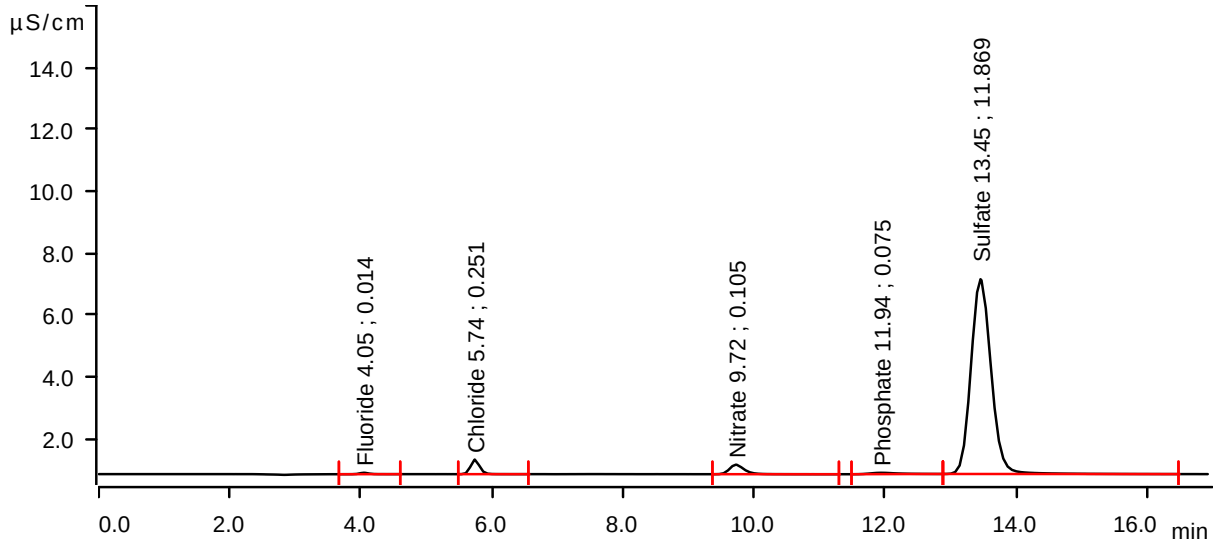
Sample data

Ident	**21F0123-31**
Sample type	Sample
Determination start	2021-06-09 13:00:26 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.045	0.0076	0.046	0.014	Fluoride
2	5.738	0.0759	0.471	0.251	Chloride
3	9.722	0.0809	0.308	0.105	Nitrate
4	11.938	0.0216	0.044	0.075	Phosphate
5	13.453	2.2480	6.302	11.869	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31RE1 A	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-31RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 21:11
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	10.6	2	0.200	0.200	D

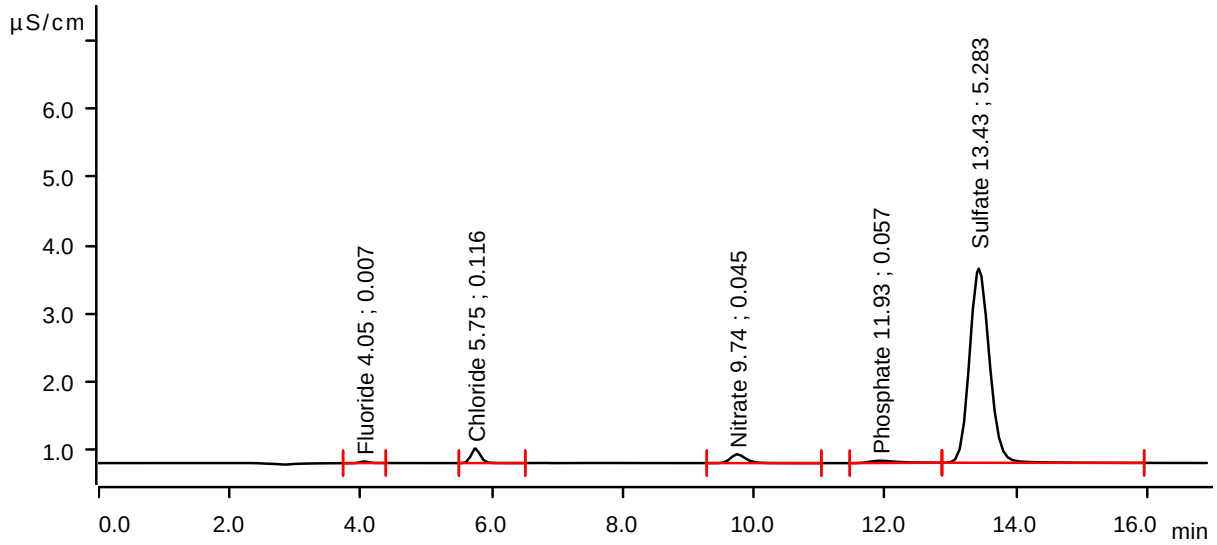
Sample data

Ident	**21F0123-31RE1**
Sample type	Sample
Determination start	2021-06-10 21:11:02 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**2.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0036	0.022	0.007	Fluoride
2	5.747	0.0352	0.214	0.116	Chloride
3	9.742	0.0349	0.129	0.045	Nitrate
4	11.930	0.0165	0.033	0.057	Phosphate
5	13.427	1.0006	2.836	5.283	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 A	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-32
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 13:20
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	4.18	1	0.100	0.100	
14797-55-8	Nitrate-N	0.223	1	0.100	0.100	H

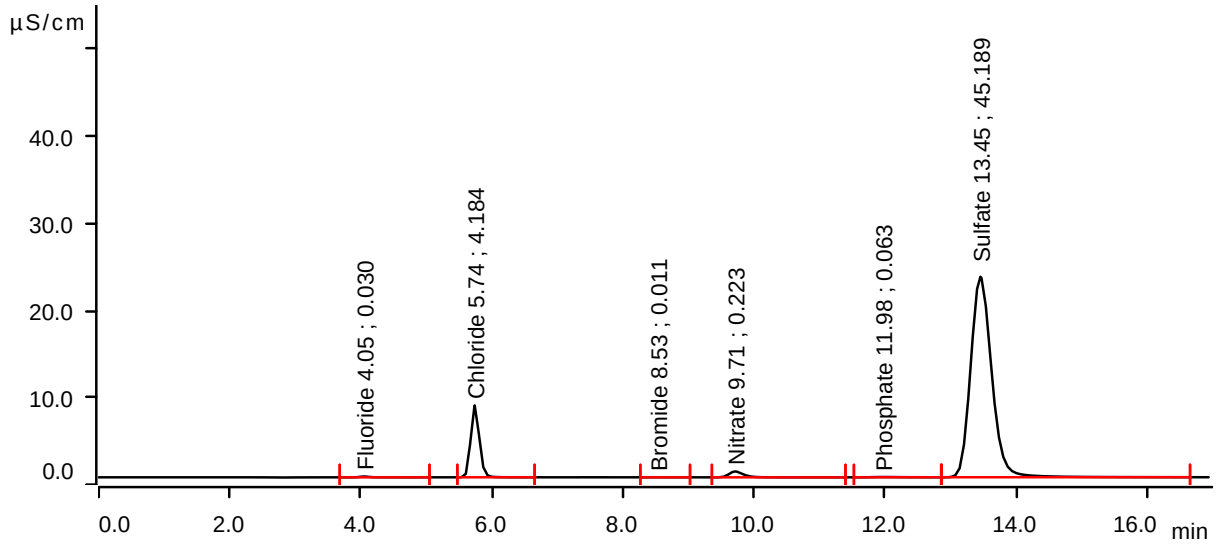
Sample data

Ident	**21F0123-32**
Sample type	Sample
Determination start	2021-06-09 13:20:26 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0162	0.096	0.030	Fluoride
2	5.737	1.2667	8.254	4.184	Chloride
3	8.530	0.0012	0.005	0.011	Bromide
4	9.710	0.1722	0.676	0.223	Nitrate
5	11.977	0.0182	0.036	0.063	Phosphate
6	13.452	8.5590	23.023	45.189	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32RE1 A	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-32RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 21:30
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	34.0	9	0.900	0.900	D

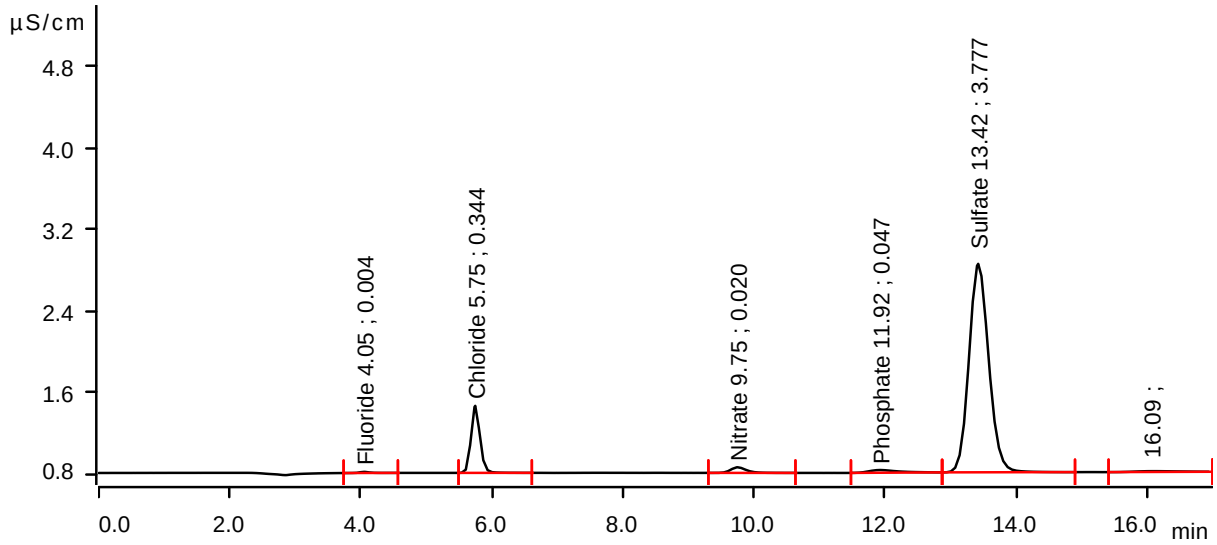
Sample data

Ident	**21F0123-32RE1**
Sample type	Sample
Determination start	2021-06-10 21:30:48 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**9.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0019	0.011	0.004	Fluoride
2	5.745	0.1042	0.658	0.344	Chloride
3	9.747	0.0152	0.055	0.020	Nitrate
4	11.922	0.0136	0.027	0.047	Phosphate
5	13.418	0.7154	2.045	3.777	Sulfate
6	16.092	0.0062	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 A	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-33
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 13:40
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.151	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

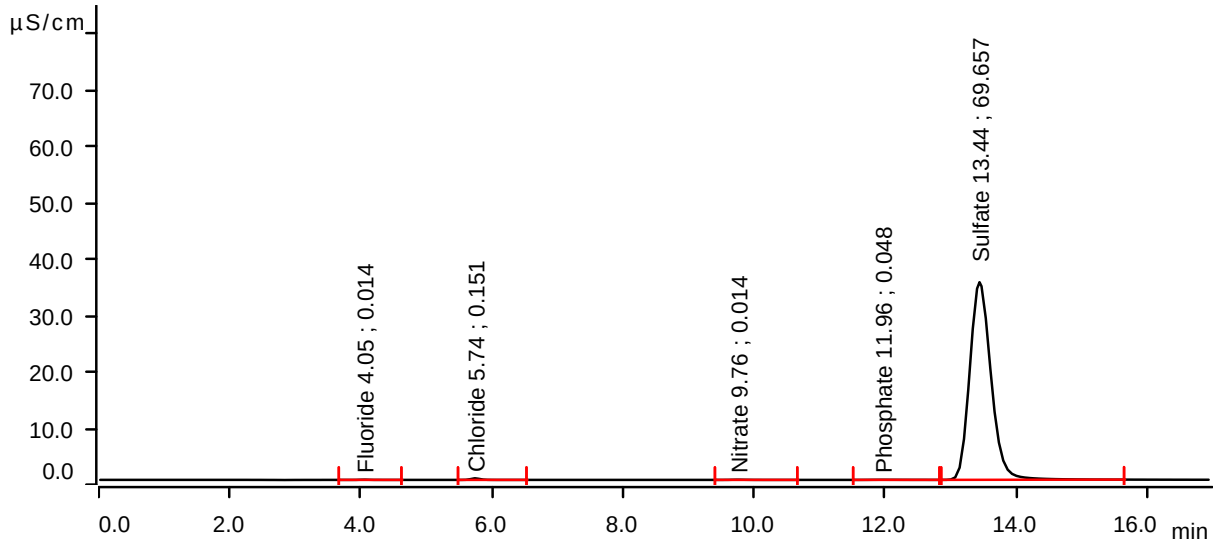
Sample data

Ident	**21F0123-33**
Sample type	Sample
Determination start	2021-06-09 13:40:27 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0078	0.046	0.014	Fluoride
2	5.743	0.0458	0.281	0.151	Chloride
3	9.755	0.0111	0.039	0.014	Nitrate
4	11.958	0.0137	0.027	0.048	Phosphate
5	13.438	13.1933	35.064	69.657	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33RE1 A	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-33RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 21:50
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	51.7	13	1.30	1.30	D

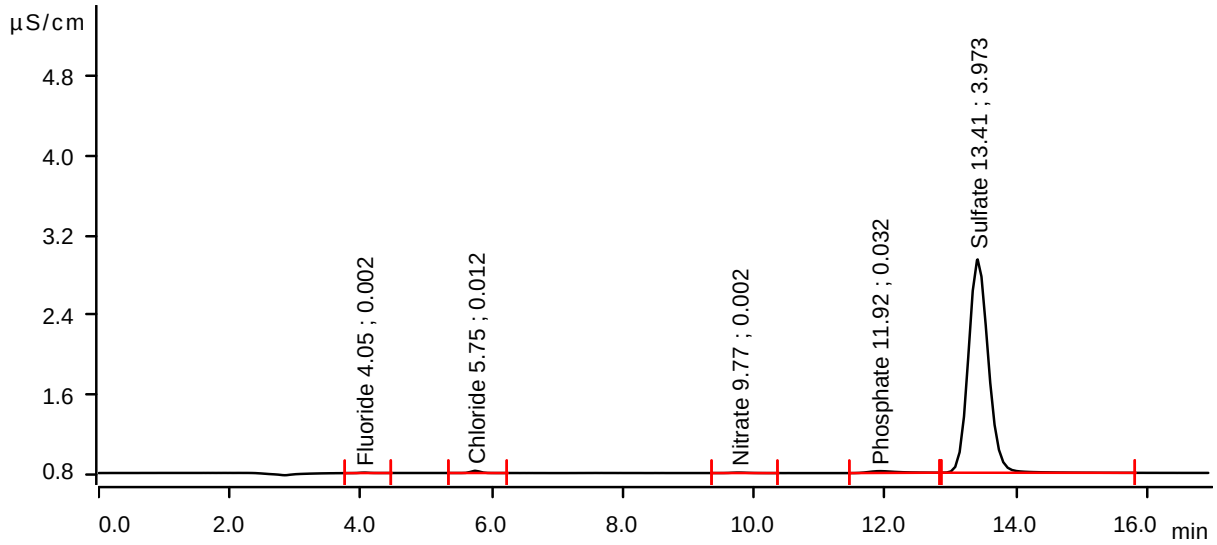
Sample data

Ident	**21F0123-33RE1**
Sample type	Sample
Determination start	2021-06-10 21:50:34 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**13.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.047	0.0009	0.005	0.002	Fluoride
2	5.745	0.0037	0.022	0.012	Chloride
3	9.770	0.0015	0.005	0.002	Nitrate
4	11.923	0.0093	0.018	0.032	Phosphate
5	13.410	0.7525	2.137	3.973	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 B	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-34
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:00
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.195	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U

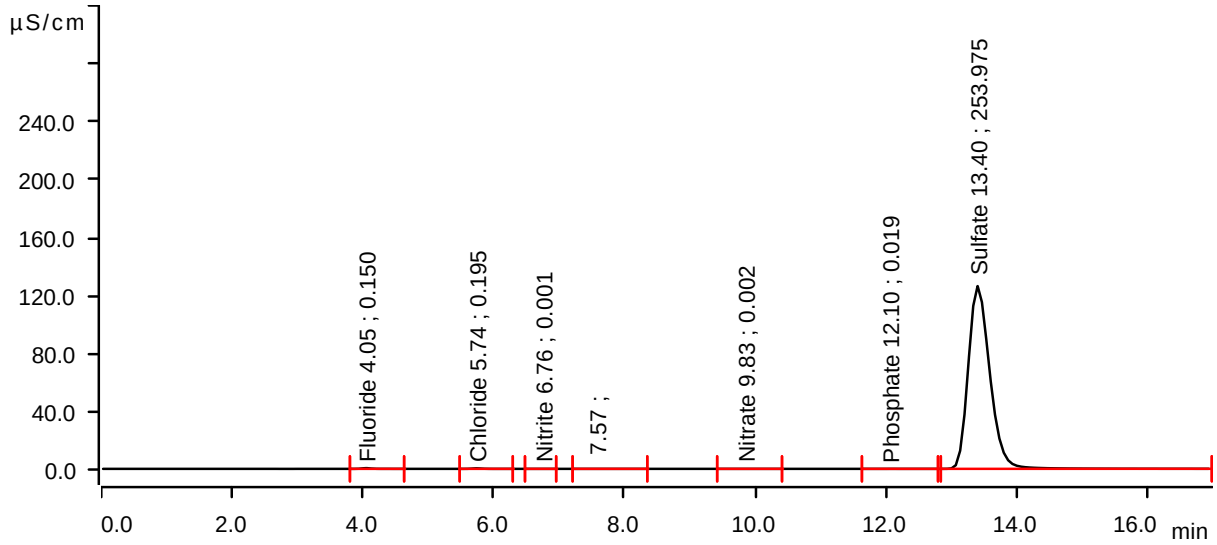
Sample data

Ident	**21F0123-34**
Sample type	Sample
Determination start	2021-06-09 14:00:27 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0807	0.503	0.150	Fluoride
2	5.740	0.0591	0.365	0.195	Chloride
3	6.755	0.0006	0.003	0.001	Nitrite
4	7.573	0.0015	0.003	invalid	
5	9.828	0.0014	0.004	0.002	Nitrate
6	12.100	0.0055	0.010	0.019	Phosphate
7	13.402	48.1041	125.861	253.975	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34RE1 B	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-34RE1
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 22:10
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
14808-79-8	Sulfate	178	49	4.90	4.90	D

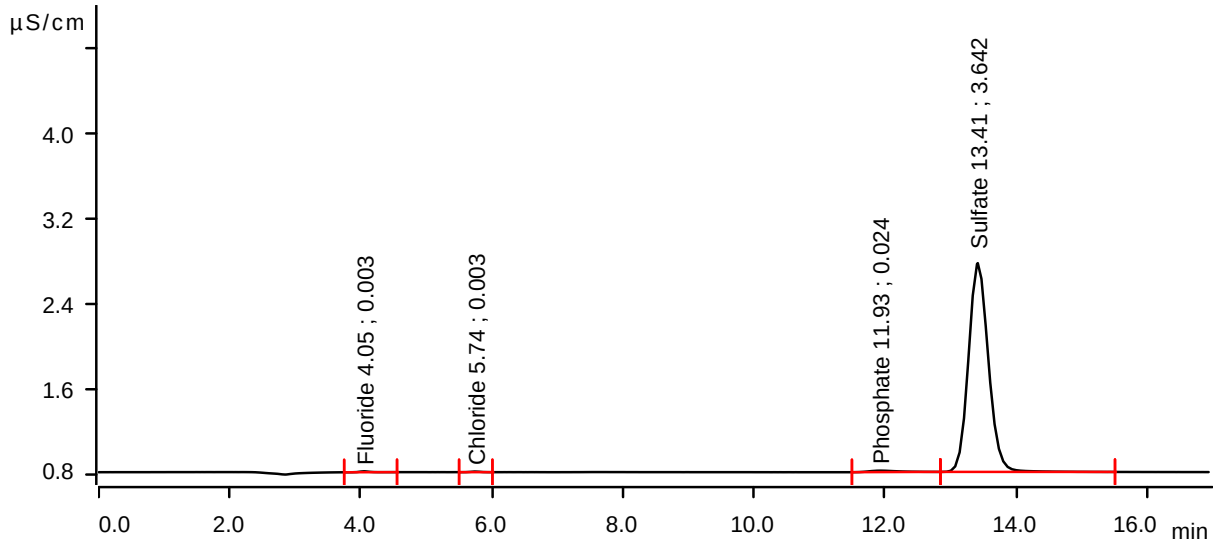
Sample data

Ident	**21F0123-34RE1**
Sample type	Sample
Determination start	2021-06-10 22:10:20 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**49.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0016	0.009	0.003	Fluoride
2	5.743	0.0010	0.006	0.003	Chloride
3	11.932	0.0070	0.014	0.024	Phosphate
4	13.412	0.6897	1.961	3.642	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 B	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-35
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:20
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.108	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	1.81	1	0.100	0.100	

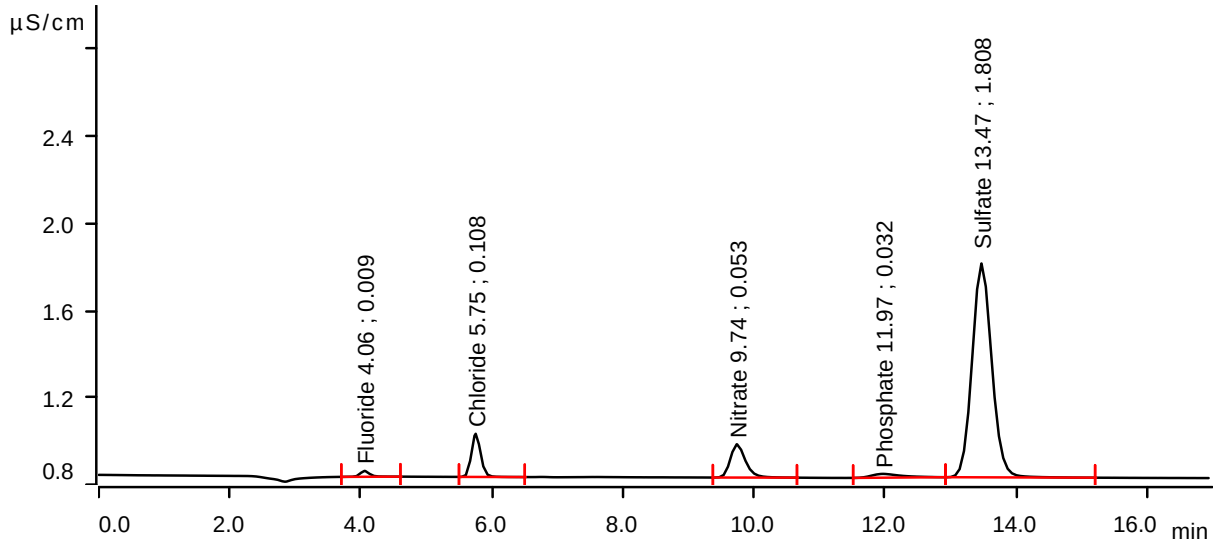
Sample data

Ident	**21F0123-35**
Sample type	Sample
Determination start	2021-06-09 14:20:28 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.0046	0.027	0.009	Fluoride
2	5.752	0.0326	0.198	0.108	Chloride
3	9.738	0.0411	0.153	0.053	Nitrate
4	11.970	0.0092	0.017	0.032	Phosphate
5	13.468	0.3424	0.982	1.808	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 B	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-37
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:40
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.107	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	1.76	1	0.100	0.100	

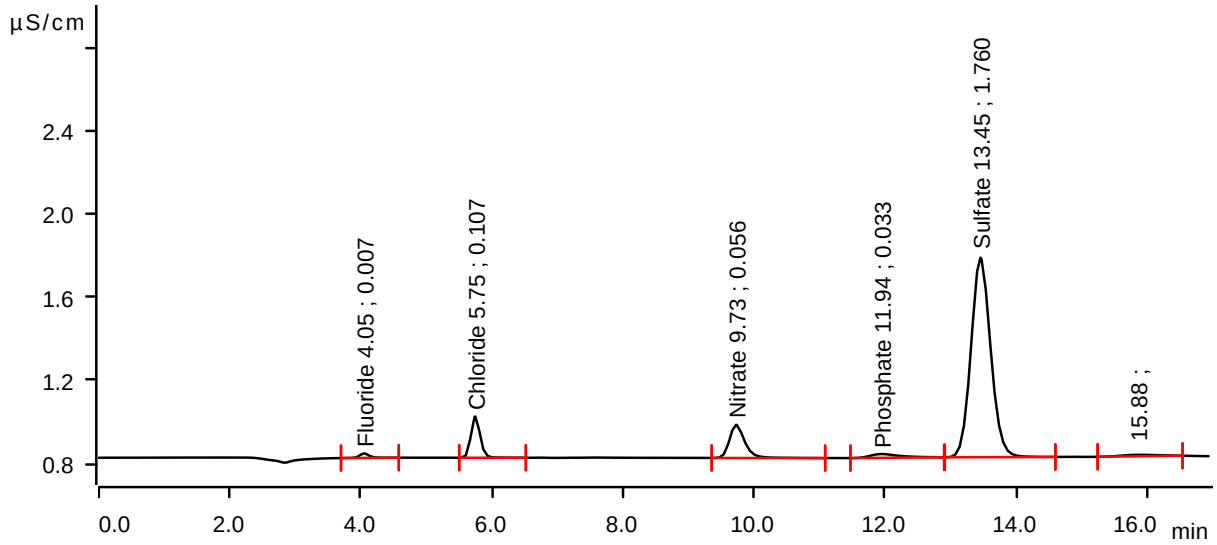
Sample data

Ident	**21F0123-37**
Sample type	Sample
Determination start	2021-06-09 14:40:29 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0037	0.022	0.007	Fluoride
2	5.745	0.0325	0.198	0.107	Chloride
3	9.725	0.0430	0.159	0.056	Nitrate
4	11.942	0.0094	0.018	0.033	Phosphate
5	13.452	0.3334	0.958	1.760	Sulfate
6	15.878	0.0046	0.007	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 B	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-38
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 15:00
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.105	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	1.78	1	0.100	0.100	

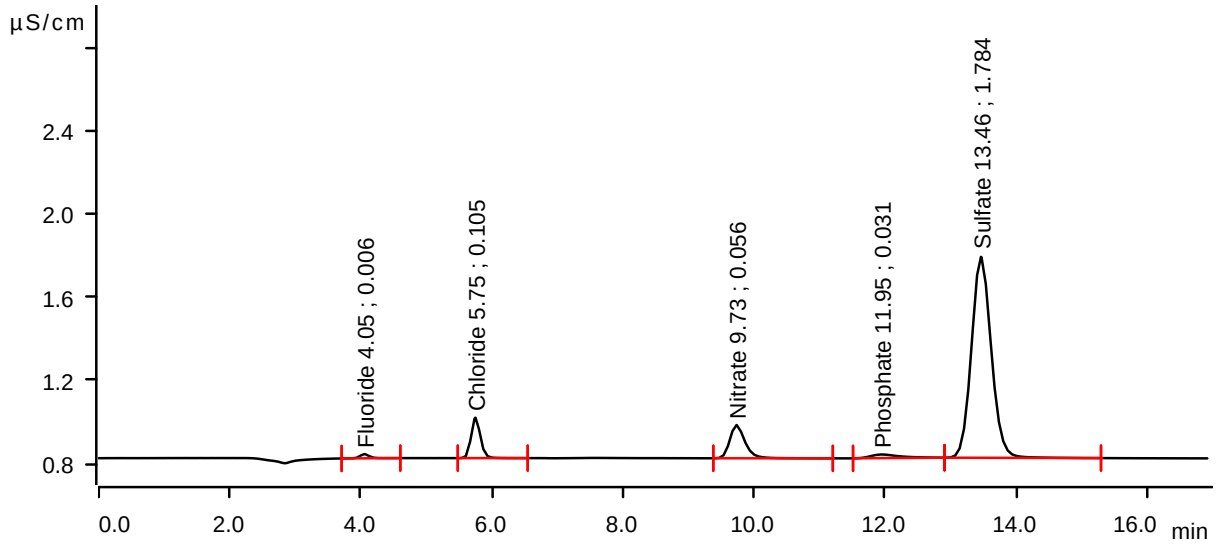
Sample data

Ident	**21F0123-38**
Sample type	Sample
Determination start	2021-06-09 15:00:29 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.052	0.0035	0.020	0.006	Fluoride
2	5.748	0.0319	0.194	0.105	Chloride
3	9.730	0.0431	0.160	0.056	Nitrate
4	11.945	0.0090	0.018	0.031	Phosphate
5	13.460	0.3380	0.965	1.784	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 B	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-39
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 15:20
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.106	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	1.78	1	0.100	0.100	

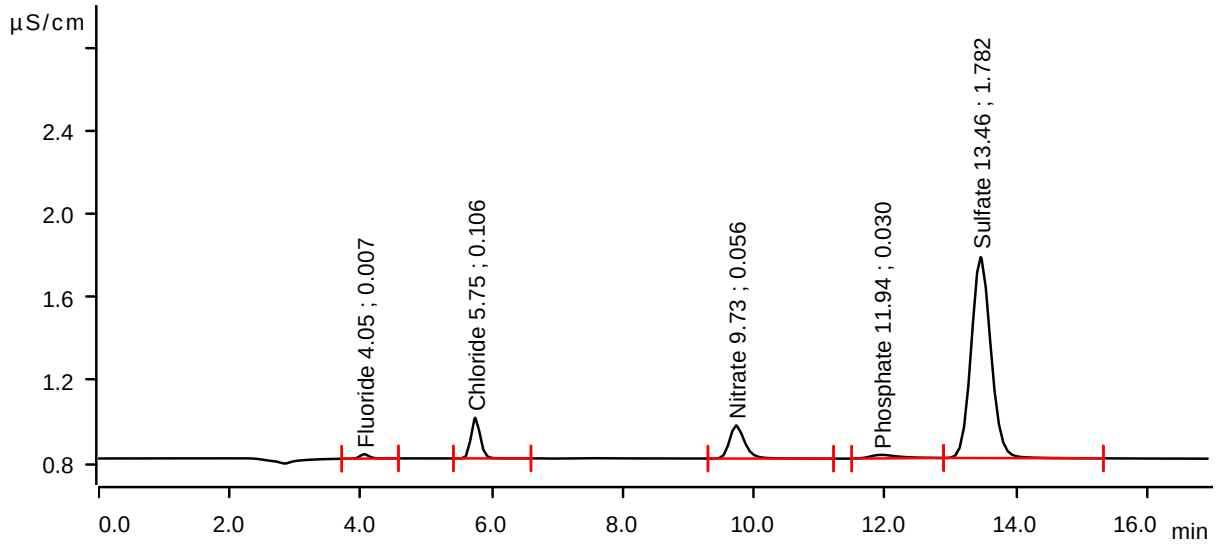
Sample data

Ident	**21F0123-39**
Sample type	Sample
Determination start	2021-06-09 15:20:29 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.052	0.0036	0.021	0.007	Fluoride
2	5.747	0.0320	0.195	0.106	Chloride
3	9.725	0.0429	0.159	0.056	Nitrate
4	11.942	0.0088	0.017	0.030	Phosphate
5	13.455	0.3376	0.965	1.782	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 300.0

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 A	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/08/21 13:57	File ID:	SJF0090-21F0123-40
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 15:40
Batch:	BJF0194	Sequence:	SJF0090	Initial/Final:	10 mL / 10 mL
Instrument:	IC930			Calibration:	EE00051

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	0.109	1	0.100	0.100	
14797-55-8	Nitrate-N	<0.100	1	0.100	0.100	H, U
14808-79-8	Sulfate	1.86	1	0.100	0.100	

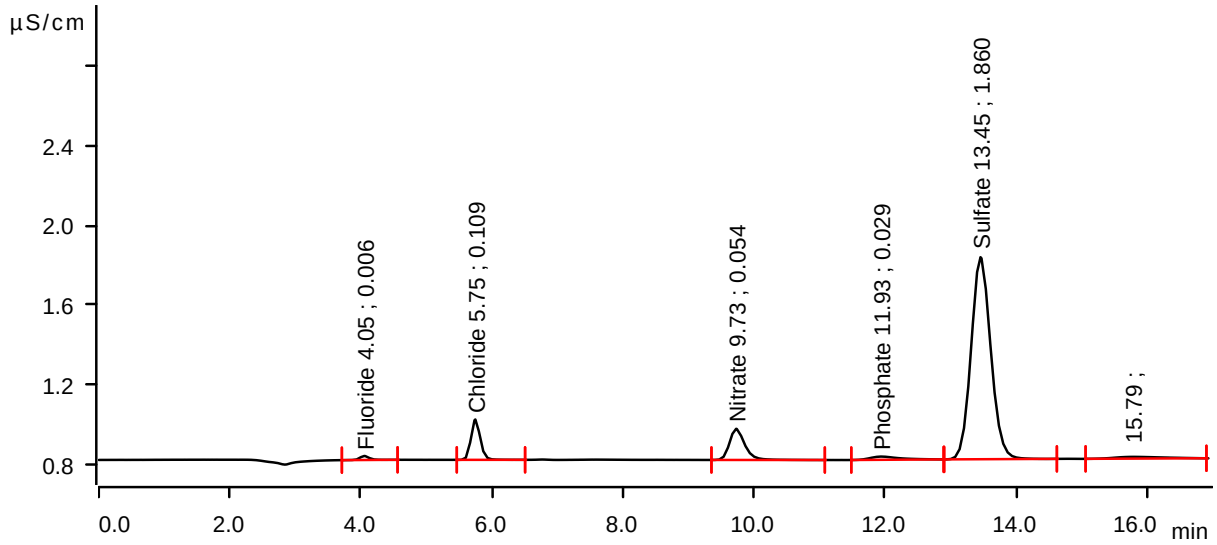
Sample data

Ident	**21F0123-40**
Sample type	Sample
Determination start	2021-06-09 15:40:31 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	mg/L	
1	4.052	0.0034	0.020	0.006	Fluoride
2	5.747	0.0331	0.202	0.109	Chloride
3	9.725	0.0422	0.156	0.054	Nitrate
4	11.933	0.0083	0.016	0.029	Phosphate
5	13.453	0.3524	1.012	1.860	Sulfate
6	15.785	0.0077	0.009	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0193 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01	SJF0090-21F0123-01	06/08/21 13:52	
NRC-3SR-GW-060321	21F0123-01RE1	SJF0090-21F0123-01RE1	06/08/21 13:52	Added 6/12/2021 by CDE
NRC-3IR-GW-060321	21F0123-02	SJF0090-21F0123-02	06/08/21 13:52	
NRC-3IR-GW-060321	21F0123-02RE1	SJF0090-21F0123-02RE1	06/08/21 13:52	Added 6/12/2021 by CDE
NRC-3DR-GW-060321	21F0123-03	SJF0090-21F0123-03	06/08/21 13:52	
NRC-3DR-GW-060321	21F0123-03RE1	SJF0090-21F0123-03RE1	06/08/21 13:52	Added 6/12/2021 by CDE
NRC-103DR-GW-060321	21F0123-04	SJF0090-21F0123-04	06/08/21 13:52	
NRC-103DR-GW-060321	21F0123-04RE1	SJF0090-21F0123-04RE1	06/08/21 13:52	Added 6/12/2021 by CDE
NRC-103SR-GW-060321	21F0123-06	SJF0090-21F0123-06	06/08/21 13:52	
NRC-103SR-GW-060321	21F0123-06RE1	SJF0090-21F0123-06RE1	06/08/21 13:52	Added 6/12/2021 by CDE
MW-01-GW-060321	21F0123-07	SJF0090-21F0123-07	06/08/21 13:52	
MW-2-GW-060321	21F0123-08	SJF0090-21F0123-08	06/08/21 13:52	
DS-16I-GW-060421	21F0123-09	SJF0090-21F0123-09	06/08/21 13:52	
DS-16I-GW-060421	21F0123-09RE1	SJF0090-21F0123-09RE1	06/08/21 13:52	Added 6/12/2021 by CDE
DS-16D-GW-060421	21F0123-10	SJF0090-21F0123-10	06/08/21 13:52	
DS-16D-GW-060421	21F0123-10RE1	SJF0090-21F0123-10RE1	06/08/21 13:52	Added 6/12/2021 by CDE
DS-16S-GW-060421	21F0123-11	SJF0090-21F0123-11	06/08/21 13:52	
DS-16S-GW-060421	21F0123-11RE1	SJF0090-21F0123-11RE1	06/08/21 13:52	Added 6/12/2021 by CDE
DS-15S-GW-060421	21F0123-12	SJF0090-21F0123-12	06/08/21 13:52	
DS-15S-GW-060421	21F0123-12RE1	SJF0090-21F0123-12RE1	06/08/21 13:52	Added 6/12/2021 by CDE
DS-15I-GW-060421	21F0123-13	SJF0090-21F0123-13	06/08/21 13:52	
DS-15I-GW-060421	21F0123-13RE1	SJF0090-21F0123-13RE1	06/08/21 13:52	Added 6/12/2021 by CDE
DS-18S-GW-060421	21F0123-14	SJF0090-21F0123-14	06/08/21 13:52	
DS-18S-GW-060421	21F0123-14RE1	SJF0090-21F0123-14RE1	06/08/21 13:52	Added 6/12/2021 by CDE
DS-18I-GW-060421	21F0123-15	SJF0090-21F0123-15	06/08/21 13:52	
DS-18I-GW-060421	21F0123-15RE1	SJF0090-21F0123-15RE1	06/08/21 13:52	Added 6/12/2021 by CDE
DS-18D-GW-060421	21F0123-16	SJF0090-21F0123-16	06/08/21 13:52	
DS-18D-GW-060421	21F0123-16RE1	SJF0090-21F0123-16RE1	06/08/21 13:52	Added 6/12/2021 by CDE
DS-17S-GW-060421	21F0123-17	SJF0090-21F0123-17	06/08/21 13:52	
DS-17S-GW-060421	21F0123-17RE1	SJF0090-21F0123-17RE1	06/08/21 13:52	Added 6/12/2021 by CDE
FieldBlank-1-GW-060421	21F0123-19	SJF0090-21F0123-19	06/08/21 13:52	
Blank	BJF0193-BLK1	SJF0090-BJF0193-BLK1	06/08/21 13:52	
LCS	BJF0193-BS1	SJF0090-BJF0193-BS1	06/08/21 13:52	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0193 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	BJF0193-DUP1	SJF0090-BJF0193-DUP1	06/08/21 13:52	
NRC-3SR-GW-060321	BJF0193-DUP2	SJF0090-BJF0193-DUP2	06/08/21 13:52	Added 6/12/2021 by CDE
MRL Check	BJF0193-MRL1	SJF0090-BJF0193-MRL1	06/08/21 13:52	
NRC-3SR-GW-060321	BJF0193-MS1	SJF0090-BJF0193-MS1	06/08/21 13:52	
NRC-3SR-GW-060321	BJF0193-MS2	SJF0146-BJF0193-MS2	06/08/21 13:52	
NRC-3SR-GW-060321	BJF0193-MSD1	SJF0090-BJF0193-MSD1	06/08/21 13:52	
NRC-3SR-GW-060321	BJF0193-MSD2	SJF0146-BJF0193-MSD2	06/08/21 13:52	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0194 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-17I-GW-060421	21F0123-18	SJF0090-21F0123-18	06/08/21 13:57	
DS-17I-GW-060421	21F0123-18RE1	SJF0090-21F0123-18RE1	06/08/21 13:57	Added 6/12/2021 by CDE
MW-3-GW-060421	21F0123-21	SJF0090-21F0123-21	06/08/21 13:57	
MW-3-GW-060421	21F0123-21RE1	SJF0090-21F0123-21RE1	06/08/21 13:57	Added 6/12/2021 by CDE
SG-7R-WP-060421	21F0123-22	SJF0090-21F0123-22	06/08/21 13:57	
DS-12S-GW-060421	21F0123-23	SJF0090-21F0123-23	06/08/21 13:57	
DS-12S-GW-060421	21F0123-23RE1	SJF0090-21F0123-23RE1	06/08/21 13:57	Added 6/12/2021 by CDE
DS-12I-GW-060421	21F0123-24	SJF0090-21F0123-24	06/08/21 13:57	
DS-12I-GW-060421	21F0123-24RE1	SJF0090-21F0123-24RE1	06/08/21 13:57	Added 6/12/2021 by CDE
DS-12D-GW-060421	21F0123-25	SJF0090-21F0123-25	06/08/21 13:57	
DS-12D-GW-060421	21F0123-25RE1	SJF0090-21F0123-25RE1	06/08/21 13:57	Added 6/12/2021 by CDE
DS-13S-GW-060421	21F0123-26	SJF0090-21F0123-26	06/08/21 13:57	
DS-13S-GW-060421	21F0123-26RE1	SJF0090-21F0123-26RE1	06/08/21 13:57	Added 6/12/2021 by CDE
DS-13I-GW-060421	21F0123-27	SJF0090-21F0123-27	06/08/21 13:57	
DS-13I-GW-060421	21F0123-27RE1	SJF0090-21F0123-27RE1	06/08/21 13:57	Added 6/12/2021 by CDE
DS-13D-GW-060421	21F0123-28	SJF0090-21F0123-28	06/08/21 13:57	
DS-13D-GW-060421	21F0123-28RE1	SJF0090-21F0123-28RE1	06/08/21 13:57	Added 6/12/2021 by CDE
HBKG-2-GW-060421	21F0123-29	SJF0090-21F0123-29	06/08/21 13:57	
HBKG-2-GW-060421	21F0123-29RE1	SJF0090-21F0123-29RE1	06/08/21 13:57	Added 6/12/2021 by CDE
US-1S-GW-060421	21F0123-30	SJF0090-21F0123-30	06/08/21 13:57	
US-1I-GW-060421	21F0123-31	SJF0090-21F0123-31	06/08/21 13:57	
US-1I-GW-060421	21F0123-31RE1	SJF0090-21F0123-31RE1	06/08/21 13:57	Added 6/12/2021 by CDE
US-1D-GW-060421	21F0123-32	SJF0090-21F0123-32	06/08/21 13:57	
US-1D-GW-060421	21F0123-32RE1	SJF0090-21F0123-32RE1	06/08/21 13:57	Added 6/12/2021 by CDE
TP2-12D-GW-060521	21F0123-33	SJF0090-21F0123-33	06/08/21 13:57	
TP2-12D-GW-060521	21F0123-33RE1	SJF0090-21F0123-33RE1	06/08/21 13:57	Added 6/12/2021 by CDE
TP2-12S-GW-060521	21F0123-34	SJF0090-21F0123-34	06/08/21 13:57	
TP2-12S-GW-060521	21F0123-34RE1	SJF0090-21F0123-34RE1	06/08/21 13:57	Added 6/12/2021 by CDE
RC-6-SW-060521	21F0123-35	SJF0090-21F0123-35	06/08/21 13:57	
RC-6-PW-6-060521	21F0123-37	SJF0090-21F0123-37	06/08/21 13:57	
RC-6-PW-12-060521	21F0123-38	SJF0090-21F0123-38	06/08/21 13:57	
RC-6-WP-36-060521	21F0123-39	SJF0090-21F0123-39	06/08/21 13:57	
RC-1-SW-060521	21F0123-40	SJF0090-21F0123-40	06/08/21 13:57	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0194 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
Blank	BJF0194-BLK1	SJF0090-BJF0194-BLK1	06/08/21 13:57	
LCS	BJF0194-BS1	SJF0090-BJF0194-BS1	06/08/21 13:57	
DS-17I-GW-060421	BJF0194-DUP1	SJF0090-BJF0194-DUP1	06/08/21 13:57	
DS-17I-GW-060421	BJF0194-DUP2	SJF0090-BJF0194-DUP2	06/08/21 13:57	Added 6/12/2021 by CDE
MRL Check	BJF0194-MRL1	SJF0090-BJF0194-MRL1	06/08/21 13:57	
DS-17I-GW-060421	BJF0194-MS1	SJF0090-BJF0194-MS1	06/08/21 13:57	
DS-17I-GW-060421	BJF0194-MS2	SJF0146-BJF0194-MS2	06/08/21 13:57	
DS-17I-GW-060421	BJF0194-MSD1	SJF0090-BJF0194-MSD1	06/08/21 13:57	
DS-17I-GW-060421	BJF0194-MSD2	SJF0146-BJF0194-MSD2	06/08/21 13:57	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 300.0

TotalAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0193
Laboratory ID: BJF0193-BLK1
Prepared: 06/08/21 13:52

Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/08/21 19:21

Sequence: SJF0090
Calibration: EE00051
Instrument: IC930

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	ND	1	0.100	0.100	U
14797-55-8	Nitrate-N	ND	1	0.100	0.100	U
14808-79-8	Sulfate	ND	1	0.100	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

EPA 300.0

TotalAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0194
Laboratory ID: BJF0194-BLK1
Prepared: 06/08/21 13:57
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/08/21 21:01
Sequence: SJF0090
Calibration: EE00051
Instrument: IC930

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
16887-00-6	Chloride	ND	1	0.100	0.100	U
14797-55-8	Nitrate-N	ND	1	0.100	0.100	U
14808-79-8	Sulfate	ND	1	0.100	0.100	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/08/21 20:21
Batch:	BJF0193	Laboratory ID:	BJF0193-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	10 mL / 10 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Chloride	5.00	4.71		94.1	90 - 110
Nitrate-N	5.00	4.76		95.2	90 - 110
Sulfate	5.00	4.71		94.1	90 - 110

* Indicates values outside of QC limits

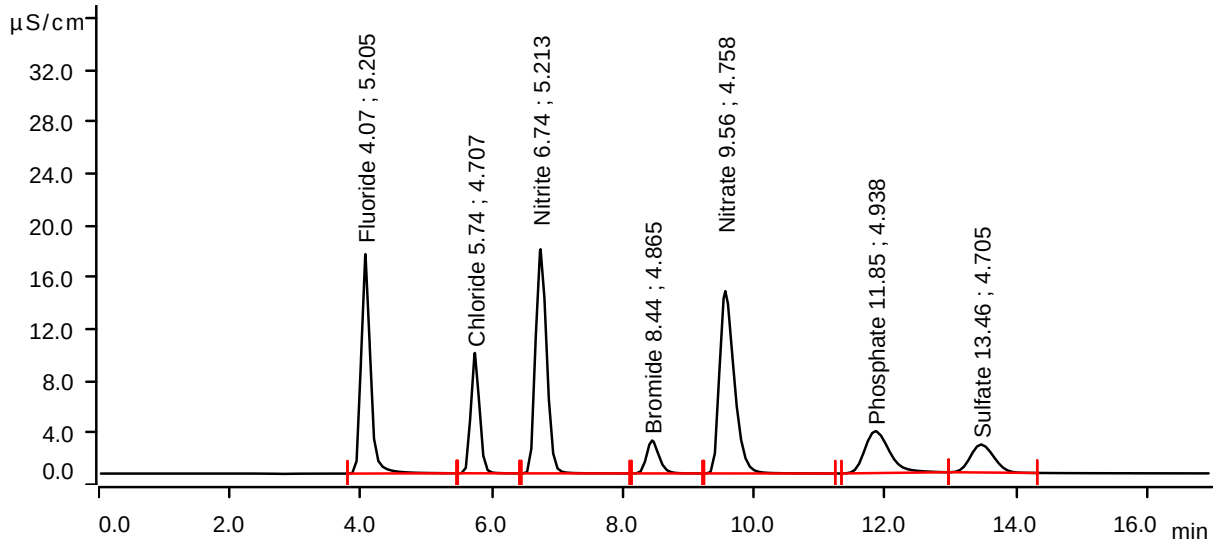
Sample data

Ident	**BJF0193-BS1**
Sample type	Sample
Determination start	2021-06-08 20:21:01 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.070	2.8014	16.945	5.205	Fluoride
2	5.740	1.4250	9.292	4.707	Chloride
3	6.742	3.4151	17.310	5.213	Nitrite
4	8.443	0.5605	2.545	4.865	Bromide
5	9.560	3.6812	14.084	4.758	Nitrate
6	11.850	1.4232	3.232	4.938	Phosphate
7	13.462	0.8912	2.162	4.705	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/08/21 21:21
Batch:	BJF0194	Laboratory ID:	BJF0194-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	10 mL / 10 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Chloride	5.00	4.71		94.1	90 - 110
Nitrate-N	5.00	4.76		95.1	90 - 110
Sulfate	5.00	4.73		94.6	90 - 110

* Indicates values outside of QC limits

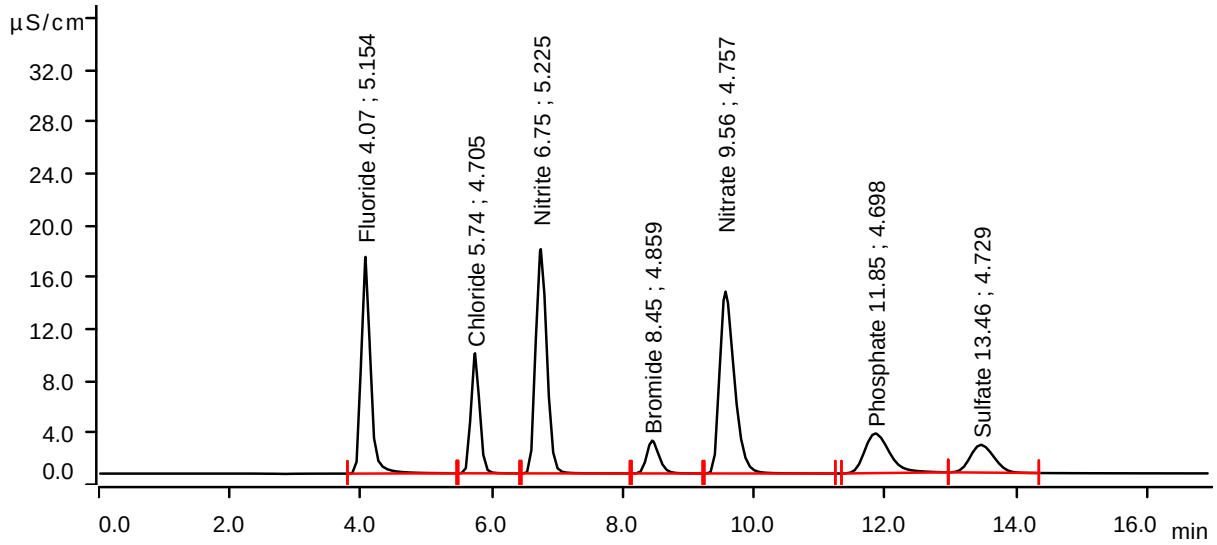
Sample data

Ident	**BJF0194-BS1**
Sample type	Sample
Determination start	2021-06-08 21:21:00 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.60	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.070	2.7742	16.733	5.154	Fluoride
2	5.742	1.4246	9.272	4.705	Chloride
3	6.745	3.4232	17.324	5.225	Nitrite
4	8.445	0.5599	2.536	4.859	Bromide
5	9.563	3.6805	14.044	4.757	Nitrate
6	11.848	1.3541	3.059	4.698	Phosphate
7	13.460	0.8957	2.143	4.729	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0193-DUP1
Batch: BJF0193
Lab Source ID: 21F0123-01
Preparation: No Prep Wet Chem
Initial/Final: 10 mL / 10 mL
Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Chloride	20	0.389	0.372	4.47	
Nitrate-N	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

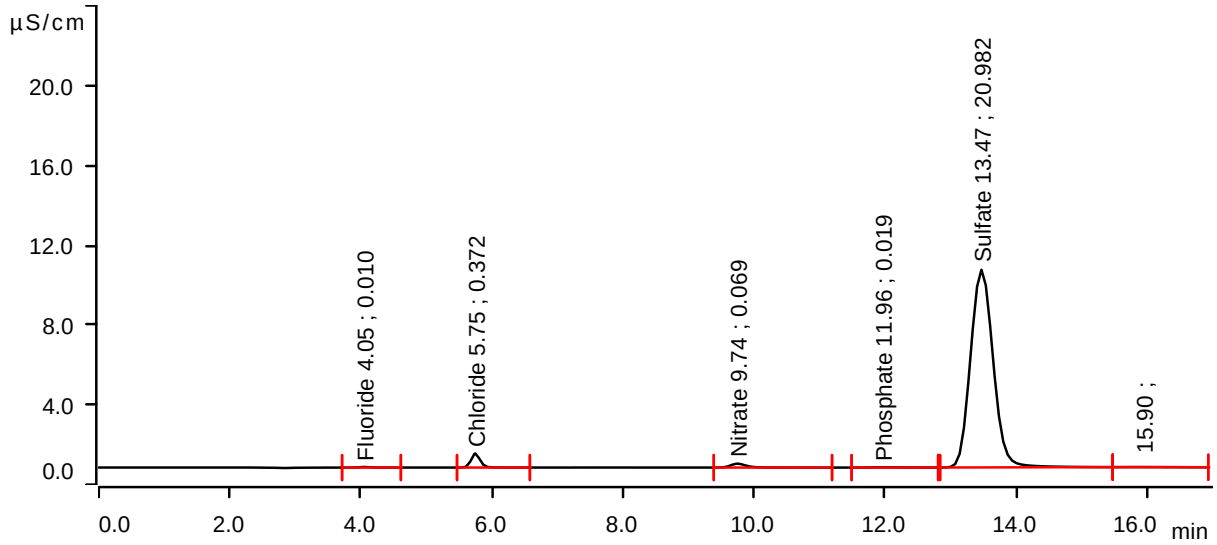
Sample data

Ident	**BJF0193-DUP1**
Sample type	Sample
Determination start	2021-06-09 05:40:28 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.0052	0.030	0.010	Fluoride
2	5.745	0.1127	0.705	0.372	Chloride
3	9.743	0.0536	0.197	0.069	Nitrate
4	11.958	0.0055	0.011	0.019	Phosphate
5	13.468	3.9741	9.900	20.982	Sulfate
6	15.898	0.0041	0.006	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation

Matrix: Water
Laboratory ID: BJF0193-DUP2

Batch: BJF0193
Lab Source ID: 21F0123-01RE1

Preparation: No Prep Wet Chem
Initial/Final: 10 mL / 10 mL

Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Sulfate	20	17.3	16.7	3.33	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

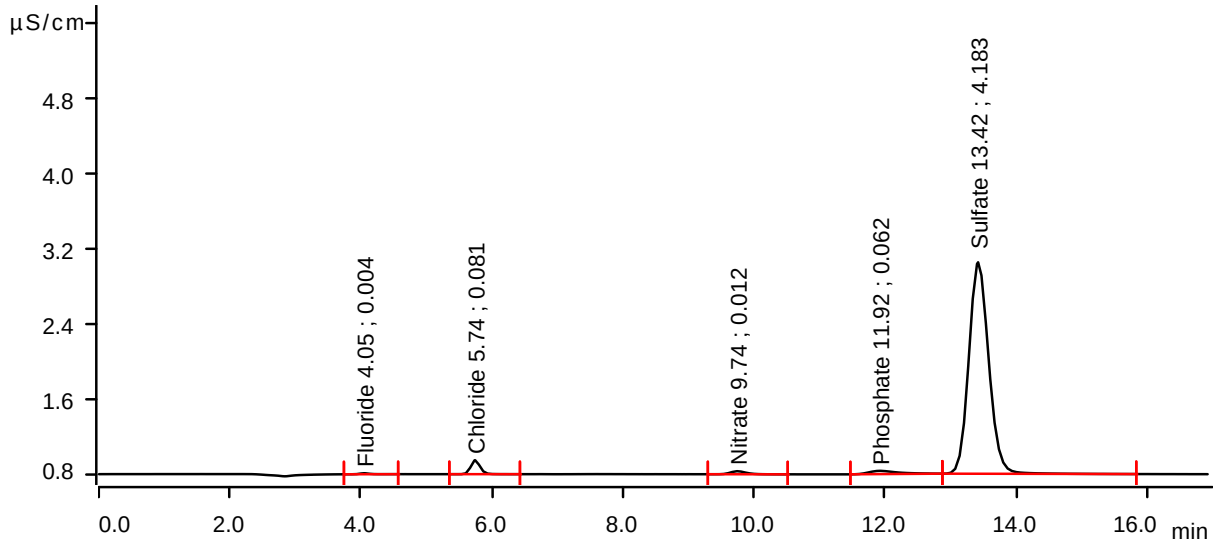
Sample data

Ident	**BJF0193-DUP2**
Sample type	Sample
Determination start	2021-06-10 16:53:45 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**4.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.048	0.0019	0.011	0.004	Fluoride
2	5.743	0.0245	0.149	0.081	Chloride
3	9.743	0.0090	0.032	0.012	Nitrate
4	11.920	0.0178	0.035	0.062	Phosphate
5	13.417	0.7923	2.251	4.183	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0194-DUP1
Batch: BJF0194
Lab Source ID: 21F0123-18
Preparation: No Prep Wet Chem
Initial/Final: 10 mL / 10 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Chloride	20	0.555	0.560	0.897	
Nitrate-N	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

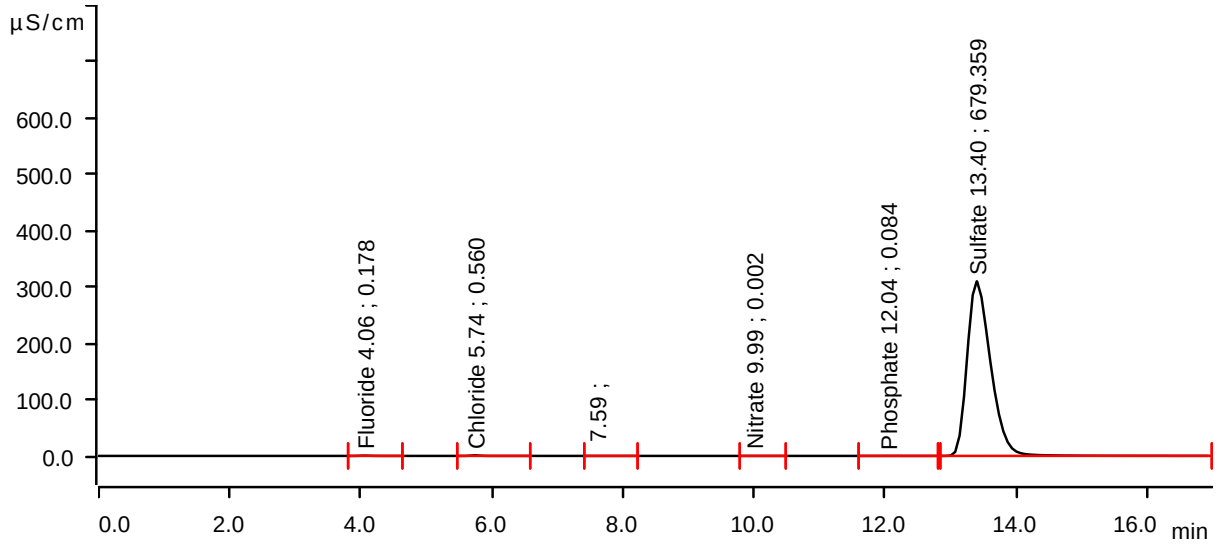
Sample data

Ident	**BJF0194-DUP1**
Sample type	Sample
Determination start	2021-06-09 07:00:20 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.058	0.0957	0.539	0.178	Fluoride
2	5.742	0.1694	1.070	0.560	Chloride
3	7.588	0.0014	0.005	invalid	
4	9.993	0.0013	0.005	0.002	Nitrate
5	12.042	0.0242	0.050	0.084	Phosphate
6	13.395	128.6738	309.783	679.359	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0194-DUP2
Batch: BJF0194
Lab Source ID: 21F0123-18RE1
Preparation: No Prep Wet Chem
Initial/Final: 10 mL / 10 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Sulfate	20	526	538	2.13	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

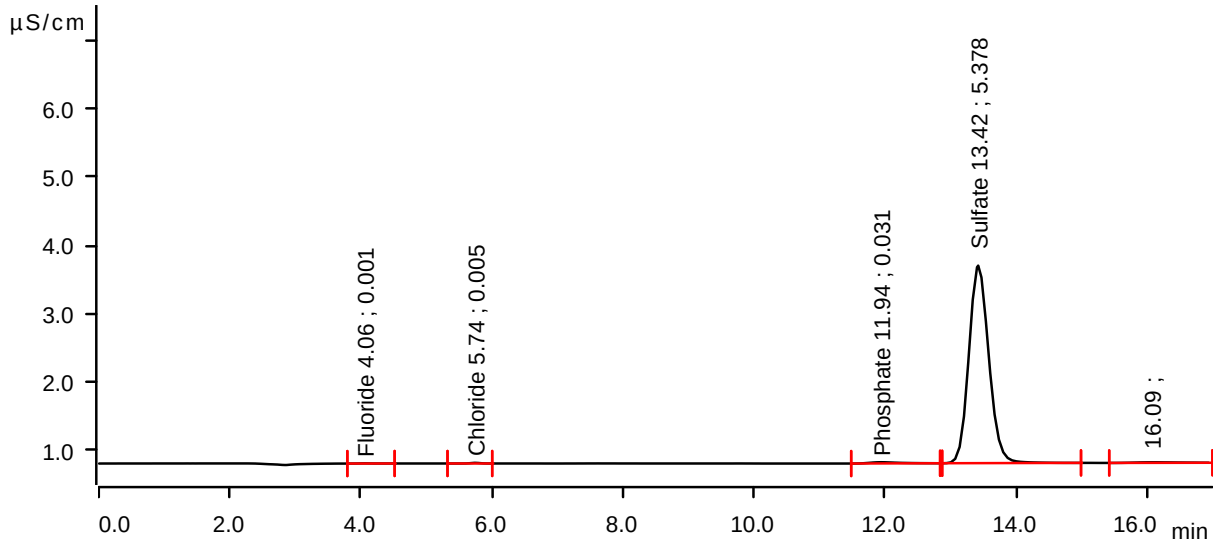
Sample data

Ident	**BJF0194-DUP2**
Sample type	Sample
Determination start	2021-06-10 17:33:16 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**100.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.0005	0.003	0.001	Fluoride
2	5.743	0.0016	0.010	0.005	Chloride
3	11.937	0.0090	0.017	0.031	Phosphate
4	13.418	1.0186	2.886	5.378	Sulfate
5	16.087	0.0062	0.008	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY
EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/09/21 06:00
Batch:	BJF0193	Laboratory ID:	BJF0193-MS1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike
Initial/Final:	10 mL / 10 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	Q	MS CONCENTRATION (mg/L)	Q	MS % REC. #	QC LIMITS REC.
Chloride	2.00	0.389		2.09		84.9	75 - 125
Nitrate-N	2.00	ND	H, U	1.82	H	91.1	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY
EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/09/21 06:20
Batch:	BJF0193	Laboratory ID:	BJF0193-MSD1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike Dup
Initial/Final:	10 mL / 10 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloride	2.00	2.10		85.7	0.811	20	75 - 125
Nitrate-N	2.00	1.84	H	92.0	0.983	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

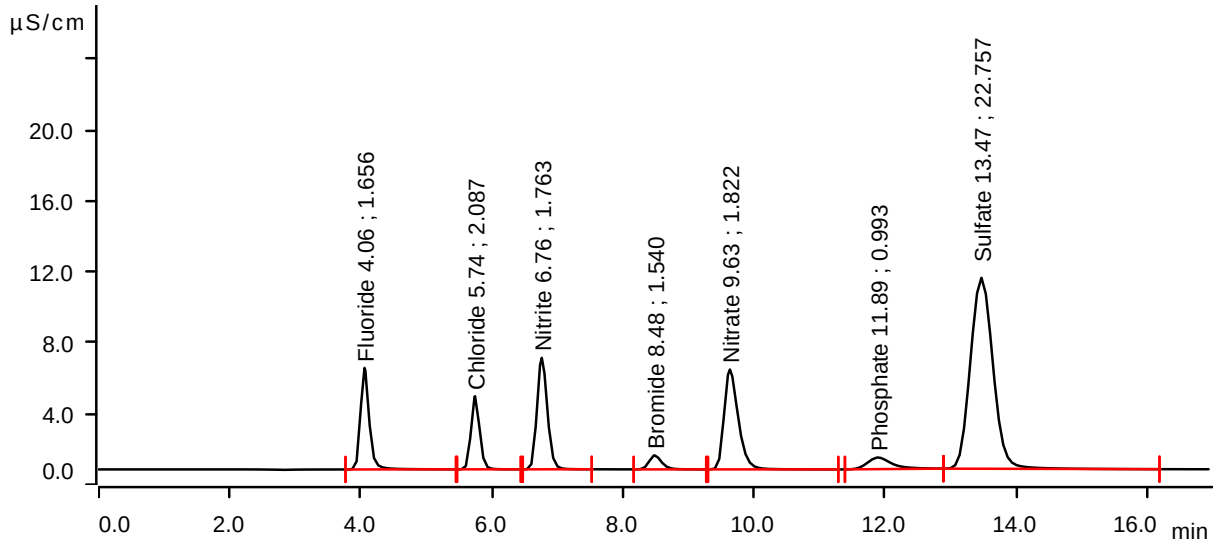
Sample data

Ident	**BJF0193-MS1**
Sample type	Sample
Determination start	2021-06-09 06:00:25 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.71	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.8915	5.721	1.656	Fluoride
2	5.742	0.6317	4.124	2.087	Chloride
3	6.760	1.1549	6.284	1.763	Nitrite
4	8.482	0.1775	0.789	1.540	Bromide
5	9.630	1.4098	5.627	1.822	Nitrate
6	11.890	0.2862	0.654	0.993	Phosphate
7	13.467	4.3102	10.758	22.757	Sulfate

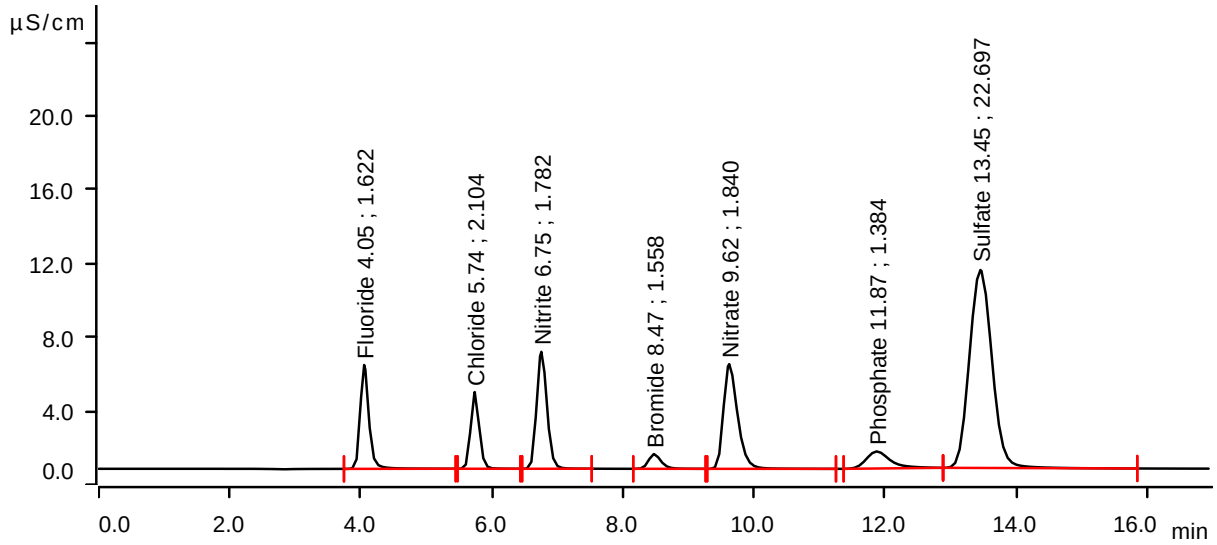
Sample data

Ident	**BJF0193-MSD1**
Sample type	Sample
Determination start	2021-06-09 06:20:23 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.050	0.8731	5.639	1.622	Fluoride
2	5.737	0.6371	4.162	2.104	Chloride
3	6.753	1.1672	6.348	1.782	Nitrite
4	8.473	0.1795	0.798	1.558	Bromide
5	9.620	1.4235	5.683	1.840	Nitrate
6	11.870	0.3989	0.926	1.384	Phosphate
7	13.452	4.2989	10.744	22.697	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY
EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/13/21 06:12
Batch:	BJF0193	Laboratory ID:	BJF0193-MS2
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike
Initial/Final:	10 mL / 10.05 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	Q	MS CONCENTRATION (mg/L)	Q	MS % REC. #	QC LIMITS REC.
Sulfate	50.0	17.3	D	50.7	*, D	66.8 *	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY
EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/13/21 06:31
Batch:	BJF0193	Laboratory ID:	BJF0193-MSD2
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike Dup
Initial/Final:	10 mL / 10.05 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Sulfate	50.0	50.9	*, D	67.1 *	0.253	20	75 - 125

* Values outside of QC limits

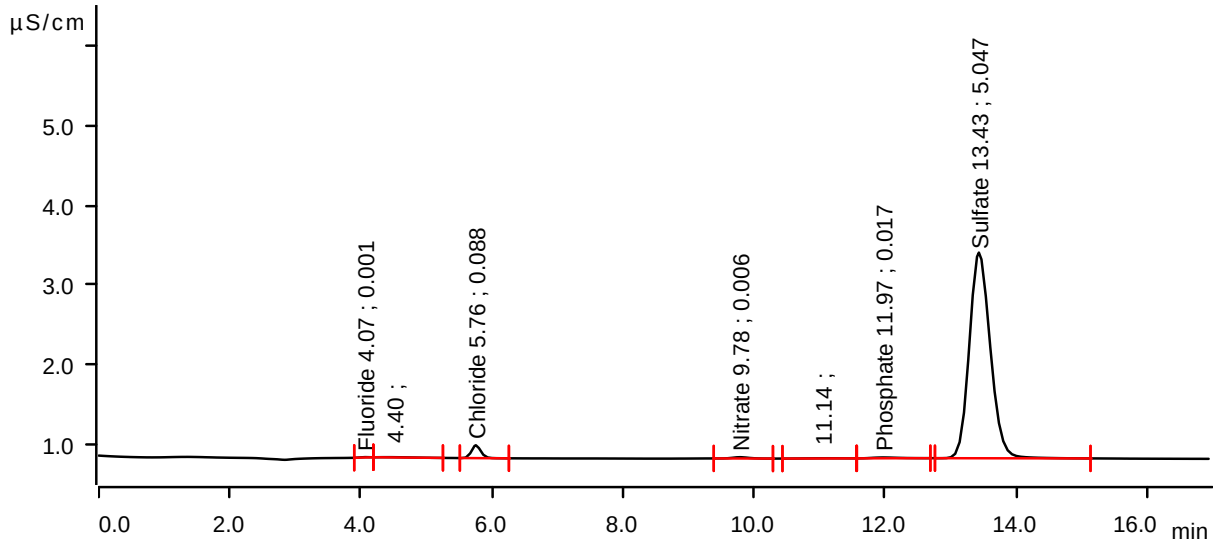
Sample data

Ident	**BJF0193-MS2**
Sample type	Sample
Determination start	2021-06-13 06:12:13 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**10.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.067	0.0007	0.005	0.001	Fluoride
2	4.395	0.0019	0.003	invalid	
3	5.755	0.0268	0.161	0.088	Chloride
4	9.780	0.0047	0.016	0.006	Nitrate
5	11.137	0.0015	0.002	invalid	
6	11.967	0.0048	0.010	0.017	Phosphate
7	13.428	0.9560	2.576	5.047	Sulfate

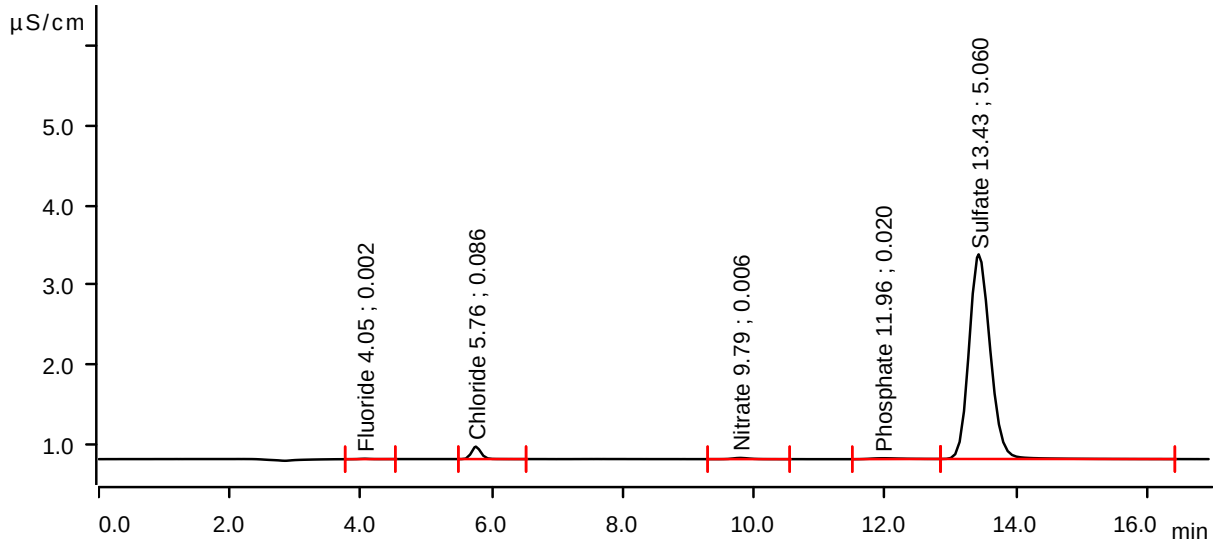
Sample data

Ident	**BJF0193-MSD2**
Sample type	Sample
Determination start	2021-06-13 06:31:57 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**10.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.053	0.0010	0.005	0.002	Fluoride
2	5.755	0.0261	0.156	0.086	Chloride
3	9.785	0.0044	0.015	0.006	Nitrate
4	11.960	0.0059	0.011	0.020	Phosphate
5	13.425	0.9584	2.563	5.060	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY
EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/09/21 07:20
Batch:	BJF0194	Laboratory ID:	BJF0194-MS1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike
Initial/Final:	10 mL / 10 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	Q	MS CONCENTRATION (mg/L)	Q	MS % REC. #	QC LIMITS REC.
Chloride	2.00	0.555		2.31		87.6	75 - 125
Nitrate-N	2.00	ND	H, U	1.74	H	87.0	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY
EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/09/21 08:20
Batch:	BJF0194	Laboratory ID:	BJF0194-MSD1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike Dup
Initial/Final:	10 mL / 10 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloride	2.00	2.34		89.3	1.46	20	75 - 125
Nitrate-N	2.00	1.77	H	88.6	1.82	20	75 - 125

* Values outside of QC limits

* Values outside of QC limits

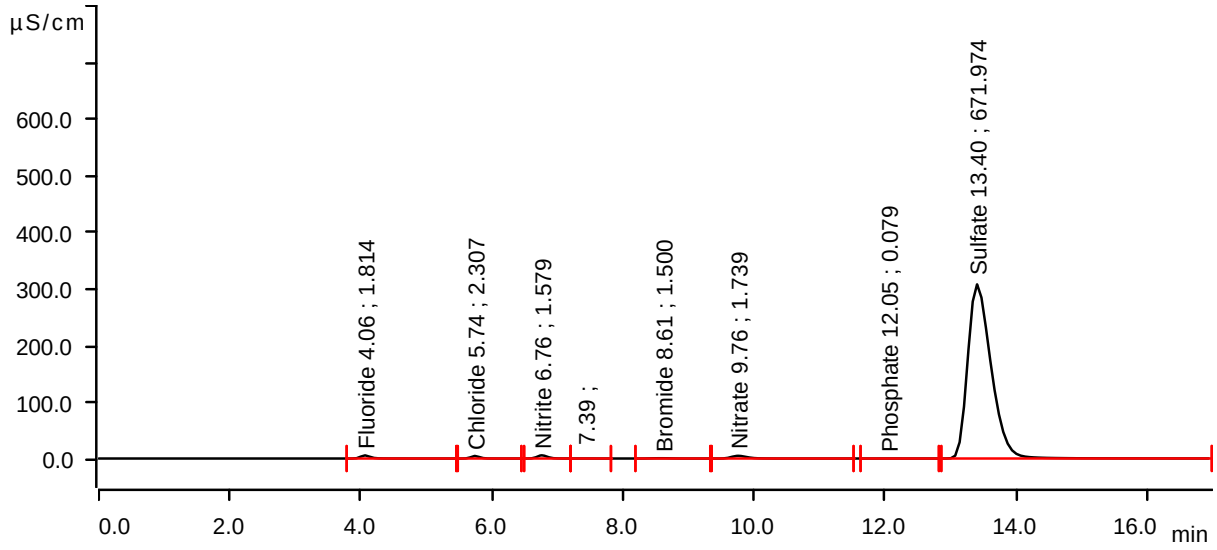
Sample data

Ident	**BJF0194-MS1**	
Sample type	Sample	
Determination start	2021-06-09 07:20:18 UTC-7	
Method / Calibration Date	EE00051-051921	
Operator	IC930	
Dilution Factor	**1.00**	

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.062	0.9762	5.474	1.814	Fluoride
2	5.742	0.6984	4.487	2.307	Chloride
3	6.760	1.0345	5.628	1.579	Nitrite
4	7.385	0.0047	0.015	invalid	
5	8.608	0.1729	0.501	1.500	Bromide
6	9.757	1.3450	4.788	1.739	Nitrate
7	12.053	0.0229	0.047	0.079	Phosphate
8	13.402	127.2750	307.344	671.974	Sulfate

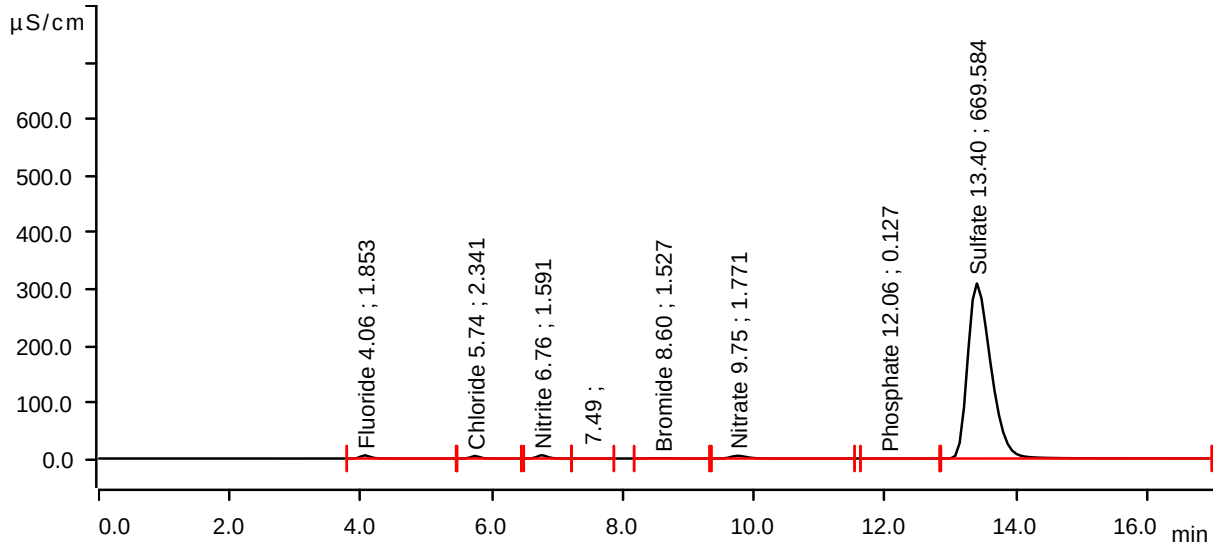
Sample data

Ident	**BJF0194-MSD1**	
Sample type	Sample	
Determination start	2021-06-09 08:20:20 UTC-7	
Method / Calibration Date	EE00051-051921	
Operator	IC930	
Dilution Factor	**1.00**	

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.062	0.9972	5.603	1.853	Fluoride
2	5.740	0.7087	4.551	2.341	Chloride
3	6.760	1.0424	5.666	1.591	Nitrite
4	7.493	0.0042	0.013	invalid	
5	8.600	0.1759	0.477	1.527	Bromide
6	9.750	1.3698	4.780	1.771	Nitrate
7	12.057	0.0367	0.077	0.127	Phosphate
8	13.397	126.8223	308.801	669.584	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY
EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/13/21 07:51
Batch:	BJF0194	Laboratory ID:	BJF0194-MS2
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike
Initial/Final:	5 mL / 5.5 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	Q	MS CONCENTRATION (mg/L)	Q	MS % REC. #	QC LIMITS REC.
Sulfate	1000	526	D	1290	D	75.9	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY
EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/13/21 08:11
Batch:	BJF0194	Laboratory ID:	BJF0194-MSD2
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike Dup
Initial/Final:	5 mL / 5.5 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Sulfate	1000	1460	D	93.0	12.5	20	75 - 125

* Values outside of QC limits

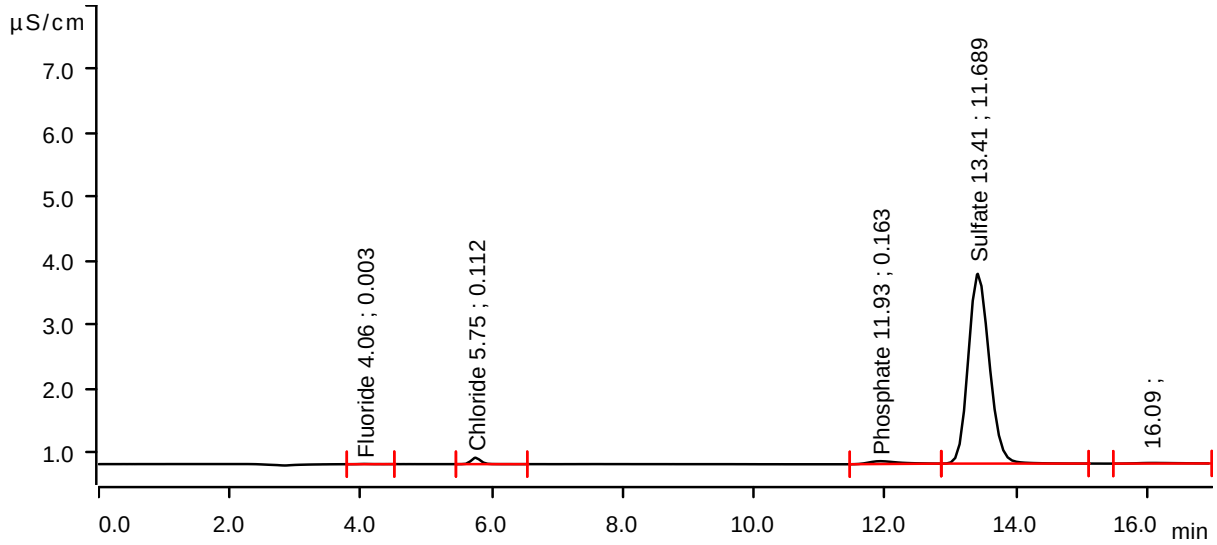
Sample data

Ident	**BJF0194-MS2**
Sample type	Sample
Determination start	2021-06-13 07:51:27 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**200.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.88	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.055	0.0007	0.004	0.003	Fluoride
2	5.750	0.0169	0.101	0.112	Chloride
3	11.925	0.0234	0.045	0.163	Phosphate
4	13.412	1.1070	2.971	11.689	Sulfate
5	16.092	0.0067	0.009	invalid	

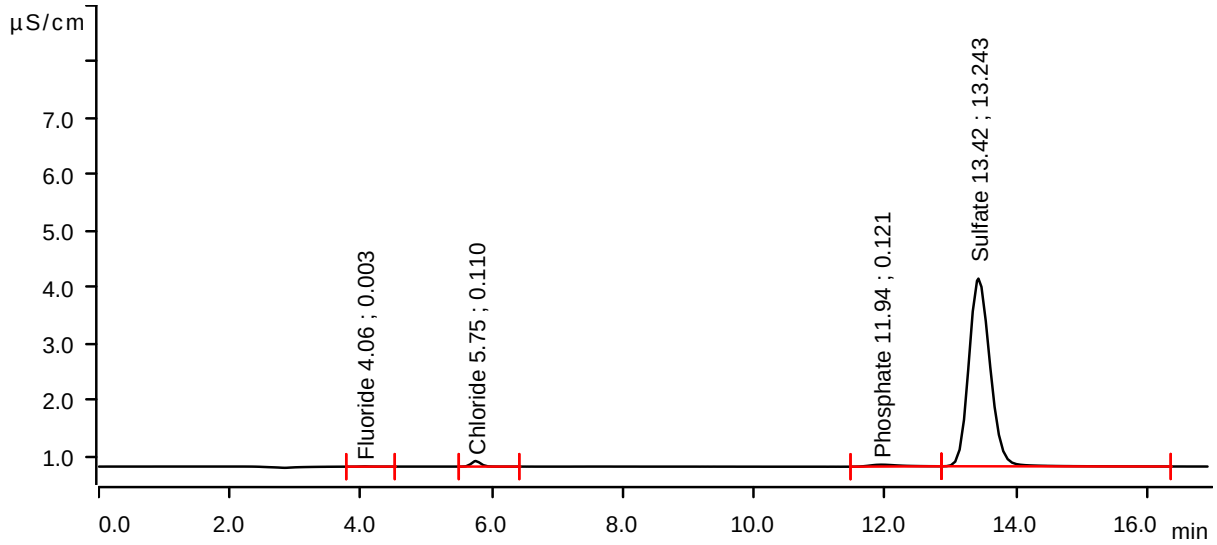
Sample data

Ident	**BJF0194-MSD2**
Sample type	Sample
Determination start	2021-06-13 08:11:10 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**200.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.057	0.0008	0.004	0.003	Fluoride
2	5.752	0.0167	0.099	0.110	Chloride
3	11.942	0.0175	0.033	0.121	Phosphate
4	13.422	1.2541	3.330	13.243	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJE0230	Instrument:	IC930
		Calibration:	EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Cal Standard	SJE0230-CAL1	SJE0230-SJE0230-CAL1	NA	05/19/21 11:17
Cal Standard	SJE0230-CAL2	SJE0230-SJE0230-CAL2	NA	05/19/21 11:37
Cal Standard	SJE0230-CAL3	SJE0230-SJE0230-CAL3	NA	05/19/21 11:57
Cal Standard	SJE0230-CAL4	SJE0230-SJE0230-CAL4	NA	05/19/21 12:16
Cal Standard	SJE0230-CAL5	SJE0230-SJE0230-CAL5	NA	05/19/21 12:36
Cal Standard	SJE0230-CAL6	SJE0230-SJE0230-CAL6	NA	05/19/21 12:56
Cal Standard	SJE0230-CAL7	SJE0230-SJE0230-CAL7	NA	05/19/21 13:16
Initial Cal Check	SJE0230-ICV1	SJE0230-SJE0230-ICV1	NA	05/19/21 13:36
Initial Cal Blank	SJE0230-ICB1	SJE0230-SJE0230-ICB1	NA	05/19/21 13:56

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0090
Instrument: IC930
Calibration: EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Initial Cal Check	SJF0090-ICV1	SJF0090-SJF0090-ICV1	NA	06/08/21 15:21
Initial Cal Check	SJF0090-ICV2	SJF0090-SJF0090-ICV2	NA	06/08/21 15:41
Initial Cal Blank	SJF0090-ICB1	SJF0090-SJF0090-ICB1	NA	06/08/21 16:01
MRL Check	BJF0193-MRL1	SJF0090-BJF0193-MRL1	Water	06/08/21 19:01
Blank	BJF0193-BLK1	SJF0090-BJF0193-BLK1	Water	06/08/21 19:21
Calibration Check	SJF0090-CCV1	SJF0090-SJF0090-CCV1	NA	06/08/21 19:41
Calibration Blank	SJF0090-CCB1	SJF0090-SJF0090-CCB1	NA	06/08/21 20:01
LCS	BJF0193-BS1	SJF0090-BJF0193-BS1	Water	06/08/21 20:21
MRL Check	BJF0194-MRL1	SJF0090-BJF0194-MRL1	Water	06/08/21 20:41
Blank	BJF0194-BLK1	SJF0090-BJF0194-BLK1	Water	06/08/21 21:01
LCS	BJF0194-BS1	SJF0090-BJF0194-BS1	Water	06/08/21 21:21
NRC-3IR-GW-060321	21F0123-02	SJF0090-21F0123-02	Water	06/08/21 22:40
NRC-3IR-GW-060321	21F0123-02	SJF0090-21F0123-02	Water	06/08/21 22:40
NRC-3DR-GW-060321	21F0123-03	SJF0090-21F0123-03	Water	06/08/21 23:00
NRC-3DR-GW-060321	21F0123-03	SJF0090-21F0123-03	Water	06/08/21 23:00
NRC-103DR-GW-060321	21F0123-04	SJF0090-21F0123-04	Water	06/08/21 23:20
NRC-103DR-GW-060321	21F0123-04	SJF0090-21F0123-04	Water	06/08/21 23:20
Calibration Check	SJF0090-CCV2	SJF0090-SJF0090-CCV2	NA	06/08/21 23:40
Calibration Blank	SJF0090-CCB2	SJF0090-SJF0090-CCB2	NA	06/09/21 00:00
NRC-103SR-GW-060321	21F0123-06	SJF0090-21F0123-06	Water	06/09/21 00:20
NRC-103SR-GW-060321	21F0123-06	SJF0090-21F0123-06	Water	06/09/21 00:20
MW-01-GW-060321	21F0123-07	SJF0090-21F0123-07	Water	06/09/21 00:40
MW-01-GW-060321	21F0123-07	SJF0090-21F0123-07	Water	06/09/21 00:40
MW-01-GW-060321	21F0123-07	SJF0090-21F0123-07	Water	06/09/21 00:40
MW-2-GW-060321	21F0123-08	SJF0090-21F0123-08	Water	06/09/21 01:00
MW-2-GW-060321	21F0123-08	SJF0090-21F0123-08	Water	06/09/21 01:00
MW-2-GW-060321	21F0123-08	SJF0090-21F0123-08	Water	06/09/21 01:00
DS-16I-GW-060421	21F0123-09	SJF0090-21F0123-09	Water	06/09/21 01:20
DS-16I-GW-060421	21F0123-09	SJF0090-21F0123-09	Water	06/09/21 01:20
DS-16D-GW-060421	21F0123-10	SJF0090-21F0123-10	Water	06/09/21 01:40

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0090

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: IC930
Calibration: EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-16D-GW-060421	21F0123-10	SJF0090-21F0123-10	Water	06/09/21 01:40
DS-16S-GW-060421	21F0123-11	SJF0090-21F0123-11	Water	06/09/21 02:00
DS-16S-GW-060421	21F0123-11	SJF0090-21F0123-11	Water	06/09/21 02:00
DS-15S-GW-060421	21F0123-12	SJF0090-21F0123-12	Water	06/09/21 02:20
DS-15S-GW-060421	21F0123-12	SJF0090-21F0123-12	Water	06/09/21 02:20
DS-15I-GW-060421	21F0123-13	SJF0090-21F0123-13	Water	06/09/21 02:40
DS-15I-GW-060421	21F0123-13	SJF0090-21F0123-13	Water	06/09/21 02:40
DS-18S-GW-060421	21F0123-14	SJF0090-21F0123-14	Water	06/09/21 03:00
DS-18S-GW-060421	21F0123-14	SJF0090-21F0123-14	Water	06/09/21 03:00
DS-18I-GW-060421	21F0123-15	SJF0090-21F0123-15	Water	06/09/21 03:20
DS-18I-GW-060421	21F0123-15	SJF0090-21F0123-15	Water	06/09/21 03:20
Calibration Check	SJF0090-CCV3	SJF0090-SJF0090-CCV3	NA	06/09/21 03:40
Calibration Blank	SJF0090-CCB3	SJF0090-SJF0090-CCB3	NA	06/09/21 04:00
DS-18D-GW-060421	21F0123-16	SJF0090-21F0123-16	Water	06/09/21 04:20
DS-18D-GW-060421	21F0123-16	SJF0090-21F0123-16	Water	06/09/21 04:20
DS-17S-GW-060421	21F0123-17	SJF0090-21F0123-17	Water	06/09/21 04:40
DS-17S-GW-060421	21F0123-17	SJF0090-21F0123-17	Water	06/09/21 04:40
FieldBlank-1-GW-060421	21F0123-19	SJF0090-21F0123-19	Water	06/09/21 05:00
FieldBlank-1-GW-060421	21F0123-19	SJF0090-21F0123-19	Water	06/09/21 05:00
FieldBlank-1-GW-060421	21F0123-19	SJF0090-21F0123-19	Water	06/09/21 05:00
NRC-3SR-GW-060321	21F0123-01	SJF0090-21F0123-01	Water	06/09/21 05:20
NRC-3SR-GW-060321	21F0123-01	SJF0090-21F0123-01	Water	06/09/21 05:20
NRC-3SR-GW-060321	BJF0193-DUP1	SJF0090-BJF0193-DUP1	Water	06/09/21 05:40
NRC-3SR-GW-060321	BJF0193-DUP1	SJF0090-BJF0193-DUP1	Water	06/09/21 05:40
NRC-3SR-GW-060321	BJF0193-DUP1	SJF0090-BJF0193-DUP1	Water	06/09/21 05:40
NRC-3SR-GW-060321	BJF0193-MS1	SJF0090-BJF0193-MS1	Water	06/09/21 06:00
NRC-3SR-GW-060321	BJF0193-MS1	SJF0090-BJF0193-MS1	Water	06/09/21 06:00
NRC-3SR-GW-060321	BJF0193-MS1	SJF0090-BJF0193-MS1	Water	06/09/21 06:00
NRC-3SR-GW-060321	BJF0193-MSD1	SJF0090-BJF0193-MSD1	Water	06/09/21 06:20
NRC-3SR-GW-060321	BJF0193-MSD1	SJF0090-BJF0193-MSD1	Water	06/09/21 06:20

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0090
Instrument: IC930
Calibration: EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
NRC-3SR-GW-060321	BJF0193-MSD1	SJF0090-BJF0193-MSD1	Water	06/09/21 06:20
DS-17I-GW-060421	21F0123-18	SJF0090-21F0123-18	Water	06/09/21 06:40
DS-17I-GW-060421	21F0123-18	SJF0090-21F0123-18	Water	06/09/21 06:40
DS-17I-GW-060421	BJF0194-DUP1	SJF0090-BJF0194-DUP1	Water	06/09/21 07:00
DS-17I-GW-060421	BJF0194-DUP1	SJF0090-BJF0194-DUP1	Water	06/09/21 07:00
DS-17I-GW-060421	BJF0194-DUP1	SJF0090-BJF0194-DUP1	Water	06/09/21 07:00
DS-17I-GW-060421	BJF0194-MS1	SJF0090-BJF0194-MS1	Water	06/09/21 07:20
DS-17I-GW-060421	BJF0194-MS1	SJF0090-BJF0194-MS1	Water	06/09/21 07:20
DS-17I-GW-060421	BJF0194-MS1	SJF0090-BJF0194-MS1	Water	06/09/21 07:20
Calibration Check	SJF0090-CCV4	SJF0090-SJF0090-CCV4	NA	06/09/21 07:40
Calibration Blank	SJF0090-CCB4	SJF0090-SJF0090-CCB4	NA	06/09/21 08:00
DS-17I-GW-060421	BJF0194-MSD1	SJF0090-BJF0194-MSD1	Water	06/09/21 08:20
DS-17I-GW-060421	BJF0194-MSD1	SJF0090-BJF0194-MSD1	Water	06/09/21 08:20
DS-17I-GW-060421	BJF0194-MSD1	SJF0090-BJF0194-MSD1	Water	06/09/21 08:20
MW-3-GW-060421	21F0123-21	SJF0090-21F0123-21	Water	06/09/21 08:40
MW-3-GW-060421	21F0123-21	SJF0090-21F0123-21	Water	06/09/21 08:40
SG-7R-WP-060421	21F0123-22	SJF0090-21F0123-22	Water	06/09/21 09:00
SG-7R-WP-060421	21F0123-22	SJF0090-21F0123-22	Water	06/09/21 09:00
SG-7R-WP-060421	21F0123-22	SJF0090-21F0123-22	Water	06/09/21 09:00
DS-12S-GW-060421	21F0123-23	SJF0090-21F0123-23	Water	06/09/21 09:20
DS-12S-GW-060421	21F0123-23	SJF0090-21F0123-23	Water	06/09/21 09:20
DS-12I-GW-060421	21F0123-24	SJF0090-21F0123-24	Water	06/09/21 09:40
DS-12I-GW-060421	21F0123-24	SJF0090-21F0123-24	Water	06/09/21 09:40
DS-12D-GW-060421	21F0123-25	SJF0090-21F0123-25	Water	06/09/21 10:00
DS-12D-GW-060421	21F0123-25	SJF0090-21F0123-25	Water	06/09/21 10:00
DS-13S-GW-060421	21F0123-26	SJF0090-21F0123-26	Water	06/09/21 10:20
DS-13S-GW-060421	21F0123-26	SJF0090-21F0123-26	Water	06/09/21 10:20
DS-13I-GW-060421	21F0123-27	SJF0090-21F0123-27	Water	06/09/21 10:40
DS-13I-GW-060421	21F0123-27	SJF0090-21F0123-27	Water	06/09/21 10:40
DS-13D-GW-060421	21F0123-28	SJF0090-21F0123-28	Water	06/09/21 11:00

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0090
Instrument: IC930
Calibration: EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-13D-GW-060421	21F0123-28	SJF0090-21F0123-28	Water	06/09/21 11:00
HBKG-2-GW-060421	21F0123-29	SJF0090-21F0123-29	Water	06/09/21 11:20
HBKG-2-GW-060421	21F0123-29	SJF0090-21F0123-29	Water	06/09/21 11:20
Calibration Check	SJF0090-CCV5	SJF0090-SJF0090-CCV5	NA	06/09/21 11:40
Calibration Check	SJF0090-CCV6	SJF0090-SJF0090-CCV6	NA	06/09/21 12:00
Calibration Blank	SJF0090-CCB5	SJF0090-SJF0090-CCB5	NA	06/09/21 12:20
US-1S-GW-060421	21F0123-30	SJF0090-21F0123-30	Water	06/09/21 12:40
US-1S-GW-060421	21F0123-30	SJF0090-21F0123-30	Water	06/09/21 12:40
US-1S-GW-060421	21F0123-30	SJF0090-21F0123-30	Water	06/09/21 12:40
US-1I-GW-060421	21F0123-31	SJF0090-21F0123-31	Water	06/09/21 13:00
US-1I-GW-060421	21F0123-31	SJF0090-21F0123-31	Water	06/09/21 13:00
US-1D-GW-060421	21F0123-32	SJF0090-21F0123-32	Water	06/09/21 13:20
US-1D-GW-060421	21F0123-32	SJF0090-21F0123-32	Water	06/09/21 13:20
TP2-12D-GW-060521	21F0123-33	SJF0090-21F0123-33	Water	06/09/21 13:40
TP2-12D-GW-060521	21F0123-33	SJF0090-21F0123-33	Water	06/09/21 13:40
TP2-12S-GW-060521	21F0123-34	SJF0090-21F0123-34	Water	06/09/21 14:00
TP2-12S-GW-060521	21F0123-34	SJF0090-21F0123-34	Water	06/09/21 14:00
RC-6-SW-060521	21F0123-35	SJF0090-21F0123-35	Water	06/09/21 14:20
RC-6-SW-060521	21F0123-35	SJF0090-21F0123-35	Water	06/09/21 14:20
RC-6-SW-060521	21F0123-35	SJF0090-21F0123-35	Water	06/09/21 14:20
RC-6-PW-6-060521	21F0123-37	SJF0090-21F0123-37	Water	06/09/21 14:40
RC-6-PW-6-060521	21F0123-37	SJF0090-21F0123-37	Water	06/09/21 14:40
RC-6-PW-6-060521	21F0123-37	SJF0090-21F0123-37	Water	06/09/21 14:40
RC-6-PW-12-060521	21F0123-38	SJF0090-21F0123-38	Water	06/09/21 15:00
RC-6-PW-12-060521	21F0123-38	SJF0090-21F0123-38	Water	06/09/21 15:00
RC-6-PW-12-060521	21F0123-38	SJF0090-21F0123-38	Water	06/09/21 15:00
RC-6-WP-36-060521	21F0123-39	SJF0090-21F0123-39	Water	06/09/21 15:20
RC-6-WP-36-060521	21F0123-39	SJF0090-21F0123-39	Water	06/09/21 15:20
RC-6-WP-36-060521	21F0123-39	SJF0090-21F0123-39	Water	06/09/21 15:20
RC-1-SW-060521	21F0123-40	SJF0090-21F0123-40	Water	06/09/21 15:40

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0090
Instrument: IC930
Calibration: EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
RC-1-SW-060521	21F0123-40	SJF0090-21F0123-40	Water	06/09/21 15:40
RC-1-SW-060521	21F0123-40	SJF0090-21F0123-40	Water	06/09/21 15:40
Calibration Check	SJF0090-CCV7	SJF0090-SJF0090-CCV7	NA	06/09/21 16:00
Calibration Check	SJF0090-CCV8	SJF0090-SJF0090-CCV8	NA	06/09/21 16:20
Calibration Blank	SJF0090-CCB6	SJF0090-SJF0090-CCB6	NA	06/09/21 16:40
Calibration Check	SJF0090-CCV9	SJF0090-SJF0090-CCV9	NA	06/09/21 20:20
Calibration Blank	SJF0090-CCB7	SJF0090-SJF0090-CCB7	NA	06/09/21 20:40
Calibration Check	SJF0090-CCVA	SJF0090-SJF0090-CCVA	NA	06/10/21 00:20
Calibration Blank	SJF0090-CCB8	SJF0090-SJF0090-CCB8	NA	06/10/21 00:40
Calibration Check	SJF0090-CCVB	SJF0090-SJF0090-CCVB	NA	06/10/21 04:20
Calibration Blank	SJF0090-CCB9	SJF0090-SJF0090-CCB9	NA	06/10/21 04:40
Calibration Check	SJF0090-CCVC	SJF0090-SJF0090-CCVC	NA	06/10/21 08:19
Calibration Blank	SJF0090-CCBA	SJF0090-SJF0090-CCBA	NA	06/10/21 08:39
NRC-3IR-GW-060321	21F0123-02RE1	SJF0090-21F0123-02RE1	Water	06/10/21 10:57
NRC-3DR-GW-060321	21F0123-03RE1	SJF0090-21F0123-03RE1	Water	06/10/21 11:17
NRC-103DR-GW-060321	21F0123-04RE1	SJF0090-21F0123-04RE1	Water	06/10/21 11:37
NRC-103SR-GW-060321	21F0123-06RE1	SJF0090-21F0123-06RE1	Water	06/10/21 11:57
Calibration Check	SJF0090-CCVD	SJF0090-SJF0090-CCVD	NA	06/10/21 12:16
Calibration Blank	SJF0090-CCBB	SJF0090-SJF0090-CCBB	NA	06/10/21 12:36
DS-16I-GW-060421	21F0123-09RE1	SJF0090-21F0123-09RE1	Water	06/10/21 12:56
DS-16D-GW-060421	21F0123-10RE1	SJF0090-21F0123-10RE1	Water	06/10/21 13:16
DS-16S-GW-060421	21F0123-11RE1	SJF0090-21F0123-11RE1	Water	06/10/21 13:36
DS-15S-GW-060421	21F0123-12RE1	SJF0090-21F0123-12RE1	Water	06/10/21 13:55
DS-15I-GW-060421	21F0123-13RE1	SJF0090-21F0123-13RE1	Water	06/10/21 14:15
DS-18S-GW-060421	21F0123-14RE1	SJF0090-21F0123-14RE1	Water	06/10/21 14:35
DS-18I-GW-060421	21F0123-15RE1	SJF0090-21F0123-15RE1	Water	06/10/21 14:54
DS-18D-GW-060421	21F0123-16RE1	SJF0090-21F0123-16RE1	Water	06/10/21 15:14
DS-17S-GW-060421	21F0123-17RE1	SJF0090-21F0123-17RE1	Water	06/10/21 15:34
NRC-3SR-GW-060321	21F0123-01RE1	SJF0090-21F0123-01RE1	Water	06/10/21 15:54
Calibration Check	SJF0090-CCVE	SJF0090-SJF0090-CCVE	NA	06/10/21 16:13

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0090

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: IC930
Calibration: EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Blank	SJF0090-CCBC	SJF0090-SJF0090-CCBC	NA	06/10/21 16:33
NRC-3SR-GW-060321	BJF0193-DUP2	SJF0090-BJF0193-DUP2	Water	06/10/21 16:53
DS-17I-GW-060421	21F0123-18RE1	SJF0090-21F0123-18RE1	Water	06/10/21 17:13
DS-17I-GW-060421	BJF0194-DUP2	SJF0090-BJF0194-DUP2	Water	06/10/21 17:33
MW-3-GW-060421	21F0123-21RE1	SJF0090-21F0123-21RE1	Water	06/10/21 17:53
DS-12S-GW-060421	21F0123-23RE1	SJF0090-21F0123-23RE1	Water	06/10/21 18:12
DS-12I-GW-060421	21F0123-24RE1	SJF0090-21F0123-24RE1	Water	06/10/21 18:32
DS-12D-GW-060421	21F0123-25RE1	SJF0090-21F0123-25RE1	Water	06/10/21 18:52
DS-13S-GW-060421	21F0123-26RE1	SJF0090-21F0123-26RE1	Water	06/10/21 19:12
DS-13I-GW-060421	21F0123-27RE1	SJF0090-21F0123-27RE1	Water	06/10/21 19:31
DS-13D-GW-060421	21F0123-28RE1	SJF0090-21F0123-28RE1	Water	06/10/21 19:51
Calibration Check	SJF0090-CCVF	SJF0090-SJF0090-CCVF	NA	06/10/21 20:11
Calibration Blank	SJF0090-CCBD	SJF0090-SJF0090-CCBD	NA	06/10/21 20:31
HBKG-2-GW-060421	21F0123-29RE1	SJF0090-21F0123-29RE1	Water	06/10/21 20:51
US-1I-GW-060421	21F0123-31RE1	SJF0090-21F0123-31RE1	Water	06/10/21 21:11
US-1D-GW-060421	21F0123-32RE1	SJF0090-21F0123-32RE1	Water	06/10/21 21:30
TP2-12D-GW-060521	21F0123-33RE1	SJF0090-21F0123-33RE1	Water	06/10/21 21:50
TP2-12S-GW-060521	21F0123-34RE1	SJF0090-21F0123-34RE1	Water	06/10/21 22:10
Calibration Check	SJF0090-CCVG	SJF0090-SJF0090-CCVG	NA	06/11/21 00:08
Calibration Blank	SJF0090-CCBE	SJF0090-SJF0090-CCBE	NA	06/11/21 00:28
Calibration Check	SJF0090-CCVH	SJF0090-SJF0090-CCVH	NA	06/11/21 03:26
Calibration Blank	SJF0090-CCBF	SJF0090-SJF0090-CCBF	NA	06/11/21 03:47

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0146
Instrument: IC930
Calibration: EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Initial Cal Check	SJF0146-ICV1	SJF0146-SJF0146-ICV1	NA	06/11/21 10:38
Initial Cal Blank	SJF0146-ICB1	SJF0146-SJF0146-ICB1	NA	06/11/21 10:58
Calibration Check	SJF0146-CCV1	SJF0146-SJF0146-CCV1	NA	06/11/21 14:38
Calibration Check	SJF0146-CCV2	SJF0146-SJF0146-CCV2	NA	06/11/21 14:58
Calibration Blank	SJF0146-CCB1	SJF0146-SJF0146-CCB1	NA	06/11/21 15:18
Calibration Check	SJF0146-CCV3	SJF0146-SJF0146-CCV3	NA	06/11/21 18:58
Calibration Check	SJF0146-CCV4	SJF0146-SJF0146-CCV4	NA	06/11/21 19:18
Calibration Blank	SJF0146-CCB2	SJF0146-SJF0146-CCB2	NA	06/11/21 19:38
Calibration Check	SJF0146-CCV5	SJF0146-SJF0146-CCV5	NA	06/11/21 23:18
Calibration Check	SJF0146-CCV6	SJF0146-SJF0146-CCV6	NA	06/11/21 23:38
Calibration Blank	SJF0146-CCB3	SJF0146-SJF0146-CCB3	NA	06/11/21 23:58
Calibration Check	SJF0146-CCV7	SJF0146-SJF0146-CCV7	NA	06/12/21 13:35
Calibration Check	SJF0146-CCV8	SJF0146-SJF0146-CCV8	NA	06/12/21 13:55
Calibration Blank	SJF0146-CCB4	SJF0146-SJF0146-CCB4	NA	06/12/21 14:15
Calibration Check	SJF0146-CCV9	SJF0146-SJF0146-CCV9	NA	06/12/21 17:55
Calibration Check	SJF0146-CCVA	SJF0146-SJF0146-CCVA	NA	06/12/21 18:15
Calibration Blank	SJF0146-CCB5	SJF0146-SJF0146-CCB5	NA	06/12/21 18:35
Calibration Check	SJF0146-CCVB	SJF0146-SJF0146-CCVB	NA	06/12/21 22:15
Calibration Check	SJF0146-CCVC	SJF0146-SJF0146-CCVC	NA	06/12/21 22:35
Calibration Blank	SJF0146-CCB6	SJF0146-SJF0146-CCB6	NA	06/12/21 22:55
Calibration Check	SJF0146-CCVD	SJF0146-SJF0146-CCVD	NA	06/13/21 02:34
Calibration Check	SJF0146-CCVE	SJF0146-SJF0146-CCVE	NA	06/13/21 02:54
Calibration Blank	SJF0146-CCB7	SJF0146-SJF0146-CCB7	NA	06/13/21 03:14
NRC-3SR-GW-060321	BJF0193-MS2	SJF0146-BJF0193-MS2	Water	06/13/21 06:12
NRC-3SR-GW-060321	BJF0193-MSD2	SJF0146-BJF0193-MSD2	Water	06/13/21 06:31
Calibration Check	SJF0146-CCVF	SJF0146-SJF0146-CCVF	NA	06/13/21 06:51
Calibration Check	SJF0146-CCVG	SJF0146-SJF0146-CCVG	NA	06/13/21 07:11
Calibration Blank	SJF0146-CCB8	SJF0146-SJF0146-CCB8	NA	06/13/21 07:31
DS-17I-GW-060421	BJF0194-MS2	SJF0146-BJF0194-MS2	Water	06/13/21 07:51
DS-17I-GW-060421	BJF0194-MSD2	SJF0146-BJF0194-MSD2	Water	06/13/21 08:11

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0146	Instrument:	IC930
		Calibration:	EE00051

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0146-CCVH	SJF0146-SJF0146-CCVH	NA	06/13/21 09:49
Calibration Check	SJF0146-CCVI	SJF0146-SJF0146-CCVI	NA	06/13/21 10:09
Calibration Blank	SJF0146-CCB9	SJF0146-SJF0146-CCB9	NA	06/13/21 10:29

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EE00051
Instrument: IC930
Calibration Date: 05/19/2021 10:16

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Chloride	0.10005	0.183908	0.2001	0.1924038	0.50025	0.2104948	1.0005	0.231884	2.001	0.2577211	5.0025	0.2858571
Nitrate-N	0.099976	0.4591102	0.19995	0.492123	0.49988	0.5553333	0.99976	0.6175482	1.9995	0.67997	4.9988	0.7404377
Sulfate	0.10002	0.1329734	0.20004	0.1319736	0.5001	0.1339732	1.0002	0.140072	2.0004	0.1517697	5.001	0.1732853

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EE00051
Instrument: IC930
Calibration Date: 05/19/2021 10:16

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Chloride	10.005	0.3095752										
Nitrate-N	9.9976	0.7881691										
Sulfate	10.002	0.1955509										

INITIAL CALIBRATION DATA

EPA 300.0

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EE00051	Instrument:	IC930
Calibration Date:	05/19/2021 10:16		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Chloride	0.2388349	19.9	0.9962			
Nitrate-N	0.6189559	20.1	0.9974			
Sulfate	0.1513712	16.1	0.9933			

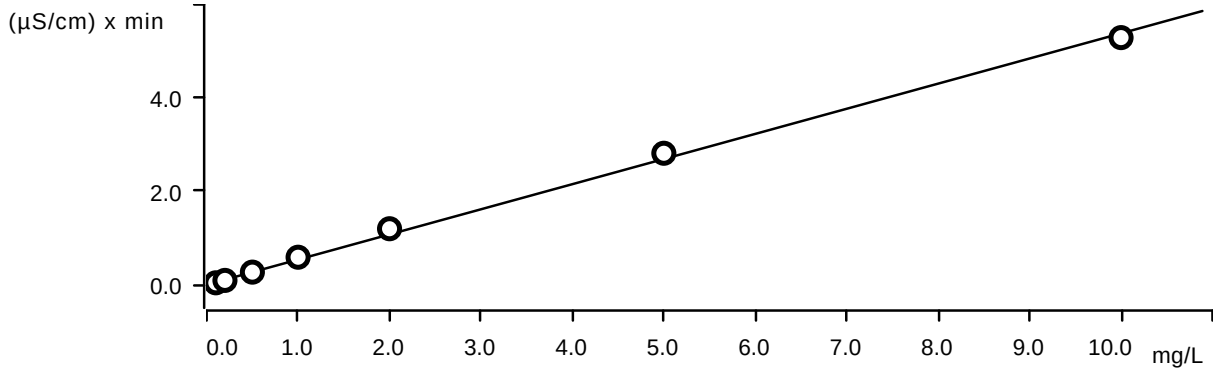
Sample data

Ident	**SEQ-CAL7**
Sample type	Standard 7
Determination start	2021-05-19 13:16:12 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.60	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

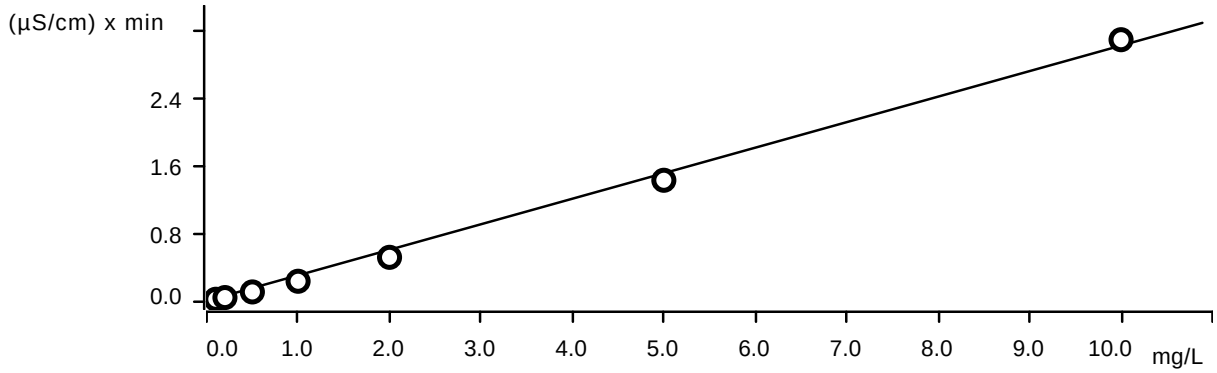
Fluoride (Anions)



Function:	*A = 0.0269106× Q*
Relative standard deviation	*5.633341 %*
Correlation coefficient	*0.999091*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.100	20.0	1.0	1.0	0.0400	SEQ-CAL1	2021-05-19 11:17:49 UTC-7
Standard 2	1	0.200	20.0	1.0	1.0	0.0917	SEQ-CAL2	2021-05-19 11:37:31 UTC-7
Standard 3	1	0.500	20.0	1.0	1.0	0.2686	SEQ-CAL3	2021-05-19 11:57:15 UTC-7
Standard 4	1	1.000	20.0	1.0	1.0	0.5877	SEQ-CAL4	2021-05-19 12:16:59 UTC-7
Standard 5	1	2.000	20.0	1.0	1.0	1.1983	SEQ-CAL5	2021-05-19 12:36:44 UTC-7
Standard 6	1	5.000	20.0	1.0	1.0	2.8145	SEQ-CAL6	2021-05-19 12:56:29 UTC-7
Standard 7	1	10.000	20.0	1.0	1.0	5.2916	SEQ-CAL7	2021-05-19 13:16:12 UTC-7

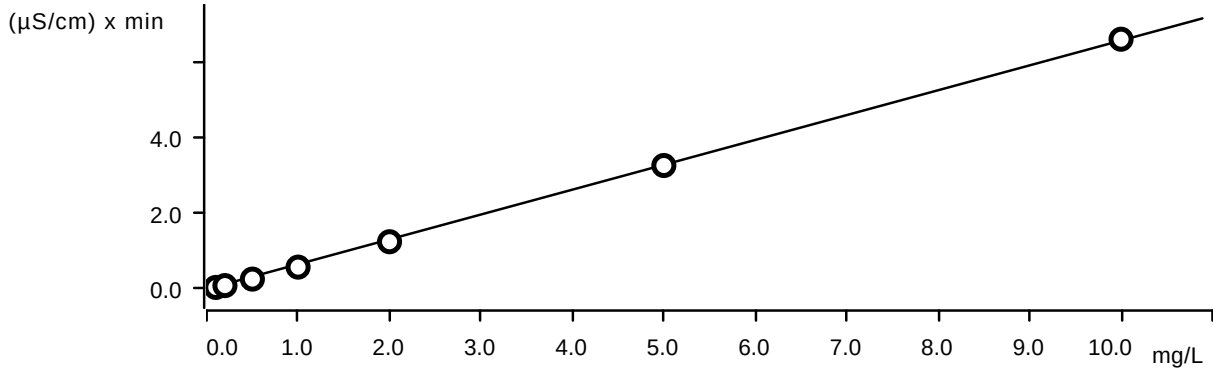
Chloride (Anions)



Function: . . . . . *A = 0.0151376× Q*
Relative standard deviation . . . . . *8.746939 %*
Correlation coefficient *0.998211*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.100	20.0	1.0	1.0	0.0184	SEQ-CAL1	2021-05-19 11:17:49 UTC-7
Standard 2	1	0.200	20.0	1.0	1.0	0.0385	SEQ-CAL2	2021-05-19 11:37:31 UTC-7
Standard 3	1	0.500	20.0	1.0	1.0	0.1053	SEQ-CAL3	2021-05-19 11:57:15 UTC-7
Standard 4	1	1.000	20.0	1.0	1.0	0.2320	SEQ-CAL4	2021-05-19 12:16:59 UTC-7
Standard 5	1	2.000	20.0	1.0	1.0	0.5157	SEQ-CAL5	2021-05-19 12:36:44 UTC-7
Standard 6	1	5.000	20.0	1.0	1.0	1.4300	SEQ-CAL6	2021-05-19 12:56:29 UTC-7
Standard 7	1	10.000	20.0	1.0	1.0	3.0973	SEQ-CAL7	2021-05-19 13:16:12 UTC-7

Nitrite (Anions)

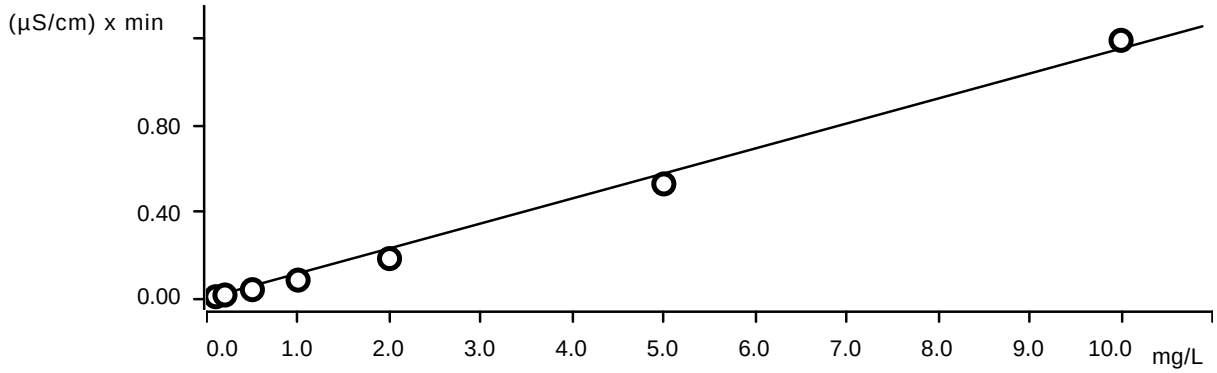


Function: . . . . . *A = 0.0327576× Q*
Relative standard deviation . . . . . *3.147672 %*

Correlation coefficient *0.999749*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.100	20.0	1.0	1.0	0.0427	SEQ-CAL1	2021-05-19 11:17:49 UTC-7
Standard 2	1	0.200	20.0	1.0	1.0	0.0920	SEQ-CAL2	2021-05-19 11:37:31 UTC-7
Standard 3	1	0.500	20.0	1.0	1.0	0.2624	SEQ-CAL3	2021-05-19 11:57:15 UTC-7
Standard 4	1	1.000	20.0	1.0	1.0	0.5785	SEQ-CAL4	2021-05-19 12:16:59 UTC-7
Standard 5	1	2.000	20.0	1.0	1.0	1.2475	SEQ-CAL5	2021-05-19 12:36:44 UTC-7
Standard 6	1	5.000	20.0	1.0	1.0	3.2565	SEQ-CAL6	2021-05-19 12:56:29 UTC-7
Standard 7	1	10.000	20.0	1.0	1.0	6.5857	SEQ-CAL7	2021-05-19 13:16:12 UTC-7

Bromide (Anions)



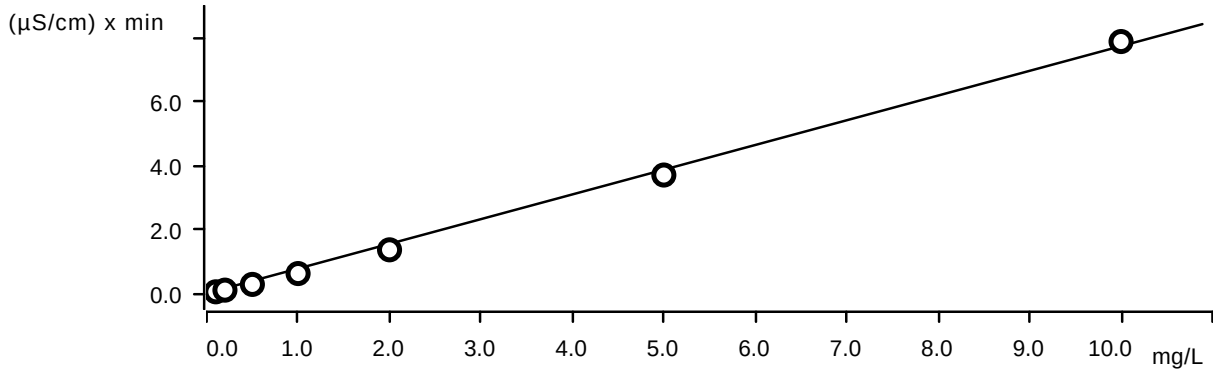
Function: . . . . . *A = 5.76126E-3× Q*

Relative standard deviation . . . . . *11.957019 %*

Correlation coefficient *0.996768*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.100	20.0	1.0	1.0	0.0075	SEQ-CAL1	2021-05-19 11:17:49 UTC-7
Standard 2	1	0.200	20.0	1.0	1.0	0.0154	SEQ-CAL2	2021-05-19 11:37:31 UTC-7
Standard 3	1	0.500	20.0	1.0	1.0	0.0400	SEQ-CAL3	2021-05-19 11:57:15 UTC-7
Standard 4	1	1.000	20.0	1.0	1.0	0.0841	SEQ-CAL4	2021-05-19 12:16:59 UTC-7
Standard 5	1	2.000	20.0	1.0	1.0	0.1834	SEQ-CAL5	2021-05-19 12:36:44 UTC-7
Standard 6	1	5.000	20.0	1.0	1.0	0.5277	SEQ-CAL6	2021-05-19 12:56:29 UTC-7
Standard 7	1	10.000	20.0	1.0	1.0	1.1901	SEQ-CAL7	2021-05-19 13:16:12 UTC-7

Nitrate (Anions)



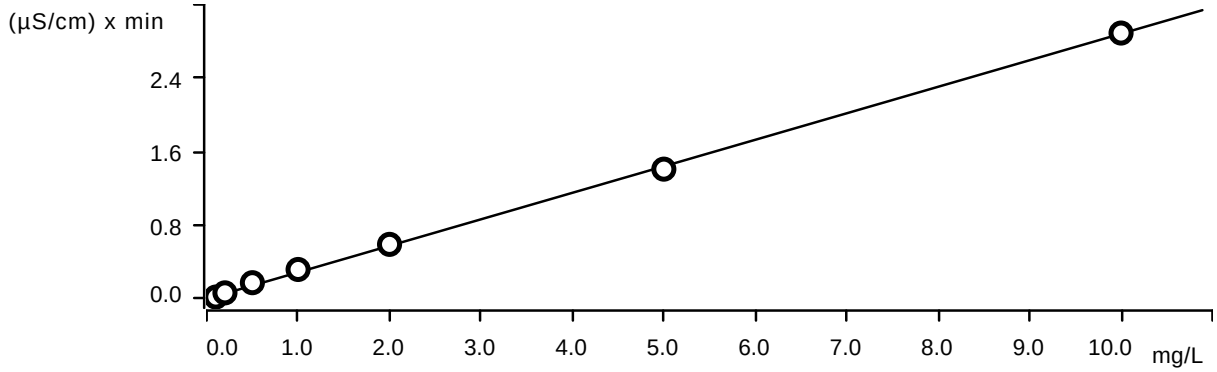
Function: . . . . . *A = 0.0386817× Q*

Relative standard deviation . . . . . *7.202009 %*

Correlation coefficient *0.998763*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.100	20.0	1.0	1.0	0.0459	SEQ-CAL1	2021-05-19 11:17:49 UTC-7
Standard 2	1	0.200	20.0	1.0	1.0	0.0984	SEQ-CAL2	2021-05-19 11:37:31 UTC-7
Standard 3	1	0.500	20.0	1.0	1.0	0.2776	SEQ-CAL3	2021-05-19 11:57:15 UTC-7
Standard 4	1	1.000	20.0	1.0	1.0	0.6174	SEQ-CAL4	2021-05-19 12:16:59 UTC-7
Standard 5	1	2.000	20.0	1.0	1.0	1.3596	SEQ-CAL5	2021-05-19 12:36:44 UTC-7
Standard 6	1	5.000	20.0	1.0	1.0	3.7013	SEQ-CAL6	2021-05-19 12:56:29 UTC-7
Standard 7	1	10.000	20.0	1.0	1.0	7.8798	SEQ-CAL7	2021-05-19 13:16:12 UTC-7

Phosphate (Anions)



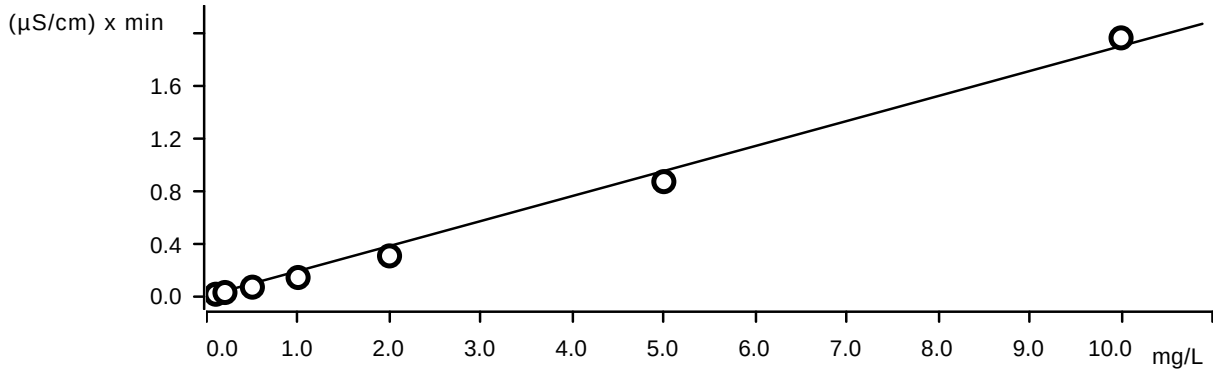
Function: . . . . . *A = 0.0144108× Q*

Relative standard deviation . . . . . *3.025740 %*

Correlation coefficient *0.999744*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.100	20.0	1.0	1.0	0.0195	SEQ-CAL1	2021-05-19 11:17:49 UTC-7
Standard 2	1	0.200	20.0	1.0	1.0	0.0650	SEQ-CAL2	2021-05-19 11:37:31 UTC-7
Standard 3	1	0.500	20.0	1.0	1.0	0.1754	SEQ-CAL3	2021-05-19 11:57:15 UTC-7
Standard 4	1	1.000	20.0	1.0	1.0	0.3193	SEQ-CAL4	2021-05-19 12:16:59 UTC-7
Standard 5	1	2.000	20.0	1.0	1.0	0.5922	SEQ-CAL5	2021-05-19 12:36:44 UTC-7
Standard 6	1	5.000	20.0	1.0	1.0	1.4100	SEQ-CAL6	2021-05-19 12:56:29 UTC-7
Standard 7	1	10.000	20.0	1.0	1.0	2.8898	SEQ-CAL7	2021-05-19 13:16:12 UTC-7

Sulfate (Anions)



Function: . . . . . *A = 9.47024E-3× Q*

Relative standard deviation . . . . . *11.775229 %*

Correlation coefficient *0.996848*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.100	20.0	1.0	1.0	0.0133	SEQ-CAL1	2021-05-19 11:17:49 UTC-7
Standard 2	1	0.200	20.0	1.0	1.0	0.0264	SEQ-CAL2	2021-05-19 11:37:31 UTC-7
Standard 3	1	0.500	20.0	1.0	1.0	0.0670	SEQ-CAL3	2021-05-19 11:57:15 UTC-7
Standard 4	1	1.000	20.0	1.0	1.0	0.1401	SEQ-CAL4	2021-05-19 12:16:59 UTC-7
Standard 5	1	2.000	20.0	1.0	1.0	0.3036	SEQ-CAL5	2021-05-19 12:36:44 UTC-7
Standard 6	1	5.000	20.0	1.0	1.0	0.8666	SEQ-CAL6	2021-05-19 12:56:29 UTC-7
Standard 7	1	10.000	20.0	1.0	1.0	1.9559	SEQ-CAL7	2021-05-19 13:16:12 UTC-7

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: IC930
Calibration: EE00051
Sequence: SJE0230
Date Analyzed: 05/19/21 13:56

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJE0230-ICB1	Chloride	0.00	0.1	0.100	mg/L	
SJE0230-ICB1	Sulfate	0.00	0.1	0.100	mg/L	
SJE0230-ICB1	Nitrate-N	0.00	0.1	0.100	mg/L	

INSTRUMENT BLANKS
EPA 300.0

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: IC930
Sequence: SJF0090

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EE00051
Date Analyzed: 06/08/21 16:01

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0090-ICB1	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-ICB1	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-ICB1	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB1	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB1	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB1	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCB2	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCB2	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB2	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB3	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCB3	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB3	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB4	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB4	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCB4	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB5	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB5	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCB5	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB6	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCB6	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB6	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB7	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCB7	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB7	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB8	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB8	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCB8	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB9	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCB9	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCB9	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCBA	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCBA	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCBA	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCBB	Nitrate-N	0.00	0.1	0.100	mg/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: IC930
Calibration: EE00051
Sequence: SJF0090
Date Analyzed: 06/10/21 12:36

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0090-CCBB	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCBB	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCBC	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCBC	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCBC	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCBD	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCBD	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCBD	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCBE	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCBE	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCBE	Chloride	0.00	0.1	0.100	mg/L	
SJF0090-CCBF	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0090-CCBF	Sulfate	0.00	0.1	0.100	mg/L	
SJF0090-CCBF	Chloride	0.00	0.1	0.100	mg/L	

INSTRUMENT BLANKS
EPA 300.0

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Instrument ID: IC930
Sequence: SJF0146

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/R
Calibration: EE00051
Date Analyzed: 06/11/21 10:58

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0146-ICB1	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-ICB1	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-ICB1	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB1	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB1	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-CCB1	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB2	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB2	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB2	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-CCB3	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB3	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB3	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-CCB4	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB4	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB4	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-CCB5	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-CCB5	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB5	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB6	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB6	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-CCB6	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB7	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB7	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB7	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-CCB8	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB8	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB8	Chloride	0.00	0.1	0.100	mg/L	
SJF0146-CCB9	Nitrate-N	0.00	0.1	0.100	mg/L	
SJF0146-CCB9	Sulfate	0.00	0.1	0.100	mg/L	
SJF0146-CCB9	Chloride	0.00	0.1	0.100	mg/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: IC930
Calibration: EE00051
Control Limt: +/- 10.00%
Sequence: SJE0230

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJE0230-ICV1	Chloride	5.0000	4.66	93.3	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.71	94.2	mg/L	EPA 300.0
	Sulfate	5.0000	4.92	98.4	mg/L	EPA 300.0

* Values outside of QC limits

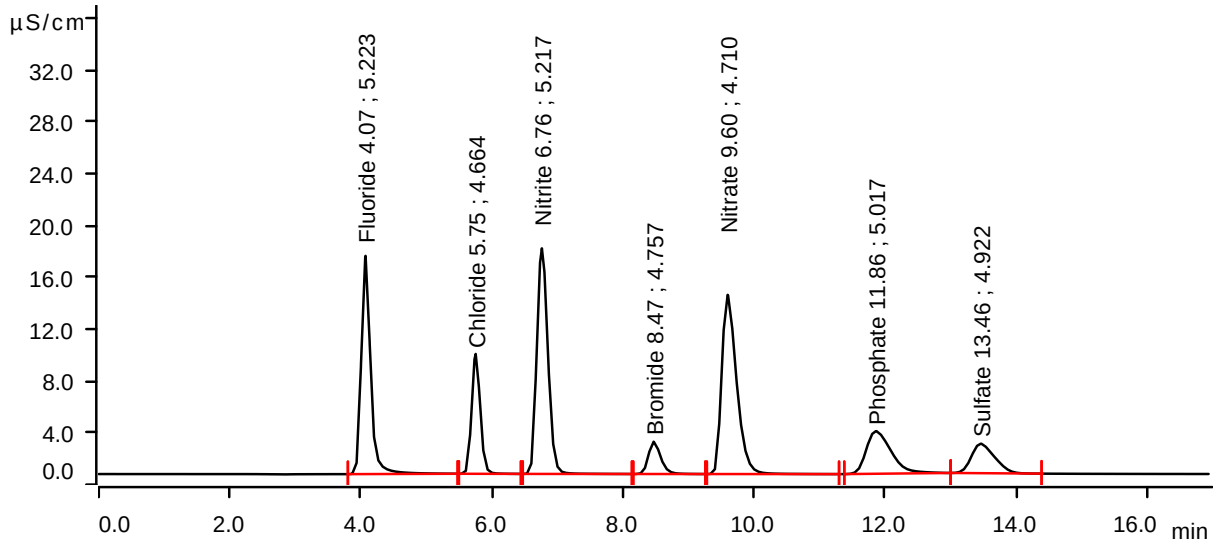
Sample data

Ident	**SEQ-ICV1**
Sample type	Check standard 1
Determination start	2021-05-19 13:36:10 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.65	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.072	2.8108	16.854	5.223	Fluoride
2	5.752	1.4120	9.258	4.664	Chloride
3	6.762	3.4182	17.424	5.217	Nitrite
4	8.468	0.5482	2.496	4.757	Bromide
5	9.595	3.6439	13.841	4.710	Nitrate
6	11.857	1.4460	3.290	5.017	Phosphate
7	13.457	0.9323	2.276	4.922	Sulfate

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: IC930
Calibration: EE00051
Control Limt: +/- 10.00%
Sequence: SJF0090

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0090-ICV1	Chloride	5.0000	4.71	94.2	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.2	mg/L	EPA 300.0
	Sulfate	5.0000	4.77	95.5	mg/L	EPA 300.0
SJF0090-ICV2	Chloride	5.0000	4.70	94.1	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.75	95.0	mg/L	EPA 300.0
	Sulfate	5.0000	4.72	94.3	mg/L	EPA 300.0
SJF0090-CCV1	Chloride	5.0000	4.72	94.3	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.77	95.4	mg/L	EPA 300.0
	Sulfate	5.0000	4.74	94.9	mg/L	EPA 300.0
SJF0090-CCV2	Chloride	5.0000	4.71	94.2	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.3	mg/L	EPA 300.0
	Sulfate	5.0000	4.75	94.9	mg/L	EPA 300.0
SJF0090-CCV3	Chloride	5.0000	4.71	94.2	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.77	95.3	mg/L	EPA 300.0
	Sulfate	5.0000	4.91	98.2	mg/L	EPA 300.0
SJF0090-CCV4	Chloride	5.0000	4.71	94.1	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.3	mg/L	EPA 300.0
	Sulfate	5.0000	5.16	103	mg/L	EPA 300.0
SJF0090-CCV5	Chloride	5.0000	4.70	94.0	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.1	mg/L	EPA 300.0
	Sulfate	5.0000	4.82	96.4	mg/L	EPA 300.0
SJF0090-CCV6	Chloride	5.0000	4.70	94.0	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.1	mg/L	EPA 300.0
	Sulfate	5.0000	4.78	95.7	mg/L	EPA 300.0
SJF0090-CCV7	Chloride	5.0000	4.71	94.3	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.77	95.4	mg/L	EPA 300.0
	Sulfate	5.0000	4.81	96.2	mg/L	EPA 300.0
SJF0090-CCV8	Chloride	5.0000	4.71	94.2	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.2	mg/L	EPA 300.0
	Sulfate	5.0000	4.77	95.4	mg/L	EPA 300.0
SJF0090-CCV9	Chloride	5.0000	4.72	94.3	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.77	95.4	mg/L	EPA 300.0
	Sulfate	5.0000	5.01	100	mg/L	EPA 300.0
SJF0090-CCVA	Chloride	5.0000	4.68	93.7	mg/L	EPA 300.0

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: IC930
Calibration: EE00051
Control Limt: +/- 10.00%
Sequence: SJF0090

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0090-CCVA	Nitrate-N	5.0000	4.75	94.9	mg/L	EPA 300.0
	Sulfate	5.0000	4.74	94.8	mg/L	EPA 300.0
SJF0090-CCVB	Chloride	5.0000	4.67	93.4	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.73	94.6	mg/L	EPA 300.0
	Sulfate	5.0000	4.74	94.8	mg/L	EPA 300.0
SJF0090-CCVC	Chloride	5.0000	4.67	93.5	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.73	94.7	mg/L	EPA 300.0
	Sulfate	5.0000	4.73	94.6	mg/L	EPA 300.0
SJF0090-CCVD	Chloride	5.0000	4.69	93.8	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.75	95.0	mg/L	EPA 300.0
	Sulfate	5.0000	4.75	95.0	mg/L	EPA 300.0
SJF0090-CCVE	Chloride	5.0000	4.70	94.0	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.2	mg/L	EPA 300.0
	Sulfate	5.0000	4.77	95.4	mg/L	EPA 300.0
SJF0090-CCVF	Chloride	5.0000	4.70	94.0	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.2	mg/L	EPA 300.0
	Sulfate	5.0000	4.77	95.5	mg/L	EPA 300.0
SJF0090-CCVG	Chloride	5.0000	4.69	93.7	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.75	95.0	mg/L	EPA 300.0
	Sulfate	5.0000	4.75	94.9	mg/L	EPA 300.0
SJF0090-CCVH	Chloride	5.0000	4.68	93.5	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.74	94.8	mg/L	EPA 300.0
	Sulfate	5.0000	4.72	94.5	mg/L	EPA 300.0

* Values outside of QC limits

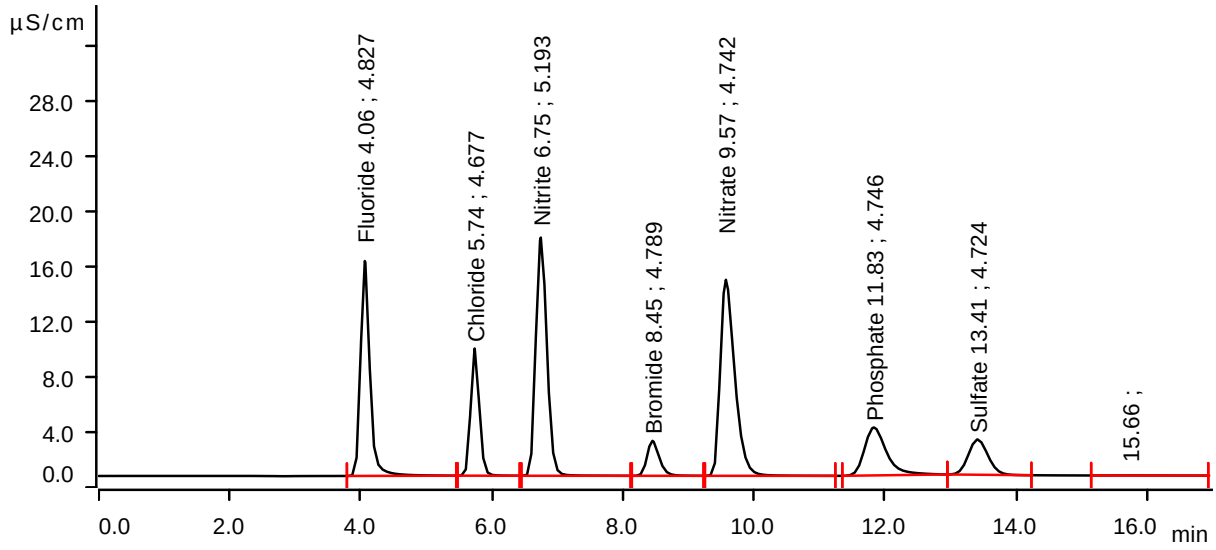
Sample data

Ident	**SEQ-CCVH**	
Sample type	Check standard 1	
Determination start	2021-06-11 03:26:55 UTC-7	
Method / Calibration Date	EE00051-051921	
Operator	IC930	
Dilution Factor	**1.00**	

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.76	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.060	2.5978	15.622	4.827	Fluoride
2	5.737	1.4160	9.240	4.677	Chloride
3	6.745	3.4022	17.310	5.193	Nitrite
4	8.448	0.5518	2.542	4.789	Bromide
5	9.568	3.6683	14.250	4.742	Nitrate
6	11.827	1.3678	3.489	4.746	Phosphate
7	13.408	0.8947	2.564	4.724	Sulfate
8	15.662	0.0056	0.007	invalid	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: IC930
Calibration: EE00051
Control Limt: +/- 10.00%
Sequence: SJF0146

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0146-ICV1	Chloride	5.0000	4.68	93.5	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.74	94.8	mg/L	EPA 300.0
	Sulfate	5.0000	4.71	94.1	mg/L	EPA 300.0
SJF0146-CCV1	Chloride	5.0000	4.69	93.8	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.75	95.0	mg/L	EPA 300.0
	Sulfate	5.0000	4.73	94.6	mg/L	EPA 300.0
SJF0146-CCV2	Chloride	5.0000	4.69	93.7	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.74	94.9	mg/L	EPA 300.0
SJF0146-CCV3	Chloride	5.0000	4.67	93.5	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.74	94.8	mg/L	EPA 300.0
	Sulfate	5.0000	4.67	93.4	mg/L	EPA 300.0
SJF0146-CCV4	Chloride	5.0000	4.67	93.4	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.73	94.6	mg/L	EPA 300.0
SJF0146-CCV5	Chloride	5.0000	4.66	93.3	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.73	94.6	mg/L	EPA 300.0
	Sulfate	5.0000	4.66	93.2	mg/L	EPA 300.0
SJF0146-CCV6	Chloride	5.0000	4.66	93.1	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.72	94.4	mg/L	EPA 300.0
SJF0146-CCV7	Chloride	5.0000	4.69	93.8	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.75	95.0	mg/L	EPA 300.0
	Sulfate	5.0000	4.69	93.7	mg/L	EPA 300.0
SJF0146-CCV8	Chloride	5.0000	4.69	93.8	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.75	95.0	mg/L	EPA 300.0
SJF0146-CCV9	Chloride	5.0000	4.70	94.0	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.3	mg/L	EPA 300.0
	Sulfate	5.0000	4.62	92.4	mg/L	EPA 300.0
SJF0146-CCVA	Chloride	5.0000	4.70	93.9	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.76	95.1	mg/L	EPA 300.0
SJF0146-CCVB	Chloride	5.0000	4.69	93.7	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.75	95.0	mg/L	EPA 300.0
	Sulfate	5.0000	4.61	92.3	mg/L	EPA 300.0
SJF0146-CCVC	Chloride	5.0000	4.69	93.8	mg/L	EPA 300.0
	Nitrate-N	5.0000	4.75	95.0	mg/L	EPA 300.0
	Sulfate	5.0000	4.55	91.0	mg/L	EPA 300.0

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: IC930
Calibration: EE00051
Control Limt: +/- 10.00%
Sequence: SJF0146

Lab Sample ID	Analyte	True	Found	%R		Units	Method
SJF0146-CCVD	Chloride	5.0000	4.67	93.3		mg/L	EPA 300.0
	Nitrate-N	5.0000	4.72	94.4		mg/L	EPA 300.0
	Sulfate	5.0000	4.52	90.4		mg/L	EPA 300.0
SJF0146-CCVE	Chloride	5.0000	4.66	93.2		mg/L	EPA 300.0
	Nitrate-N	5.0000	4.71	94.2		mg/L	EPA 300.0
SJF0146-CCVF	Chloride	5.0000	4.66	93.2		mg/L	EPA 300.0
	Nitrate-N	5.0000	4.72	94.5		mg/L	EPA 300.0
	Sulfate	5.0000	4.47	89.3	*	mg/L	EPA 300.0
SJF0146-CCVG	Chloride	5.0000	4.65	93.1		mg/L	EPA 300.0
	Nitrate-N	5.0000	4.71	94.2		mg/L	EPA 300.0
SJF0146-CCVH	Chloride	5.0000	4.66	93.2		mg/L	EPA 300.0
	Nitrate-N	5.0000	4.73	94.5		mg/L	EPA 300.0
	Sulfate	5.0000	4.51	90.2		mg/L	EPA 300.0
SJF0146-CCVI	Chloride	5.0000	4.66	93.2		mg/L	EPA 300.0
	Nitrate-N	5.0000	4.72	94.4		mg/L	EPA 300.0

* Values outside of QC limits

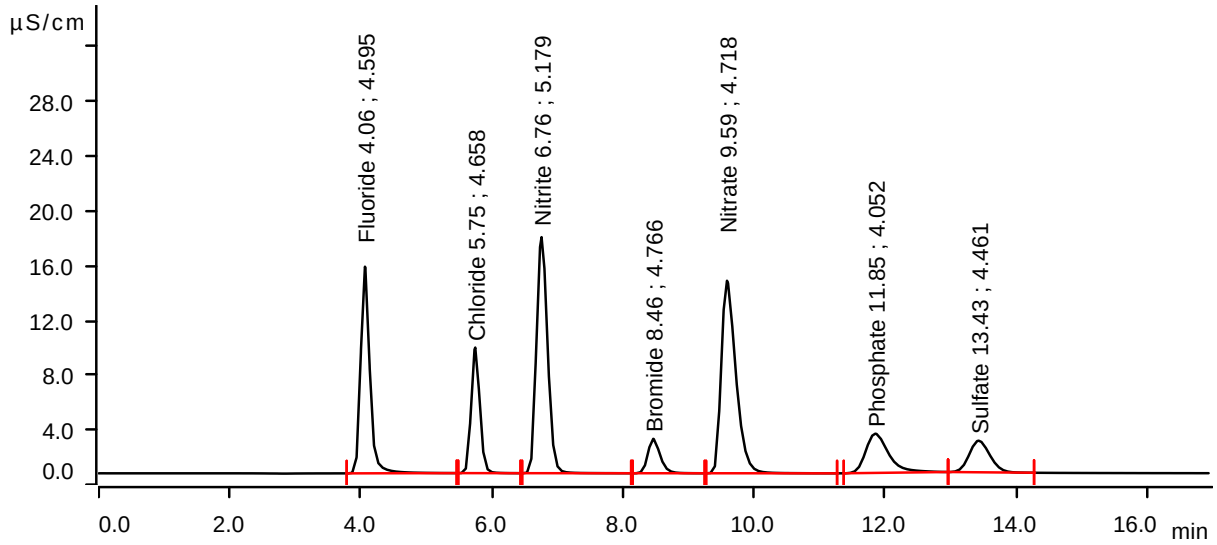
Sample data

Ident	**SEQ-CCVI**
Sample type	Check standard 1
Determination start	2021-06-13 10:09:52 UTC-7
Method / Calibration Date	EE00051-051921
Operator	IC930
Dilution Factor	**1.00**

Anions

Data source	Conductivity detector 1 (930 Compact IC Flex 1)	
Channel	Conductivity	
Recording time	17.0	min
Integration	Automatically	
Column type	Metrosep A Supp 5 - 150/4.0	
Eluent composition	Carb-BiCarb - 3.2mmol/L Sodium Carbonate 1.0mmol/L Sodium BiCarbonate	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	9.82	MPa
Maximum pressure monitored	yes	
Temperature	25.0	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration mg/L	Component name
1	4.062	2.4731	15.099	4.595	Fluoride
2	5.745	1.4101	9.177	4.658	Chloride
3	6.757	3.3932	17.247	5.179	Nitrite
4	8.460	0.5492	2.515	4.766	Bromide
5	9.585	3.6498	14.068	4.718	Nitrate
6	11.848	1.1679	2.867	4.052	Phosphate
7	13.425	0.8450	2.309	4.461	Sulfate

HOLDING TIME SUMMARY

Analysis: EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 05:20	6	28	
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 05:20	6	2	*
NRC-3SR-GW-060321 21F0123-01RE1	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 15:54	7	28	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/08/21 13:52	4	2	06/08/21 22:40	5	2	*
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/08/21 13:52	4	28	06/08/21 22:40	5	28	
NRC-3IR-GW-060321 21F0123-02RE1	06/03/21 15:37	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 10:57	7	28	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/08/21 13:52	4	2	06/08/21 23:00	5	2	*
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/08/21 13:52	4	28	06/08/21 23:00	5	28	
NRC-3DR-GW-060321 21F0123-03RE1	06/03/21 14:17	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 11:17	7	28	
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/08/21 13:52	4	2	06/08/21 23:20	5	2	*
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/08/21 13:52	4	28	06/08/21 23:20	5	28	
NRC-103DR-GW-060321 21F0123-04RE1	06/03/21 14:21	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 11:37	7	28	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 00:20	5	28	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 00:20	5	2	*
NRC-103SR-GW-060321 21F0123-06RE1	06/03/21 14:30	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 11:57	7	28	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 00:40	5	2	*
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 00:40	5	28	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 01:00	5	2	*
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 01:00	5	28	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 01:20	5	2	*
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 01:20	5	28	
DS-16I-GW-060421 21F0123-09RE1	06/04/21 13:17	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 12:56	6	28	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 01:40	5	2	*
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 01:40	5	28	
DS-16D-GW-060421 21F0123-10RE1	06/04/21 12:55	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 13:16	6	28	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 02:00	5	28	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 02:00	5	2	*
DS-16S-GW-060421 21F0123-11RE1	06/04/21 12:17	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 13:36	6	28	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 02:20	5	2	*
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 02:20	5	28	
DS-15S-GW-060421 21F0123-12RE1	06/04/21 11:30	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 13:55	6	28	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 02:40	5	28	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 02:40	5	2	*
DS-15I-GW-060421 21F0123-13RE1	06/04/21 11:17	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 14:15	6	28	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 03:00	5	28	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 03:00	5	2	*
DS-18S-GW-060421 21F0123-14RE1	06/04/21 13:50	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 14:35	6	28	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/08/21 13:52	3	28	06/09/21 03:20	5	28	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/08/21 13:52	3	2	06/09/21 03:20	5	2	*
DS-18I-GW-060421 21F0123-15RE1	06/04/21 13:55	06/07/21 17:45	06/08/21 13:52	3	28	06/10/21 14:54	6	28	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/08/21 13:52	3	28	06/09/21 04:20	5	28	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/08/21 13:52	3	2	06/09/21 04:20	5	2	*
DS-18D-GW-060421 21F0123-16RE1	06/04/21 15:20	06/07/21 17:45	06/08/21 13:52	3	28	06/10/21 15:14	6	28	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 04:40	5	28	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 04:40	5	2	*
DS-17S-GW-060421 21F0123-17RE1	06/04/21 12:05	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 15:34	6	28	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	2	06/09/21 06:40	5	2	*
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	28	06/09/21 06:40	5	28	
DS-17I-GW-060421 21F0123-18RE1	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	28	06/10/21 17:13	6	28	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/08/21 13:52	3	2	06/09/21 05:00	5	2	*
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/08/21 13:52	3	28	06/09/21 05:00	5	28	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 08:40	5	28	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 08:40	5	2	*
MW-3-GW-060421 21F0123-21RE1	06/04/21 15:25	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 17:53	6	28	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 09:00	5	28	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 09:00	5	2	*
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 09:20	5	28	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 09:20	5	2	*
DS-12S-GW-060421 21F0123-23RE1	06/04/21 16:07	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 18:12	6	28	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 09:40	5	2	*
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 09:40	5	28	
DS-12I-GW-060421 21F0123-24RE1	06/04/21 17:05	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 18:32	6	28	
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 10:00	5	28	
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 10:00	5	2	*
DS-12D-GW-060421 21F0123-25RE1	06/04/21 16:29	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 18:52	6	28	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 10:20	5	2	*

HOLDING TIME SUMMARY

Analysis: EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 10:20	5	28	
DS-13S-GW-060421 21F0123-26RE1	06/04/21 14:46	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 19:12	6	28	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 10:40	5	28	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 10:40	5	2	*
DS-13I-GW-060421 21F0123-27RE1	06/04/21 14:55	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 19:31	6	28	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 11:00	5	2	*
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 11:00	5	28	
DS-13D-GW-060421 21F0123-28RE1	06/04/21 15:39	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 19:51	6	28	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 11:20	5	2	*
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 11:20	5	28	
HBKG-2-GW-060421 21F0123-29RE1	06/04/21 14:25	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 20:51	6	28	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/08/21 13:57	4	28	06/09/21 12:40	5	28	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/08/21 13:57	4	2	06/09/21 12:40	5	2	*
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/08/21 13:57	4	28	06/09/21 13:00	5	28	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/08/21 13:57	4	2	06/09/21 13:00	5	2	*
US-1I-GW-060421 21F0123-31RE1	06/04/21 13:54	06/07/21 17:45	06/08/21 13:57	4	28	06/10/21 21:11	6	28	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/08/21 13:57	4	28	06/09/21 13:20	5	28	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/08/21 13:57	4	2	06/09/21 13:20	5	2	*
US-1D-GW-060421 21F0123-32RE1	06/04/21 13:00	06/07/21 17:45	06/08/21 13:57	4	28	06/10/21 21:30	6	28	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 13:40	4	28	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 13:40	4	2	*
TP2-12D-GW-060521 21F0123-33RE1	06/05/21 10:45	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 21:50	5	28	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 14:00	4	28	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 14:00	4	2	*
TP2-12S-GW-060521 21F0123-34RE1	06/05/21 09:30	06/07/21 17:45	06/08/21 13:57	3	28	06/10/21 22:10	6	28	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 14:20	4	28	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 14:20	4	2	*
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 14:40	4	2	*
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 14:40	4	28	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 15:00	4	2	*
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 15:00	4	28	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 15:20	4	2	*
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 15:20	4	28	
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/08/21 13:57	3	2	06/09/21 15:40	4	2	*
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/08/21 13:57	3	28	06/09/21 15:40	4	28	
Duplicate BJF0193-DUP1	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 05:40	6	28	
Duplicate BJF0193-DUP1	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 05:40	6	2	*
Duplicate BJF0193-DUP2	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	28	06/10/21 16:53	7	28	
Matrix Spike BJF0193-MS1	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 06:00	6	2	*
Matrix Spike BJF0193-MS1	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 06:00	6	28	
Matrix Spike BJF0193-MS2	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	28	06/13/21 06:12	10	28	
Matrix Spike Dup BJF0193-MSD1	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	2	06/09/21 06:20	6	2	*
Matrix Spike Dup BJF0193-MSD1	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	28	06/09/21 06:20	6	28	
Matrix Spike Dup BJF0193-MSD2	06/03/21 14:20	06/07/21 17:45	06/08/21 13:52	4	28	06/13/21 06:31	10	28	

HOLDING TIME SUMMARY

Analysis: EPA 300.0

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
Duplicate BJF0194-DUP1	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	28	06/09/21 07:00	5	28	
Duplicate BJF0194-DUP1	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	2	06/09/21 07:00	5	2	*
Duplicate BJF0194-DUP2	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	28	06/10/21 17:33	6	28	
Matrix Spike BJF0194-MS1	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	28	06/09/21 07:20	5	28	
Matrix Spike BJF0194-MS1	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	2	06/09/21 07:20	5	2	*
Matrix Spike BJF0194-MS2	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	28	06/13/21 07:51	9	28	
Matrix Spike Dup BJF0194-MSD1	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	28	06/09/21 08:20	5	28	
Matrix Spike Dup BJF0194-MSD1	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	2	06/09/21 08:20	5	2	*
Matrix Spike Dup BJF0194-MSD2	06/04/21 11:55	06/07/21 17:45	06/08/21 13:57	4	28	06/13/21 08:11	9	28	

* Indicates hold time exceedance.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

METHOD DETECTION AND REPORTING LIMITS

EPA 300.0

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Rem
Matrix: Water
Instrument: IC930

Analyte	MDL	RL	Units
Chloride	0.100	0.100	mg/L
Nitrate-N	0.100	0.100	mg/L
Sulfate	0.100	0.100	mg/L

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 F	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	14.5	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	14.5	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 C	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 C	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	32.1	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	32.1	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 C	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	32.6	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	32.6	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 C	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	14.7	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	14.7	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 C	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	8.42	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	8.42	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 C	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	8.82	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	8.82	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 C	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	9.02	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	9.02	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 C	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	152	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	152	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 C	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	8.22	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	8.22	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 C	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	25.5	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	25.5	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 C	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	122	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	122	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 C	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 C	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 C	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	33.5	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	33.5	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 C	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 F	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 C	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 C	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	7.42	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	7.42	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 C	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	15.0	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	15.0	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 C	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/14/21 10:27	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 11:09
Batch:	BJF0335	Sequence:	SJF0176	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 C	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	6.82	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	6.82	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 C	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	12.8	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	12.8	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 C	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 C	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 C	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	32.5	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	32.5	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 C	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	47.7	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	47.7	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 C	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	39.8	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	39.8	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 C	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	44.7	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	44.7	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 C	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	50.5	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	50.5	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 C	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	<1.00	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 C	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	29.9	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	29.9	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 C	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	7.02	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	7.02	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 C	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	7.62	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	7.62	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 C	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	7.42	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	7.42	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 C	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	7.52	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	7.52	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2320 B-97

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 C	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/14/21 14:46	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/14/21 14:54
Batch:	BJF0357	Sequence:	SJF0181	Initial/Final:	100 mL / 100 mL
Instrument:	Accumet AB150			Calibration:	UNASSIGNED

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Bicarbonate	7.12	1	1.00	1.00	
	Alkalinity, Carbonate	<1.00	1	1.00	1.00	U
	Alkalinity, Hydroxide	<1.00	1	1.00	1.00	U
	Alkalinity, Total	7.12	1	1.00	1.00	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 2320 B-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0335 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01		06/14/21 10:27	
NRC-3IR-GW-060321	21F0123-02		06/14/21 10:27	
NRC-3DR-GW-060321	21F0123-03		06/14/21 10:27	
NRC-103DR-GW-060321	21F0123-04		06/14/21 10:27	
NRC-103SR-GW-060321	21F0123-06		06/14/21 10:27	
MW-01-GW-060321	21F0123-07		06/14/21 10:27	
MW-2-GW-060321	21F0123-08		06/14/21 10:27	
DS-16I-GW-060421	21F0123-09		06/14/21 10:27	
DS-16D-GW-060421	21F0123-10		06/14/21 10:27	
DS-16S-GW-060421	21F0123-11		06/14/21 10:27	
DS-15S-GW-060421	21F0123-12		06/14/21 10:27	
DS-15I-GW-060421	21F0123-13		06/14/21 10:27	
DS-18S-GW-060421	21F0123-14		06/14/21 10:27	
DS-18I-GW-060421	21F0123-15		06/14/21 10:27	
DS-18D-GW-060421	21F0123-16		06/14/21 10:27	
DS-17S-GW-060421	21F0123-17		06/14/21 10:27	
FieldBlank-1-GW-060421	21F0123-19		06/14/21 10:27	
MW-3-GW-060421	21F0123-21		06/14/21 10:27	
SG-7R-WP-060421	21F0123-22		06/14/21 10:27	
DS-12S-GW-060421	21F0123-23		06/14/21 10:27	
Blank	BJF0335-BLK1		06/14/21 10:27	
NRC-3SR-GW-060321	BJF0335-DUP1		06/14/21 10:27	
MRL Check	BJF0335-MRL1		06/14/21 10:27	
Reference	BJF0335-SRM1		06/14/21 10:27	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 2320 B-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0357 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-17I-GW-060421	21F0123-18		06/14/21 14:46	
DS-12I-GW-060421	21F0123-24		06/14/21 14:46	
DS-12D-GW-060421	21F0123-25		06/14/21 14:46	
DS-13S-GW-060421	21F0123-26		06/14/21 14:46	
DS-13I-GW-060421	21F0123-27		06/14/21 14:46	
DS-13D-GW-060421	21F0123-28		06/14/21 14:46	
HBKG-2-GW-060421	21F0123-29		06/14/21 14:46	
US-1S-GW-060421	21F0123-30		06/14/21 14:46	
US-1I-GW-060421	21F0123-31		06/14/21 14:46	
US-1D-GW-060421	21F0123-32		06/14/21 14:46	
TP2-12D-GW-060521	21F0123-33		06/14/21 14:46	
TP2-12S-GW-060521	21F0123-34		06/14/21 14:46	
RC-6-SW-060521	21F0123-35		06/14/21 14:46	
RC-6-PW-6-060521	21F0123-37		06/14/21 14:46	
RC-6-PW-12-060521	21F0123-38		06/14/21 14:46	
RC-6-WP-36-060521	21F0123-39		06/14/21 14:46	
RC-1-SW-060521	21F0123-40		06/14/21 14:46	
Blank	BJF0357-BLK1		06/14/21 14:46	
DS-17I-GW-060421	BJF0357-DUP1		06/14/21 14:46	
MRL Check	BJF0357-MRL1		06/14/21 14:46	
Reference	BJF0357-SRM1		06/14/21 14:46	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 2320 B-97

TotalAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0335
Laboratory ID: BJF0335-BLK1
Prepared: 06/14/21 10:27

Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/14/21 11:09

Sequence: SJF0176
Calibration: N/A
Instrument: Accumet AB150

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Total	ND	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 2320 B-97

TotalAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0357
Laboratory ID: BJF0357-BLK1
Prepared: 06/14/21 14:46
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/14/21 14:54
Sequence: SJF0181
Calibration: N/A
Instrument: Accumet AB150

CAS NO.	Analyte	Concentration (mg/L CaCO3)	Dilution Factor	MDL	MRL	Q
	Alkalinity, Total	ND	1	1.00	1.00	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation

Matrix: Water
Laboratory ID: BJF0335-DUP1

Batch: BJF0335
Lab Source ID: 21F0123-01

Preparation: No Prep Wet Chem
Initial/Final: 100 mL / 100 mL

Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Alkalinity, Total	20	14.5	14.9	2.72	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation

Matrix: Water
Laboratory ID: BJF0357-DUP1

Batch: BJF0357
Lab Source ID: 21F0123-18

Preparation: No Prep Wet Chem
Initial/Final: 100 mL / 100 mL

Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Alkalinity, Total	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
Client: Floyd - Snider
Sequence: SJF0176

SDG: 21F0123
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument: Accumet AB150
Calibration: UNASSIGNED

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
	SJF0176-ICV1		NA	06/14/21 11:09
Blank	BJF0335-BLK1		Water	06/14/21 11:09
MRL Check	BJF0335-MRL1		Water	06/14/21 11:09
Reference	BJF0335-SRM1		Water	06/14/21 11:09
NRC-3SR-GW-060321	21F0123-01		Water	06/14/21 11:09
NRC-3SR-GW-060321	BJF0335-DUP1		Water	06/14/21 11:09
NRC-3SR-GW-060321	BJF0335-DUP1		Water	06/14/21 11:09
NRC-3SR-GW-060321	BJF0335-DUP1		Water	06/14/21 11:09
NRC-3SR-GW-060321	BJF0335-DUP1		Water	06/14/21 11:09
NRC-3IR-GW-060321	21F0123-02		Water	06/14/21 11:09
NRC-3DR-GW-060321	21F0123-03		Water	06/14/21 11:09
NRC-103DR-GW-060321	21F0123-04		Water	06/14/21 11:09
NRC-103SR-GW-060321	21F0123-06		Water	06/14/21 11:09
MW-01-GW-060321	21F0123-07		Water	06/14/21 11:09
Calibration Check	SJF0176-CCV1		NA	06/14/21 11:09
MW-2-GW-060321	21F0123-08		Water	06/14/21 11:09
DS-16I-GW-060421	21F0123-09		Water	06/14/21 11:09
DS-16D-GW-060421	21F0123-10		Water	06/14/21 11:09
DS-16S-GW-060421	21F0123-11		Water	06/14/21 11:09
DS-15S-GW-060421	21F0123-12		Water	06/14/21 11:09
DS-15I-GW-060421	21F0123-13		Water	06/14/21 11:09
DS-18S-GW-060421	21F0123-14		Water	06/14/21 11:09
DS-18I-GW-060421	21F0123-15		Water	06/14/21 11:09
DS-18D-GW-060421	21F0123-16		Water	06/14/21 11:09
DS-17S-GW-060421	21F0123-17		Water	06/14/21 11:09
Calibration Check	SJF0176-CCV2		NA	06/14/21 11:09
FieldBlank-1-GW-060421	21F0123-19		Water	06/14/21 11:09
MW-3-GW-060421	21F0123-21		Water	06/14/21 11:09
SG-7R-WP-060421	21F0123-22		Water	06/14/21 11:09
DS-12S-GW-060421	21F0123-23		Water	06/14/21 11:09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 2320 B-97

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0176	Instrument:	Accumet AB150
		Calibration:	UNASSIGNED

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
Calibration Check	SJF0176-CCV3		NA	06/14/21 11:09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0181
Instrument: Accumet AB150
Calibration: UNASSIGNED

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
	SJF0181-ICV1		NA	06/14/21 14:54
Blank	BJF0357-BLK1		Water	06/14/21 14:54
MRL Check	BJF0357-MRL1		Water	06/14/21 14:54
Reference	BJF0357-SRM1		Water	06/14/21 14:54
DS-17I-GW-060421	21F0123-18		Water	06/14/21 14:54
DS-17I-GW-060421	BJF0357-DUP1		Water	06/14/21 14:54
DS-17I-GW-060421	BJF0357-DUP1		Water	06/14/21 14:54
DS-17I-GW-060421	BJF0357-DUP1		Water	06/14/21 14:54
DS-17I-GW-060421	BJF0357-DUP1		Water	06/14/21 14:54
DS-12I-GW-060421	21F0123-24		Water	06/14/21 14:54
DS-12D-GW-060421	21F0123-25		Water	06/14/21 14:54
DS-13S-GW-060421	21F0123-26		Water	06/14/21 14:54
DS-13I-GW-060421	21F0123-27		Water	06/14/21 14:54
DS-13D-GW-060421	21F0123-28		Water	06/14/21 14:54
Calibration Check	SJF0181-CCV1		NA	06/14/21 14:54
HBKG-2-GW-060421	21F0123-29		Water	06/14/21 14:54
US-1S-GW-060421	21F0123-30		Water	06/14/21 14:54
US-1I-GW-060421	21F0123-31		Water	06/14/21 14:54
US-1D-GW-060421	21F0123-32		Water	06/14/21 14:54
TP2-12D-GW-060521	21F0123-33		Water	06/14/21 14:54
TP2-12S-GW-060521	21F0123-34		Water	06/14/21 14:54
RC-6-SW-060521	21F0123-35		Water	06/14/21 14:54
RC-6-PW-6-060521	21F0123-37		Water	06/14/21 14:54
RC-6-PW-12-060521	21F0123-38		Water	06/14/21 14:54
RC-6-WP-36-060521	21F0123-39		Water	06/14/21 14:54
Calibration Check	SJF0181-CCV2		NA	06/14/21 14:54
RC-1-SW-060521	21F0123-40		Water	06/14/21 14:54
Calibration Check	SJF0181-CCV3		NA	06/14/21 14:54

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: Accumet AB150
Calibration: UNASSIGNED
Control Limt: +/- 10.00%
Sequence: SJF0176

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0176-CCV1	Alkalinity, Total	117.94	114	96.7	mg/L CaCO3	SM 2320 B-97
SJF0176-CCV2	Alkalinity, Total	117.94	114	97.1	mg/L CaCO3	SM 2320 B-97
SJF0176-CCV3	Alkalinity, Total	117.94	114	97.1	mg/L CaCO3	SM 2320 B-97
SJF0176-ICV1	Alkalinity, Total	117.94	115	97.3	mg/L CaCO3	SM 2320 B-97

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: Accumet AB150
Calibration: UNASSIGNED
Control Limt: +/- 10.00%
Sequence: SJF0181

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0181-CCV1	Alkalinity, Total	117.94	114	97.1	mg/L CaCO3	SM 2320 B-97
SJF0181-CCV2	Alkalinity, Total	117.94	115	97.2	mg/L CaCO3	SM 2320 B-97
SJF0181-CCV3	Alkalinity, Total	117.94	115	97.4	mg/L CaCO3	SM 2320 B-97
SJF0181-ICV1	Alkalinity, Total	117.94	114	97.1	mg/L CaCO3	SM 2320 B-97

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

STANDARD REFERENCE MATERIAL RECOVERY

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Matrix: Water
Laboratory ID: BJF0335-SRM1
Batch: BJF0335
Initial/Final: 50 mL / 50 mL
Preparation: No Prep Wet Chem
Analyzed: 06/14/2021 11:09
Standard ID: J000105
Expires: 09/04/2023
Standard Lot#: P303-506
Description: Minerals - ERA Reference Material

ANALYTE	TRUE (mg/L	FOUND (mg/L	MDL	MRL	Q	SRM % REC.	QC LIMITS REC.
Alkalinity, Total	127.00	127	1.00	1.00		100	85.04 - 114.96

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

STANDARD REFERENCE MATERIAL RECOVERY

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remed
Matrix: Water
Laboratory ID: BJF0357-SRM1
Batch: BJF0357
Initial/Final: 50 mL / 50 mL
Preparation: No Prep Wet Chem
Analyzed: 06/14/2021 14:54
Standard ID: J000105
Expires: 09/04/2023
Standard Lot#: P303-506
Description: Minerals - ERA Reference Material

ANALYTE	TRUE (mg/L	FOUND (mg/L	MDL	MRL	Q	SRM % REC.	QC LIMITS REC.
Alkalinity, Total	127.00	127	1.00	1.00		100	85.04 - 114.96

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 2320 B-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09	11	14	
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09			
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09			
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09	11	14	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09	11	14	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09			
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09			
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09	11	14	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09			
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09	11	14	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09			
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09	11	14	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09			
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09	11	14	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 2320 B-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54	10	14	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54			
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09			
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/14/21 10:27	9	14	06/14/21 11:09	10	14	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	10	14	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 2320 B-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	10	14	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54	10	14	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54			
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	10	14	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	10	14	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54			
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54	10	14	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54	10	14	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54			
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54	10	14	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54			
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54	10	14	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54			
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	9	14	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	9	14	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	9	14	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			

HOLDING TIME SUMMARY

Analysis: SM 2320 B-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	9	14	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	9	14	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	9	14	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54			
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/14/21 14:46	9	14	06/14/21 14:54	9	14	
Duplicate BJF0335-DUP1	06/03/21 14:20	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09			
Duplicate BJF0335-DUP1	06/03/21 14:20	06/07/21 17:45	06/14/21 10:27	10	14	06/14/21 11:09	11	14	
Duplicate BJF0357-DUP1	06/04/21 11:55	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54			
Duplicate BJF0357-DUP1	06/04/21 11:55	06/07/21 17:45	06/14/21 14:46	10	14	06/14/21 14:54	10	14	

* Indicates hold time exceedance.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

METHOD DETECTION AND REPORTING LIMITS

SM 2320 B-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Rem
Matrix: Water
Instrument: Accumet AB150

Analyte	MDL	RL	Units
Alkalinity, Bicarbonate	1.00	1.00	mg/L CaCO3
Alkalinity, Carbonate	1.00	1.00	mg/L CaCO3
Alkalinity, Hydroxide	1.00	1.00	mg/L CaCO3
Alkalinity, Total	1.00	1.00	mg/L CaCO3

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 A	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/09/21 10:23	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 10:23
Batch:	BJF0218	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	54	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 A	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/09/21 10:23	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 10:23
Batch:	BJF0218	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	280	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 A	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/09/21 10:23	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 10:23
Batch:	BJF0218	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	318	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 A	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	329	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 A	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	54	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 B	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	24	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 B	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	25	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 B	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	50	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 B	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	191	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 B	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	100 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	452	1	10	10	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 B	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	100 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	574	1	10	10	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 B	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	158	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 B	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	100 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	489	1	10	10	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 B	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	751	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 B	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	296	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 B	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	100 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	882	1	10	10	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 B	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	100 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	900	1	10	10	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 B	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	<5	1	5	5	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 B	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	75	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 B	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	27	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 B	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	459	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 B	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	302	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 B	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/09/21 12:08	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	202	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 A	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	322	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 A	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	254	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 A	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	214	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 A	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	79	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 A	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	55	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 A	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	67	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 A	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	121	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 A	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	101	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 B	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	100 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	365	1	10	10	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 B	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	13	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 B	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	15	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97
Dissolved Analytes

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 B	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	17	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 B	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	17	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 C-97

Dissolved Analytes

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 A	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/09/21 14:28	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Sequence:		Initial/Final:	200 mL / 200 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	14	1	5	5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 2540 C-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Batch: BJF0218
Batch Matrix: Water
Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01		06/09/21 10:23	
NRC-3IR-GW-060321	21F0123-02		06/09/21 10:23	
NRC-3DR-GW-060321	21F0123-03		06/09/21 10:23	
Blank	BJF0218-BLK1		06/09/21 10:23	
LCS	BJF0218-BS1		06/09/21 10:23	
NRC-3SR-GW-060321	BJF0218-DUP1		06/09/21 10:23	
MRL Check	BJF0218-MRL1		06/09/21 10:23	

NOTE: Do not enter data in blue shaded cells as they are calculated fields. Green shaded cells MAY be altered if a rewigh is called for.

TOTAL DISSOLVED SOLIDS (TDS) BENCHSHEET
Method : SM 2540 C-97

Batch:	BJF0218
Date:	6/9/2021 10:23
Analyst:	UW

The objective is to have at least 25 mg of dry weight residue. If residue after the first reading is <25 mg add an additional 100 mL of filtered sample.

Total residue weight should be less than 200 mg!

TDS (mg/l) calculated as:
Final wt (mg) = (minimum Dry Wt - Tare Wt)*1000 after drying at 180C
(NOTE: if additional volume is added, first dry wt will be ignored!)

TDS = [(Final Wt)/ Sample Volume (orig + added)] x 1000

442 TDS Standard	**Standard ID:**	I011762									
		0.80	**g NaHCO3**	0.80	**g Na2SO4**	0.40	**g NaCl in**	4000	**mL =**	500	**mg/L**
DQL Standard (50 mg/L)					**Dilute**	40.0	**mL to**	4000	**mL =**	5	**mg/L**

Instrumentation	**Drying Oven ID:**	12			**Analytical Balance ID:**	BAL2
Balance Calibration Checks	**Taring**	**1**	**2**	**3**	**4**	
Record weights to 4 places	**Cal Weight ID:**	CV-02	CV-02	CV-02	CV-02	CV-02
	Date & Time:		6/11/21 12:50	6/11/21 17:15	6/12/21 12:05	6/14/21 9:20
	Cal Wt (g) 100.0000		99.9993	99.9992	99.9990	99.9995
	Cal Status:		Cal OK!	Cal OK!	Cal OK!	Cal OK!

Sample Data

Sample ID	Dish #	Sample Vol (ml) Original	Added	Tare Wt (grams)	180C Dry Weight (grams) 1	2	3	4	Final Wt (mg)	TDS (mg/l)	Notes
BJF0218-BLK1	1	200		117.4846	117.4842	117.4844	117.4848	117.4846	-0.4	-2	
BJF0218-BS1	2	100		118.0818	118.1293	118.1296	118.1292	118.1297	47.4	474	94.8%
BJF0218-MRL1	3	200		117.8420	117.8424	117.8422	STOP		0.2	1	20.0%
21F0123-01	5	200		112.8616	112.8726	112.8724	STOP		10.8	54	
BJF0218-DUP1	7	200		115.4256	115.4359	115.4357	STOP		10.1	50.5	6.7% RPD
21F0092-01	8	200		147.4147	147.4501	147.4499	STOP		35.2	176	
21F0092-03	9	200		149.9094	149.9433	149.9418	149.9420	STOP	32.4	162	
21F0092-05	10	200		104.7526	104.7952	104.7955	STOP		42.6	213	
21F0092-07	11	200		146.3220	146.3695	146.3684	146.3680	STOP	46.0	230	
21F0093-01	12	200		114.6361	114.6748	114.6749	STOP		38.7	193.5	
21F0093-03	13	200		135.9581	135.9912	135.9909	STOP		32.8	164	
21F0093-05	15	200		146.9077	146.9409	146.9407	STOP		33.0	165	
21F0093-07	17	200		112.4403	112.4647	112.4643	STOP		24.0	120	
21F0102-01	SAT	4		31.3659	31.3842	31.3840	STOP		18.1	4525	
21F0103-01	DICE	10		32.9292	33.2510	33.2506	STOP		321.4	32140	
21F0122-01	SODA	3.5		32.6467	32.9354	32.9352	STOP		288.5	82428.5714	
21F0123-02	18	200		114.0870	114.1470	114.1481	114.1429	114.1469	55.9	279.5	
21F0123-03	19	200		145.0173	145.0839	145.0849	145.0809	145.0845	63.6	318	
21F0125-01	LUCKY	20		31.6764	32.3691	32.3695	STOP		692.7	34635	
21F0126-01	MESSA	10		32.0283	32.1225	32.1224	STOP		94.1	9410	
21F0127-01	UNDER	16		32.3224	32.8692	32.8688	STOP		546.4	34150	
21F0129-01	21	200		107.6006	107.6868	107.6878	107.6845	107.6870	83.9	419.5	
21F0129-02	22	200		106.6865	106.7663	106.7682	106.7640	107.7671	77.5	387.5	
21F0129-03	23	200		112.1078	112.1901	112.1901	STOP		82.3	411.5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 2540 C-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0222 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-103DR-GW-060321	21F0123-04		06/09/21 12:08	
NRC-103SR-GW-060321	21F0123-06		06/09/21 12:08	
MW-01-GW-060321	21F0123-07		06/09/21 12:08	
MW-2-GW-060321	21F0123-08		06/09/21 12:08	
DS-16I-GW-060421	21F0123-09		06/09/21 12:08	
DS-16D-GW-060421	21F0123-10		06/09/21 12:08	
DS-16S-GW-060421	21F0123-11		06/09/21 12:08	
DS-15S-GW-060421	21F0123-12		06/09/21 12:08	
DS-15I-GW-060421	21F0123-13		06/09/21 12:08	
DS-18S-GW-060421	21F0123-14		06/09/21 12:08	
DS-18I-GW-060421	21F0123-15		06/09/21 12:08	
DS-18D-GW-060421	21F0123-16		06/09/21 12:08	
DS-17S-GW-060421	21F0123-17		06/09/21 12:08	
DS-17I-GW-060421	21F0123-18		06/09/21 12:08	
FieldBlank-1-GW-060421	21F0123-19		06/09/21 12:08	
MW-3-GW-060421	21F0123-21		06/09/21 12:08	
SG-7R-WP-060421	21F0123-22		06/09/21 12:08	
DS-12S-GW-060421	21F0123-23		06/09/21 12:08	
DS-12I-GW-060421	21F0123-24		06/09/21 12:08	
DS-12D-GW-060421	21F0123-25		06/09/21 12:08	
Blank	BJF0222-BLK1		06/09/21 12:08	
LCS	BJF0222-BS1		06/09/21 12:08	
DS-17I-GW-060421	BJF0222-DUP1		06/09/21 12:08	
MRL Check	BJF0222-MRL1		06/09/21 12:08	

TOTAL DISSOLVED SOLIDS (TDS) BENCHSHEET
Method : SM 2540 C-97

Batch:	BJF0222
Date:	6/9/2021 12:08
Analyst:	UW

The objective is to have at least 25 mg of dry weight residue. If residue after the first reading is <25 mg add an additional 100 mL of filtered sample.

Total residue weight should be less than 200 mg!

TDS (mg/l) calculated as:
Final wt (mg) = (minimum Dry Wt - Tare Wt)*1000 after drying at 180C
(NOTE: if additional volume is added, first dry wt will be ignored!)

TDS = [(Final Wt)/ Sample Volume (orig + added)] x 1000

442 TDS Standard	**Standard ID:**	I011762									
	0.80	**g NaHCO3**	0.80	**g Na2SO4**	0.40	**g NaCl in**	4000	**mL =**	500	**mg/L**	
DQL Standard (50 mg/L)				**Dilute**	40.0	**mL to**	4000	**mL =**	5	**mg/L**	

Instrumentation	**Drying Oven ID:**				**Analytical Balance ID:**	BAL2
Balance Calibration Checks	**Taring**	**1**	**2**	**3**	**4**	
Record weights to 4 places	**Cal Weight ID:**	CV-02	CV-02	CV-02	CV-02	CV-02
	Date & Time:		6/11/21 16:15	6/12/21 9:00	6/12/21 18:03	6/14/21 13:30
	Cal Wt (g) 100.0000		99.9992	99.9992	99.9995	99.9995
	Cal Status:		Cal OK!	Cal OK!	Cal OK!	Cal OK!

Sample Data

Sample ID	Dish #	Sample Vol (ml)		Tare Wt	180C Dry Weight (grams)				Final Wt	TDS	Notes
		Original	Added	(grams)	1	2	3	4	(mg)	(mg/l)	
BJF0222-BLK1	24	200		144.7742	144.7732	144.7744	144.7739	144.7740	-0.3	-1.5	
BJF0222-BS1	25	100		118.9774	119.0258	119.0283	119.0289	119.0284	50.9	509	101.8%
BJF0222-MRL1	26	200		107.4041	107.4039	107.4046	107.4048	STOP	0.5	2.5	50.0%
21F0123-18	27	100		115.2404	115.3305	115.3341	115.3313	115.3304	90.0	900	
BJF0222-DUP1	29	100		117.0740	117.1674	117.1705	117.1702	STOP	96.2	962	6.7% RPD
21F0123-04	30	200		110.4795	110.5430	110.5455	110.5453	STOP	65.8	329	
21F0123-06	31	200		117.7401	117.7505	117.7509	STOP		10.8	54	
21F0123-07	32	200		114.3630	114.3675	114.3677	STOP		4.7	23.5	
21F0123-08	34	200		158.2784	158.2829	158.2833	STOP		4.9	24.5	
21F0123-09	35	200		100.5779	100.5866	100.5878	100.5881	STOP	9.9	49.5	
21F0123-10	36	200		119.8260	119.8622	119.8641	119.8642	STOP	38.1	190.5	
21F0123-11	37	100		142.6837	142.7287	142.7289	STOP		45.2	452	
21F0123-12	38	100		114.5805	114.6372	114.6379	114.6381	STOP	57.4	574	
21F0123-13	39	200		117.6756	117.7072	117.7072	STOP		31.6	158	
21F0123-14	40	100		146.1123	146.1636	146.1654	146.1647	146.1612	48.9	489	
21F0123-15	41	200		116.4112	116.5618	116.5614	STOP		150.2	751	
21F0123-16	42	200		118.4788	118.5380	118.5379	STOP		59.1	295.5	
21F0123-17	43	100		105.3240	105.4140	105.4126	105.4122	STOP	88.2	882	
21F0123-19	44	200		141.3923	141.3910	141.3913	STOP		-1.0	-5	
21F0123-21	46	200		113.0243	113.0379	113.0392	113.0396	STOP	14.9	74.5	
21F0123-22	48	200		126.3020	126.3071	126.3074	STOP		5.4	27	
21F0123-23	55	200		119.0655	119.1640	119.1604	119.1581	119.1573	91.8	459	
21F0123-24	56	200		108.4138	108.4745	108.4741	STOP		60.3	301.5	
21F0123-25	57	200		108.4703	108.5103	108.5106	STOP		40.3	201.5	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 2540 C-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0225 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-13S-GW-060421	21F0123-26		06/09/21 14:28	
DS-13I-GW-060421	21F0123-27		06/09/21 14:28	
DS-13D-GW-060421	21F0123-28		06/09/21 14:28	
HBKG-2-GW-060421	21F0123-29		06/09/21 14:28	
US-1S-GW-060421	21F0123-30		06/09/21 14:28	
US-1I-GW-060421	21F0123-31		06/09/21 14:28	
US-1D-GW-060421	21F0123-32		06/09/21 14:28	
TP2-12D-GW-060521	21F0123-33		06/09/21 14:28	
TP2-12S-GW-060521	21F0123-34		06/09/21 14:28	
RC-6-SW-060521	21F0123-35		06/09/21 14:28	
RC-6-PW-6-060521	21F0123-37		06/09/21 14:28	
RC-6-PW-12-060521	21F0123-38		06/09/21 14:28	
RC-6-WP-36-060521	21F0123-39		06/09/21 14:28	
RC-1-SW-060521	21F0123-40		06/09/21 14:28	
Blank	BJF0225-BLK1		06/09/21 14:28	
LCS	BJF0225-BS1		06/09/21 14:28	
MRL Check	BJF0225-MRL1		06/09/21 14:28	

NOTE: Do not enter data in blue shaded cells as they are calculated fields. Green shaded cells MAY be altered if a rewigh is called for.

TOTAL DISSOLVED SOLIDS (TDS) BENCHSHEET
Method : SM 2540 C-97

Batch:	BJF0225
Date:	6/9/2021 14:28
Analyst:	UW

The objective is to have at least 25 mg of dry weight residue. If residue after the first reading is <25 mg add an additional 100 mL of filtered sample.

Total residue weight should be less than 200 mg!

TDS (mg/l) calculated as:
Final wt (mg) = (minimum Dry Wt - Tare Wt)*1000 after drying at 180C
(NOTE: if additional volume is added, first dry wt will be ignored!)

TDS = [(Final Wt)/ Sample Volume (orig + added)] x 1000

442 TDS Standard	**Standard ID:**	I011762									
		0.80	**g NaHCO3**	0.80	**g Na2SO4**	0.40	**g NaCl in**	4000	**mL =**	500	**mg/L**
DQL Standard (50 mg/L)					**Dilute**	40.0	**mL to**	4000	**mL =**	5	**mg/L**

Instrumentation	**Drying Oven ID:**	12			**Analytical Balance ID:**	BAL2
Balance Calibration Checks	**Taring**	**1**	**2**	**3**	**4**	
Record weights to 4 places	**Cal Weight ID:**	CV-02	CV-02	CV-02	CV-02	CV-02
	Date & Time:		6/12/21 9:15	6/12/21 15:24	6/14/21 9:25	6/14/21 17:20
	Cal Wt (g) 100.0000		99.9992	99.9995	99.9995	99.9994
	Cal Status:		Cal OK!	Cal OK!	Cal OK!	Cal OK!

Sample Data

Sample ID	Dish #	Sample Vol (ml)		Tare Wt (grams)	180C Dry Weight (grams)				Final Wt (mg)	TDS (mg/l)	Notes
		Original	Added		1	2	3	4			
BJF0225-BLK1	49	200		110.5435	110.5437	110.5434	110.5439	110.5436	-0.1	-0.5	
BJF0225-BS1	51	100		107.5331	107.5833	107.5809	107.5839	107.5836	47.8	478	95.6%
BJF0225-MRL1	53	200		114.2880	114.2883	114.2882	STOP		0.2	1	20.0%
21F0130-17	54	200		114.4694	114.4919	114.4910	114.4922	114.4905	21.1	105.5	
BJF0225-DUP1	58	200		115.9136	115.9364	115.9363	STOP		22.7	113.5	7.3% RPD
21F0123-26	65	200		122.9463	123.0123	123.0106	123.0138	123.0113	64.3	321.5	
21F0123-27	66	200		123.8240	123.8780	123.8747	123.8793	123.8758	50.7	253.5	
21F0123-28	79	200		125.4313	125.4753	125.4741	125.4762	125.4740	42.7	213.5	
21F0123-29	80	200		125.0593	125.0760	125.0751	125.0770	125.0753	15.8	79	
21F0123-30	81	200		122.9483	122.9593	122.9596	STOP		11.0	55	
21F0123-31	82	200		130.1682	130.1819	130.1815	STOP		13.3	66.5	
21F0123-32	83	200		129.2506	129.2748	129.2750	STOP		24.2	121	
21F0123-33	84	200		111.0545	111.0757	111.0746	111.0762	111.0762	20.1	100.5	
21F0123-34	85	100		119.2232	119.2597	119.2599	STOP		36.5	365	
21F0123-35	86	200		110.6295	110.6324	110.6320	STOP		2.5	12.5	
21F0123-37	88	200		122.2611	122.2651	122.2644	122.2651	122.2640	2.9	14.5	
21F0123-38	90	200		110.2449	110.2483	110.2483	STOP		3.4	17	
21F0123-39	91	200		126.8765	126.8804	126.8799	STOP		3.4	17	
21F0123-40	92	200		128.3266	128.3295	128.3294	STOP		2.8	14	
21F0130-01	93	200		128.4520	128.4562	128.4561	STOP		4.1	20.5	
21F0147-01	G	75		77.5032	77.5739	77.5723	77.5763	77.5723	69.1	921.333333	
21F0147-02	H	75		70.0853	70.1593	70.1573	70.1609	70.1580	72.0	960	
21F0147-03	I	75		75.4232	75.4908	75.4891	75.4924	75.4903	65.9	878.666667	
21F0147-04	94	100		122.0446	122.1122	122.1103	122.1135	122.1109	65.7	657	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 2540 C-97

DissolvedAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0218
Laboratory ID: BJF0218-BLK1
Prepared: 06/09/21 10:23
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/09/21 10:23
Sequence:
Calibration:
Instrument: BAL2

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	ND	1	5	5	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 2540 C-97

DissolvedAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/
Batch: BJF0222
Laboratory ID: BJF0222-BLK1
Prepared: 06/09/21 12:08
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/09/21 12:08
Sequence:
Calibration:
Instrument: BAL2

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	ND	1	5	5	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 2540 C-97

DissolvedAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0225
Laboratory ID: BJF0225-BLK1
Prepared: 06/09/21 14:28
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/09/21 14:28
Sequence:
Calibration:
Instrument: BAL2

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Solids	ND	1	5	5	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 2540 C-97

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/09/21 10:23
Batch:	BJF0218	Laboratory ID:	BJF0218-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	100 mL / 100 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Dissolved Solids	500	474		94.8	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 2540 C-97

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/09/21 12:08
Batch:	BJF0222	Laboratory ID:	BJF0222-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	100 mL / 100 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Dissolved Solids	500	509		102	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 2540 C-97

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/09/21 14:28
Batch:	BJF0225	Laboratory ID:	BJF0225-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	100 mL / 100 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Dissolved Solids	500	478		95.6	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

SM 2540 C-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation

Matrix: Water
Laboratory ID: BJF0218-DUP1

Batch: BJF0218
Lab Source ID: 21F0123-01

Preparation: No Prep Wet Chem
Initial/Final: 200 mL / 200 mL

Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Dissolved Solids	20	54	51	6.70	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

SM 2540 C-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0222-DUP1
Batch: BJF0222
Lab Source ID: 21F0123-18
Preparation: No Prep Wet Chem
Initial/Final: 100 mL / 200 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Dissolved Solids	20	900	962	6.66	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 2540 C-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/09/21 10:23	5	7	06/09/21 10:23	6	7	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/09/21 10:23	5	7	06/09/21 10:23	6	7	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/09/21 10:23	5	7	06/09/21 10:23	6	7	
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	6	7	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	6	7	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	6	7	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	6	7	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	5	7	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	5	7	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	5	7	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	5	7	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 2540 C-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/09/21 12:08	4	7	06/09/21 12:08	5	7	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	5	7	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	5	7	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	5	7	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/09/21 14:28	5	7	06/09/21 14:28	5	7	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/09/21 14:28	5	7	06/09/21 14:28	5	7	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/09/21 14:28	5	7	06/09/21 14:28	5	7	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/09/21 14:28	5	7	06/09/21 14:28	5	7	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	4	7	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	4	7	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	4	7	
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	4	7	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	4	7	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	4	7	
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/09/21 14:28	4	7	06/09/21 14:28	4	7	
Duplicate BJF0218-DUP1	06/03/21 14:20	06/07/21 17:45	06/09/21 10:23	5	7	06/09/21 10:23	6	7	
Duplicate BJF0222-DUP1	06/04/21 11:55	06/07/21 17:45	06/09/21 12:08	5	7	06/09/21 12:08	5	7	

* Indicates hold time exceedance.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

METHOD DETECTION AND REPORTING LIMITS

SM 2540 C-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Rem
Matrix: Water
Instrument:

Analyte	MDL	RL	Units
Dissolved Solids	5	5	mg/L

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 B	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 B	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	970 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	5	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 B	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	980 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	4	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 B	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	970 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	3	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 B	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 A	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 A	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	940 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	3	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 A	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 A	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	980 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 A	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	970 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	3	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 A	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	450 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	18	1	2	2	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 A	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	910 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 A	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	2	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 A	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 A	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	970 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 A	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	910 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	2	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 D	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 A	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	940 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 A	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	950 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 A	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	940 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	1	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 A	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/10/21 09:03	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Sequence:		Initial/Final:	970 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 A	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	970 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 A	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	980 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 B	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	980 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 B	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 B	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	960 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 B	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	900 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 B	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	930 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 B	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	950 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 B	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	910 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 B	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	930 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 A	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	970 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	3	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 A	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	910 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	5	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 A	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	920 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 A	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	950 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	<1	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 A	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	910 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	3	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 2540 D-97

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 B	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/10/21 09:54	File ID:	
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Sequence:		Initial/Final:	880 mL / 1000 mL
Instrument:	BAL2			Calibration:	

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	5	1	1	1	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 2540 D-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0245 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01		06/10/21 09:03	
NRC-3IR-GW-060321	21F0123-02		06/10/21 09:03	
NRC-3DR-GW-060321	21F0123-03		06/10/21 09:03	
NRC-103DR-GW-060321	21F0123-04		06/10/21 09:03	
NRC-103SR-GW-060321	21F0123-06		06/10/21 09:03	
MW-01-GW-060321	21F0123-07		06/10/21 09:03	
MW-2-GW-060321	21F0123-08		06/10/21 09:03	
DS-16I-GW-060421	21F0123-09		06/10/21 09:03	
DS-16D-GW-060421	21F0123-10		06/10/21 09:03	
DS-16S-GW-060421	21F0123-11		06/10/21 09:03	
DS-15S-GW-060421	21F0123-12		06/10/21 09:03	
DS-15I-GW-060421	21F0123-13		06/10/21 09:03	
DS-18S-GW-060421	21F0123-14		06/10/21 09:03	
DS-18I-GW-060421	21F0123-15		06/10/21 09:03	
DS-18D-GW-060421	21F0123-16		06/10/21 09:03	
DS-17S-GW-060421	21F0123-17		06/10/21 09:03	
FieldBlank-1-GW-060421	21F0123-19		06/10/21 09:03	
MW-3-GW-060421	21F0123-21		06/10/21 09:03	
SG-7R-WP-060421	21F0123-22		06/10/21 09:03	
DS-12S-GW-060421	21F0123-23		06/10/21 09:03	
Blank	BJF0245-BLK1		06/10/21 09:03	
LCS	BJF0245-BS1		06/10/21 09:03	
NRC-3SR-GW-060321	BJF0245-DUP1		06/10/21 09:03	

NOTE: Do not enter data in blue shaded cells as they are calculated fields. Green shaded cells MAY be altered if a rewigh is called for.

TOTAL SUSPENDED SOLIDS / VOLATILE SUSPENDED SOLIDS (TSS/TVSS)
Methods:SM 2540 D-97, 2540 E-97

Batch:	BJF0245
Date:	6/10/2021 9:03
Analyst:	UW

Instrumentation **Drying Ovens:** 12 **Analytical Balance:** BAL2 **Muffle Furnace:** FURNACE1

TSS (mg/l) calculated as:
Final dry wt (mg) = (minimum Dry Wt - Tare Wt)*1000
TSS = [(Final Dry Wt)/ ml Sample] * 1000

Loss on Ignition (LOI) = TVSS (mg/L) calculated as:
LOI (mg) = Dry wt(mg) - ((min ash wt - tare wt) * 1000)
TVSS (mg/L) = LOI / mL sample * 1000

LCS **Standard ID:** B001773 **Dilute** 0.05 **grams to** 1000 **mL =** 50 **mg/L TSS**

Balance Calibration

Record weights to 4 places

Cal Weight ID	CV-02	CV-02	CV-02	CV-02	CV-02		CV-02	CV-02	CV-02	CV-02	
Date & Time		6/10/21 11:50	6/10/21 13:40								
Cal Wt (g)	10.0000	9.9999	9.9999								
		Cal OK!	Cal OK!								

Sample ID	Dish #	Filtered Vol (mL)	Tare Wt (grams)	Dry Wt 104C (grams) 1	2	3	4	Dry Wt (mg)	TSS (mg/L)	TSS Notes	ASH WT 550C (grams) 1	2	3	4	LOI (mg)	TVSS (mg/L)	TVSS Notes
BJF0245-BLK1	D0968330	1000	0.1162	0.1162	0.1162	STOP		0.0	**0.0**								
BJF0245-BS1	D0968331	1000	0.1164	0.1654	0.1653	STOP		48.9	**48.9**	%REC=97.8							
21F0123-01 B	D0968332	960	0.1165	0.1167	0.1167	STOP		0.2	**0.2**								
21F0123-01 DUP1	D0968333	950	0.1181	0.1183	0.1183	STOP		0.2	**0.2**	RPD=0							
21F0123-02 B	D0968334	970	0.1184	0.1233	0.1233	STOP		4.9	**5.1**								
21F0123-03 B	D0968335	980	0.1182	0.1225	0.1224	STOP		4.2	**4.3**								
21F0123-04 B	D0968336	970	0.1185	0.1217	0.1216	STOP		3.1	**3.2**								
21F0123-06 B	D0968337	960	0.1187	0.1187	0.1187	STOP		0.0	**0.0**								
21F0123-07 A	D0968338	960	0.1178	0.1182	0.1183	STOP		0.4	**0.4**								
21F0123-08 A	D0968339	940	0.1185	0.1209	0.1209	STOP		2.4	**2.6**								
21F0123-09 A	D0968340	960	0.1172	0.1173	0.1174	STOP		0.1	**0.1**								
21F0123-10 A	D0968341	980	0.1174	0.1180	0.1180	STOP		0.6	**0.6**								
21F0123-11 A	D0968342	970	0.1180	0.1210	0.1209	STOP		2.9	**3.0**								
21F0123-12 A	D0968343	450	0.1168	0.1248	0.1249	STOP		8.0	**17.8**								
21F0123-13 A	D0968344	910	0.1176	0.1179	0.1179	STOP		0.3	**0.3**								
21F0123-14 A	D0968345	960	0.1164	0.1180	0.1180	STOP		1.6	**1.7**								
21F0123-15 A	D0968346	960	0.1161	0.1170	0.1169	STOP		0.8	**0.8**								
21F0123-16 A	D0968347	970	0.1164	0.1165	0.1165	STOP		0.1	**0.1**								
21F0123-17 A	D0968348	910	0.1166	0.1186	0.1186	STOP		2.0	**2.2**								
21F0123-19 A	D0968349	940	0.1156	0.1156	0.1157	STOP		0.0	**0.0**								
21F0123-21 A	D0968350	950	0.1163	0.1164	0.1164	STOP		0.1	**0.1**								
21F0123-22 A	D0968351	940	0.1165	0.1176	0.1176	STOP		1.1	**1.2**								
21F0123-23 A	D0968352	970	0.1157	0.1160	0.1159	STOP		0.2	**0.2**								

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 2540 D-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0247 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-17I-GW-060421	21F0123-18		06/10/21 09:54	
DS-12I-GW-060421	21F0123-24		06/10/21 09:54	
DS-12D-GW-060421	21F0123-25		06/10/21 09:54	
DS-13S-GW-060421	21F0123-26		06/10/21 09:54	
DS-13I-GW-060421	21F0123-27		06/10/21 09:54	
DS-13D-GW-060421	21F0123-28		06/10/21 09:54	
HBKG-2-GW-060421	21F0123-29		06/10/21 09:54	
US-1S-GW-060421	21F0123-30		06/10/21 09:54	
US-1I-GW-060421	21F0123-31		06/10/21 09:54	
US-1D-GW-060421	21F0123-32		06/10/21 09:54	
TP2-12D-GW-060521	21F0123-33		06/10/21 09:54	
TP2-12S-GW-060521	21F0123-34		06/10/21 09:54	
RC-6-SW-060521	21F0123-35		06/10/21 09:54	
RC-6-PW-6-060521	21F0123-37		06/10/21 09:54	
RC-6-PW-12-060521	21F0123-38		06/10/21 09:54	
RC-6-WP-36-060521	21F0123-39		06/10/21 09:54	
RC-1-SW-060521	21F0123-40		06/10/21 09:54	
Blank	BJF0247-BLK1		06/10/21 09:54	
LCS	BJF0247-BS1		06/10/21 09:54	
DS-17I-GW-060421	BJF0247-DUP1		06/10/21 09:54	

NOTE: Do not enter data in blue shaded cells as they are calculated fields. Green shaded cells MAY be altered if a rewigh is called for.

TOTAL SUSPENDED SOLIDS / VOLATILE SUSPENDED SOLIDS (TSS/TVSS)
Methods:SM 2540 D-97, 2540 E-97

Batch:	BJF0247
Date:	6/10/2021 9:54
Analyst:	UW

Instrumentation **Drying Ovens:** 12 **Analytical Balance:** BAL2 **Muffle Furnace:** FURNACE1

TSS (mg/l) calculated as:
Final dry wt (mg) = (minimum Dry Wt - Tare Wt)*1000
TSS = [(Final Dry Wt)/ ml Sample] * 1000

Loss on Ignition (LOI) = TVSS (mg/L) calculated as:
LOI (mg) = Dry wt(mg) - ((min ash wt - tare wt) * 1000)
TVSS (mg/L) = LOI / mL sample * 1000

LCS **Standard ID:** B001773 **Dilute** 0.05 **grams to** 1000 **mL =** 50 **mg/L TSS**

Balance Calibration

Record weights to 4 places											
	Cal Weight ID	CV-02	CV-02	CV-02	CV-02	CV-02		CV-02	CV-02	CV-02	CV-02
	Date & Time		6/10/21 13:00	6/10/21 14;25							
Cal Wt (g)	10.0000		9.9999	9.9999							
			Cal OK!	Cal OK!							

Sample ID	Dish #	Filtered Vol (mL)	Tare Wt (grams)	Dry Wt 104C (grams) 1	2	3	4	Dry Wt (mg)	TSS (mg/L)	TSS Notes	ASH WT 550C (grams) 1	2	3	4	LOI (mg)	TVSS (mg/L)	TVSS Notes
BJF0247-BLK1	D0968353	1000	0.1164	0.1165	0.1165	STOP		0.1	**0.1**								
BJF0247-BS1	D0968304	1000	0.1192	0.1684	0.1682	STOP		49.0	**49.0**	%REC=98							
21F0123-18 D	D0968305	960	0.1187	0.1196	0.1196	STOP		0.9	**0.9**								
21F0123-18 DUP1	D0968306	960	0.1169	0.1177	0.1177	STOP		0.8	**0.8**	RPD=11.8							
21F0123-24 A	D0968307	970	0.1162	0.1163	0.1163	STOP		0.1	**0.1**								
21F0123-25 A	D0968308	980	0.1167	0.1169	0.1170	STOP		0.2	**0.2**								
21F0123-26 B	D0968309	980	0.1167	0.1170	0.1170	STOP		0.3	**0.3**								
21F0123-27 B	D0968310	960	0.1170	0.1170	0.1171	STOP		0.0	**0.0**								
21F0123-28 B	D0968311	960	0.1169	0.1171	0.1170	STOP		0.1	**0.1**								
21F0123-29 B	D0968312	900	0.1174	0.1173	0.1173	STOP		-0.1	**-0.1**								
21F0123-30 B	D0968313	930	0.1169	0.1172	0.1172	STOP		0.3	**0.3**								
21F0123-31 B	D0968314	950	0.1167	0.1168	0.1170	STOP		0.1	**0.1**								
21F0123-32 B	D0968315	910	0.1178	0.1179	0.1179	STOP		0.1	**0.1**								
21F0123-33 B	D0968316	930	0.1161	0.1162	0.1163	STOP		0.1	**0.1**								
21F0123-34 A	D0968317	970	0.1167	0.1199	0.1199	STOP		3.2	**3.3**								
21F0123-35 A	D0968318	910	0.1184	0.1228	0.1228	STOP		4.4	**4.8**								
21F0123-37 A	D0968319	920	0.1169	0.1175	0.1175	STOP		0.6	**0.7**								
21F0123-38 A	D0968320	950	0.1175	0.1185	0.1184	STOP		0.9	**0.9**								
21F0123-39 A	D0968321	910	0.1168	0.1194	0.1195	STOP		2.6	**2.9**								
21F0123-40 B	D0968322	880	0.1191	0.1233	0.1233	STOP		4.2	**4.8**								
21F0130-01 A	D0968323	930	0.1194	0.1218	0.1219	STOP		2.4	**2.6**								
21F0130-02 A	D0968323	970	0.1194	0.1200	0.1201	STOP		0.6	**0.6**								
21F0130-03 A	D0968325	960	0.1167	0.1290	0.1291	STOP		12.3	**12.8**								

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 2540 D-97

TotalAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I

Batch: BJF0245
Laboratory ID: BJF0245-BLK1
Prepared: 06/10/21 09:03

Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/10/21 09:03

Sequence:
Calibration:
Instrument: BAL2

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	ND	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 2540 D-97

TotalAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0247
Laboratory ID: BJF0247-BLK1
Prepared: 06/10/21 09:54
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/10/21 09:54
Sequence:
Calibration:
Instrument: BAL2

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Suspended Solids	ND	1	1	1	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 2540 D-97

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/10/21 09:03
Batch:	BJF0245	Laboratory ID:	BJF0245-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	1000 mL / 1000 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Suspended Solids	50.00	49		97.8	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 2540 D-97

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/10/21 09:54
Batch:	BJF0247	Laboratory ID:	BJF0247-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	1000 mL / 1000 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Suspended Solids	50.00	49		98.0	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

SM 2540 D-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation

Matrix: Water
Laboratory ID: BJF0245-DUP1

Batch: BJF0245
Lab Source ID: 21F0123-01

Preparation: No Prep Wet Chem
Initial/Final: 950 mL / 1000 mL

Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Suspended Solids	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

SM 2540 D-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation

Matrix: Water
Laboratory ID: BJF0247-DUP1

Batch: BJF0247
Lab Source ID: 21F0123-18

Preparation: No Prep Wet Chem
Initial/Final: 960 mL / 1000 mL

Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Suspended Solids	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 2540 D-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/10/21 09:03	6	7	06/10/21 09:03	7	7	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/10/21 09:03	6	7	06/10/21 09:03	7	7	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/10/21 09:03	6	7	06/10/21 09:03	7	7	
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/10/21 09:03	6	7	06/10/21 09:03	7	7	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/10/21 09:03	6	7	06/10/21 09:03	7	7	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/10/21 09:03	6	7	06/10/21 09:03	7	7	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/10/21 09:03	6	7	06/10/21 09:03	7	7	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/10/21 09:03	5	7	06/10/21 09:03	6	7	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 2540 D-97

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/10/21 09:54	4	7	06/10/21 09:54	5	7	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	5	7	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	5	7	
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	5	7	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/10/21 09:54	4	7	06/10/21 09:54	5	7	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/10/21 09:54	4	7	06/10/21 09:54	5	7	
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/10/21 09:54	4	7	06/10/21 09:54	5	7	
Duplicate BJF0245-DUP1	06/03/21 14:20	06/07/21 17:45	06/10/21 09:03	6	7	06/10/21 09:03	7	7	
Duplicate BJF0247-DUP1	06/04/21 11:55	06/07/21 17:45	06/10/21 09:54	5	7	06/10/21 09:54	6	7	

* Indicates hold time exceedance.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

METHOD DETECTION AND REPORTING LIMITS

SM 2540 D-97

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Rem
Matrix: Water
Instrument:

Analyte	MDL	RL	Units
Suspended Solids	1	1	mg/L

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 H	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-008
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 17:59
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

NRC-3SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-01 J	SDG:	21F0123
Sampled:	06/03/21 14:20	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-048
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 07:54
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 D	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-012
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 19:19
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

NRC-3IR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-02 E	SDG:	21F0123
Sampled:	06/03/21 15:37	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-054
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 10:04
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 D	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-013
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 19:36
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

NRC-3DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-03 E	SDG:	21F0123
Sampled:	06/03/21 14:17	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-055
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 10:29
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 D	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-016
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 20:48
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

NRC-103DR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-04 E	SDG:	21F0123
Sampled:	06/03/21 14:21	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-056
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 10:47
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 D	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-017
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 21:13
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

NRC-103SR-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-06 E	SDG:	21F0123
Sampled:	06/03/21 14:30	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-057
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 11:12
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 D	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06282021@1003-018
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 21:32
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	1.53	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

MW-01-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-07 E	SDG:	21F0123
Sampled:	06/03/21 16:59	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-058
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 11:34
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	1.49	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 D	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-018
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 21:50
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

MW-2-GW-060321

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-08 E	SDG:	21F0123
Sampled:	06/03/21 17:05	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-059
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 11:52
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.54	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 D	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-019
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 22:07
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-16I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-09 E	SDG:	21F0123
Sampled:	06/04/21 13:17	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-060
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 12:17
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 D	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-020
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 22:29
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-16D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-10 E	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-061
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 12:35
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 D	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-021
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 22:46
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.59	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-16S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-11 E	SDG:	21F0123
Sampled:	06/04/21 12:17	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-064
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 13:36
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.63	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 D	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-022
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 23:12
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.82	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-15S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-12 E	SDG:	21F0123
Sampled:	06/04/21 11:30	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-065
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 13:54
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.85	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 D	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-023
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 23:30
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-15I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-13 E	SDG:	21F0123
Sampled:	06/04/21 11:17	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-066
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 14:19
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 D	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-024
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/10/21 23:48
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-18S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-14 E	SDG:	21F0123
Sampled:	06/04/21 13:50	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-067
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 14:41
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.52	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 D	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-027
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 00:56
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-18I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-15 E	SDG:	21F0123
Sampled:	06/04/21 13:55	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-068
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 15:02
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 D	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-028
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 01:13
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-18D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-16 E	SDG:	21F0123
Sampled:	06/04/21 15:20	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-069
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 15:20
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 D	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-029
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 01:35
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.66	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-17S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-17 E	SDG:	21F0123
Sampled:	06/04/21 12:05	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-070
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 15:49
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.69	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 G	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-039
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 04:53
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-17I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-18 J	SDG:	21F0123
Sampled:	06/04/21 11:55	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-008
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 15:08
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 D	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-030
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 01:57
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00
Dissolved Analytes

FieldBlank-1-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-19 E	SDG:	21F0123
Sampled:	06/04/21 16:10	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-071
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 16:07
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 D	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-031
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 02:14
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.64	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

MW-3-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-21 E	SDG:	21F0123
Sampled:	06/04/21 15:25	Prepared:	06/15/21 12:39	File ID:	ShimadzuData_06212021@0937-072
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/16/21 16:25
Batch:	BJF0403	Sequence:	SJF0272	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.66	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 D	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-032
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 02:32
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00
Dissolved Analytes

SG-7R-WP-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-22 E	SDG:	21F0123
Sampled:	06/04/21 17:16	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-012
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 16:28
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 D	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/10/21 14:03	File ID:	ShimadzuData_06152021@1550-033
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 02:50
Batch:	BJF0261	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-12S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-23 E	SDG:	21F0123
Sampled:	06/04/21 16:07	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-013
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 16:54
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.53	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 D	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-043
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 06:18
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-12I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-24 E	SDG:	21F0123
Sampled:	06/04/21 17:05	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-016
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 18:05
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 D	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-044
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 06:35
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-12D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-25 E	SDG:	21F0123
Sampled:	06/04/21 16:29	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-017
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 18:23
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 D	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-045
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 07:00
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-13S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-26 E	SDG:	21F0123
Sampled:	06/04/21 14:46	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-018
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 18:44
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 D	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-046
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 07:18
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-13I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-27 E	SDG:	21F0123
Sampled:	06/04/21 14:55	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-019
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 19:05
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 D	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-047
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 07:36
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

DS-13D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-28 E	SDG:	21F0123
Sampled:	06/04/21 15:39	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-020
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 19:23
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 D	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-048
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 07:53
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00
Dissolved Analytes

HBKG-2-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-29 E	SDG:	21F0123
Sampled:	06/04/21 14:25	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-021
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 19:44
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 D	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-051
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 08:54
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

US-1S-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-30 E	SDG:	21F0123
Sampled:	06/04/21 12:55	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-022
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 20:02
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.52	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 D	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-052
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 09:19
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

US-1I-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-31 E	SDG:	21F0123
Sampled:	06/04/21 13:54	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-023
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 20:32
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 D	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-053
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 09:44
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

US-1D-GW-060421

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-32 E	SDG:	21F0123
Sampled:	06/04/21 13:00	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-024
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 20:49
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 D	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-054
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 10:02
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

TP2-12D-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-33 E	SDG:	21F0123
Sampled:	06/05/21 10:45	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-025
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 21:06
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	<0.50	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 D	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-055
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 10:24
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.52	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00
Dissolved Analytes

TP2-12S-GW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Ground Water	Laboratory ID:	21F0123-34 E	SDG:	21F0123
Sampled:	06/05/21 09:30	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-028
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 22:03
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.55	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 D	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-056
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 10:49
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.90	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

RC-6-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-35 E	SDG:	21F0123
Sampled:	06/05/21 08:20	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-029
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 22:21
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.78	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 D	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-057
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 11:11
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.65	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

RC-6-PW-6-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-37 E	SDG:	21F0123
Sampled:	06/05/21 09:10	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-030
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 22:39
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.68	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 D	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-058
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 11:41
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.67	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

RC-6-PW-12-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-38 E	SDG:	21F0123
Sampled:	06/05/21 10:18	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-031
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 22:57
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.65	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 D	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-059
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 12:06
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.62	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00
Dissolved Analytes

RC-6-WP-36-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	PW	Laboratory ID:	21F0123-39 E	SDG:	21F0123
Sampled:	06/05/21 11:05	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-032
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 23:19
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.66	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 D	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/10/21 14:08	File ID:	ShimadzuData_06152021@1550-060
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/11/21 12:32
Batch:	BJF0262	Sequence:	SJF0207	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	0.83	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I
INORGANIC ANALYSIS DATA SHEET
SM 5310 B-00

Dissolved Analytes

RC-1-SW-060521

Laboratory:	Analytical Resources, Inc.				
Client:	Floyd - Snider				
Project:	Rio Tinto Holden Mine Reclamation/Remediation				
Matrix:	Stormwater	Laboratory ID:	21F0123-40 E	SDG:	21F0123
Sampled:	06/05/21 11:50	Prepared:	06/21/21 10:43	File ID:	ShimadzuData_06282021@0926-033
% Solids:	0.00	Preparation:	No Prep Wet Chem	Analyzed:	06/21/21 23:41
Batch:	BJF0558	Sequence:	SJF0372	Initial/Final:	20 mL / 20 mL
Instrument:	TOC-LCSH			Calibration:	EC00089

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon, Dissolved	0.73	1	0.50	0.50	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0261 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01	dzuData_06152021@155	06/10/21 14:03	
NRC-3IR-GW-060321	21F0123-02	dzuData_06152021@155	06/10/21 14:03	
NRC-3DR-GW-060321	21F0123-03	dzuData_06152021@155	06/10/21 14:03	
NRC-103DR-GW-060321	21F0123-04	dzuData_06152021@155	06/10/21 14:03	
NRC-103SR-GW-060321	21F0123-06	dzuData_06152021@155	06/10/21 14:03	
MW-01-GW-060321	21F0123-07	dzuData_06282021@100	06/10/21 14:03	
MW-2-GW-060321	21F0123-08	dzuData_06152021@155	06/10/21 14:03	
DS-16I-GW-060421	21F0123-09	dzuData_06152021@155	06/10/21 14:03	
DS-16D-GW-060421	21F0123-10	dzuData_06152021@155	06/10/21 14:03	
DS-16S-GW-060421	21F0123-11	dzuData_06152021@155	06/10/21 14:03	
DS-15S-GW-060421	21F0123-12	dzuData_06152021@155	06/10/21 14:03	
DS-15I-GW-060421	21F0123-13	dzuData_06152021@155	06/10/21 14:03	
DS-18S-GW-060421	21F0123-14	dzuData_06152021@155	06/10/21 14:03	
DS-18I-GW-060421	21F0123-15	dzuData_06152021@155	06/10/21 14:03	
DS-18D-GW-060421	21F0123-16	dzuData_06152021@155	06/10/21 14:03	
DS-17S-GW-060421	21F0123-17	dzuData_06152021@155	06/10/21 14:03	
FieldBlank-1-GW-060421	21F0123-19	dzuData_06152021@155	06/10/21 14:03	
MW-3-GW-060421	21F0123-21	dzuData_06152021@155	06/10/21 14:03	
SG-7R-WP-060421	21F0123-22	dzuData_06152021@155	06/10/21 14:03	
DS-12S-GW-060421	21F0123-23	dzuData_06152021@155	06/10/21 14:03	
Blank	BJF0261-BLK1	dzuData_06152021@155	06/10/21 14:03	
LCS	BJF0261-BS1	dzuData_06152021@155	06/10/21 14:03	
NRC-3SR-GW-060321	BJF0261-DUP1	dzuData_06152021@155	06/10/21 14:03	
MRL Check	BJF0261-MRL1	dzuData_06152021@155	06/10/21 14:03	
NRC-3SR-GW-060321	BJF0261-MS1	dzuData_06152021@155	06/10/21 14:03	
NRC-3SR-GW-060321	BJF0261-MSD1	dzuData_06152021@155	06/10/21 14:03	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0262 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-17I-GW-060421	21F0123-18	dzuData_06152021@155	06/10/21 14:08	
DS-12I-GW-060421	21F0123-24	dzuData_06152021@155	06/10/21 14:08	
DS-12D-GW-060421	21F0123-25	dzuData_06152021@155	06/10/21 14:08	
DS-13S-GW-060421	21F0123-26	dzuData_06152021@155	06/10/21 14:08	
DS-13I-GW-060421	21F0123-27	dzuData_06152021@155	06/10/21 14:08	
DS-13D-GW-060421	21F0123-28	dzuData_06152021@155	06/10/21 14:08	
HBKG-2-GW-060421	21F0123-29	dzuData_06152021@155	06/10/21 14:08	
US-1S-GW-060421	21F0123-30	dzuData_06152021@155	06/10/21 14:08	
US-1I-GW-060421	21F0123-31	dzuData_06152021@155	06/10/21 14:08	
US-1D-GW-060421	21F0123-32	dzuData_06152021@155	06/10/21 14:08	
TP2-12D-GW-060521	21F0123-33	dzuData_06152021@155	06/10/21 14:08	
TP2-12S-GW-060521	21F0123-34	dzuData_06152021@155	06/10/21 14:08	
RC-6-SW-060521	21F0123-35	dzuData_06152021@155	06/10/21 14:08	
RC-6-PW-6-060521	21F0123-37	dzuData_06152021@155	06/10/21 14:08	
RC-6-PW-12-060521	21F0123-38	dzuData_06152021@155	06/10/21 14:08	
RC-6-WP-36-060521	21F0123-39	dzuData_06152021@155	06/10/21 14:08	
RC-1-SW-060521	21F0123-40	dzuData_06152021@155	06/10/21 14:08	
Blank	BJF0262-BLK1	dzuData_06152021@155	06/10/21 14:08	
LCS	BJF0262-BS1	dzuData_06152021@155	06/10/21 14:08	
DS-17I-GW-060421	BJF0262-DUP1	dzuData_06152021@155	06/10/21 14:08	
MRL Check	BJF0262-MRL1	dzuData_06152021@155	06/10/21 14:08	
DS-17I-GW-060421	BJF0262-MS1	dzuData_06152021@155	06/10/21 14:08	
DS-17I-GW-060421	BJF0262-MSD1	dzuData_06152021@155	06/10/21 14:08	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0403 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
NRC-3SR-GW-060321	21F0123-01	dzuData_06212021@093	06/15/21 12:39	
NRC-3IR-GW-060321	21F0123-02	dzuData_06212021@093	06/15/21 12:39	
NRC-3DR-GW-060321	21F0123-03	dzuData_06212021@093	06/15/21 12:39	
NRC-103DR-GW-060321	21F0123-04	dzuData_06212021@093	06/15/21 12:39	
NRC-103SR-GW-060321	21F0123-06	dzuData_06212021@093	06/15/21 12:39	
MW-01-GW-060321	21F0123-07	dzuData_06212021@093	06/15/21 12:39	
MW-2-GW-060321	21F0123-08	dzuData_06212021@093	06/15/21 12:39	
DS-16I-GW-060421	21F0123-09	dzuData_06212021@093	06/15/21 12:39	
DS-16D-GW-060421	21F0123-10	dzuData_06212021@093	06/15/21 12:39	
DS-16S-GW-060421	21F0123-11	dzuData_06212021@093	06/15/21 12:39	
DS-15S-GW-060421	21F0123-12	dzuData_06212021@093	06/15/21 12:39	
DS-15I-GW-060421	21F0123-13	dzuData_06212021@093	06/15/21 12:39	
DS-18S-GW-060421	21F0123-14	dzuData_06212021@093	06/15/21 12:39	
DS-18I-GW-060421	21F0123-15	dzuData_06212021@093	06/15/21 12:39	
DS-18D-GW-060421	21F0123-16	dzuData_06212021@093	06/15/21 12:39	
DS-17S-GW-060421	21F0123-17	dzuData_06212021@093	06/15/21 12:39	
FieldBlank-1-GW-060421	21F0123-19	dzuData_06212021@093	06/15/21 12:39	
MW-3-GW-060421	21F0123-21	dzuData_06212021@093	06/15/21 12:39	
Blank	BJF0403-BLK1	dzuData_06212021@093	06/15/21 12:39	
LCS	BJF0403-BS1	dzuData_06212021@093	06/15/21 12:39	
NRC-3SR-GW-060321	BJF0403-DUP1	dzuData_06212021@093	06/15/21 12:39	
MRL Check	BJF0403-MRL1	dzuData_06212021@093	06/15/21 12:39	
NRC-3SR-GW-060321	BJF0403-MS1	dzuData_06212021@093	06/15/21 12:39	
NRC-3SR-GW-060321	BJF0403-MSD1	dzuData_06212021@093	06/15/21 12:39	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

PREPARATION BATCH SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Batch: BJF0558 Batch Matrix: Water Preparation: No Prep Wet Chem

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
DS-17I-GW-060421	21F0123-18	dzuData_06282021@092	06/21/21 10:43	
SG-7R-WP-060421	21F0123-22	dzuData_06282021@092	06/21/21 10:43	
DS-12S-GW-060421	21F0123-23	dzuData_06282021@092	06/21/21 10:43	
DS-12I-GW-060421	21F0123-24	dzuData_06282021@092	06/21/21 10:43	
DS-12D-GW-060421	21F0123-25	dzuData_06282021@092	06/21/21 10:43	
DS-13S-GW-060421	21F0123-26	dzuData_06282021@092	06/21/21 10:43	
DS-13I-GW-060421	21F0123-27	dzuData_06282021@092	06/21/21 10:43	
DS-13D-GW-060421	21F0123-28	dzuData_06282021@092	06/21/21 10:43	
HBKG-2-GW-060421	21F0123-29	dzuData_06282021@092	06/21/21 10:43	
US-1S-GW-060421	21F0123-30	dzuData_06282021@092	06/21/21 10:43	
US-1I-GW-060421	21F0123-31	dzuData_06282021@092	06/21/21 10:43	
US-1D-GW-060421	21F0123-32	dzuData_06282021@092	06/21/21 10:43	
TP2-12D-GW-060521	21F0123-33	dzuData_06282021@092	06/21/21 10:43	
TP2-12S-GW-060521	21F0123-34	dzuData_06282021@092	06/21/21 10:43	
RC-6-SW-060521	21F0123-35	dzuData_06282021@092	06/21/21 10:43	
RC-6-PW-6-060521	21F0123-37	dzuData_06282021@092	06/21/21 10:43	
RC-6-PW-12-060521	21F0123-38	dzuData_06282021@092	06/21/21 10:43	
RC-6-WP-36-060521	21F0123-39	dzuData_06282021@092	06/21/21 10:43	
RC-1-SW-060521	21F0123-40	dzuData_06282021@092	06/21/21 10:43	
Blank	BJF0558-BLK1	dzuData_06282021@092	06/21/21 10:43	
LCS	BJF0558-BS1	dzuData_06282021@092	06/21/21 10:43	
DS-17I-GW-060421	BJF0558-DUP1	dzuData_06282021@092	06/21/21 10:43	
MRL Check	BJF0558-MRL1	dzuData_06282021@092	06/21/21 10:43	
DS-17I-GW-060421	BJF0558-MS1	dzuData_06282021@092	06/21/21 10:43	
DS-17I-GW-060421	BJF0558-MSD1	dzuData_06282021@092	06/21/21 10:43	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 5310 B-00

TotalAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/
Batch: BJF0261
Laboratory ID: BJF0261-BLK1
Prepared: 06/10/21 14:03
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/10/21 17:11
Sequence: SJF0207
Calibration: EC00089
Instrument: TOC-LCSH

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	ND	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

SM 5310 B-00

TotalAnalytes

Blank

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/

Batch: BJF0262
Laboratory ID: BJF0262-BLK1
Prepared: 06/10/21 14:08

Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/11/21 03:34

Sequence: SJF0207
Calibration: EC00089
Instrument: TOC-LCSH

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Total Organic Carbon	ND	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

Blank

SM 5310 B-00

DissolvedAnalytes

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/I
Batch: BJF0403
Laboratory ID: BJF0403-BLK1
Prepared: 06/15/21 12:39
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/16/21 07:10
Sequence: SJF0272
Calibration: EC00089
Instrument: TOC-LCSH

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon	ND	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Form I

METHOD BLANK DATA SHEET

Blank

SM 5310 B-00

DissolvedAnalytes

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/
Batch: BJF0558
Laboratory ID: BJF0558-BLK1
Prepared: 06/21/21 10:43
Matrix: Water
Preparation: No Prep Wet Chem
Analyzed: 06/21/21 14:21
Sequence: SJF0372
Calibration: EC00089
Instrument: TOC-LCSH

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	MDL	MRL	Q
	Dissolved Organic Carbon	ND	1	0.50	0.50	U

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/10/21 17:33
Batch:	BJF0261	Laboratory ID:	BJF0261-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	20 mL / 20 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Total Organic Carbon	20.00	19.83		99.2	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/11/21 03:52
Batch:	BJF0262	Laboratory ID:	BJF0262-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	20 mL / 20 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Total Organic Carbon	20.00	20.27		101	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/16/21 07:29
Batch:	BJF0403	Laboratory ID:	BJF0403-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	20 mL / 20 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Dissolved Organic Carbon	20.00	20.01		100	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

LCS / LCS DUPLICATE RECOVERY

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/21/21 14:43
Batch:	BJF0558	Laboratory ID:	BJF0558-BS1
Preparation:	No Prep Wet Chem	Sequence Name:	LCS
Initial/Final:	20 mL / 20 mL		

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	Q	LCS % REC. #	QC LIMITS REC.
Dissolved Organic Carbon	20.00	19.96		99.8	90 - 110

* Indicates values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation

Matrix: Water
Laboratory ID: BJF0261-DUP1

Batch: BJF0261
Lab Source ID: 21F0123-01

Preparation: No Prep Wet Chem
Initial/Final: 20 mL / 20 mL

Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Total Organic Carbon	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0262-DUP1
Batch: BJF0262
Lab Source ID: 21F0123-18
Preparation: No Prep Wet Chem
Initial/Final: 20 mL / 20 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Total Organic Carbon	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

DUPLICATES

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123

Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation

Matrix: Water
Laboratory ID: BJF0403-DUP1

Batch: BJF0403
Lab Source ID: 21F0123-01

Preparation: No Prep Wet Chem
Initial/Final: 20 mL / 20 mL

Source Sample Name: NRC-3SR-GW-060321
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Dissolved Organic Carbon	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

DUPLICATES

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Matrix: Water
Laboratory ID: BJF0558-DUP1
Batch: BJF0558
Lab Source ID: 21F0123-18
Preparation: No Prep Wet Chem
Initial/Final: 20 mL / 20 mL
Source Sample Name: DS-17I-GW-060421
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION	DUPLICATE CONCENTRATION	RPD %	Q
Dissolved Organic Carbon	20	ND	ND		

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY
SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/10/21 18:35
Batch:	BJF0261	Laboratory ID:	BJF0261-MS1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike
Initial/Final:	20 mL / 20 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	Q	MS CONCENTRATION (mg/L)	Q	MS % REC. #	QC LIMITS REC.
Total Organic Carbon	20.04	ND	U	20.30		101	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY
SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/10/21 18:54
Batch:	BJF0261	Laboratory ID:	BJF0261-MSD1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike Dup
Initial/Final:	20 mL / 20 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Total Organic Carbon	20.04	19.93		99.5	1.84	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY
SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/11/21 05:33
Batch:	BJF0262	Laboratory ID:	BJF0262-MS1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike
Initial/Final:	20 mL / 20 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	Q	MS CONCENTRATION (mg/L)	Q	MS % REC. #	QC LIMITS REC.
Total Organic Carbon	20.04	ND	U	19.91		99.4	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY
SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/11/21 05:52
Batch:	BJF0262	Laboratory ID:	BJF0262-MSD1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike Dup
Initial/Final:	20 mL / 20 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Total Organic Carbon	20.04	20.28		101	1.84	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY
SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/16/21 09:21
Batch:	BJF0403	Laboratory ID:	BJF0403-MS1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike
Initial/Final:	20 mL / 20 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	Q	MS CONCENTRATION (mg/L)	Q	MS % REC. #	QC LIMITS REC.
Dissolved Organic Carbon	20.04	ND	U	20.28		101	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

NRC-3SR-GW-060321

MS / MS DUPLICATE RECOVERY
SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/16/21 09:39
Batch:	BJF0403	Laboratory ID:	BJF0403-MSD1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike Dup
Initial/Final:	20 mL / 20 mL	Source Sample:	NRC-3SR-GW-060321

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dissolved Organic Carbon	20.04	20.76		104	2.34	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY
SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/21/21 15:52
Batch:	BJF0558	Laboratory ID:	BJF0558-MS1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike
Initial/Final:	20 mL / 20 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	Q	MS CONCENTRATION (mg/L)	Q	MS % REC. #	QC LIMITS REC.
Dissolved Organic Carbon	20.04	ND	U	19.34		96.5	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DS-17I-GW-060421

MS / MS DUPLICATE RECOVERY
SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Matrix:	Water	Analyzed:	06/21/21 16:10
Batch:	BJF0558	Laboratory ID:	BJF0558-MSD1
Preparation:	No Prep Wet Chem	Sequence Name:	Matrix Spike Dup
Initial/Final:	20 mL / 20 mL	Source Sample:	DS-17I-GW-060421

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	Q	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dissolved Organic Carbon	20.04	19.45		97.1	0.567	20	75 - 125

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJC0472	Instrument:	TOC-LCSH
		Calibration:	EC00089

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
1	SJC0472-CAL1	dzuData_03302021@103	NA	03/29/21 14:39
10	SJC0472-CAL2	dzuData_03302021@103	NA	03/29/21 14:56
5	SJC0472-CAL3	dzuData_03302021@103	NA	03/29/21 15:15
2	SJC0472-CAL4	dzuData_03302021@103	NA	03/29/21 15:32
1	SJC0472-CAL5	dzuData_03302021@103	NA	03/29/21 15:49
5	SJC0472-CAL6	dzuData_03302021@103	NA	03/29/21 16:09
2	SJC0472-CAL7	dzuData_03302021@103	NA	03/29/21 16:27
1	SJC0472-CAL8	dzuData_03302021@103	NA	03/29/21 16:46
1	SJC0472-ICV1	dzuData_03302021@103	NA	03/29/21 17:06
1	SJC0472-ICB1	dzuData_03302021@103	NA	03/29/21 17:24
1	SJC0472-CCV1	dzuData_03302021@103	NA	03/29/21 21:32
1	SJC0472-CCB1	dzuData_03302021@103	NA	03/29/21 21:53

TOC-Control L Report

WCW
2021_03_29_001.tlx

Instr.Information

Instrument Options: TOC/ASI/IC Unit/
Catalyst: Regular Sensitivity

Sample

Sample Name: Rinse
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status: Completed
Chk. Result

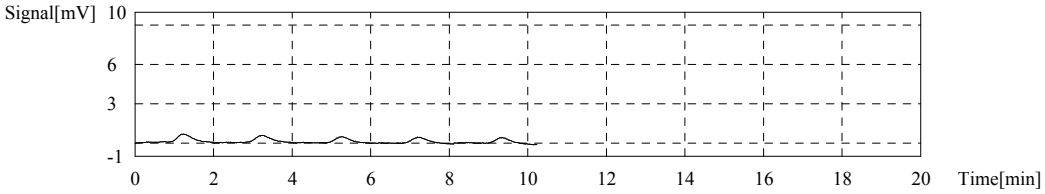
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1221mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.775	0.1619mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_08_16_34_48.cal	3/29/2021 2:17:24 PM
2	1.584	0.1445mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_08_16_34_48.cal	3/29/2021 2:20:56 PM
3	1.344	0.1226mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_08_16_34_48.cal	3/29/2021 2:24:20 PM
4	1.382	0.1261mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_08_16_34_48.cal	3/29/2021 2:28:03 PM
5	1.290	0.1177mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_08_16_34_48.cal	3/29/2021 2:31:31 PM

Mean Area 1.339
Mean Conc. 0.1221mg/L



Cal. Curve

Sample Name: SEQ-CAL
Sample ID: Curve
Cal. Curve: NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal
Status: Completed

Type	Anal.
Standard	NPOC

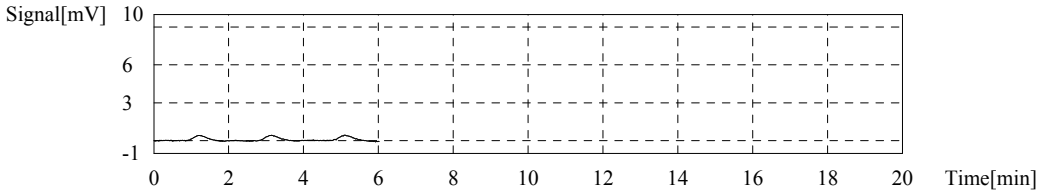
Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1.282	100uL	1.000	*******		3/29/2021 2:39:00 PM
2	1.162	100uL	1.000	*******		3/29/2021 2:42:35 PM
3	1.202	100uL	1.000	*******		3/29/2021 2:46:14 PM

TOC-Control L Report

WCW
2021_03_29_001.tlx

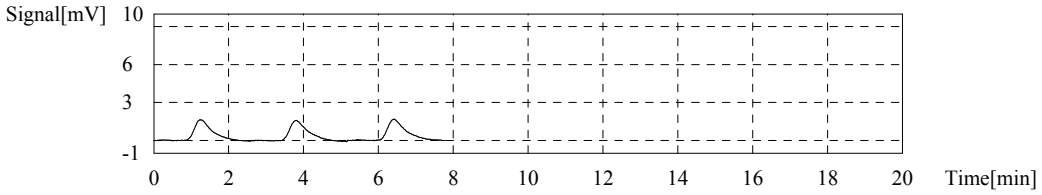
Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 1.215



Conc: 0.5000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	5.621	100uL	10.00	*******		3/29/2021 2:56:59 PM
2	5.562	100uL	10.00	*******		3/29/2021 3:01:55 PM
3	5.757	100uL	10.00	*******		3/29/2021 3:06:47 PM

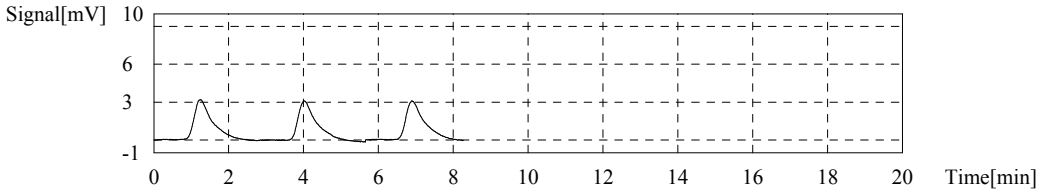
Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 5.647



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.93	100uL	5.000	*******		3/29/2021 3:15:54 PM
2	10.96	100uL	5.000	*******		3/29/2021 3:19:45 PM
3	10.77	100uL	5.000	*******		3/29/2021 3:23:21 PM

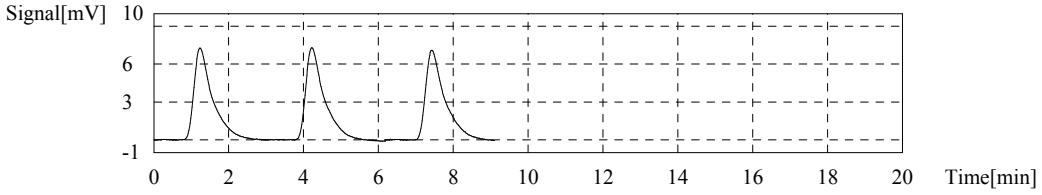
Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 10.89



Conc: 2.500mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	25.46	100uL	2.000	*******		3/29/2021 3:32:30 PM
2	25.74	100uL	2.000	*******		3/29/2021 3:36:42 PM
3	25.83	100uL	2.000	*******		3/29/2021 3:40:36 PM

Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 25.68



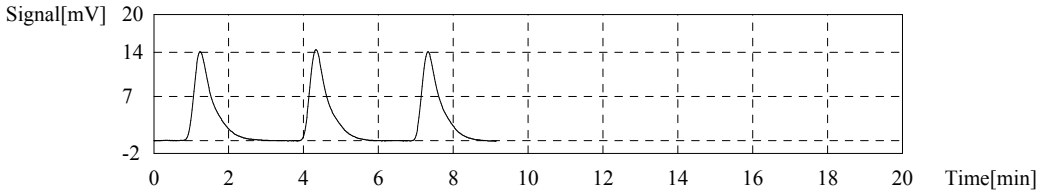
Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	49.23	100uL	1.000	*******		3/29/2021 3:49:34 PM
2	49.44	100uL	1.000	*******		3/29/2021 3:53:33 PM
3	48.80	100uL	1.000	*******		3/29/2021 3:57:35 PM

TOC-Control L Report

WCW
2021_03_29_001.tlx

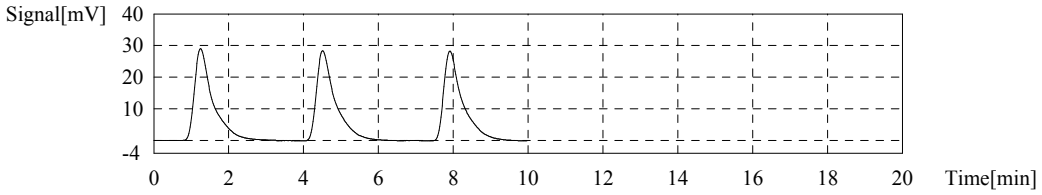
Acid Add.	1.500%
Sparge Gas Flow	80ml
Sp. Time	90.00sec
Mean Area	49.16



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	99.40	100uL	5.000	*******		3/29/2021 4:09:20 PM
2	100.3	100uL	5.000	*******		3/29/2021 4:13:44 PM
3	99.21	100uL	5.000	*******		3/29/2021 4:18:00 PM

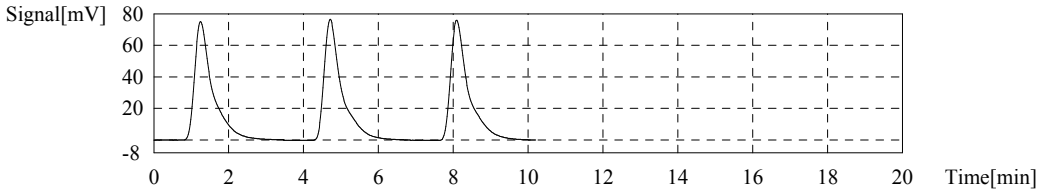
Acid Add.	1.500%
Sparge Gas Flow	80ml
Sp. Time	90.00sec
Mean Area	99.64



Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	252.4	100uL	2.000	*******		3/29/2021 4:27:58 PM
2	252.6	100uL	2.000	*******		3/29/2021 4:32:20 PM
3	253.4	100uL	2.000	*******		3/29/2021 4:36:40 PM

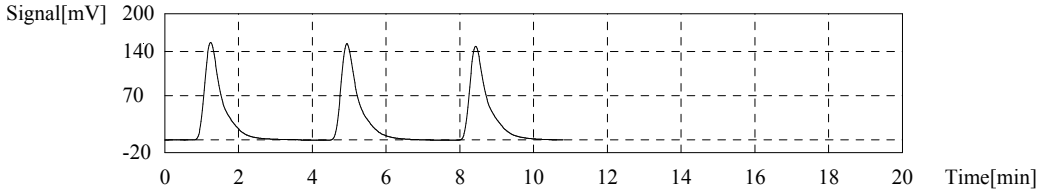
Acid Add.	1.500%
Sparge Gas Flow	80ml
Sp. Time	90.00sec
Mean Area	252.8



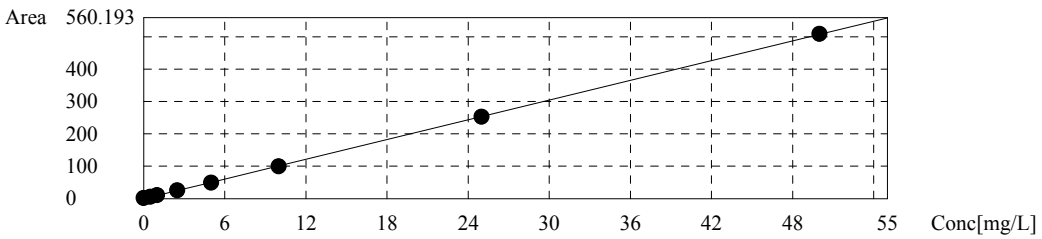
Conc: 50.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	510.1	100uL	1.000	*******		3/29/2021 4:46:15 PM
2	510.0	100uL	1.000	*******		3/29/2021 4:50:44 PM
3	507.7	100uL	1.000	*******		3/29/2021 4:55:19 PM

Acid Add.	1.500%
Sparge Gas Flow	80ml
Sp. Time	90.00sec
Mean Area	509.3



Slope:	10.17
Intercept	0.000
r^2	0.9999
r	1.0000
Zero Shift	Yes



Control Sample

Sample Name: SEQ-ICV1
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.36 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

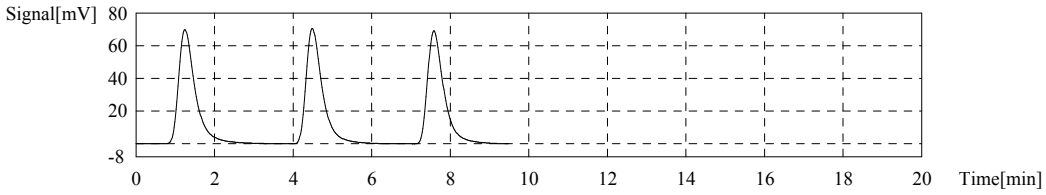
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.36ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	209.6	20.63ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:06:27 PM
2	206.6	20.34ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:10:32 PM
3	204.4	20.12ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:14:39 PM

Mean Area 206.9
Mean Conc. 20.36ppm



Control Sample

Sample Name: SEQ-ICB1
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.3153 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

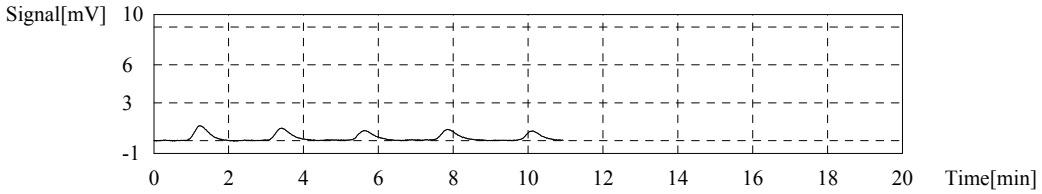
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.3153mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.263	0.3388mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:24:43 PM
2	2.931	0.3062mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:28:15 PM
3	2.219	0.2361mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:31:44 PM
4	2.878	0.3010mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:35:19 PM
5	2.040	0.2185mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:38:36 PM

Mean Area 3.024
Mean Conc. 0.3153mg/L



Sample

Sample Name: SEQ-IFA1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

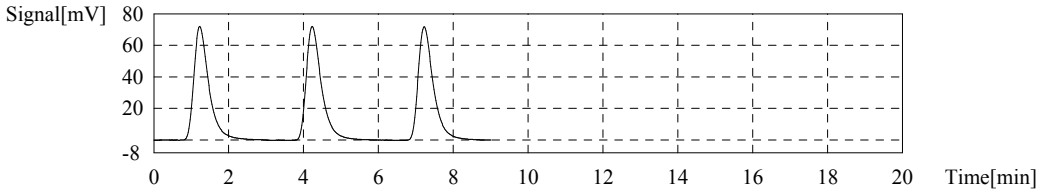
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:20.23mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	204.1	20.07mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:49:23 PM
2	206.9	20.35mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:53:22 PM
3	206.2	20.28mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 5:57:22 PM

Mean Area 205.7
Mean Conc. 20.23mg/L



Sample

Sample Name: BJC0713-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

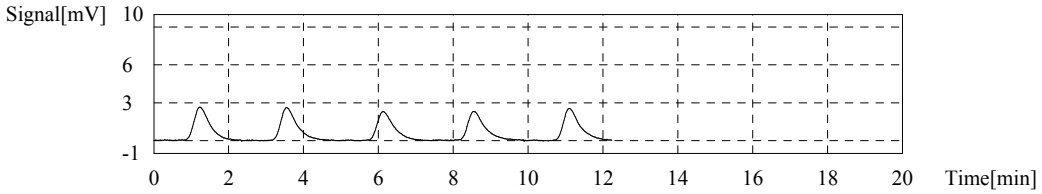
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7697mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.656	0.7530mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:07:36 PM
2	8.006	0.7874mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:11:37 PM
3	7.225	0.7106mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:15:15 PM
4	7.217	0.7098mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:19:11 PM
5	7.816	0.7687mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:22:45 PM

Mean Area 7.826
Mean Conc. 0.7697mg/L



Sample

Sample Name: BJC0713-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

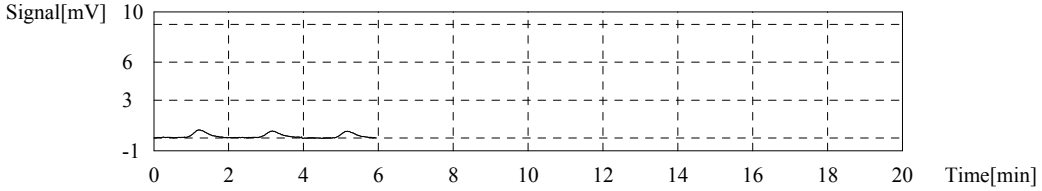
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1432mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.526	0.1501mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:32:25 PM
2	1.382	0.1359mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:36:15 PM
3	1.459	0.1435mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:40:00 PM

Mean Area 1.456
Mean Conc. 0.1432mg/L



Sample

Sample Name: BJC0713-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

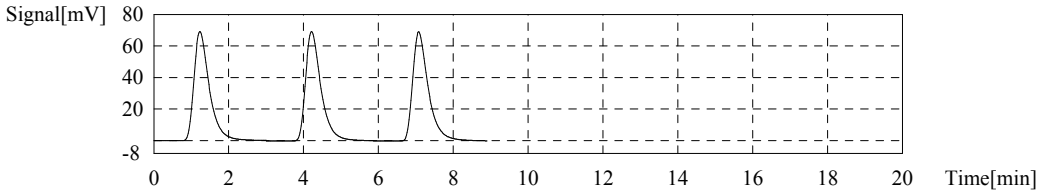
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.77mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	200.1	19.68mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:50:43 PM
2	200.2	19.69mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:54:35 PM
3	202.7	19.94mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 6:58:37 PM

Mean Area 201.0
Mean Conc. 19.77mg/L



Sample

Sample Name: 21C0296-02
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

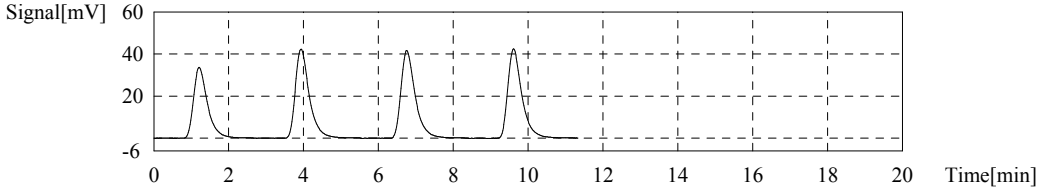
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:548.2mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	88.08	433.1mg/L	100uL	50.00	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 7:09:41 PM
2	110.6	543.9mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 7:14:36 PM
3	111.5	548.3mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 7:19:31 PM
4	112.3	552.3mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 7:24:26 PM

Mean Area 111.5
Mean Conc. 548.2mg/L



Sample

Sample Name: BJC0713-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

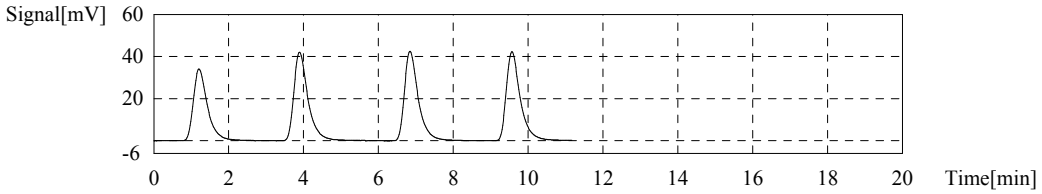
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:544.2mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	89.92	442.2mg/L	100uL	50.00	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 7:35:17 PM
2	111.2	546.8mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 7:40:25 PM
3	110.1	541.4mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 7:45:01 PM
4	110.7	544.4mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 7:49:57 PM

Mean Area 110.7
Mean Conc. 544.2mg/L



Sample

Sample Name: BJC0713-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

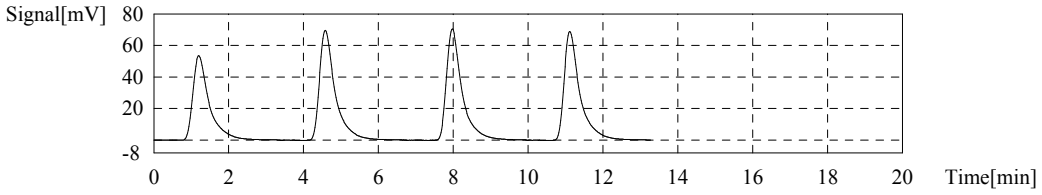
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:1006mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	164.1	807.0mg/L	100uL	50.00	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:01:29 PM
2	204.9	1008mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:06:21 PM
3	205.7	1012mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:11:00 PM
4	203.3	999.8mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:16:00 PM

Mean Area 204.6
Mean Conc. 1006mg/L



Sample

Sample Name: 21C0296-03
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

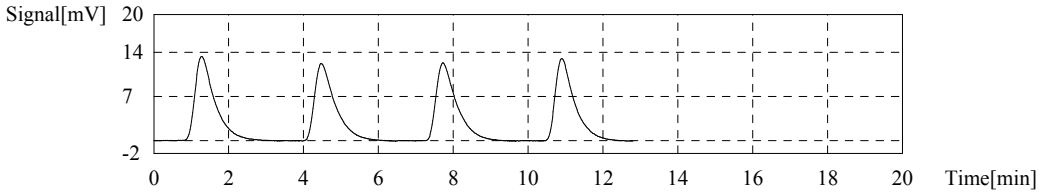
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:4.671mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	49.41	4.860mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:26:56 PM
2	47.43	4.665mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:31:10 PM
3	47.82	4.703mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:35:22 PM
4	47.22	4.644mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:39:31 PM

Mean Area 47.49
Mean Conc. 4.671mg/L



Sample

Sample Name: 21C0296-04
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

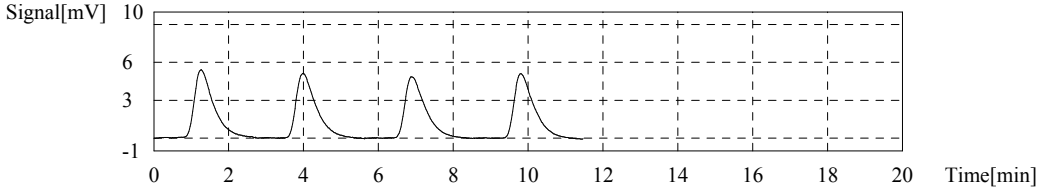
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:1.898mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	19.14	1.882mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:50:08 PM
2	19.35	1.903mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:54:07 PM
3	18.61	1.830mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 8:58:02 PM
4	19.41	1.909mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:01:57 PM

Mean Area 19.30
Mean Conc. 1.898mg/L



Sample

Sample Name: 21C0297-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

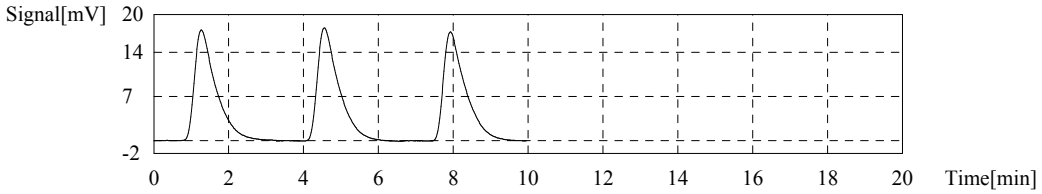
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:6.969mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	70.04	6.889mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:13:07 PM
2	71.86	7.068mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:17:30 PM
3	70.67	6.951mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:21:48 PM

Mean Area 70.86
Mean Conc. 6.969mg/L



Control Sample

Sample Name: SEQ-CCV1
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.72 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

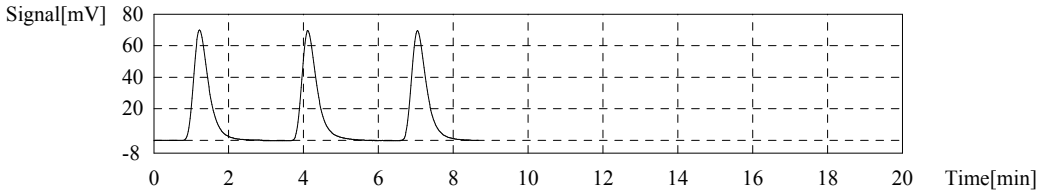
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.72ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	200.5	19.74ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:32:42 PM
2	200.7	19.76ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:36:38 PM
3	199.7	19.66ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:40:28 PM

Mean Area 200.3
Mean Conc. 19.72ppm



Control Sample

Sample Name: SEQ-CCB1
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1823 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

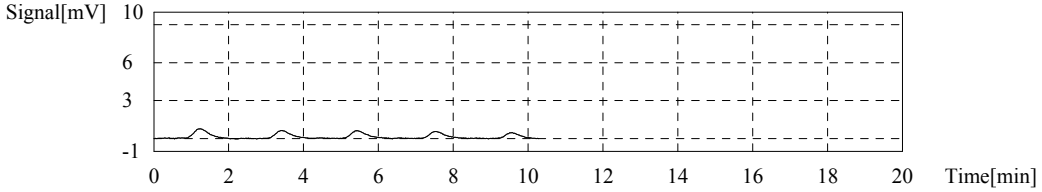
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1823mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.153	0.2296mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:50:33 PM
2	1.737	0.1887mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:53:54 PM
3	1.755	0.1905mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 9:57:28 PM
4	1.523	0.1677mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:00:55 PM
5	1.141	0.1301mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:04:17 PM

Mean Area 1.672
Mean Conc. 0.1823mg/L



Sample

Sample Name: 21C0297-02
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

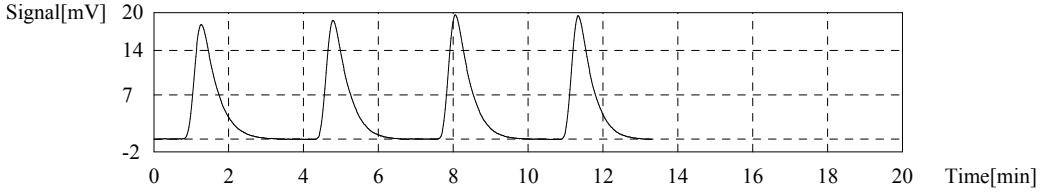
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:7.303mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	74.42	7.319mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:15:41 PM
2	73.91	7.269mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:19:57 PM
3	77.08	7.581mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:24:15 PM
4	74.44	7.321mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:28:27 PM

Mean Area 74.26
Mean Conc. 7.303mg/L



Sample

Sample Name: 21C0340-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

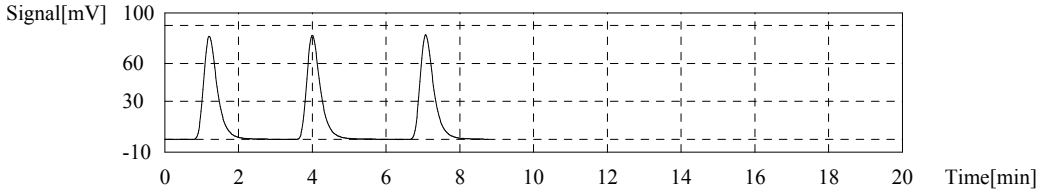
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:106.4mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	214.0	105.2mg/L	100uL	5.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:39:46 PM
2	216.3	106.4mg/L	100uL	5.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:44:59 PM
3	218.7	107.5mg/L	100uL	5.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 10:49:49 PM

Mean Area 216.3
Mean Conc. 106.4mg/L



Sample

Sample Name: BJC0715-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

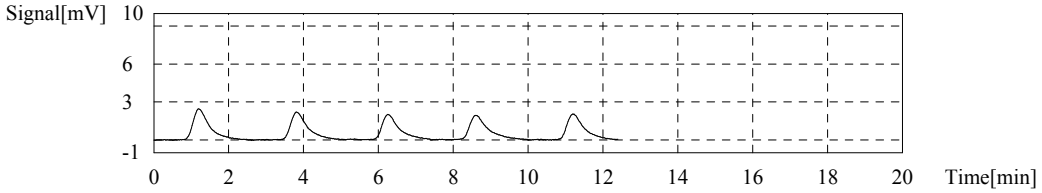
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6527mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.529	0.7405mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:00:08 PM
2	6.867	0.6754mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:03:46 PM
3	6.020	0.5921mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:07:26 PM
4	6.553	0.6445mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:11:29 PM
5	6.489	0.6382mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:15:05 PM

Mean Area 6.636
Mean Conc. 0.6527mg/L



Sample

Sample Name: BJC0715-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

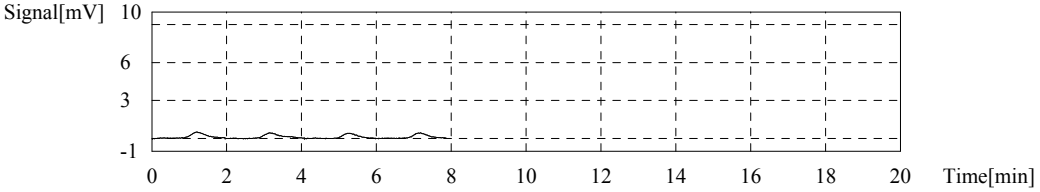
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1029mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.092	0.1074mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:24:45 PM
2	1.314	0.1292mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:28:42 PM
3	1.043	0.1026mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:32:16 PM
4	1.005	0.09884mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:36:03 PM

Mean Area 1.047
Mean Conc. 0.1029mg/L



Sample

Sample Name: BJC0715-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

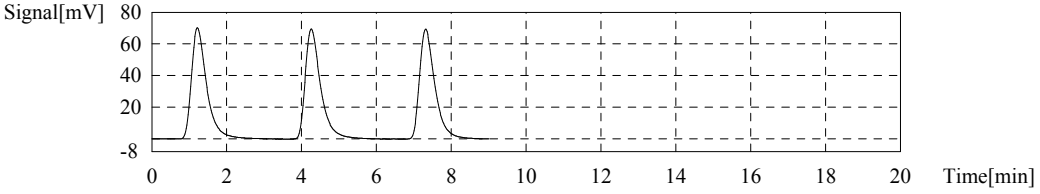
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.75mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	201.0	19.77mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:46:49 PM
2	201.3	19.80mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:50:51 PM
3	200.1	19.68mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/29/2021 11:54:45 PM

Mean Area 200.8
Mean Conc. 19.75mg/L



Sample

Sample Name: 21C0330-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

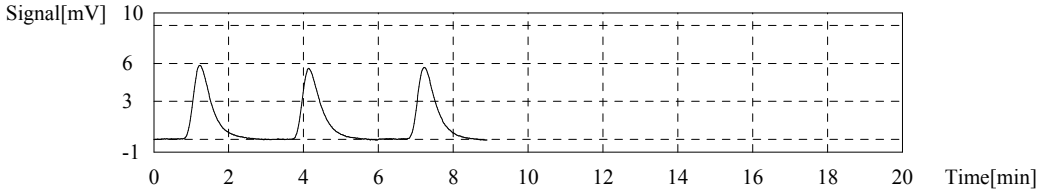
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:1.966mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	20.14	1.981mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:05:34 AM
2	19.92	1.959mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:09:38 AM
3	19.92	1.959mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:13:33 AM

Mean Area 19.99
Mean Conc. 1.966mg/L



Sample

Sample Name: 21C0330-03
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

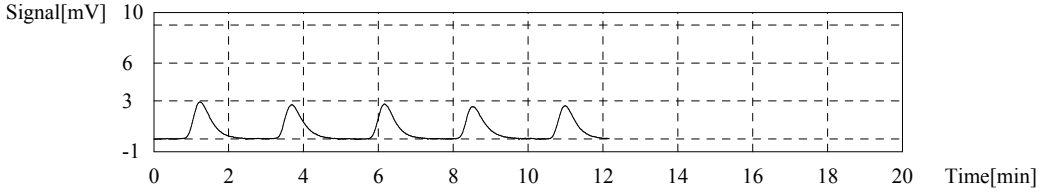
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.8529mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.644	0.9485mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:23:53 AM
2	9.188	0.9037mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:27:43 AM
3	8.914	0.8767mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:31:24 AM
4	8.574	0.8433mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:35:15 AM
5	8.526	0.8386mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:38:59 AM

Mean Area 8.671
Mean Conc. 0.8529mg/L



Sample

Sample Name: 21C0330-05
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

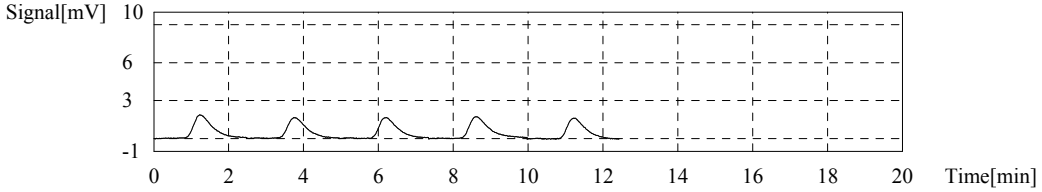
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5509mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.240	0.6137mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:49:10 AM
2	5.642	0.5549mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:52:56 AM
3	5.432	0.5343mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 12:56:37 AM
4	6.076	0.5976mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:00:40 AM
5	5.729	0.5635mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:04:16 AM

Mean Area 5.601
Mean Conc. 0.5509mg/L



Sample

Sample Name: 21C0330-07
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

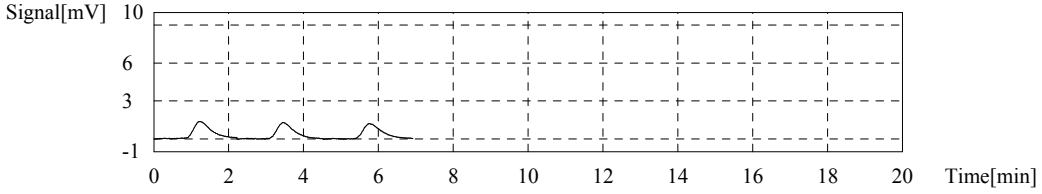
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4007mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.091	0.4024mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:14:13 AM
2	4.049	0.3982mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:18:04 AM
3	4.081	0.4014mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:21:58 AM

Mean Area 4.074
Mean Conc. 0.4007mg/L



Sample

Sample Name: 21C0330-09
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

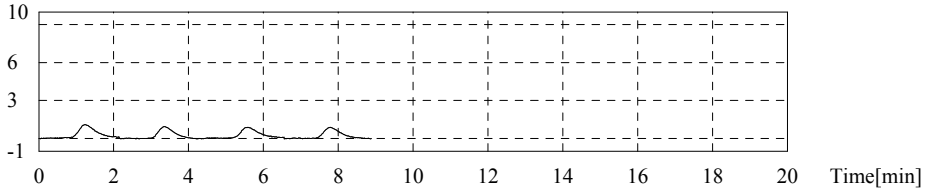
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2686mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.099	0.3048mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:31:49 AM
2	2.777	0.2731mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:35:39 AM
3	2.642	0.2598mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:39:26 AM
4	2.773	0.2727mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:43:21 AM

Mean Area 2.731
Mean Conc. 0.2686mg/L



Control Sample

Sample Name: SEQ-CCV2
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.11 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

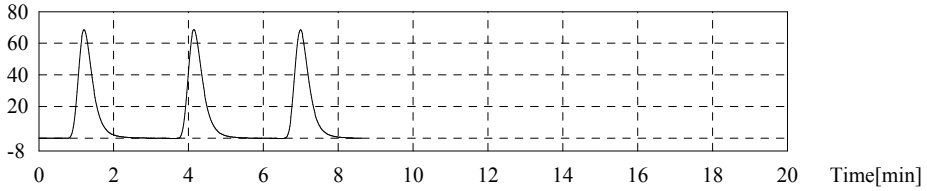
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.11ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	193.0	19.00ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:54:00 AM
2	195.8	19.28ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 1:57:50 AM
3	193.7	19.07ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:01:39 AM

Mean Area 194.2
Mean Conc. 19.11ppm



Control Sample

Sample Name: SEQ-CCB2
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1293 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

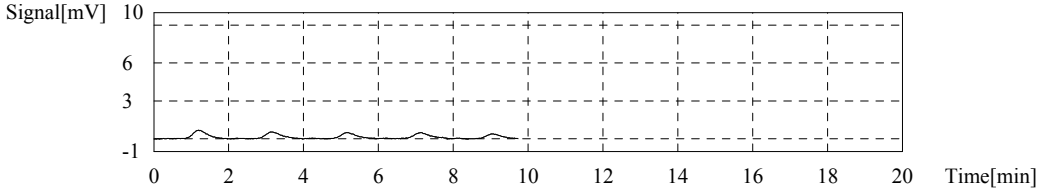
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1293mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.667	0.1818mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:11:29 AM
2	1.497	0.1651mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:15:03 AM
3	1.209	0.1368mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:18:29 AM
4	1.167	0.1327mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:21:59 AM
5	1.022	0.1184mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:25:27 AM

Mean Area 1.133
Mean Conc. 0.1293mg/L



Sample

Sample Name: BJC0715-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

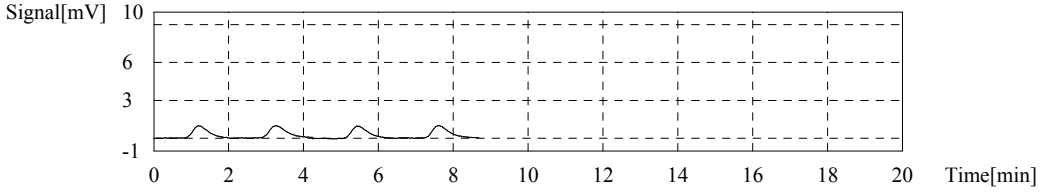
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2955mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.820	0.2774mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:35:29 AM
2	3.026	0.2976mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:39:26 AM
3	3.021	0.2971mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:43:11 AM
4	2.966	0.2917mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:47:05 AM

Mean Area 3.004
Mean Conc. 0.2955mg/L



Sample

Sample Name: BJC0715-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

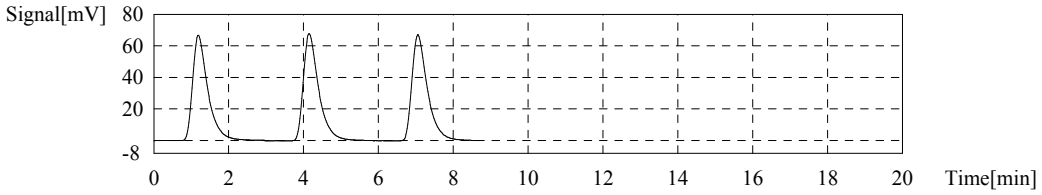
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.10mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	190.8	18.77mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 2:57:46 AM
2	195.5	19.23mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:01:40 AM
3	196.2	19.30mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:05:34 AM

Mean Area 194.2
Mean Conc. 19.10mg/L



Sample

Sample Name: BJC0715-MSD1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

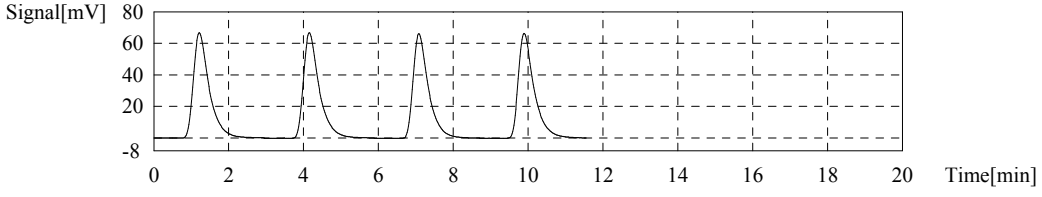
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.38mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	197.9	19.46mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:16:38 AM
2	197.1	19.39mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:20:37 AM
3	190.7	18.76mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:24:28 AM
4	196.2	19.30mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:28:20 AM

Mean Area 197.1
Mean Conc. 19.38mg/L



Sample

Sample Name: 21C0330-11
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

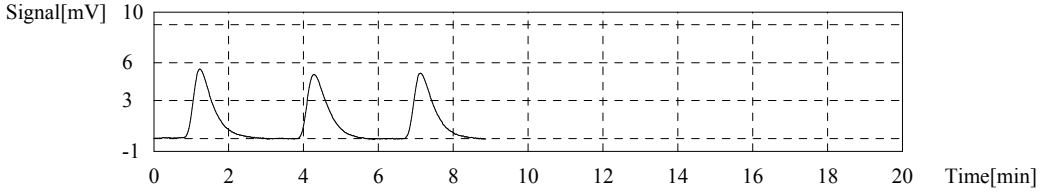
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:1.966mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	20.35	2.001mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:39:17 AM
2	19.88	1.955mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:43:09 AM
3	19.75	1.942mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:47:07 AM

Mean Area 19.99
Mean Conc. 1.966mg/L



Sample

Sample Name: 21C0331-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

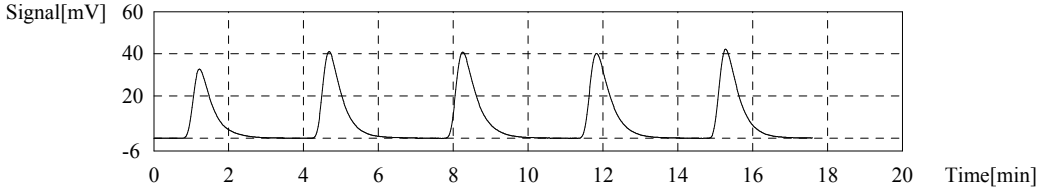
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:782.2mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	120.3	591.6mg/L	100uL	50.00	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 3:58:55 AM
2	151.6	745.5mg/L	100uL	50.00	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:03:52 AM
3	160.9	791.3mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:08:42 AM
4	157.8	776.0mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:13:26 AM
5	158.5	779.4mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:18:21 AM

Mean Area 159.1
Mean Conc. 782.2mg/L



Sample

Sample Name: BJC0735-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

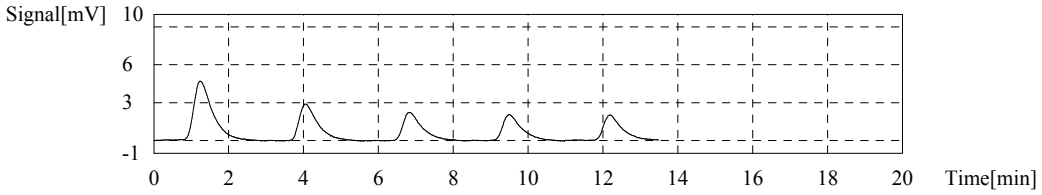
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7240mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	16.13	1.586mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:28:55 AM
2	10.25	1.008mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:32:41 AM
3	8.007	0.7875mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:36:21 AM
4	7.314	0.7194mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:40:10 AM
5	6.763	0.6652mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:43:46 AM

Mean Area 7.361
Mean Conc. 0.7240mg/L



Sample

Sample Name: BJC0735-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

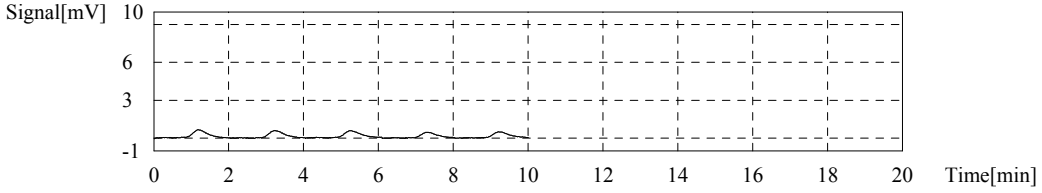
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1610mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.668	0.1641mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:53:50 AM
2	1.751	0.1722mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 4:57:36 AM
3	1.493	0.1468mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:01:25 AM
4	1.218	0.1198mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:05:05 AM
5	1.267	0.1246mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:08:54 AM

Mean Area 1.637
Mean Conc. 0.1610mg/L



Sample

Sample Name: BJC0735-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

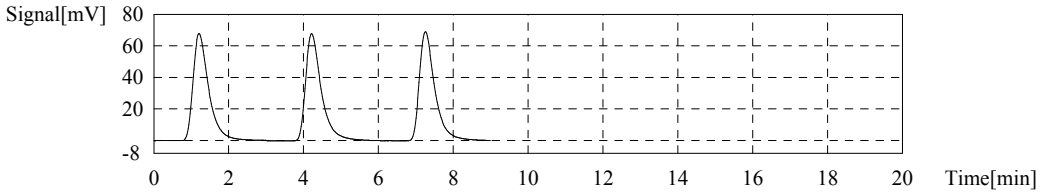
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.67mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	199.1	19.58mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:19:39 AM
2	200.3	19.70mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:23:41 AM
3	200.7	19.74mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:27:37 AM

Mean Area 200.0
Mean Conc. 19.67mg/L



Sample

Sample Name: 21C0359-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

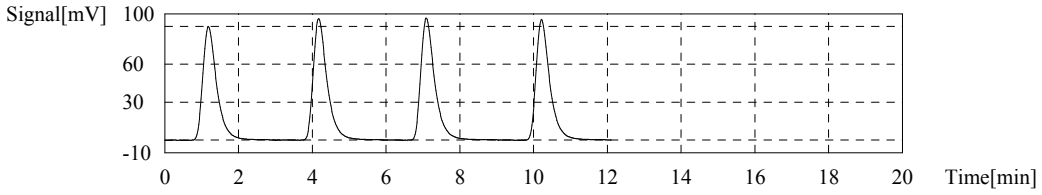
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:499.2mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	238.9	469.9mg/L	100uL	20.00	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:38:58 AM
2	253.8	499.2mg/L	100uL	20.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:43:43 AM
3	257.3	506.1mg/L	100uL	20.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:48:46 AM
4	250.2	492.2mg/L	100uL	20.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 5:53:31 AM

Mean Area 253.8
Mean Conc. 499.2mg/L



Sample

Sample Name: BJC0735-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

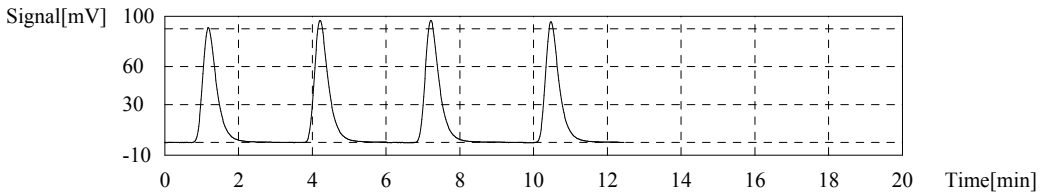
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:506.7mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	244.0	480.0mg/L	100uL	20.00	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:04:44 AM
2	258.8	509.1mg/L	100uL	20.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:09:33 AM
3	261.7	514.8mg/L	100uL	20.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:14:39 AM
4	252.3	496.3mg/L	100uL	20.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:19:23 AM

Mean Area 257.6
Mean Conc. 506.7mg/L



Control Sample

Sample Name: SEQ-CCV3
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.23 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

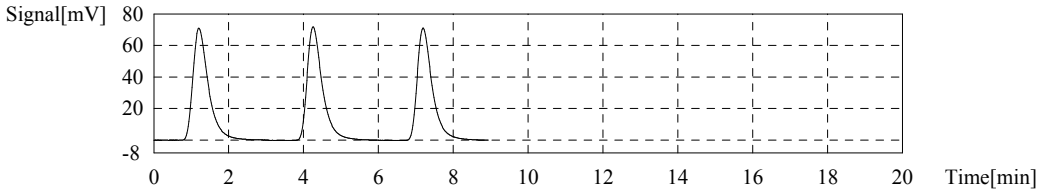
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.23ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	208.3	20.50ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:30:20 AM
2	206.2	20.30ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:34:17 AM
3	202.1	19.90ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:38:13 AM

Mean Area 205.5
Mean Conc. 20.23ppm



Control Sample

Sample Name: SEQ-CCB3
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.2836 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

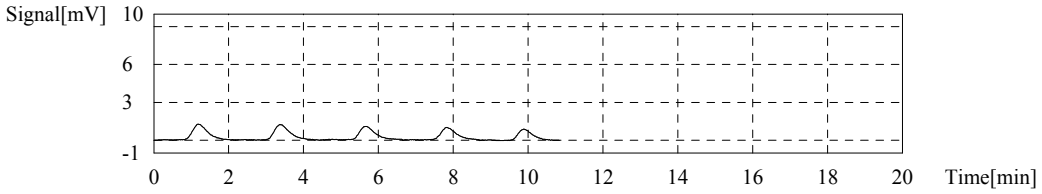
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.2836mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.504	0.3625mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:48:18 AM
2	3.606	0.3726mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:51:54 AM
3	2.947	0.3077mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:55:17 AM
4	2.692	0.2827mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 6:58:40 AM
5	2.466	0.2604mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:02:16 AM

Mean Area 2.702
Mean Conc. 0.2836mg/L



Sample

Sample Name: BJC0735-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

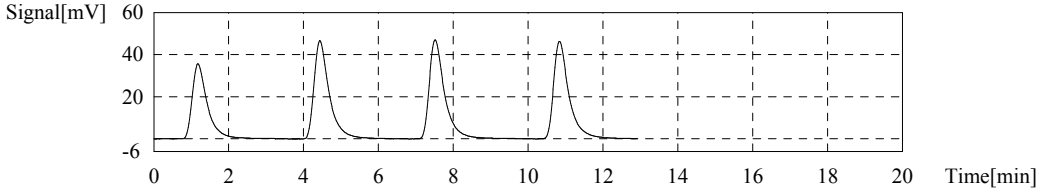
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:657.3mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	100.5	494.2mg/L	100uL	50.00	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:13:46 AM
2	133.1	654.5mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:18:29 AM
3	134.7	662.4mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:23:33 AM
4	133.2	655.0mg/L	100uL	50.00		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:28:21 AM

Mean Area 133.7
Mean Conc. 657.3mg/L



Control Sample

Sample Name: SEQ-CCV4
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.04 / Control within range!

TOC-Control L Report

WCW
2021_03_29_001.tlx

(Zero shift setting of cal. curve has been ignored in conc. calculation)

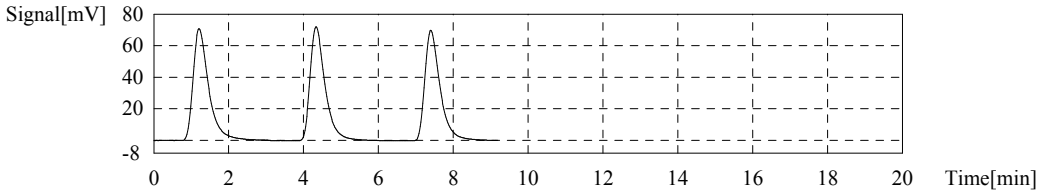
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.04ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	207.5	20.43ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:39:21 AM
2	203.4	20.02ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:43:24 AM
3	199.8	19.67ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:47:23 AM

Mean Area 203.6
Mean Conc. 20.04ppm



Control Sample

Sample Name: SEQ-CCB4
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.2845 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

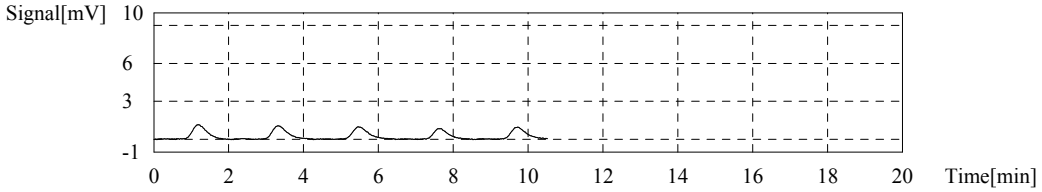
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.2845mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.090	0.3218mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 7:57:25 AM
2	2.865	0.2997mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 8:00:54 AM
3	2.740	0.2874mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 8:04:29 AM
4	2.180	0.2323mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 8:07:51 AM
5	2.526	0.2663mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	3/30/2021 8:11:17 AM

Mean Area 2.710
Mean Conc. 0.2845mg/L



	Type	Analysis	Sample Name	Sample ID	Origin	Manua	Result	Notes	Status	Date / Time	Vial
1	Unknown	NPOC	Rinse		NPOC 0.5 - 50 p	1.000	NPOC:0.1221mg/L		Completed	3/29/2021 2:31:31 PM	0
2	Standard	NPOC	SEQ-CAL	Curve	NPOC 0.5 - 50 p	1.000			Completed	3/29/2021 4:55:19 PM	0, 1,
3	Control	NPOC	SEQ-ICV1	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.36ppm	Control valu	Completed	3/29/2021 5:14:39 PM	3
4	Control	NPOC	SEQ-ICB1		ICB CCB.tpl	1.000	NPOC:0.3153mg/L	Control valu	Completed	3/29/2021 5:38:36 PM	4
5	Unknown	NPOC	SEQ-IFA1		NPOC 0.5 - 50 p	1.000	NPOC:20.23mg/L		Completed	3/29/2021 5:57:22 PM	9
6	Unknown	NPOC	BJC0713-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.7697mg/L		Completed	3/29/2021 6:22:45 PM	10
7	Unknown	NPOC	BJC0713-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.1432mg/L		Completed	3/29/2021 6:40:00 PM	11
8	Unknown	NPOC	BJC0713-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.77mg/L		Completed	3/29/2021 6:58:37 PM	12
9	Unknown	NPOC	21C0296-02		NPOC 0.5 - 50 p	1.000	NPOC:548.2mg/L		Completed	3/29/2021 7:24:26 PM	13
10	Unknown	NPOC	BJC0713-DUP1		NPOC 0.5 - 50 p	1.000	NPOC:544.2mg/L		Completed	3/29/2021 7:49:57 PM	14
11	Unknown	NPOC	BJC0713-MS1		NPOC 0.5 - 50 p	1.000	NPOC:1006mg/L		Completed	3/29/2021 8:16:00 PM	15
12	Unknown	NPOC	21C0296-03		NPOC 0.5 - 50 p	1.000	NPOC:4.671mg/L		Completed	3/29/2021 8:39:31 PM	16
13	Unknown	NPOC	21C0296-04		NPOC 0.5 - 50 p	1.000	NPOC:1.898mg/L		Completed	3/29/2021 9:01:57 PM	17
14	Unknown	NPOC	21C0297-01		NPOC 0.5 - 50 p	1.000	NPOC:6.969mg/L		Completed	3/29/2021 9:21:48 PM	18
15	Control	NPOC	SEQ-CCV1	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.72ppm	Control valu	Completed	3/29/2021 9:40:28 PM	3
16	Control	NPOC	SEQ-CCB1		ICB CCB.tpl	1.000	NPOC:0.1823mg/L	Control valu	Completed	3/29/2021 10:04:17 PM	4
17	Unknown	NPOC	21C0297-02		NPOC 0.5 - 50 p	1.000	NPOC:7.303mg/L		Completed	3/29/2021 10:28:27 PM	19
18	Unknown	NPOC	21C0340-01		NPOC 0.5 - 50 p	1.000	NPOC:106.4mg/L		Completed	3/29/2021 10:49:49 PM	20
19	Unknown	NPOC	BJC0715-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.6527mg/L		Completed	3/29/2021 11:15:05 PM	21
20	Unknown	NPOC	BJC0715-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.1029mg/L		Completed	3/29/2021 11:36:03 PM	22
21	Unknown	NPOC	BJC0715-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.75mg/L		Completed	3/29/2021 11:54:45 PM	23
22	Unknown	NPOC	21C0330-01		NPOC 0.5 - 50 p	1.000	NPOC:1.966mg/L		Completed	3/30/2021 12:13:33 AM	24
23	Unknown	NPOC	21C0330-03		NPOC 0.5 - 50 p	1.000	NPOC:0.8529mg/L		Completed	3/30/2021 12:38:59 AM	25
24	Unknown	NPOC	21C0330-05		NPOC 0.5 - 50 p	1.000	NPOC:0.5509mg/L		Completed	3/30/2021 1:04:16 AM	26
25	Unknown	NPOC	21C0330-07		NPOC 0.5 - 50 p	1.000	NPOC:0.4007mg/L		Completed	3/30/2021 1:21:58 AM	27
26	Unknown	NPOC	21C0330-09		NPOC 0.5 - 50 p	1.000	NPOC:0.2686mg/L		Completed	3/30/2021 1:43:21 AM	28
27	Control	NPOC	SEQ-CCV2	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.11ppm	Control valu	Completed	3/30/2021 2:01:39 AM	3
28	Control	NPOC	SEQ-CCB2		ICB CCB.tpl	1.000	NPOC:0.1293mg/L	Control valu	Completed	3/30/2021 2:25:27 AM	4
29	Unknown	NPOC	BJC0715-DUP1		NPOC 0.5 - 50 p	1.000	NPOC:0.2955mg/L		Completed	3/30/2021 2:47:05 AM	29
30	Unknown	NPOC	BJC0715-MS1		NPOC 0.5 - 50 p	1.000	NPOC:19.10mg/L		Completed	3/30/2021 3:05:34 AM	30
31	Unknown	NPOC	BJC0715-MSD1		NPOC 0.5 - 50 p	1.000	NPOC:19.38mg/L		Completed	3/30/2021 3:28:20 AM	31
32	Unknown	NPOC	21C0330-11		NPOC 0.5 - 50 p	1.000	NPOC:1.966mg/L		Completed	3/30/2021 3:47:07 AM	32
33	Unknown	NPOC	21C0331-01		NPOC 0.5 - 50 p	1.000	NPOC:782.2mg/L		Completed	3/30/2021 4:18:21 AM	33
34	Unknown	NPOC	BJC0735-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.7240mg/L		Completed	3/30/2021 4:43:46 AM	34
35	Unknown	NPOC	BJC0735-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.1610mg/L		Completed	3/30/2021 5:08:54 AM	35
36	Unknown	NPOC	BJC0735-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.67mg/L		Completed	3/30/2021 5:27:37 AM	36
37	Unknown	NPOC	21C0359-01		NPOC 0.5 - 50 p	1.000	NPOC:499.2mg/L		Completed	3/30/2021 5:53:31 AM	37
38	Unknown	NPOC	BJC0735-DUP1		NPOC 0.5 - 50 p	1.000	NPOC:506.7mg/L		Completed	3/30/2021 6:19:23 AM	38
39	Control	NPOC	SEQ-CCV3	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.23ppm	Control valu	Completed	3/30/2021 6:38:13 AM	5
40	Control	NPOC	SEQ-CCB3		ICB CCB.tpl	1.000	NPOC:0.2836mg/L	Control valu	Completed	3/30/2021 7:02:16 AM	6

	Type	Analysis	Sample Name	Sample ID	Origin	Manua	Result	Notes	Status	Date / Time	Vial
41	Unknown	NPOC	BJC0735-MS1		NPOC 0.5 - 50 p	1.000	NPOC:657.3mg/L		Completed	3/30/2021 7:28:21 AM	39
42	Control	NPOC	SEQ-CCV4	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.04ppm	Control valu	Completed	3/30/2021 7:47:23 AM	5
43	Control	NPOC	SEQ-CCB4		ICB CCB.tpl	1.000	NPOC:0.2845mg/L	Control valu	Completed	3/30/2021 8:11:17 AM	6

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0207
Instrument: TOC-LCSH
Calibration: EC00089

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
1	SJF0207-ICV1	dzuData_06152021@155(	NA	06/10/21 15:46
1	SJF0207-ICB1	dzuData_06152021@155(	NA	06/10/21 16:03
1	SJF0207-IFA1	dzuData_06152021@155(	NA	06/10/21 16:28
MRL Check	BJF0261-MRL1	dzuData_06152021@155(	Water	06/10/21 16:54
Blank	BJF0261-BLK1	dzuData_06152021@155(	Water	06/10/21 17:11
LCS	BJF0261-BS1	dzuData_06152021@155(	Water	06/10/21 17:33
NRC-3SR-GW-060321	21F0123-01	dzuData_06152021@155(	Water	06/10/21 17:59
NRC-3SR-GW-060321	BJF0261-DUP1	dzuData_06152021@155(	Water	06/10/21 18:16
NRC-3SR-GW-060321	BJF0261-MS1	dzuData_06152021@155(	Water	06/10/21 18:35
NRC-3SR-GW-060321	BJF0261-MSD1	dzuData_06152021@155(	Water	06/10/21 18:54
NRC-3IR-GW-060321	21F0123-02	dzuData_06152021@155(	Water	06/10/21 19:19
NRC-3DR-GW-060321	21F0123-03	dzuData_06152021@155(	Water	06/10/21 19:36
1	SJF0207-CCV1	dzuData_06152021@155(	NA	06/10/21 20:03
1	SJF0207-CCB1	dzuData_06152021@155(	NA	06/10/21 20:28
NRC-103DR-GW-060321	21F0123-04	dzuData_06152021@155(	Water	06/10/21 20:48
NRC-103SR-GW-060321	21F0123-06	dzuData_06152021@155(	Water	06/10/21 21:13
MW-01-GW-060321	21F0123-07	dzuData_06282021@100:	Water	06/10/21 21:32
MW-2-GW-060321	21F0123-08	dzuData_06152021@155(	Water	06/10/21 21:50
DS-16I-GW-060421	21F0123-09	dzuData_06152021@155(	Water	06/10/21 22:07
DS-16D-GW-060421	21F0123-10	dzuData_06152021@155(	Water	06/10/21 22:29
DS-16S-GW-060421	21F0123-11	dzuData_06152021@155(	Water	06/10/21 22:46
DS-15S-GW-060421	21F0123-12	dzuData_06152021@155(	Water	06/10/21 23:12
DS-15I-GW-060421	21F0123-13	dzuData_06152021@155(	Water	06/10/21 23:30
DS-18S-GW-060421	21F0123-14	dzuData_06152021@155(	Water	06/10/21 23:48
1	SJF0207-CCV2	dzuData_06152021@155(	NA	06/11/21 00:14
1	SJF0207-CCB2	dzuData_06152021@155(	NA	06/11/21 00:39
DS-18I-GW-060421	21F0123-15	dzuData_06152021@155(	Water	06/11/21 00:56
DS-18D-GW-060421	21F0123-16	dzuData_06152021@155(	Water	06/11/21 01:13
DS-17S-GW-060421	21F0123-17	dzuData_06152021@155(	Water	06/11/21 01:35
FieldBlank-1-GW-060421	21F0123-19	dzuData_06152021@155(	Water	06/11/21 01:57

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0207
Instrument: TOC-LCSH
Calibration: EC00089

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
MW-3-GW-060421	21F0123-21	dzuData_06152021@155(	Water	06/11/21 02:14
SG-7R-WP-060421	21F0123-22	dzuData_06152021@155(	Water	06/11/21 02:32
DS-12S-GW-060421	21F0123-23	dzuData_06152021@155(	Water	06/11/21 02:50
MRL Check	BJF0262-MRL1	dzuData_06152021@155(	Water	06/11/21 03:16
Blank	BJF0262-BLK1	dzuData_06152021@155(	Water	06/11/21 03:34
LCS	BJF0262-BS1	dzuData_06152021@155(	Water	06/11/21 03:52
1	SJF0207-CCV3	dzuData_06152021@155(	NA	06/11/21 04:11
1	SJF0207-CCB3	dzuData_06152021@155(	NA	06/11/21 04:32
DS-17I-GW-060421	21F0123-18	dzuData_06152021@155(	Water	06/11/21 04:53
DS-17I-GW-060421	BJF0262-DUP1	dzuData_06152021@155(	Water	06/11/21 05:14
DS-17I-GW-060421	BJF0262-MS1	dzuData_06152021@155(	Water	06/11/21 05:33
DS-17I-GW-060421	BJF0262-MSD1	dzuData_06152021@155(	Water	06/11/21 05:52
DS-12I-GW-060421	21F0123-24	dzuData_06152021@155(	Water	06/11/21 06:18
DS-12D-GW-060421	21F0123-25	dzuData_06152021@155(	Water	06/11/21 06:35
DS-13S-GW-060421	21F0123-26	dzuData_06152021@155(	Water	06/11/21 07:00
DS-13I-GW-060421	21F0123-27	dzuData_06152021@155(	Water	06/11/21 07:18
DS-13D-GW-060421	21F0123-28	dzuData_06152021@155(	Water	06/11/21 07:36
HBKG-2-GW-060421	21F0123-29	dzuData_06152021@155(	Water	06/11/21 07:53
1	SJF0207-CCV4	dzuData_06152021@155(	NA	06/11/21 08:12
1	SJF0207-CCB4	dzuData_06152021@155(	NA	06/11/21 08:36
US-1S-GW-060421	21F0123-30	dzuData_06152021@155(	Water	06/11/21 08:54
US-1I-GW-060421	21F0123-31	dzuData_06152021@155(	Water	06/11/21 09:19
US-1D-GW-060421	21F0123-32	dzuData_06152021@155(	Water	06/11/21 09:44
TP2-12D-GW-060521	21F0123-33	dzuData_06152021@155(	Water	06/11/21 10:02
TP2-12S-GW-060521	21F0123-34	dzuData_06152021@155(	Water	06/11/21 10:24
RC-6-SW-060521	21F0123-35	dzuData_06152021@155(	Water	06/11/21 10:49
RC-6-PW-6-060521	21F0123-37	dzuData_06152021@155(	Water	06/11/21 11:11
RC-6-PW-12-060521	21F0123-38	dzuData_06152021@155(	Water	06/11/21 11:41
RC-6-WP-36-060521	21F0123-39	dzuData_06152021@155(	Water	06/11/21 12:06
RC-1-SW-060521	21F0123-40	dzuData_06152021@155(	Water	06/11/21 12:32

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0207	Instrument:	TOC-LCSH
		Calibration:	EC00089

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
1	SJF0207-CCV5	dzuData_06152021@155(	NA	06/11/21 12:55
1	SJF0207-CCB5	dzuData_06152021@155(	NA	06/11/21 13:20
1	SJF0207-CCV6	dzuData_06152021@155(	NA	06/11/21 14:42
1	SJF0207-CCB6	dzuData_06152021@155(	NA	06/11/21 15:07

TOC-Control L Report

RMS
2021_06_10_001.tlx

Instr.Information

Instrument Options: TOC/ASI/IC Unit/
Catalyst: Regular Sensitivity

Sample

Sample Name: Rinse
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status: Completed
Chk. Result:

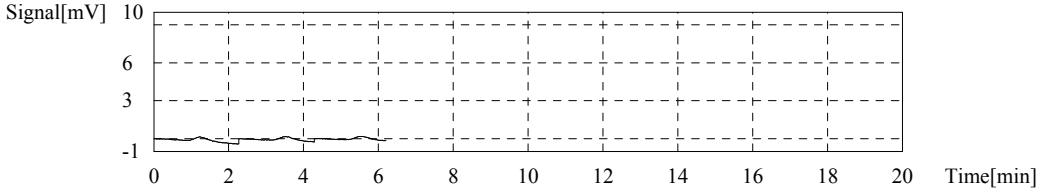
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.07700mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.7818	0.07689mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 3:29:12 PM
2	0.8493	0.08353mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 3:32:26 PM
3	0.7175	0.07057mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 3:35:50 PM

Mean Area 0.7829
Mean Conc. 0.07700mg/L



Control Sample

Sample Name: SEQ-ICV1
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status: Completed
Chk. Result: Control value: 19.90 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

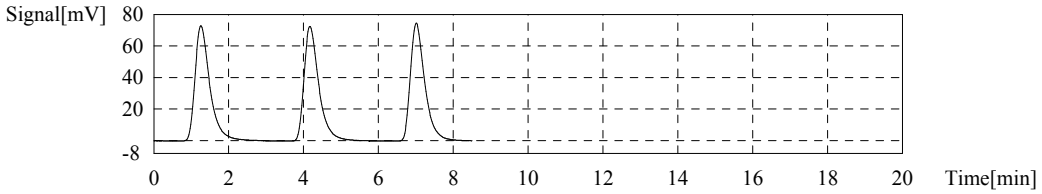
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.90ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.3	20.01ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 3:46:28 PM
2	200.9	19.78ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 3:50:17 PM
3	202.1	19.90ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 3:54:00 PM

Mean Area 202.1
Mean Conc. 19.90ppm



Control Sample

Sample Name: SEQ-ICB1
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1646 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

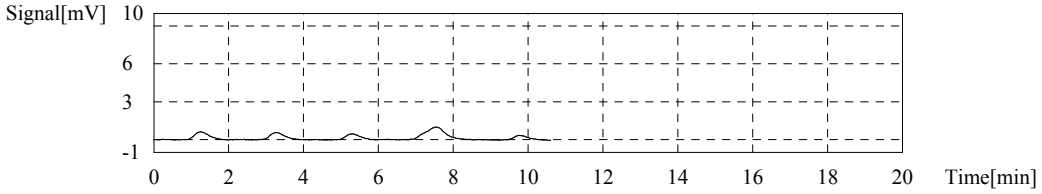
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1646mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.701	0.1852mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:03:54 PM
2	1.537	0.1691mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:07:24 PM
3	1.236	0.1395mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:10:50 PM
4	3.856	0.3971mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:14:56 PM
5	1.017	0.1179mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:17:59 PM

Mean Area 1.491
Mean Conc. 0.1646mg/L



Sample

Sample Name: SEQ-IFA1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

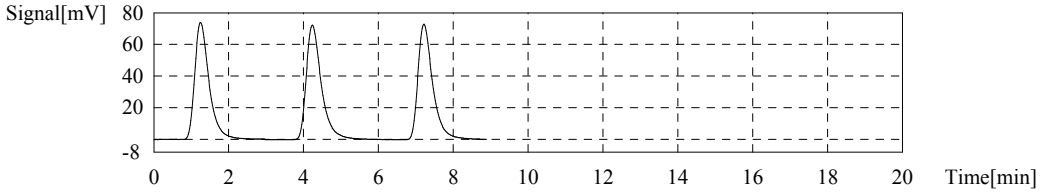
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.90mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	199.9	19.66mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:28:42 PM
2	205.2	20.18mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:32:41 PM
3	201.9	19.86mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:36:35 PM

Mean Area 202.3
Mean Conc. 19.90mg/L



Sample

Sample Name: BJF0261-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

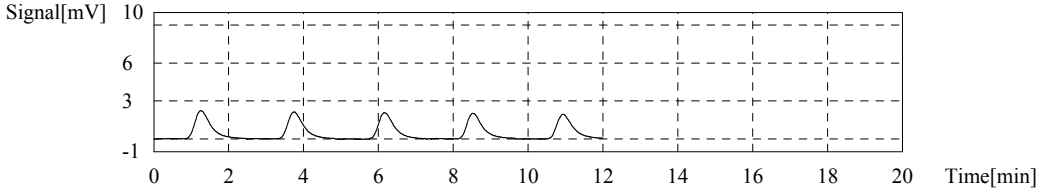
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5850mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.686	0.6576mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:46:57 PM
2	6.450	0.6344mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:50:40 PM
3	6.170	0.6068mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:54:24 PM
4	5.897	0.5800mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 4:58:14 PM
5	5.777	0.5682mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:01:56 PM

Mean Area 5.948
Mean Conc. 0.5850mg/L



Sample

Sample Name: BJF0261-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

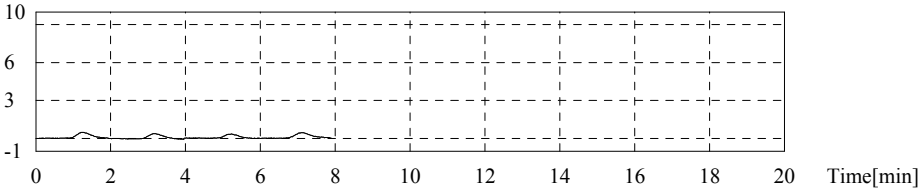
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1206mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.212	0.1192mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:11:34 PM
2	1.216	0.1196mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:15:26 PM
3	0.8280	0.08144mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:19:06 PM
4	1.250	0.1229mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:23:01 PM

Mean Area 1.226
Mean Conc. 0.1206mg/L



Sample

Sample Name: BJF0261-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

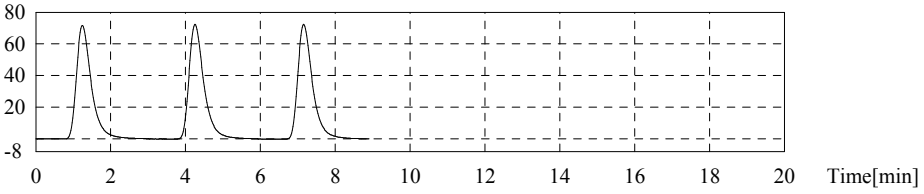
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.83mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	201.1	19.78mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:33:43 PM
2	202.7	19.94mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:37:37 PM
3	201.0	19.77mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:41:35 PM

Mean Area 201.6
Mean Conc. 19.83mg/L



Sample

Sample Name: 21F0123-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

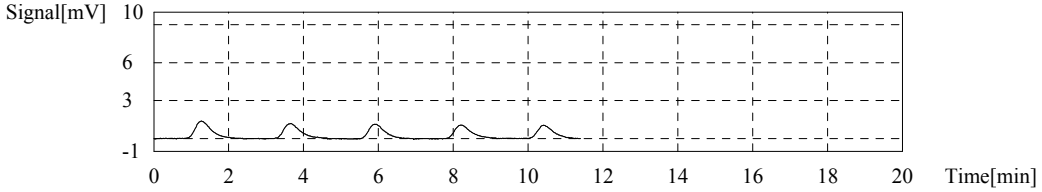
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3230mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.290	0.4219mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:51:50 PM
2	3.658	0.3598mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:55:31 PM
3	3.436	0.3379mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 5:59:20 PM
4	3.295	0.3241mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:03:02 PM
5	3.122	0.3071mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:06:51 PM

Mean Area 3.284
Mean Conc. 0.3230mg/L



Sample

Sample Name: BJF0261-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

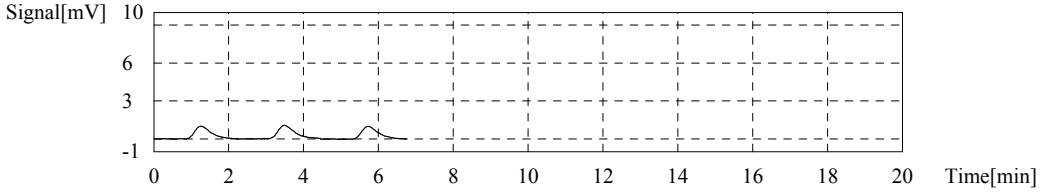
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3055mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.071	0.3020mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:16:46 PM
2	3.129	0.3077mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:20:34 PM
3	3.119	0.3068mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:24:26 PM

Mean Area 3.106
Mean Conc. 0.3055mg/L



Sample

Sample Name: BJF0261-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

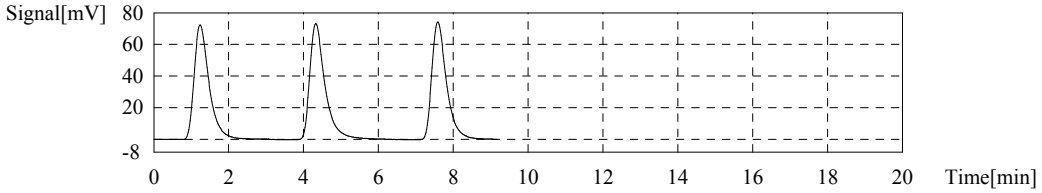
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:20.30mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.7	20.03mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:35:13 PM
2	210.6	20.71mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:39:28 PM
3	205.0	20.16mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:43:15 PM

Mean Area 206.4
Mean Conc. 20.30mg/L



Sample

Sample Name: BJF0261-MSD1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

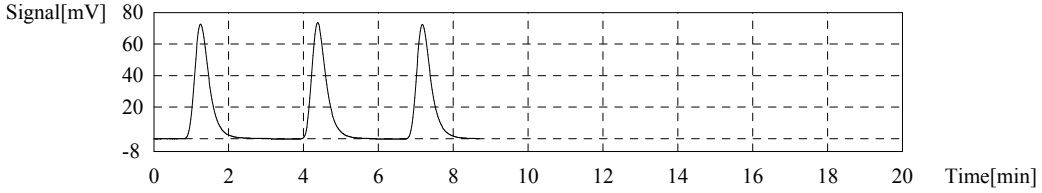
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.93mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	202.4	19.91mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:54:16 PM
2	203.4	20.01mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 6:58:03 PM
3	202.2	19.89mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:01:48 PM

Mean Area 202.7
Mean Conc. 19.93mg/L



Sample

Sample Name: 21F0123-02
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

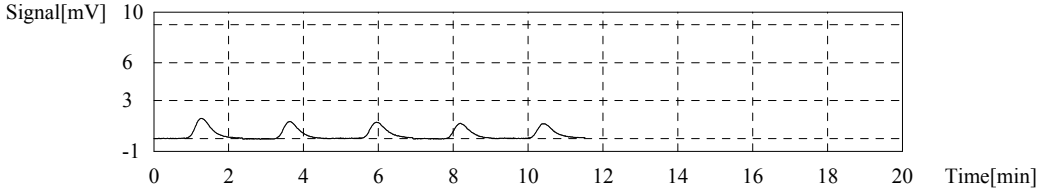
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3585mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.706	0.4628mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:11:55 PM
2	4.083	0.4016mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:15:39 PM
3	3.758	0.3696mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:19:21 PM
4	3.600	0.3541mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:23:08 PM
5	3.577	0.3518mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:27:03 PM

Mean Area 3.645
Mean Conc. 0.3585mg/L



Sample

Sample Name: 21F0123-03
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

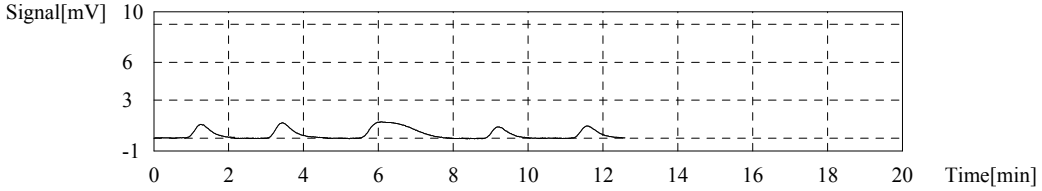
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2963mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.104	0.3053mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:36:54 PM
2	4.006	0.3940mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:41:01 PM
3	9.798	0.9637mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:45:37 PM
4	2.907	0.2859mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:48:57 PM
5	3.027	0.2977mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 7:52:40 PM

Mean Area 3.013
Mean Conc. 0.2963mg/L



Control Sample

Sample Name: SEQ-CCV1
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.31 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

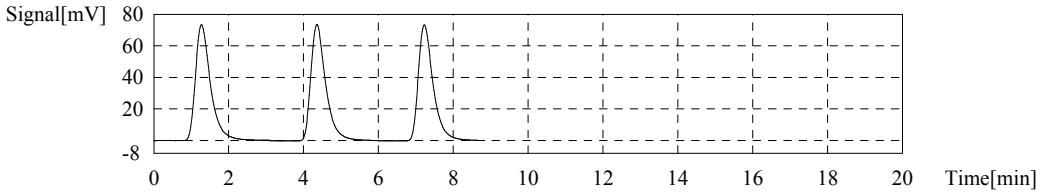
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.31ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	208.7	20.54ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:03:35 PM
2	205.8	20.26ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:07:27 PM
3	204.4	20.12ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:11:17 PM

Mean Area 206.3
Mean Conc. 20.31ppm



Control Sample

Sample Name: SEQ-CCB1
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1325 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

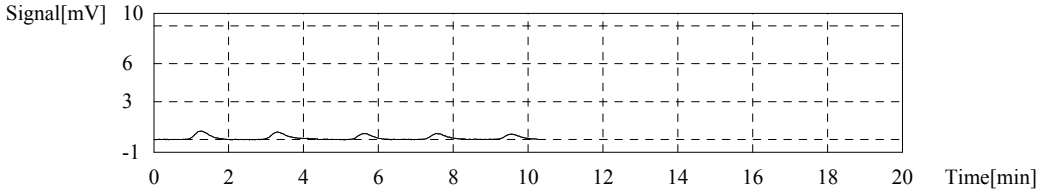
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1325mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.769	0.1919mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:21:12 PM
2	1.679	0.1830mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:24:58 PM
3	1.260	0.1418mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:28:06 PM
4	1.189	0.1348mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:31:39 PM
5	1.048	0.1210mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:35:06 PM

Mean Area 1.166
Mean Conc. 0.1325mg/L



Sample

Sample Name: 21F0123-04
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

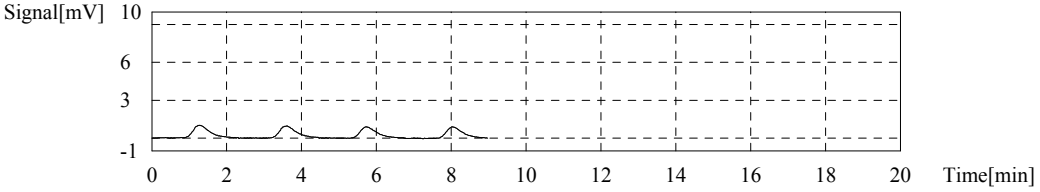
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2762mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.048	0.2998mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:45:16 PM
2	2.851	0.2804mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:48:52 PM
3	2.850	0.2803mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:52:48 PM
4	2.724	0.2679mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 8:56:30 PM

Mean Area 2.808
Mean Conc. 0.2762mg/L



Sample

Sample Name: 21F0123-06
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

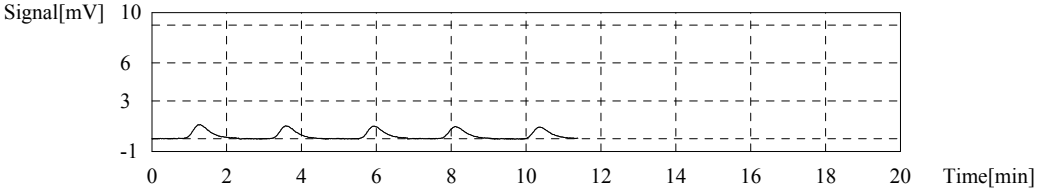
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2905mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.407	0.3351mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:06:30 PM
2	3.210	0.3157mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:10:19 PM
3	2.931	0.2883mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:13:55 PM
4	2.959	0.2910mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:17:47 PM
5	2.971	0.2922mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:21:37 PM

Mean Area 2.954
Mean Conc. 0.2905mg/L



Sample

Sample Name: 21F0123-07
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

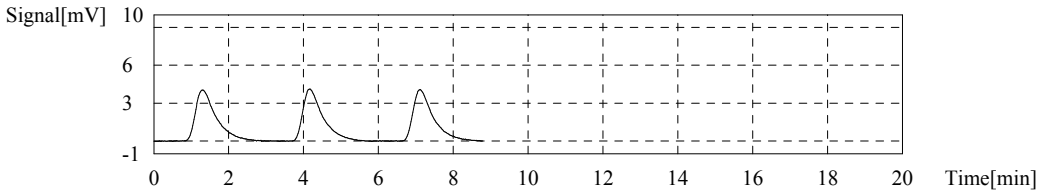
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:1.528mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	15.52	1.526mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:32:11 PM
2	15.60	1.534mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:36:07 PM
3	15.49	1.523mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:40:04 PM

Mean Area 15.54
Mean Conc. 1.528mg/L



Sample

Sample Name: 21F0123-08
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

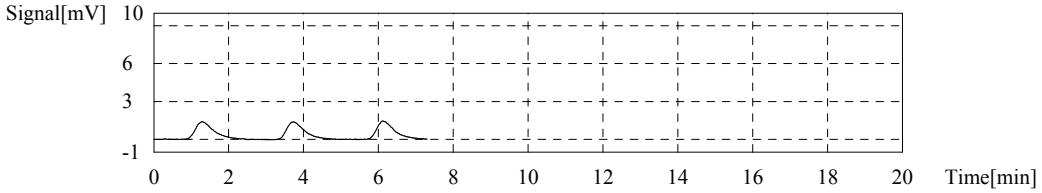
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4644mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.730	0.4652mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:50:24 PM
2	4.686	0.4609mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:54:08 PM
3	4.749	0.4671mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 9:57:58 PM

Mean Area 4.722
Mean Conc. 0.4644mg/L



Sample

Sample Name: 21F0123-09
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

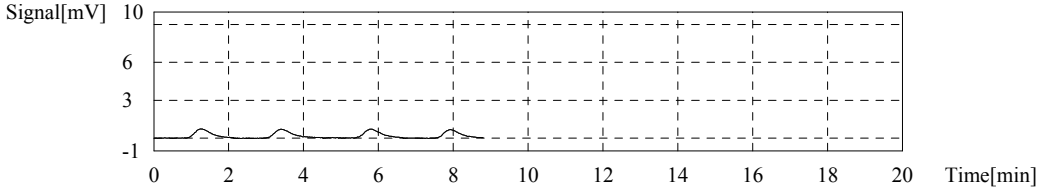
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2021mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.127	0.2092mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:07:48 PM
2	2.347	0.2308mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:11:50 PM
3	2.051	0.2017mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:15:23 PM
4	1.987	0.1954mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:19:11 PM

Mean Area 2.055
Mean Conc. 0.2021mg/L



Sample

Sample Name: 21F0123-10
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

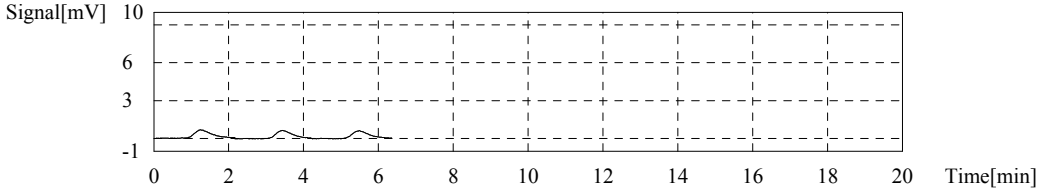
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1848mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.953	0.1921mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:29:04 PM
2	1.811	0.1781mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:32:43 PM
3	1.872	0.1841mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:36:37 PM

Mean Area 1.879
Mean Conc. 0.1848mg/L



Sample

Sample Name: 21F0123-11
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

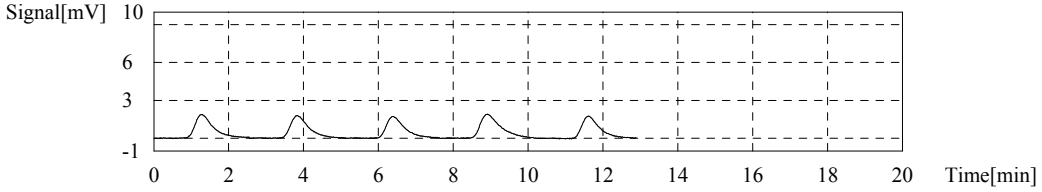
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5935mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.022	0.5923mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:46:53 PM
2	6.155	0.6054mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:50:41 PM
3	5.700	0.5606mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:54:24 PM
4	7.250	0.7131mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 10:58:24 PM
5	5.925	0.5827mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:02:01 PM

Mean Area 6.034
Mean Conc. 0.5935mg/L



Sample

Sample Name: 21F0123-12
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

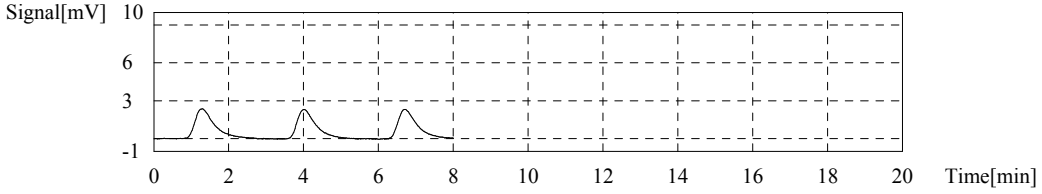
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.8164mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.404	0.8266mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:12:44 PM
2	8.228	0.8092mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:16:28 PM
3	8.270	0.8134mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:20:09 PM

Mean Area 8.301
Mean Conc. 0.8164mg/L



Sample

Sample Name: 21F0123-13
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

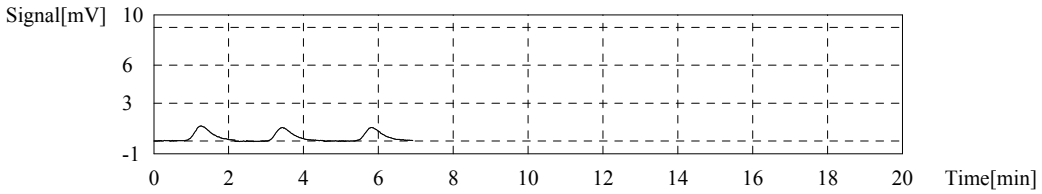
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3438mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.514	0.3456mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:30:16 PM
2	3.455	0.3398mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:34:16 PM
3	3.518	0.3460mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:38:02 PM

Mean Area 3.496
Mean Conc. 0.3438mg/L



Sample

Sample Name: 21F0123-14
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

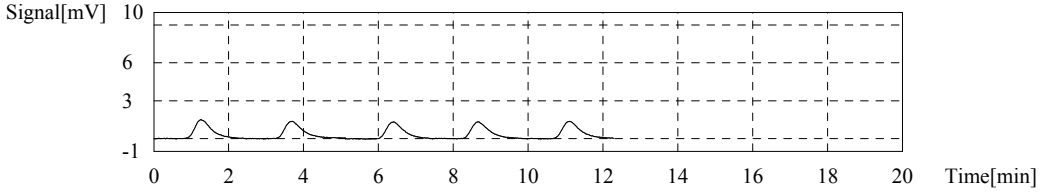
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4553mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.668	0.4591mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:48:10 PM
2	4.668	0.4591mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:52:16 PM
3	4.218	0.4149mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:55:36 PM
4	4.363	0.4291mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/10/2021 11:59:33 PM
5	4.551	0.4476mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:03:22 AM

Mean Area 4.629
Mean Conc. 0.4553mg/L



Control Sample

Sample Name: SEQ-CCV2
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.08 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

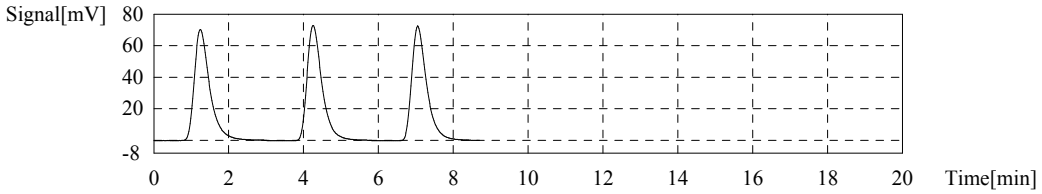
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.08ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.7	20.05ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:14:37 AM
2	204.2	20.10ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:18:25 AM
3	204.0	20.08ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:22:18 AM

Mean Area 204.0
Mean Conc. 20.08ppm



Control Sample

Sample Name: SEQ-CCB2
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1222 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

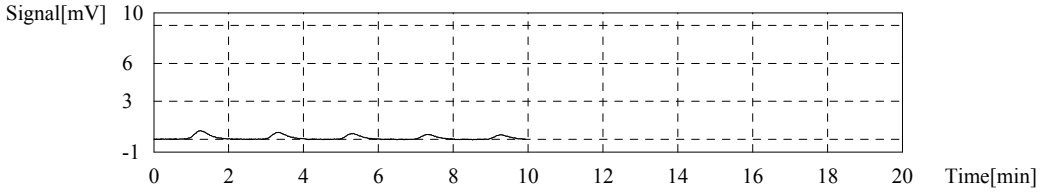
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1222mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.733	0.1883mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:32:17 AM
2	1.491	0.1645mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:35:41 AM
3	1.160	0.1320mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:39:13 AM
4	1.059	0.1221mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:42:39 AM
5	0.9631	0.1126mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:46:06 AM

Mean Area 1.061
Mean Conc. 0.1222mg/L



Sample

Sample Name: 21F0123-15
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

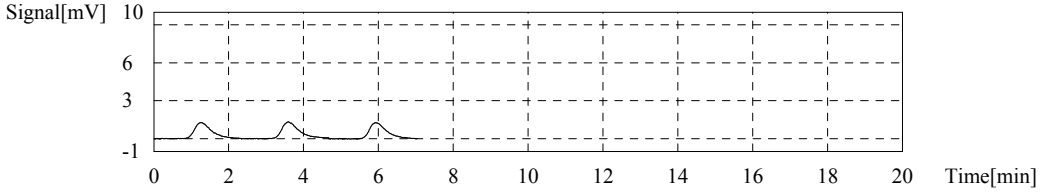
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3975mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.991	0.3925mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:56:24 AM
2	3.987	0.3921mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:00:11 AM
3	4.146	0.4078mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:04:00 AM

Mean Area 4.041
Mean Conc. 0.3975mg/L



Sample

Sample Name: 21F0123-16
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

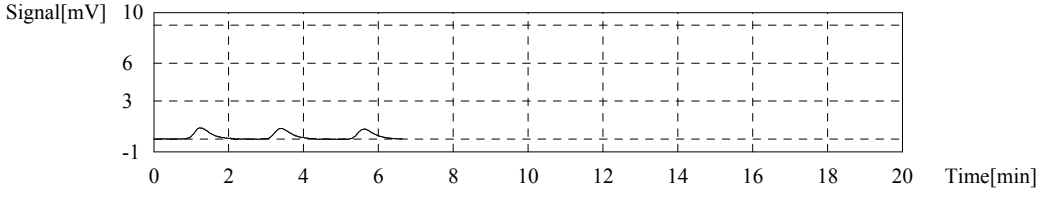
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2443mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.528	0.2486mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:13:53 AM
2	2.489	0.2448mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:17:43 AM
3	2.436	0.2396mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:21:34 AM

Mean Area 2.484
Mean Conc. 0.2443mg/L



Sample

Sample Name: 21F0123-17
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

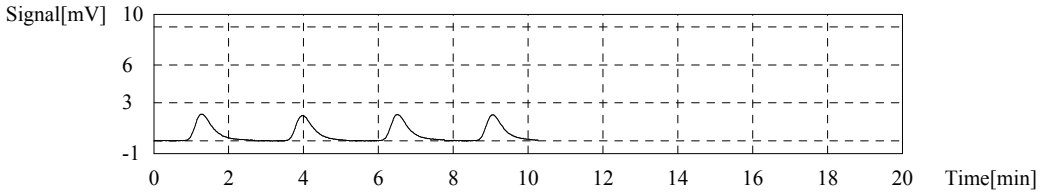
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6628mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.194	0.7076mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:31:58 AM
2	6.735	0.6624mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:35:36 AM
3	6.772	0.6660mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:39:24 AM
4	6.710	0.6599mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:43:08 AM

Mean Area 6.739
Mean Conc. 0.6628mg/L



Sample

Sample Name: 21F0123-19
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

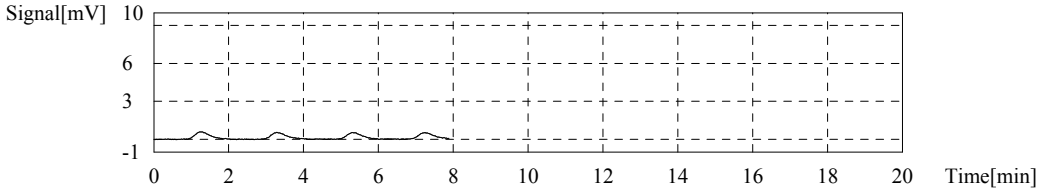
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1359mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.612	0.1585mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:53:21 AM
2	1.453	0.1429mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:57:08 AM
3	1.386	0.1363mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:00:48 AM
4	1.306	0.1284mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:04:34 AM

Mean Area 1.382
Mean Conc. 0.1359mg/L



Sample

Sample Name: 21F0123-21
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

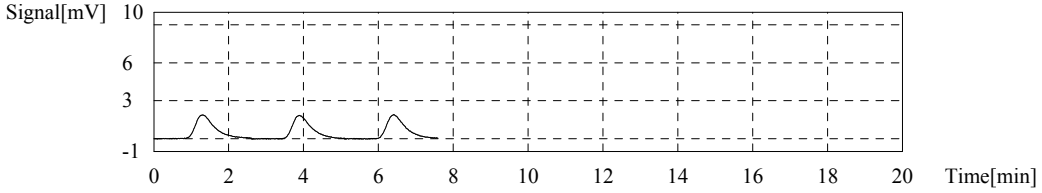
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6423mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.598	0.6489mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:14:53 AM
2	6.488	0.6381mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:18:34 AM
3	6.505	0.6398mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:22:20 AM

Mean Area 6.530
Mean Conc. 0.6423mg/L



Sample

Sample Name: 21F0123-22
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

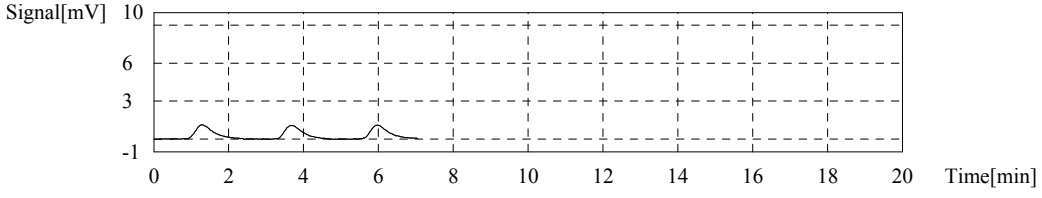
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3527mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.683	0.3622mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:32:55 AM
2	3.513	0.3455mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:36:37 AM
3	3.561	0.3502mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:40:28 AM

Mean Area 3.586
Mean Conc. 0.3527mg/L



Sample

Sample Name: 21F0123-23
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

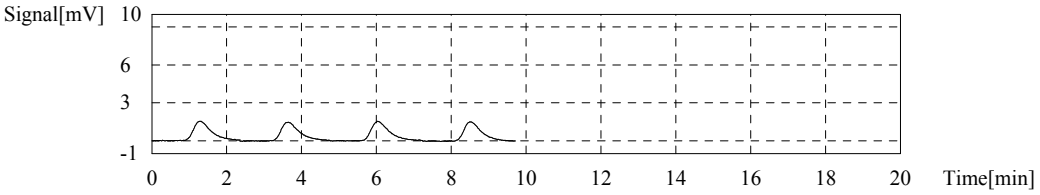
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4878mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.998	0.4916mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:50:32 AM
2	4.887	0.4807mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:54:22 AM
3	5.112	0.5028mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:58:14 AM
4	4.993	0.4911mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:02:01 AM

Mean Area 4.959
Mean Conc. 0.4878mg/L



Sample

Sample Name: BJF0262-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

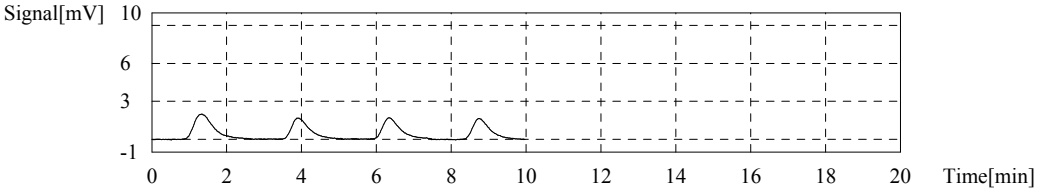
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5300mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.200	0.7081mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:12:51 AM
2	5.495	0.5404mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:16:26 AM
3	5.291	0.5204mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:20:11 AM
4	5.381	0.5292mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:24:04 AM

Mean Area 5.389
Mean Conc. 0.5300mg/L



Sample

Sample Name: BJF0262-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

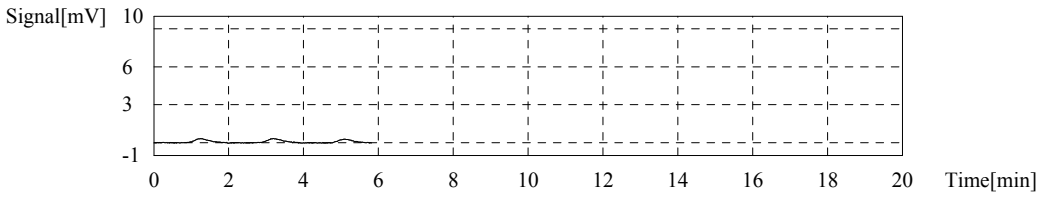
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.07889mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.7937	0.07806mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:34:12 AM
2	0.8163	0.08029mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:37:56 AM
3	0.7963	0.07832mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:41:47 AM

Mean Area 0.8021
Mean Conc. 0.07889mg/L



Sample

Sample Name: BJF0262-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

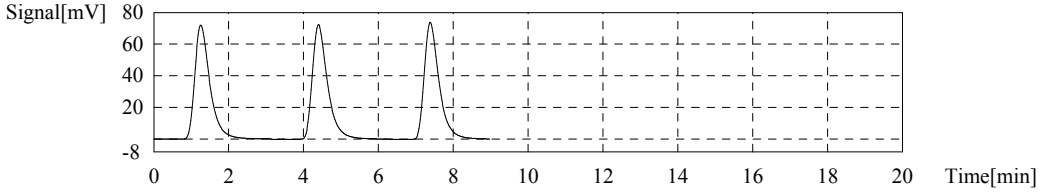
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:20.27mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	205.2	20.18mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:52:38 AM
2	207.0	20.36mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:56:37 AM
3	206.0	20.26mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:00:26 AM

Mean Area 206.1
Mean Conc. 20.27mg/L



Control Sample

Sample Name: SEQ-CCV3
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.26 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

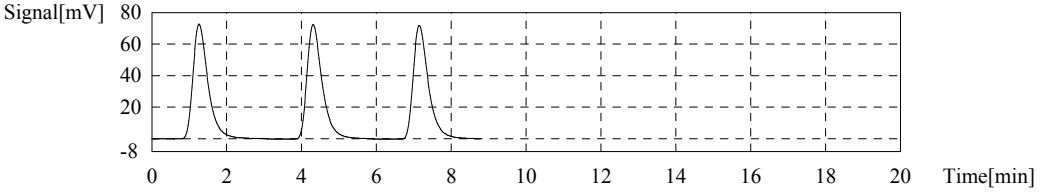
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.26ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	206.1	20.29ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:11:32 AM
2	206.2	20.30ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:15:22 AM
3	205.2	20.20ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:19:14 AM

Mean Area 205.8
Mean Conc. 20.26ppm



Control Sample

Sample Name: SEQ-CCB3
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1790 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

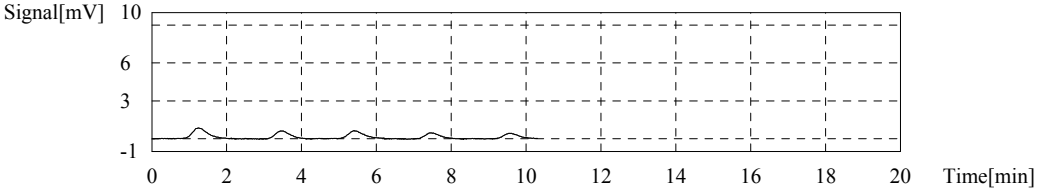
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1790mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.331	0.2472mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:29:20 AM
2	1.788	0.1937mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:32:34 AM
3	1.732	0.1882mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:36:10 AM
4	1.395	0.1551mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:39:43 AM
5	1.191	0.1350mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:43:06 AM

Mean Area 1.638
Mean Conc. 0.1790mg/L



Sample

Sample Name: 21F0123-18
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

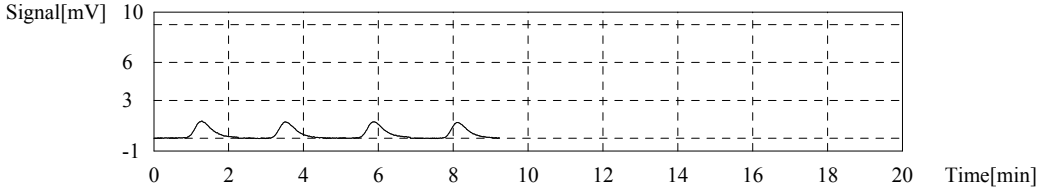
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3836mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.943	0.3878mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:53:09 AM
2	4.154	0.4086mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 4:57:02 AM
3	3.873	0.3809mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:00:43 AM
4	3.886	0.3822mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:04:38 AM

Mean Area 3.901
Mean Conc. 0.3836mg/L



Sample

Sample Name: BJF0262-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

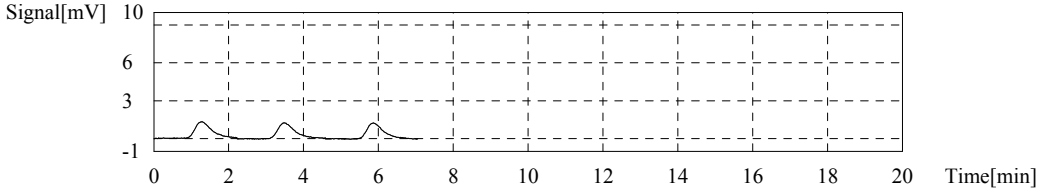
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3899mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.905	0.3841mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:14:35 AM
2	3.984	0.3918mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:18:30 AM
3	4.003	0.3937mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:22:23 AM

Mean Area 3.964
Mean Conc. 0.3899mg/L



Sample

Sample Name: BJF0262-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

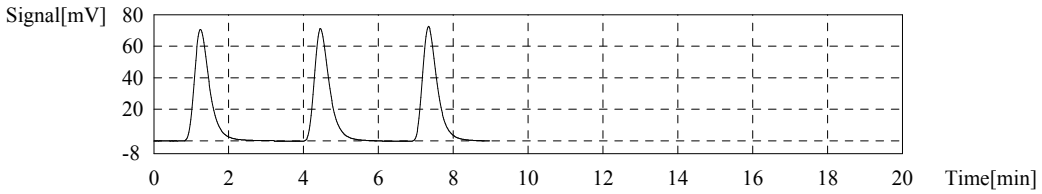
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.91mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	202.4	19.91mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:33:49 AM
2	202.7	19.94mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:37:42 AM
3	202.2	19.89mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:41:34 AM

Mean Area 202.4
Mean Conc. 19.91mg/L



Sample

Sample Name: BJF0262-MSD1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

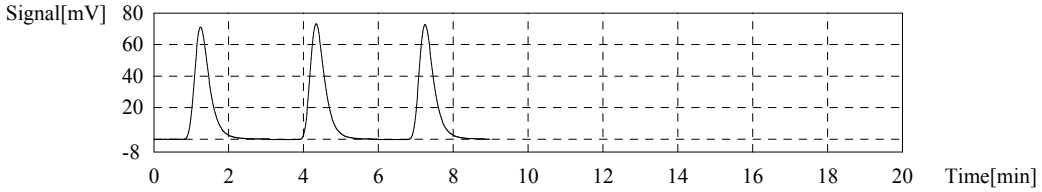
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:20.28mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.8	20.04mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:52:35 AM
2	207.1	20.37mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 5:56:29 AM
3	207.8	20.44mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:00:27 AM

Mean Area 206.2
Mean Conc. 20.28mg/L



Sample

Sample Name: 21F0123-24
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

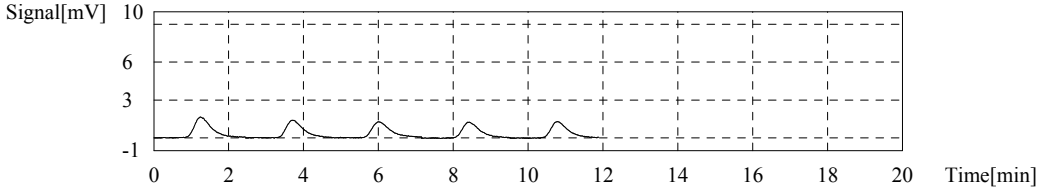
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3984mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.133	0.5048mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:10:49 AM
2	4.337	0.4266mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:14:26 AM
3	4.080	0.4013mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:18:21 AM
4	4.024	0.3958mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:22:05 AM
5	4.049	0.3982mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:25:52 AM

Mean Area 4.051
Mean Conc. 0.3984mg/L



Sample

Sample Name: 21F0123-25
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

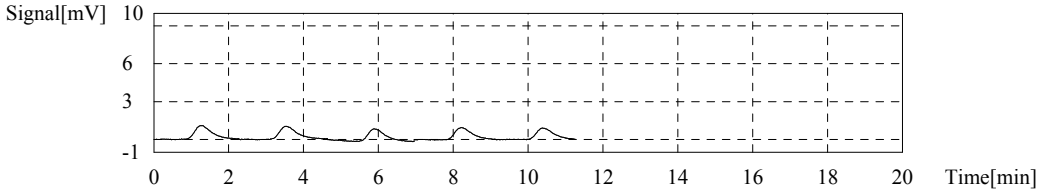
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3220mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.421	0.3365mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:35:53 AM
2	3.263	0.3209mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:39:46 AM
3	3.137	0.3085mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:43:30 AM
4	2.960	0.2911mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:47:09 AM
5	2.794	0.2748mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 6:50:52 AM

Mean Area 3.274
Mean Conc. 0.3220mg/L



Sample

Sample Name: 21F0123-26
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

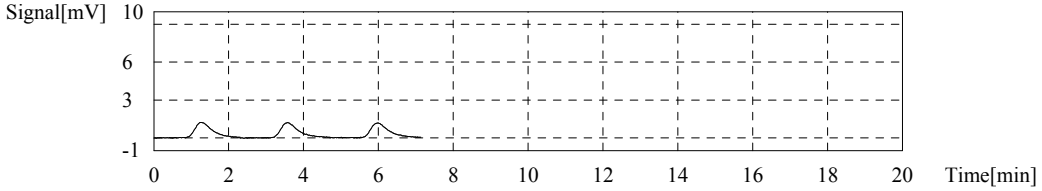
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3738mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.727	0.3666mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:00:54 AM
2	3.833	0.3770mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:04:47 AM
3	3.843	0.3780mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:08:36 AM

Mean Area 3.801
Mean Conc. 0.3738mg/L



Sample

Sample Name: 21F0123-27
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

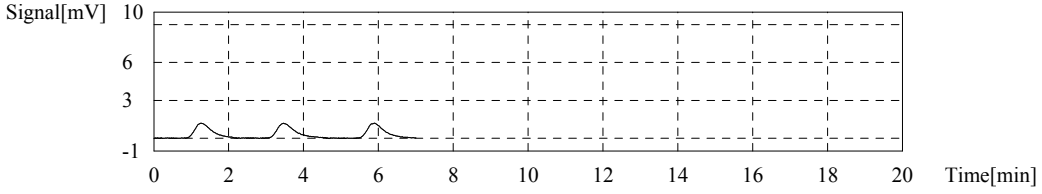
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3653mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.617	0.3557mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:18:32 AM
2	3.735	0.3673mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:22:31 AM
3	3.789	0.3727mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:26:18 AM

Mean Area 3.714
Mean Conc. 0.3653mg/L



Sample

Sample Name: 21F0123-28
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

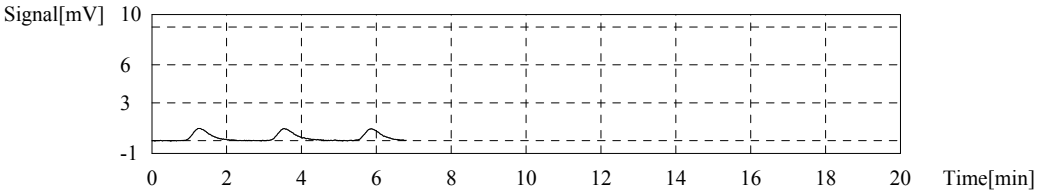
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2968mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.044	0.2994mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:36:19 AM
2	3.034	0.2984mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:40:09 AM
3	2.975	0.2926mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:43:50 AM

Mean Area 3.018
Mean Conc. 0.2968mg/L



Sample

Sample Name: 21F0123-29
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

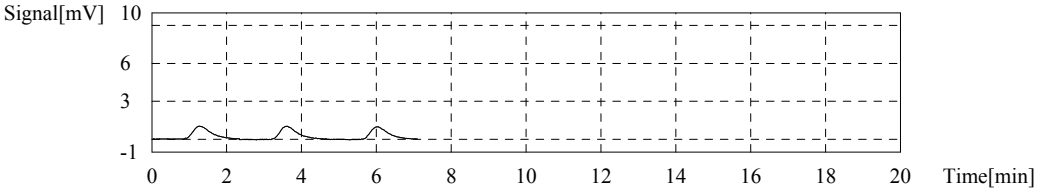
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3345mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.411	0.3355mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:53:55 AM
2	3.460	0.3403mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 7:57:47 AM
3	3.331	0.3276mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:01:30 AM

Mean Area 3.401
Mean Conc. 0.3345mg/L



Control Sample

Sample Name: SEQ-CCV4
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.25 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

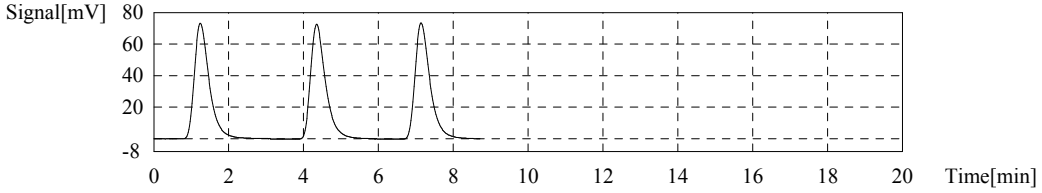
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.25ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	205.9	20.27ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:12:23 AM
2	204.2	20.10ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:16:10 AM
3	207.0	20.38ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:19:59 AM

Mean Area 205.7
Mean Conc. 20.25ppm



Control Sample

Sample Name: SEQ-CCB4
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1057 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

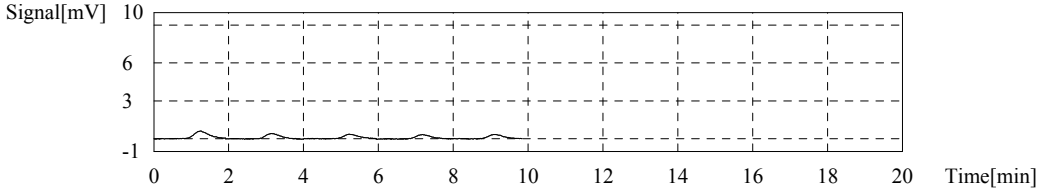
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1057mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.505	0.1659mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:29:48 AM
2	1.196	0.1355mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:33:28 AM
3	0.8904	0.1055mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:36:49 AM
4	0.8822	0.1047mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:40:19 AM
5	0.9067	0.1071mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:43:51 AM

Mean Area 0.8931
Mean Conc. 0.1057mg/L



Sample

Sample Name: 21F0123-30
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

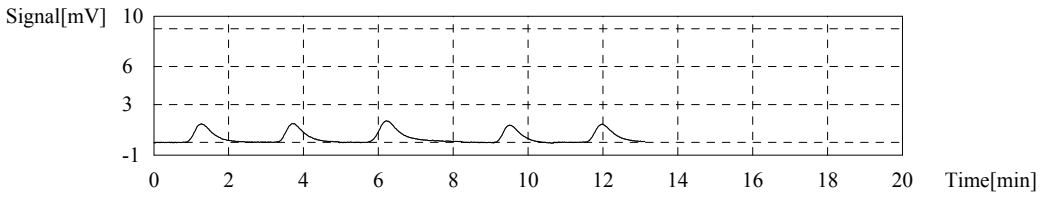
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4833mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.894	0.4813mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:54:15 AM
2	4.973	0.4891mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 8:58:07 AM
3	6.904	0.6790mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:02:39 AM
4	4.596	0.4520mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:06:06 AM
5	4.876	0.4796mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:09:51 AM

Mean Area 4.914
Mean Conc. 0.4833mg/L



Sample

Sample Name: 21F0123-31
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

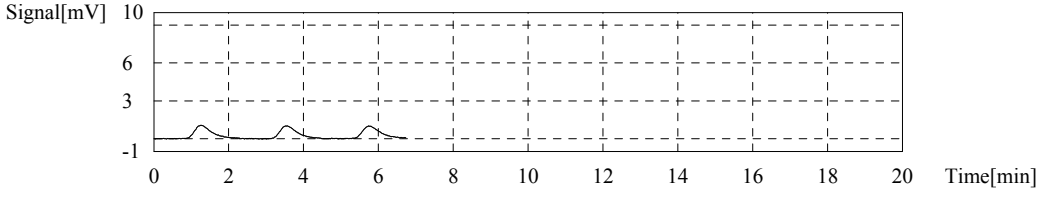
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3093mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.192	0.3139mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:19:53 AM
2	3.166	0.3114mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:23:35 AM
3	3.077	0.3026mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:27:25 AM

Mean Area 3.145
Mean Conc. 0.3093mg/L



Sample

Sample Name: 21F0123-32
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

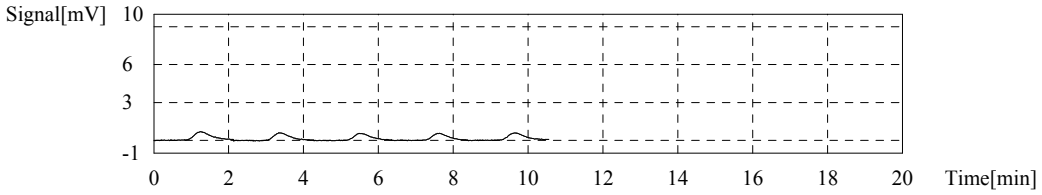
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1564mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.850	0.1820mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:37:17 AM
2	1.773	0.1744mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:41:06 AM
3	1.611	0.1584mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:44:49 AM
4	1.520	0.1495mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:48:33 AM
5	1.639	0.1612mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 9:52:28 AM

Mean Area 1.590
Mean Conc. 0.1564mg/L



Sample

Sample Name: 21F0123-33
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

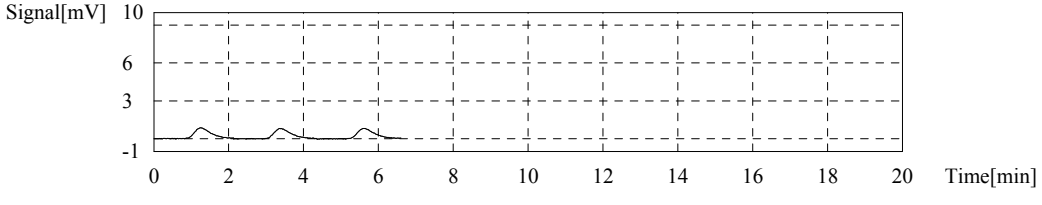
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2506mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.528	0.2486mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:02:22 AM
2	2.577	0.2535mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:06:14 AM
3	2.538	0.2496mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:10:03 AM

Mean Area 2.548
Mean Conc. 0.2506mg/L



Sample

Sample Name: 21F0123-34
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

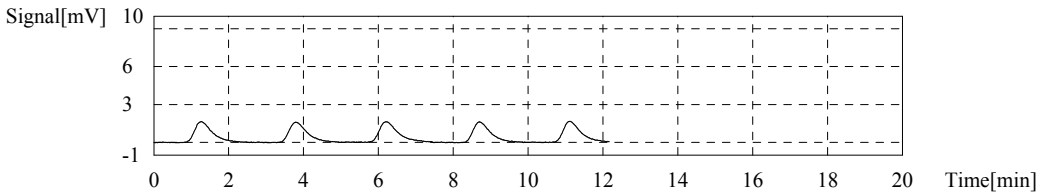
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5230mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.493	0.5403mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:20:19 AM
2	5.340	0.5252mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:24:00 AM
3	5.559	0.5467mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:27:52 AM
4	5.275	0.5188mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:31:34 AM
5	5.338	0.5250mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:35:15 AM

Mean Area 5.318
Mean Conc. 0.5230mg/L



Sample

Sample Name: 21F0123-35
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

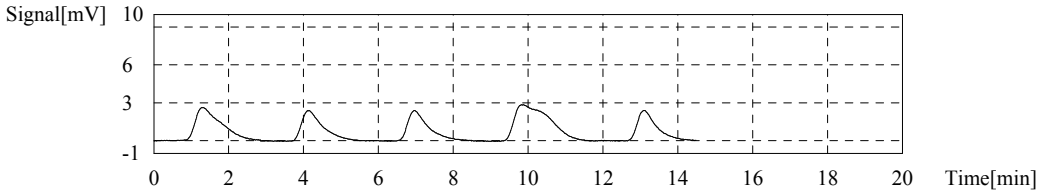
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.8989mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	12.30	1.210mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:45:51 AM
2	9.615	0.9457mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:49:40 AM
3	9.120	0.8970mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:53:28 AM
4	18.91	1.860mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 10:57:46 AM
5	8.684	0.8541mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:01:26 AM

Mean Area 9.140
Mean Conc. 0.8989mg/L



Sample

Sample Name: 21F0123-37
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

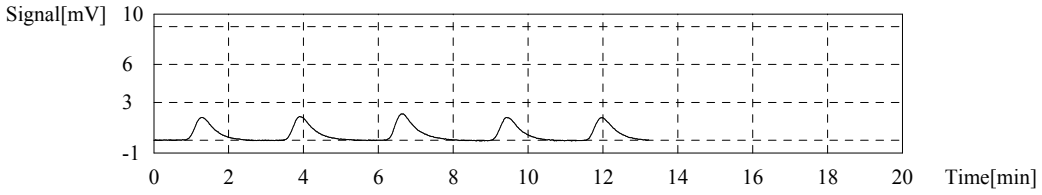
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6531mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.554	0.6446mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:11:56 AM
2	7.104	0.6987mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:15:50 AM
3	7.972	0.7841mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:19:41 AM
4	6.703	0.6593mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:23:13 AM
5	6.663	0.6553mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:26:59 AM

Mean Area 6.640
Mean Conc. 0.6531mg/L



Sample

Sample Name: 21F0123-38
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

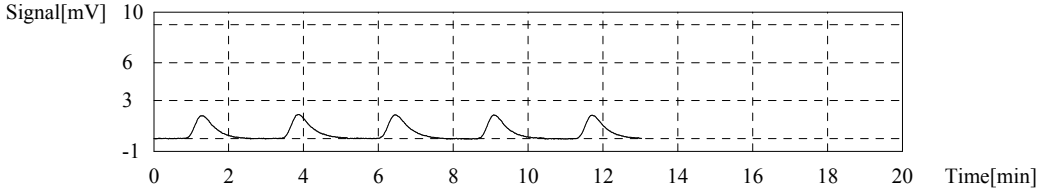
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6676mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.518	0.6411mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:37:36 AM
2	6.838	0.6725mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:41:23 AM
3	7.141	0.7023mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:45:14 AM
4	6.698	0.6588mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:48:59 AM
5	6.826	0.6714mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 11:52:45 AM

Mean Area 6.787
Mean Conc. 0.6676mg/L



Sample

Sample Name: 21F0123-39
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

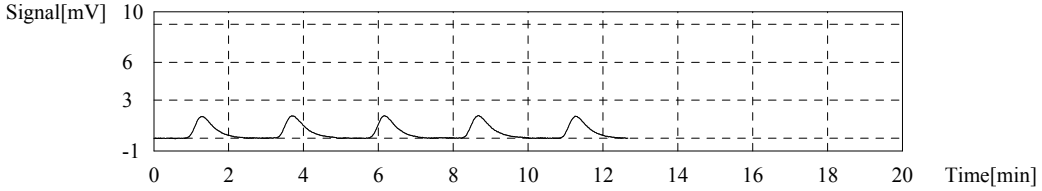
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6172mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.994	0.5895mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:03:08 PM
2	6.255	0.6152mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:06:58 PM
3	6.199	0.6097mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:10:47 PM
4	6.536	0.6428mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:14:41 PM
5	6.372	0.6267mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:18:31 PM

Mean Area 6.275
Mean Conc. 0.6172mg/L



Sample

Sample Name: 21F0123-40
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

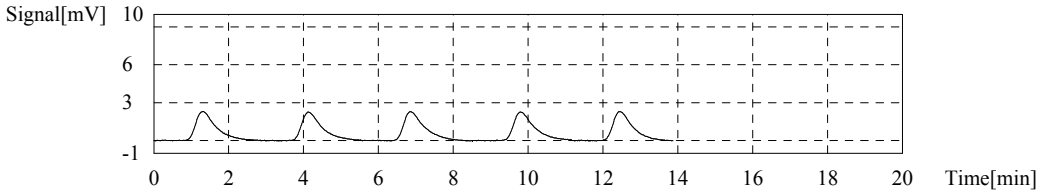
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.8298mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.813	0.8668mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:29:16 PM
2	8.422	0.8283mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:32:59 PM
3	9.164	0.9013mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:36:58 PM
4	8.483	0.8343mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:40:37 PM
5	8.407	0.8269mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:44:27 PM

Mean Area 8.437
Mean Conc. 0.8298mg/L



Control Sample

Sample Name: SEQ-CCV5
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.16 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

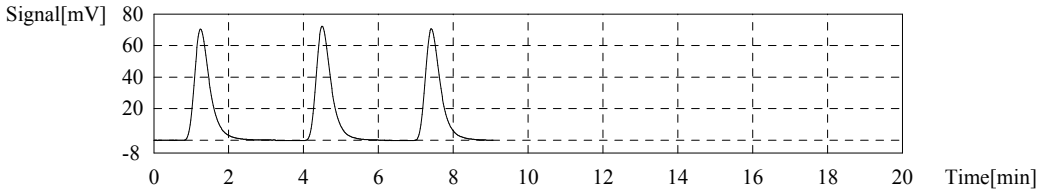
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.16ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	205.4	20.22ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:55:39 PM
2	205.4	20.22ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 12:59:34 PM
3	203.5	20.03ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:03:28 PM

Mean Area 204.8
Mean Conc. 20.16ppm



Control Sample

Sample Name: SEQ-CCB5
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1023 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

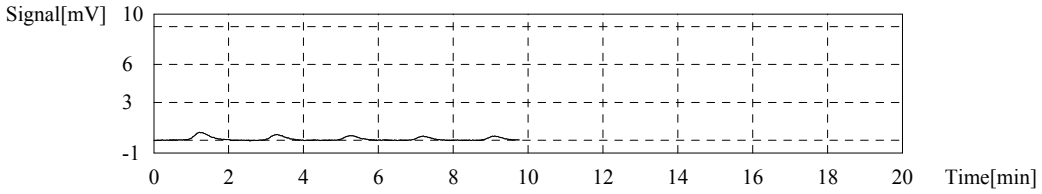
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1023mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.590	0.1743mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:13:24 PM
2	1.208	0.1367mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:16:50 PM
3	0.9637	0.1127mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:20:19 PM
4	0.7468	0.09134mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:23:46 PM
5	0.8648	0.1029mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:27:17 PM

Mean Area 0.8584
Mean Conc. 0.1023mg/L



Sample

Sample Name: 21F0130-45
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

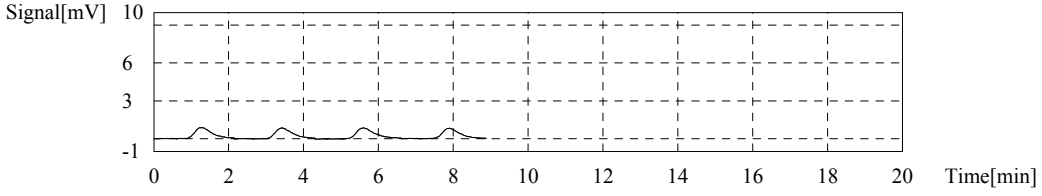
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2527mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.609	0.2566mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:37:19 PM
2	2.573	0.2531mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:41:06 PM
3	2.874	0.2827mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:45:03 PM
4	2.527	0.2485mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:48:47 PM

Mean Area 2.570
Mean Conc. 0.2527mg/L



Sample

Sample Name: 21F0130-46
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

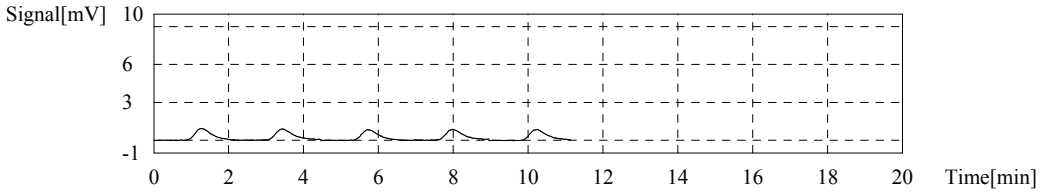
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2695mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.825	0.2778mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 1:58:43 PM
2	2.720	0.2675mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:02:38 PM
3	2.506	0.2465mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:06:22 PM
4	2.533	0.2491mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:10:08 PM
5	2.674	0.2630mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:13:52 PM

Mean Area 2.740
Mean Conc. 0.2695mg/L



Sample

Sample Name: 21F0130-47
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

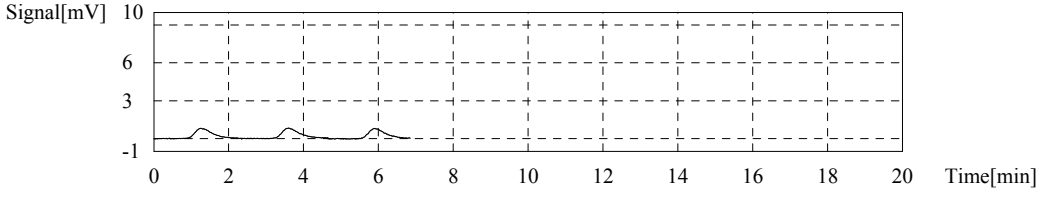
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2553mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.661	0.2617mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:23:57 PM
2	2.637	0.2594mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:27:43 PM
3	2.489	0.2448mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:31:23 PM

Mean Area 2.596
Mean Conc. 0.2553mg/L



Control Sample

Sample Name: SEQ-CCV6
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.11 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

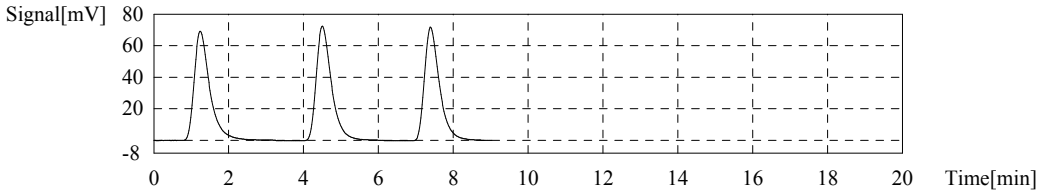
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.11ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.3	20.01ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:42:23 PM
2	206.7	20.35ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:46:17 PM
3	203.0	19.98ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 2:50:10 PM

Mean Area 204.3
Mean Conc. 20.11ppm



Control Sample

Sample Name: SEQ-CCB6
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1214 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

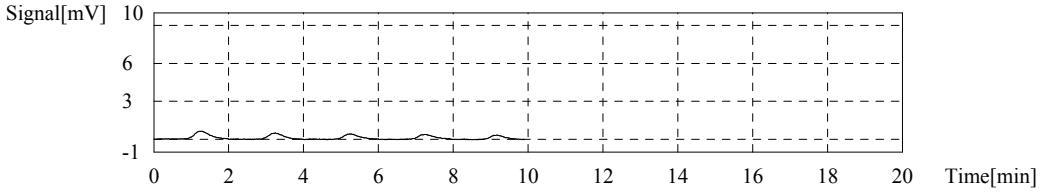
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1214mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.653	0.1805mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:00:03 PM
2	1.346	0.1503mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:03:35 PM
3	1.211	0.1370mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:07:04 PM
4	0.9540	0.1117mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:10:29 PM
5	0.9926	0.1155mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/11/2021 3:14:03 PM

Mean Area 1.053
Mean Conc. 0.1214mg/L



	Type	Analysis	Sample Name	Sample ID	Origin	Manua	Result	Notes	Status	Date / Time	Vial
1	Unknown	NPOC	Rinse		NPOC 0.5 - 50 p	1.000	NPOC:0.07700mg/L		Completed	6/10/2021 3:35:50 PM	0
2	Control	NPOC	SEQ-ICV1	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.90ppm	Control v	Completed	6/10/2021 3:54:00 PM	3
3	Control	NPOC	SEQ-ICB1		ICB CCB.tpl	1.000	NPOC:0.1646mg/L	Control v	Completed	6/10/2021 4:17:59 PM	4
4	Unknown	NPOC	SEQ-IFA1		NPOC 0.5 - 50 p	1.000	NPOC:19.90mg/L		Completed	6/10/2021 4:36:35 PM	9
5	Unknown	NPOC	BJF0261-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.5850mg/L		Completed	6/10/2021 5:01:56 PM	10
6	Unknown	NPOC	BJF0261-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.1206mg/L		Completed	6/10/2021 5:23:01 PM	11
7	Unknown	NPOC	BJF0261-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.83mg/L		Completed	6/10/2021 5:41:35 PM	12
8	Unknown	NPOC	21F0123-01		NPOC 0.5 - 50 p	1.000	NPOC:0.3230mg/L		Completed	6/10/2021 6:06:51 PM	13
9	Unknown	NPOC	BJF0261-DUP1		NPOC 0.5 - 50 p	1.000	NPOC:0.3055mg/L		Completed	6/10/2021 6:24:26 PM	14
10	Unknown	NPOC	BJF0261-MS1		NPOC 0.5 - 50 p	1.000	NPOC:20.30mg/L		Completed	6/10/2021 6:43:15 PM	15
11	Unknown	NPOC	BJF0261-MSD1		NPOC 0.5 - 50 p	1.000	NPOC:19.93mg/L		Completed	6/10/2021 7:01:48 PM	16
12	Unknown	NPOC	21F0123-02		NPOC 0.5 - 50 p	1.000	NPOC:0.3585mg/L		Completed	6/10/2021 7:27:03 PM	17
13	Unknown	NPOC	21F0123-03		NPOC 0.5 - 50 p	1.000	NPOC:0.2963mg/L		Completed	6/10/2021 7:52:40 PM	18
14	Control	NPOC	SEQ-CCV1	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.31ppm	Control v	Completed	6/10/2021 8:11:17 PM	3
15	Control	NPOC	SEQ-CCB1		ICB CCB.tpl	1.000	NPOC:0.1325mg/L	Control v	Completed	6/10/2021 8:35:06 PM	4
16	Unknown	NPOC	21F0123-04		NPOC 0.5 - 50 p	1.000	NPOC:0.2762mg/L		Completed	6/10/2021 8:56:30 PM	19
17	Unknown	NPOC	21F0123-06		NPOC 0.5 - 50 p	1.000	NPOC:0.2905mg/L		Completed	6/10/2021 9:21:37 PM	20
18	Unknown	NPOC	21F0123-07		NPOC 0.5 - 50 p	1.000	NPOC:1.528mg/L		Completed	6/10/2021 9:40:04 PM	21
19	Unknown	NPOC	21F0123-08		NPOC 0.5 - 50 p	1.000	NPOC:0.4644mg/L		Completed	6/10/2021 9:57:58 PM	22
20	Unknown	NPOC	21F0123-09		NPOC 0.5 - 50 p	1.000	NPOC:0.2021mg/L		Completed	6/10/2021 10:19:11 PM	23
21	Unknown	NPOC	21F0123-10		NPOC 0.5 - 50 p	1.000	NPOC:0.1848mg/L		Completed	6/10/2021 10:36:37 PM	24
22	Unknown	NPOC	21F0123-11		NPOC 0.5 - 50 p	1.000	NPOC:0.5935mg/L		Completed	6/10/2021 11:02:01 PM	25
23	Unknown	NPOC	21F0123-12		NPOC 0.5 - 50 p	1.000	NPOC:0.8164mg/L		Completed	6/10/2021 11:20:09 PM	26
24	Unknown	NPOC	21F0123-13		NPOC 0.5 - 50 p	1.000	NPOC:0.3438mg/L		Completed	6/10/2021 11:38:02 PM	27
25	Unknown	NPOC	21F0123-14		NPOC 0.5 - 50 p	1.000	NPOC:0.4553mg/L		Completed	6/11/2021 12:03:22 AM	28
26	Control	NPOC	SEQ-CCV2	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.08ppm	Control v	Completed	6/11/2021 12:22:18 AM	5
27	Control	NPOC	SEQ-CCB2		ICB CCB.tpl	1.000	NPOC:0.1222mg/L	Control v	Completed	6/11/2021 12:46:06 AM	6
28	Unknown	NPOC	21F0123-15		NPOC 0.5 - 50 p	1.000	NPOC:0.3975mg/L		Completed	6/11/2021 1:04:00 AM	29
29	Unknown	NPOC	21F0123-16		NPOC 0.5 - 50 p	1.000	NPOC:0.2443mg/L		Completed	6/11/2021 1:21:34 AM	30
30	Unknown	NPOC	21F0123-17		NPOC 0.5 - 50 p	1.000	NPOC:0.6628mg/L		Completed	6/11/2021 1:43:08 AM	31
31	Unknown	NPOC	21F0123-19		NPOC 0.5 - 50 p	1.000	NPOC:0.1359mg/L		Completed	6/11/2021 2:04:34 AM	32
32	Unknown	NPOC	21F0123-21		NPOC 0.5 - 50 p	1.000	NPOC:0.6423mg/L		Completed	6/11/2021 2:22:20 AM	33
33	Unknown	NPOC	21F0123-22		NPOC 0.5 - 50 p	1.000	NPOC:0.3527mg/L		Completed	6/11/2021 2:40:28 AM	34
34	Unknown	NPOC	21F0123-23		NPOC 0.5 - 50 p	1.000	NPOC:0.4878mg/L		Completed	6/11/2021 3:02:01 AM	35
35	Unknown	NPOC	BJF0262-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.5300mg/L		Completed	6/11/2021 3:24:04 AM	36
36	Unknown	NPOC	BJF0262-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.07889mg/L		Completed	6/11/2021 3:41:47 AM	37
37	Unknown	NPOC	BJF0262-BS1		NPOC 0.5 - 50 p	1.000	NPOC:20.27mg/L		Completed	6/11/2021 4:00:26 AM	38
38	Control	NPOC	SEQ-CCV3	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.26ppm	Control v	Completed	6/11/2021 4:19:14 AM	5
39	Control	NPOC	SEQ-CCB3		ICB CCB.tpl	1.000	NPOC:0.1790mg/L	Control v	Completed	6/11/2021 4:43:06 AM	6
40	Unknown	NPOC	21F0123-18		NPOC 0.5 - 50 p	1.000	NPOC:0.3836mg/L		Completed	6/11/2021 5:04:38 AM	39

	Type	Analysis	Sample Name	Sample ID	Origin	Manua	Result	Notes	Status	Date / Time	Vial
41	Unknown	NPOC	BJF0262-DUP1		NPOC 0.5 - 50 p	1.000	NPOC:0.3899mg/L		Completed	6/11/2021 5:22:23 AM	40
42	Unknown	NPOC	BJF0262-MS1		NPOC 0.5 - 50 p	1.000	NPOC:19.91mg/L		Completed	6/11/2021 5:41:34 AM	41
43	Unknown	NPOC	BJF0262-MSD1		NPOC 0.5 - 50 p	1.000	NPOC:20.28mg/L		Completed	6/11/2021 6:00:27 AM	42
44	Unknown	NPOC	21F0123-24		NPOC 0.5 - 50 p	1.000	NPOC:0.3984mg/L		Completed	6/11/2021 6:25:52 AM	43
45	Unknown	NPOC	21F0123-25		NPOC 0.5 - 50 p	1.000	NPOC:0.3220mg/L		Completed	6/11/2021 6:50:52 AM	44
46	Unknown	NPOC	21F0123-26		NPOC 0.5 - 50 p	1.000	NPOC:0.3738mg/L		Completed	6/11/2021 7:08:36 AM	45
47	Unknown	NPOC	21F0123-27		NPOC 0.5 - 50 p	1.000	NPOC:0.3653mg/L		Completed	6/11/2021 7:26:18 AM	46
48	Unknown	NPOC	21F0123-28		NPOC 0.5 - 50 p	1.000	NPOC:0.2968mg/L		Completed	6/11/2021 7:43:50 AM	47
49	Unknown	NPOC	21F0123-29		NPOC 0.5 - 50 p	1.000	NPOC:0.3345mg/L		Completed	6/11/2021 8:01:30 AM	48
50	Control	NPOC	SEQ-CCV4	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.25ppm	Control v	Completed	6/11/2021 8:19:59 AM	7
51	Control	NPOC	SEQ-CCB4		ICB CCB.tpl	1.000	NPOC:0.1057mg/L	Control v	Completed	6/11/2021 8:43:51 AM	8
52	Unknown	NPOC	21F0123-30		NPOC 0.5 - 50 p	1.000	NPOC:0.4833mg/L		Completed	6/11/2021 9:09:51 AM	49
53	Unknown	NPOC	21F0123-31		NPOC 0.5 - 50 p	1.000	NPOC:0.3093mg/L		Completed	6/11/2021 9:27:25 AM	50
54	Unknown	NPOC	21F0123-32		NPOC 0.5 - 50 p	1.000	NPOC:0.1564mg/L		Completed	6/11/2021 9:52:28 AM	51
55	Unknown	NPOC	21F0123-33		NPOC 0.5 - 50 p	1.000	NPOC:0.2506mg/L		Completed	6/11/2021 10:10:03 AM	52
56	Unknown	NPOC	21F0123-34		NPOC 0.5 - 50 p	1.000	NPOC:0.5230mg/L		Completed	6/11/2021 10:35:15 AM	53
57	Unknown	NPOC	21F0123-35		NPOC 0.5 - 50 p	1.000	NPOC:0.8989mg/L		Completed	6/11/2021 11:01:26 AM	54
58	Unknown	NPOC	21F0123-37		NPOC 0.5 - 50 p	1.000	NPOC:0.6531mg/L		Completed	6/11/2021 11:26:59 AM	55
59	Unknown	NPOC	21F0123-38		NPOC 0.5 - 50 p	1.000	NPOC:0.6676mg/L		Completed	6/11/2021 11:52:45 AM	56
60	Unknown	NPOC	21F0123-39		NPOC 0.5 - 50 p	1.000	NPOC:0.6172mg/L		Completed	6/11/2021 12:18:31 PM	57
61	Unknown	NPOC	21F0123-40		NPOC 0.5 - 50 p	1.000	NPOC:0.8298mg/L		Completed	6/11/2021 12:44:27 PM	58
62	Control	NPOC	SEQ-CCV5	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.16ppm	Control v	Completed	6/11/2021 1:03:28 PM	7
63	Control	NPOC	SEQ-CCB5		ICB CCB.tpl	1.000	NPOC:0.1023mg/L	Control v	Completed	6/11/2021 1:27:17 PM	8
64	Unknown	NPOC	21F0130-45		NPOC 0.5 - 50 p	1.000	NPOC:0.2527mg/L		Completed	6/11/2021 1:48:47 PM	59
65	Unknown	NPOC	21F0130-46		NPOC 0.5 - 50 p	1.000	NPOC:0.2695mg/L		Completed	6/11/2021 2:13:52 PM	60
66	Unknown	NPOC	21F0130-47		NPOC 0.5 - 50 p	1.000	NPOC:0.2553mg/L		Completed	6/11/2021 2:31:23 PM	61
67	Control	NPOC	SEQ-CCV6	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.11ppm	Control v	Completed	6/11/2021 2:50:10 PM	3
68	Control	NPOC	SEQ-CCB6		ICB CCB.tpl	1.000	NPOC:0.1214mg/L	Control v	Completed	6/11/2021 3:14:03 PM	4

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0272
Instrument: TOC-LCSH
Calibration: EC00089

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
1	SJF0272-ICV1	dzuData_06212021@093'	NA	06/15/21 14:20
1	SJF0272-ICB1	dzuData_06212021@093'	NA	06/15/21 14:41
1	SJF0272-IFA1	dzuData_06212021@093'	NA	06/15/21 15:02
1	SJF0272-CCV3	dzuData_06212021@093'	NA	06/16/21 03:54
1	SJF0272-CCB3	dzuData_06212021@093'	NA	06/16/21 04:16
MRL Check	BJF0403-MRL1	dzuData_06212021@093'	Water	06/16/21 06:41
Blank	BJF0403-BLK1	dzuData_06212021@093'	Water	06/16/21 07:10
LCS	BJF0403-BS1	dzuData_06212021@093'	Water	06/16/21 07:29
NRC-3SR-GW-060321	21F0123-01	dzuData_06212021@093'	Water	06/16/21 07:54
NRC-3SR-GW-060321	BJF0403-DUP1	dzuData_06212021@093'	Water	06/16/21 08:12
1	SJF0272-CCV4	dzuData_06212021@093'	NA	06/16/21 08:38
1	SJF0272-CCB4	dzuData_06212021@093'	NA	06/16/21 08:59
NRC-3SR-GW-060321	BJF0403-MS1	dzuData_06212021@093'	Water	06/16/21 09:21
NRC-3SR-GW-060321	BJF0403-MSD1	dzuData_06212021@093'	Water	06/16/21 09:39
NRC-3IR-GW-060321	21F0123-02	dzuData_06212021@093'	Water	06/16/21 10:04
NRC-3DR-GW-060321	21F0123-03	dzuData_06212021@093'	Water	06/16/21 10:29
NRC-103DR-GW-060321	21F0123-04	dzuData_06212021@093'	Water	06/16/21 10:47
NRC-103SR-GW-060321	21F0123-06	dzuData_06212021@093'	Water	06/16/21 11:12
MW-01-GW-060321	21F0123-07	dzuData_06212021@093'	Water	06/16/21 11:34
MW-2-GW-060321	21F0123-08	dzuData_06212021@093'	Water	06/16/21 11:52
DS-16I-GW-060421	21F0123-09	dzuData_06212021@093'	Water	06/16/21 12:17
DS-16D-GW-060421	21F0123-10	dzuData_06212021@093'	Water	06/16/21 12:35
1	SJF0272-CCV5	dzuData_06212021@093'	NA	06/16/21 12:54
1	SJF0272-CCB5	dzuData_06212021@093'	NA	06/16/21 13:11
DS-16S-GW-060421	21F0123-11	dzuData_06212021@093'	Water	06/16/21 13:36
DS-15S-GW-060421	21F0123-12	dzuData_06212021@093'	Water	06/16/21 13:54
DS-15I-GW-060421	21F0123-13	dzuData_06212021@093'	Water	06/16/21 14:19
DS-18S-GW-060421	21F0123-14	dzuData_06212021@093'	Water	06/16/21 14:41
DS-18I-GW-060421	21F0123-15	dzuData_06212021@093'	Water	06/16/21 15:02
DS-18D-GW-060421	21F0123-16	dzuData_06212021@093'	Water	06/16/21 15:20

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
Sequence:	SJF0272	Instrument:	TOC-LCSH
		Calibration:	EC00089

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
DS-17S-GW-060421	21F0123-17	dzuData_06212021@093'	Water	06/16/21 15:49
FieldBlank-1-GW-060421	21F0123-19	dzuData_06212021@093'	Water	06/16/21 16:07
MW-3-GW-060421	21F0123-21	dzuData_06212021@093'	Water	06/16/21 16:25
1	SJF0272-CCV6	dzuData_06212021@093'	NA	06/16/21 16:44
1	SJF0272-CCB6	dzuData_06212021@093'	NA	06/16/21 17:05

TOC-Control L Report

RMS
2021_06_15_001.tlx

Instr.Information

Instrument Options: TOC/ASI/IC Unit/
Catalyst: Regular Sensitivity

Sample

Sample Name: Rinse
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status: Completed
Chk. Result

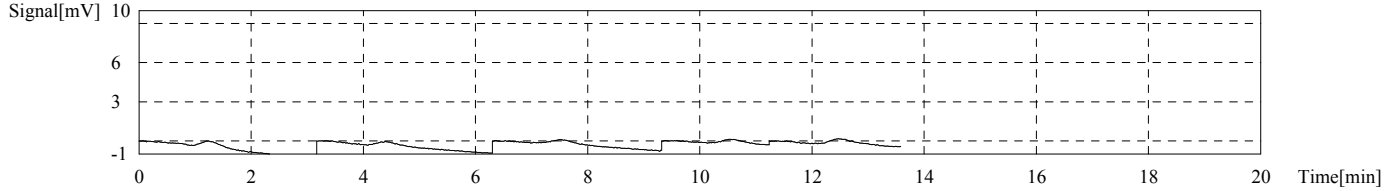
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.08800mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.4827	0.04748mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 1:54:03 PM
2	0.9268	0.09115mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 1:58:26 PM
3	1.003	0.09865mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:02:34 PM
4	0.7543	0.07419mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:05:33 PM
5	1.278	0.1257mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:09:29 PM

Mean Area 0.8947
Mean Conc. 0.08800mg/L



Control Sample

Sample Name: SEQ-ICV1
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.66 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

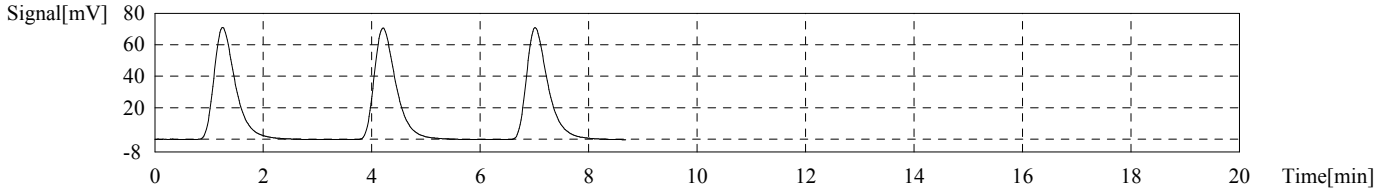
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.66ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	199.3	19.62ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:20:20 PM
2	200.4	19.73ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:24:08 PM
3	199.4	19.63ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:28:02 PM

Mean Area 199.7
Mean Conc. 19.66ppm



Control Sample

Sample Name: SEQ-ICB1
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1698 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

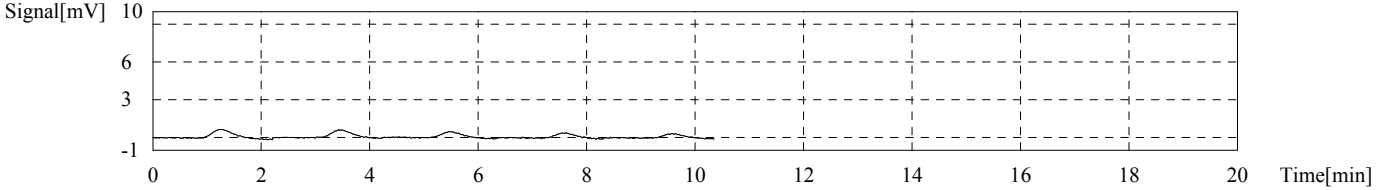
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1698mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.024	0.2170mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:38:07 PM
2	1.710	0.1861mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:41:27 PM
3	1.571	0.1724mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:45:01 PM
4	1.354	0.1511mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:48:24 PM
5	0.9756	0.1138mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 2:51:57 PM

Mean Area 1.545
Mean Conc. 0.1698mg/L



Sample

Sample Name: SEQ-IFA1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

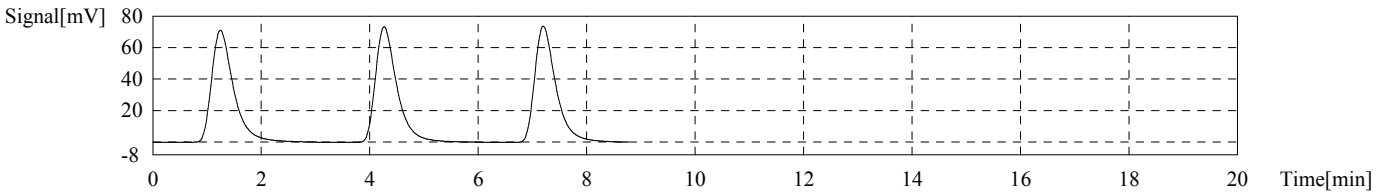
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.99mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	202.5	19.92mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:02:43 PM
2	203.7	20.03mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:06:39 PM
3	203.4	20.01mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:10:28 PM

Mean Area 203.2
Mean Conc. 19.99mg/L



Sample

Sample Name: BJF0382-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

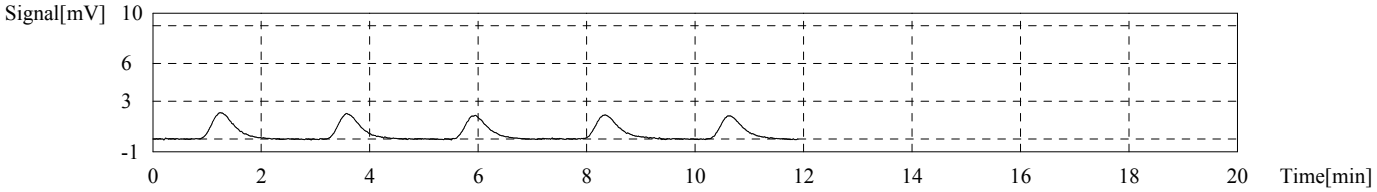
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5561mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.170	0.6068mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:20:42 PM
2	5.942	0.5844mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:24:29 PM
3	5.663	0.5570mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:28:21 PM
4	5.735	0.5641mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:32:01 PM
5	5.565	0.5473mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:36:01 PM

Mean Area 5.654
Mean Conc. 0.5561mg/L



Sample

Sample Name: BJF0382-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

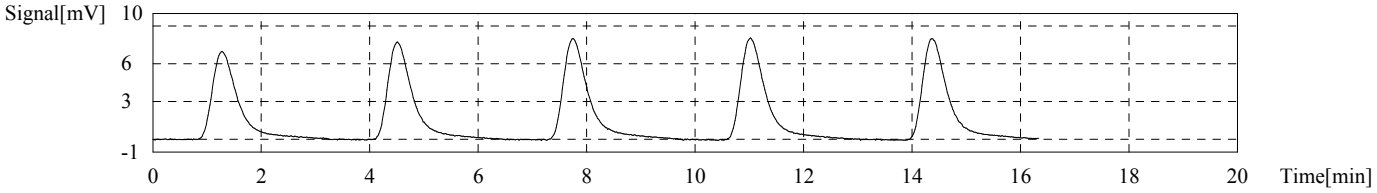
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:2.642mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	23.42	2.303mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:47:16 PM
2	25.38	2.496mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:51:30 PM
3	26.79	2.635mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 3:55:46 PM
4	27.26	2.681mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:00:08 PM
5	26.53	2.609mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:04:22 PM

Mean Area 26.86
Mean Conc. 2.642mg/L



Sample

Sample Name: BJF0382-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

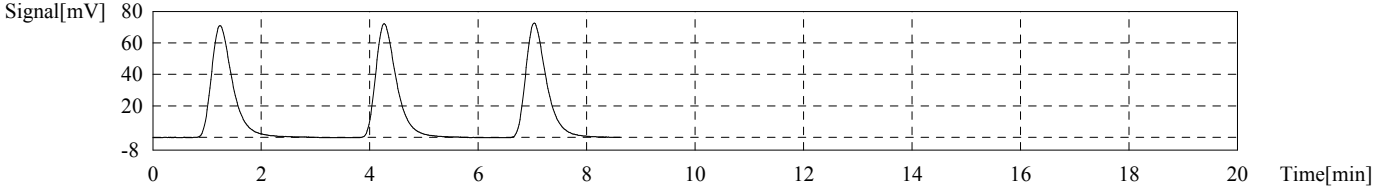
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.30mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	196.2	19.30mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:15:18 PM
2	196.0	19.28mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:19:04 PM
3	196.5	19.33mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:22:53 PM

Mean Area 196.2
Mean Conc. 19.30mg/L



Sample

Sample Name: 21F0122-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

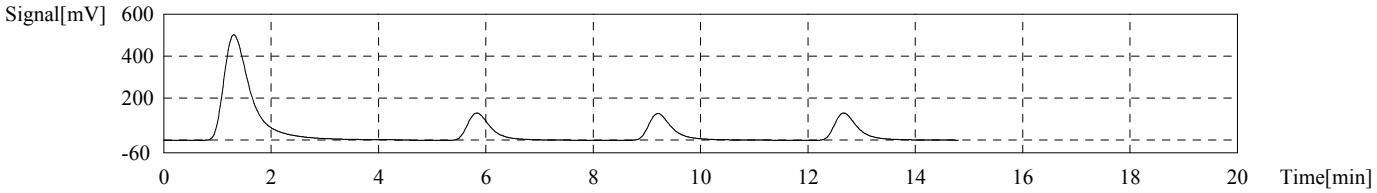
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:8951mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1813	8916mg/L	100uL	1.000	R	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:35:22 PM
2	402.0	8986mg/L	22uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:39:42 PM
3	399.0	8919mg/L	22uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:44:11 PM
4	400.3	8948mg/L	22uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:48:35 PM

Mean Area 400.4
Mean Conc. 8951mg/L



Sample

Sample Name: 21F0125-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

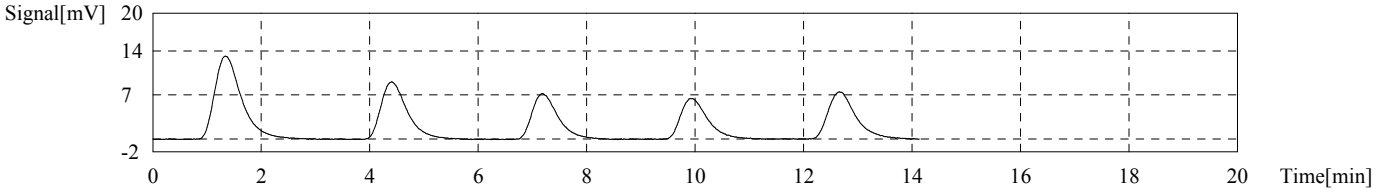
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:122.4mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	46.36	228.0mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 4:59:33 PM
2	31.14	153.1mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:03:21 PM
3	24.91	122.5mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:07:06 PM
4	22.63	111.3mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:10:48 PM
5	27.13	133.4mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:14:44 PM

Mean Area 24.89
Mean Conc. 122.4mg/L



Sample

Sample Name: 21F0126-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

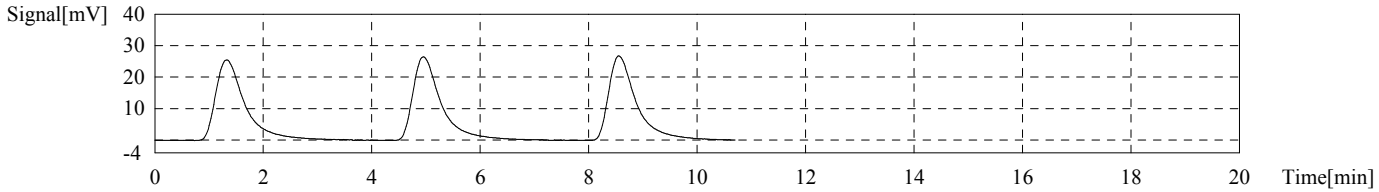
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:477.8mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	97.41	479.0mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:26:16 PM
2	97.14	477.7mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:30:52 PM
3	96.91	476.6mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:35:19 PM

Mean Area 97.15
Mean Conc. 477.8mg/L



Sample

Sample Name: BJF0382-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

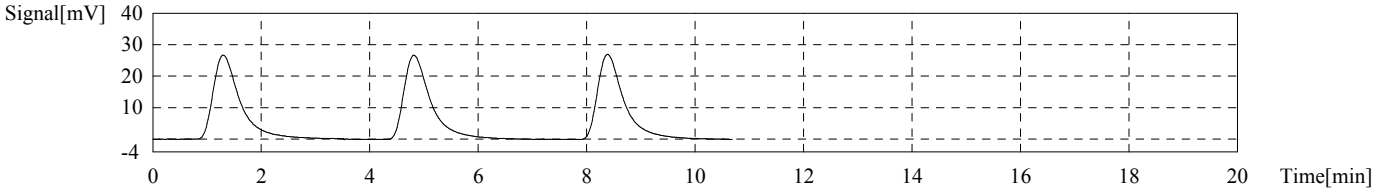
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:460.9mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	93.34	459.0mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:46:45 PM
2	93.84	461.5mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:51:18 PM
3	94.00	462.3mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 5:55:55 PM

Mean Area 93.73
Mean Conc. 460.9mg/L



Sample

Sample Name: BJF0382-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

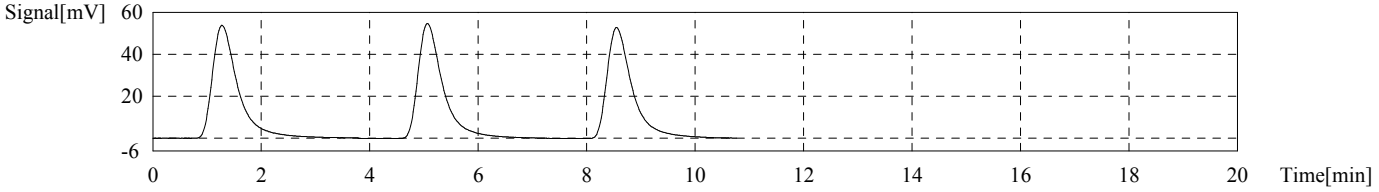
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:868.1mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	178.8	879.3mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:07:36 PM
2	177.3	871.9mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:12:05 PM
3	173.5	853.2mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:16:34 PM

Mean Area 176.5
Mean Conc. 868.1mg/L



Sample

Sample Name: 21F0127-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

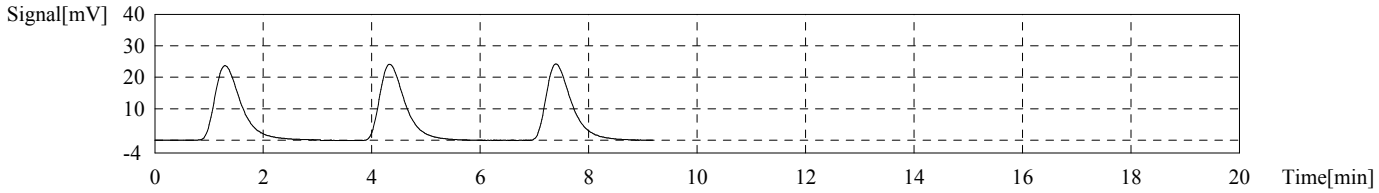
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:396.6mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	80.62	396.5mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:27:32 PM
2	80.63	396.5mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:31:36 PM
3	80.72	397.0mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:35:40 PM

Mean Area 80.66
Mean Conc. 396.6mg/L



Control Sample

Sample Name: SEQ-CCV1
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.07 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

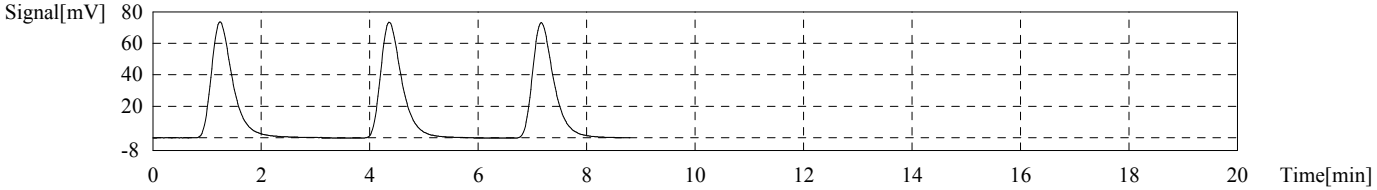
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.07ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	205.4	20.22ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:46:47 PM
2	203.1	19.99ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:50:35 PM
3	203.1	19.99ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 6:54:28 PM

Mean Area 203.9
Mean Conc. 20.07ppm



Control Sample

Sample Name: SEQ-CCB1
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.2430 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

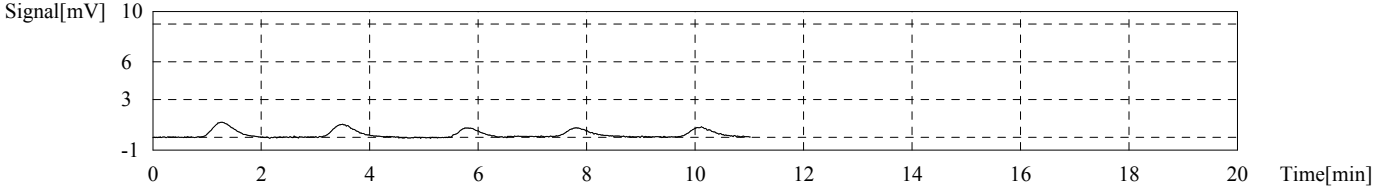
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.2430mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.579	0.3699mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:04:41 PM
2	3.422	0.3545mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:08:17 PM
3	2.276	0.2417mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:11:28 PM
4	2.227	0.2369mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:15:14 PM
5	2.362	0.2502mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:18:41 PM

Mean Area 2.288
Mean Conc. 0.2430mg/L



Sample

Sample Name: BJF0394-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

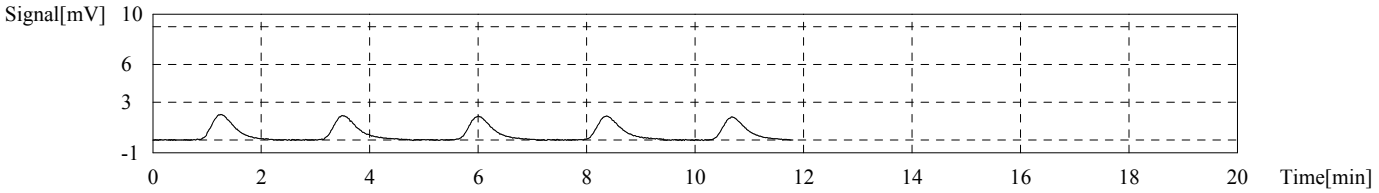
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5529mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.046	0.5946mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:29:14 PM
2	6.265	0.6162mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:33:17 PM
3	5.780	0.5685mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:36:56 PM
4	5.573	0.5481mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:40:40 PM
5	5.511	0.5420mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:44:31 PM

Mean Area 5.621
Mean Conc. 0.5529mg/L



Sample

Sample Name: BJF0394-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

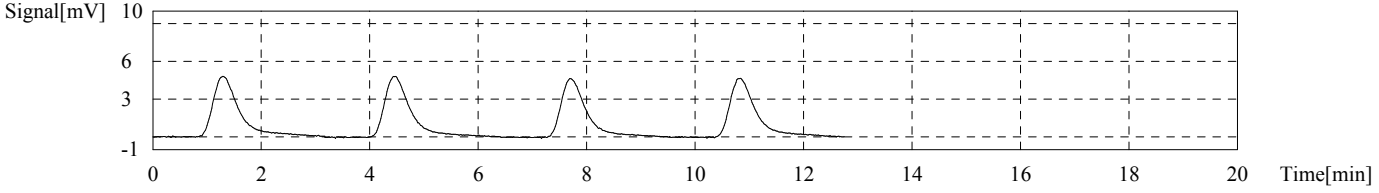
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:1.606mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	16.29	1.602mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:55:24 PM
2	16.41	1.614mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 7:59:39 PM
3	15.42	1.517mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:03:46 PM
4	16.28	1.601mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:07:59 PM

Mean Area 16.33
Mean Conc. 1.606mg/L



Sample

Sample Name: BJF0394-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

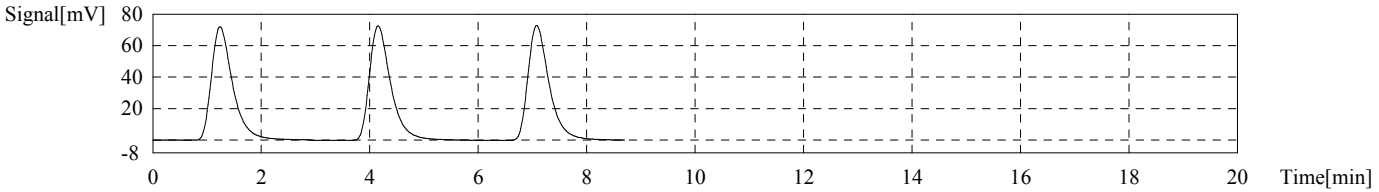
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.70mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	199.2	19.59mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:18:48 PM
2	200.8	19.75mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:22:43 PM
3	200.8	19.75mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:26:35 PM

Mean Area 200.3
Mean Conc. 19.70mg/L



Sample

Sample Name: 21F0046-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

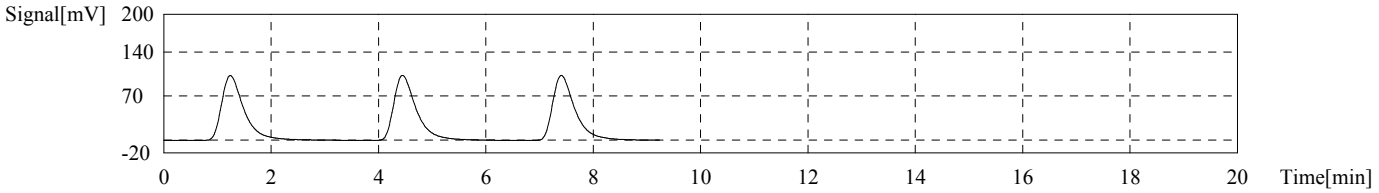
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:1487mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	301.4	1482mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:37:41 PM
2	303.8	1494mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:41:38 PM
3	302.2	1486mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:45:42 PM

Mean Area 302.5
Mean Conc. 1487mg/L



Sample

Sample Name: BJF0394-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

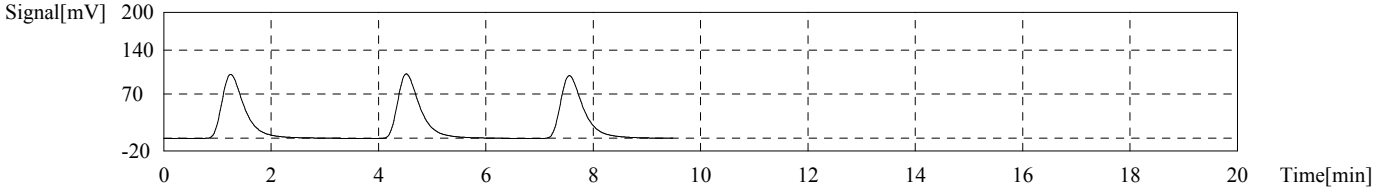
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:1489mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	303.7	1493mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 8:56:53 PM
2	303.1	1491mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:00:54 PM
3	301.8	1484mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:05:04 PM

Mean Area 302.9
Mean Conc. 1489mg/L



Sample

Sample Name: BJF0394-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

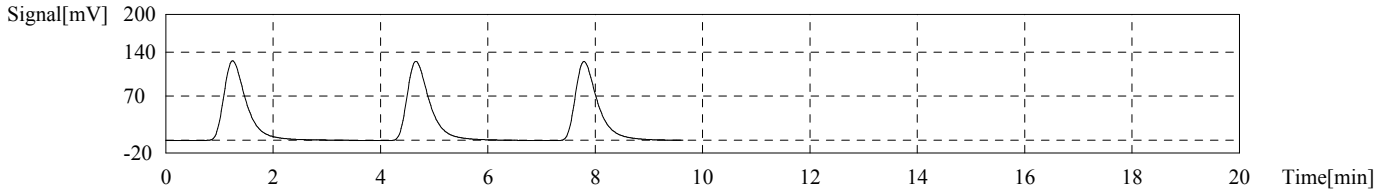
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:1830mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	373.8	1838mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:16:22 PM
2	372.1	1830mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:20:30 PM
3	370.3	1821mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:24:35 PM

Mean Area 372.1
Mean Conc. 1830mg/L



Sample

Sample Name: BJF0397-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

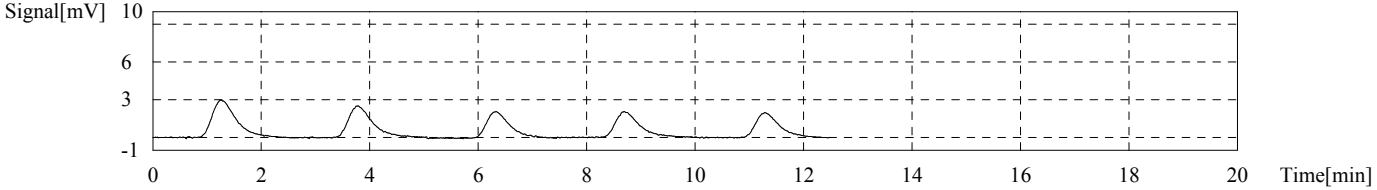
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6362mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.529	0.9372mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:35:00 PM
2	7.790	0.7662mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:38:48 PM
3	6.561	0.6453mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:42:26 PM
4	6.615	0.6506mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:46:25 PM
5	6.230	0.6127mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 9:50:06 PM

Mean Area 6.469
Mean Conc. 0.6362mg/L



Sample

Sample Name: BJF0397-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

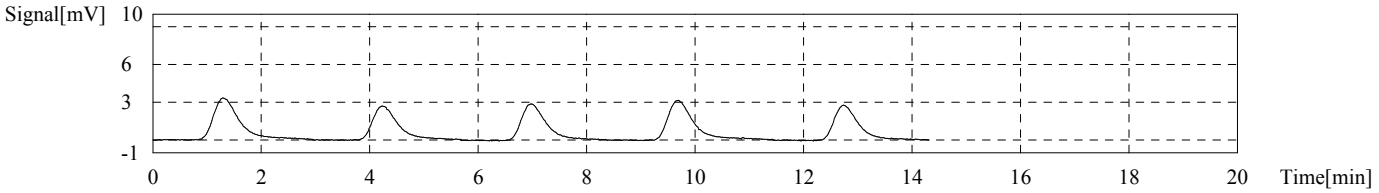
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.8808mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	11.19	1.101mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:01:14 PM
2	8.545	0.8404mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:04:58 PM
3	9.360	0.9206mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:08:42 PM
4	10.54	1.037mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:12:50 PM
5	8.962	0.8814mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:16:42 PM

Mean Area 8.956
Mean Conc. 0.8808mg/L



Sample

Sample Name: BJF0397-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

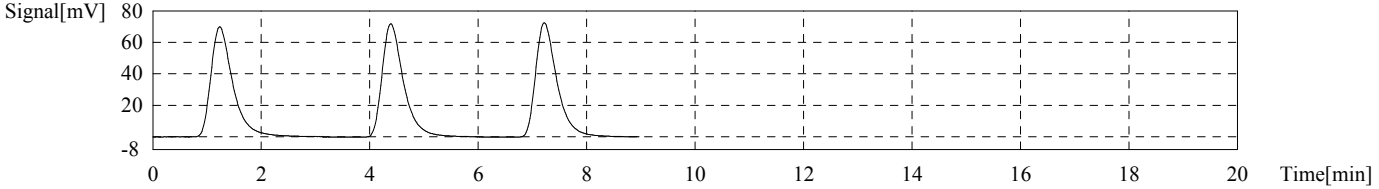
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.65mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	199.4	19.61mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:27:44 PM
2	199.3	19.60mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:31:33 PM
3	200.8	19.75mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:35:32 PM

Mean Area 199.8
Mean Conc. 19.65mg/L



Sample

Sample Name: 21F0077-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

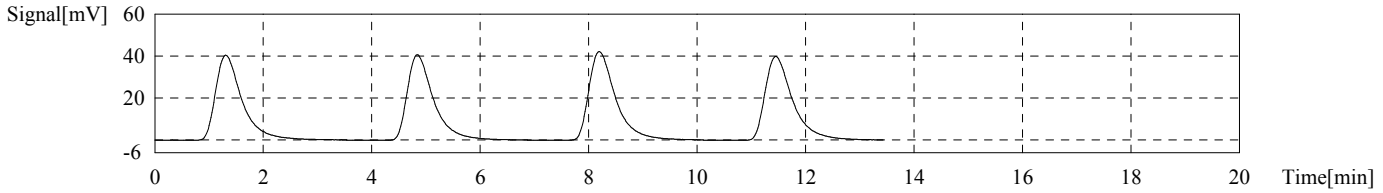
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:691.1mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	139.6	686.5mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:46:59 PM
2	139.1	684.0mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:51:18 PM
3	146.3	719.5mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:55:32 PM
4	142.9	702.7mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 10:59:50 PM

Mean Area 140.5
Mean Conc. 691.1mg/L



Control Sample

Sample Name: SEQ-CCV2
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.89 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

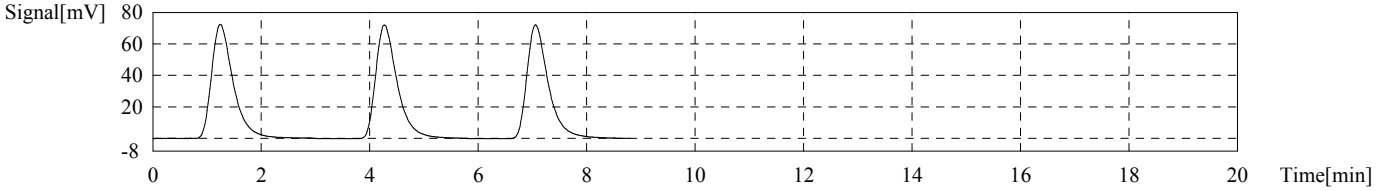
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.89ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.6	20.04ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:10:46 PM
2	201.4	19.83ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:14:32 PM
3	201.0	19.79ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:18:31 PM

Mean Area 202.0
Mean Conc. 19.89ppm



Control Sample

Sample Name: SEQ-CCB2
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1740 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

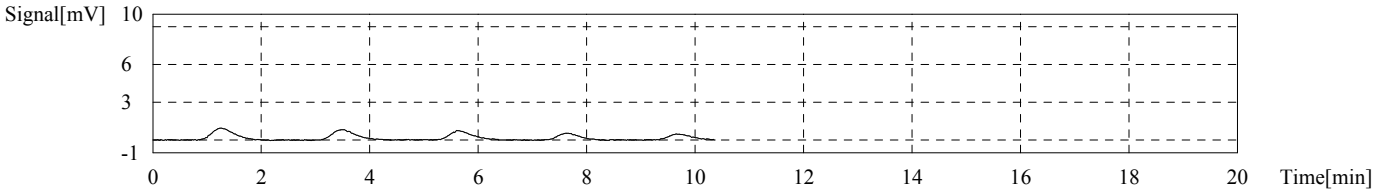
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1740mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.797	0.2930mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:28:37 PM
2	2.606	0.2742mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:32:04 PM
3	1.898	0.2046mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:35:22 PM
4	1.543	0.1697mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:38:56 PM
5	1.320	0.1477mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:42:20 PM

Mean Area 1.587
Mean Conc. 0.1740mg/L



Sample

Sample Name: BJF0397-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

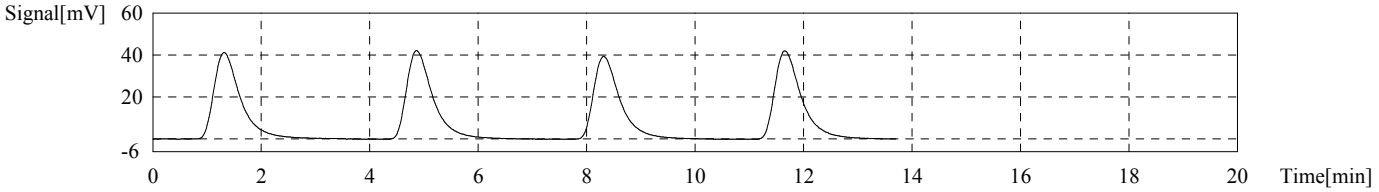
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:711.6mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	142.8	702.2mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:53:51 PM
2	144.9	712.6mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/15/2021 11:58:18 PM
3	135.5	666.3mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:02:38 AM
4	146.4	719.9mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:07:00 AM

Mean Area 144.7
Mean Conc. 711.6mg/L



Sample

Sample Name: BJF0397-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

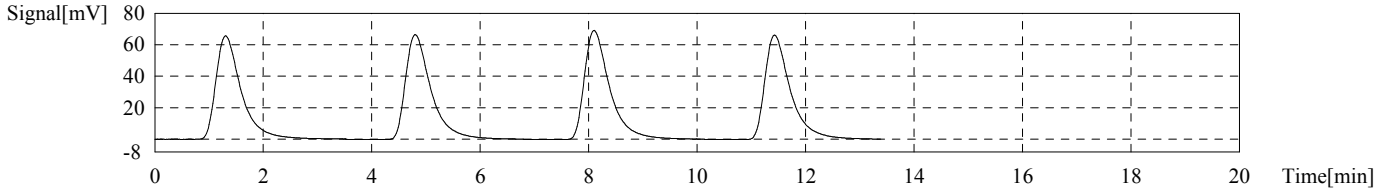
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:1073mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	215.4	1059mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:18:25 AM
2	220.1	1082mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:22:42 AM
3	227.2	1117mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:27:02 AM
4	219.3	1078mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:31:17 AM

Mean Area 218.3
Mean Conc. 1073mg/L



Sample

Sample Name: BJF0398-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

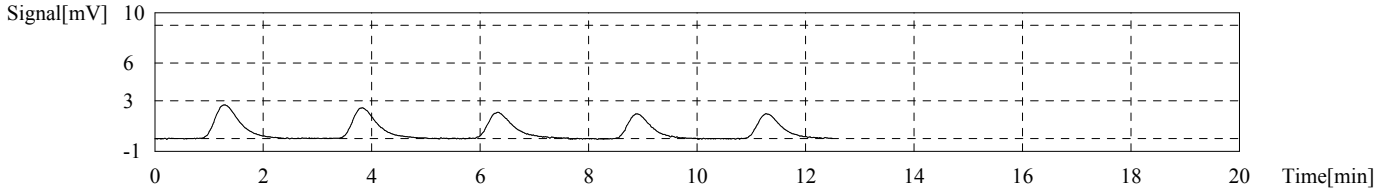
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6191mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.584	0.8443mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:41:45 AM
2	7.690	0.7563mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:45:28 AM
3	6.668	0.6558mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:49:21 AM
4	6.012	0.5913mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:52:56 AM
5	6.203	0.6101mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:56:50 AM

Mean Area 6.294
Mean Conc. 0.6191mg/L



Sample

Sample Name: BJF0398-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

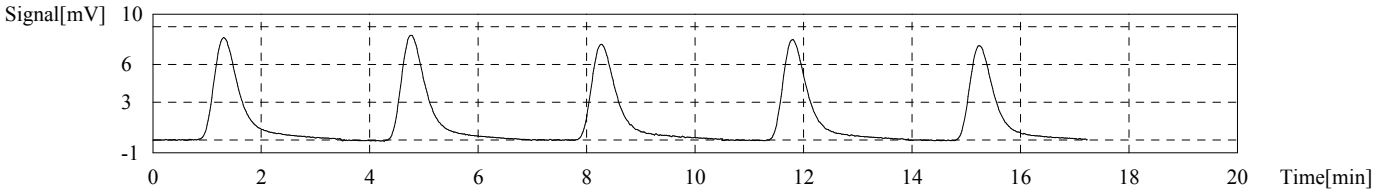
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:2.578mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	28.08	2.762mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:08:29 AM
2	28.95	2.847mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:12:59 AM
3	26.13	2.570mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:17:31 AM
4	27.05	2.660mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:21:57 AM
5	25.44	2.502mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:26:15 AM

Mean Area 26.21
Mean Conc. 2.578mg/L



Sample

Sample Name: BJF0398-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

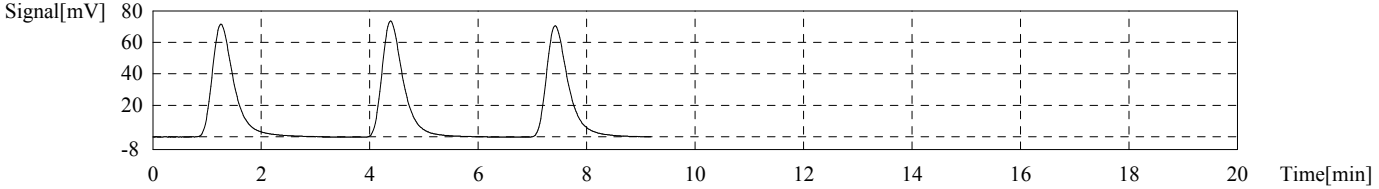
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.98mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.6	20.02mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:37:18 AM
2	204.8	20.14mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:41:20 AM
3	201.0	19.77mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:45:21 AM

Mean Area 203.1
Mean Conc. 19.98mg/L



Sample

Sample Name: 21F0102-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

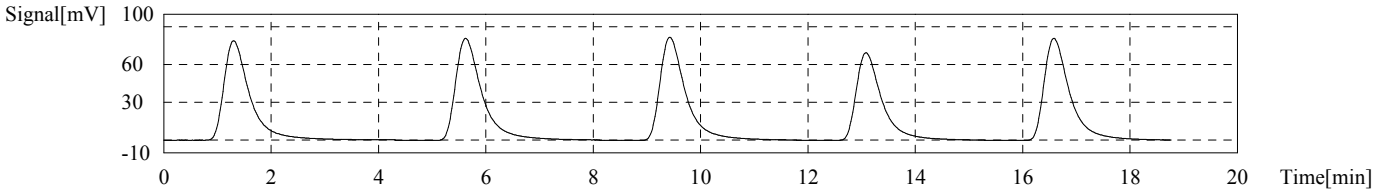
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:1341mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	268.7	1321mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:57:35 AM
2	280.8	1381mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:02:23 AM
3	276.3	1359mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:07:03 AM
4	233.8	1150mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:11:33 AM
5	272.9	1342mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:16:02 AM

Mean Area 272.6
Mean Conc. 1341mg/L



Sample

Sample Name: 21F0103-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

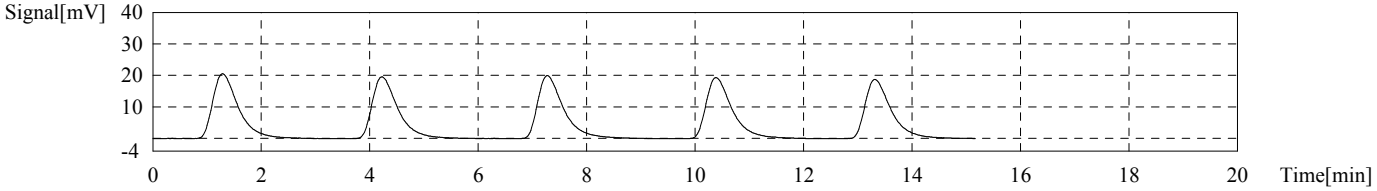
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:318.0mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	68.19	335.3mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:26:53 AM
2	65.53	322.3mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:30:57 AM
3	67.54	332.1mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:35:03 AM
4	64.95	319.4mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:38:59 AM
5	63.51	312.3mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:43:07 AM

Mean Area 64.66
Mean Conc. 318.0mg/L



Sample

Sample Name: BJF0398-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

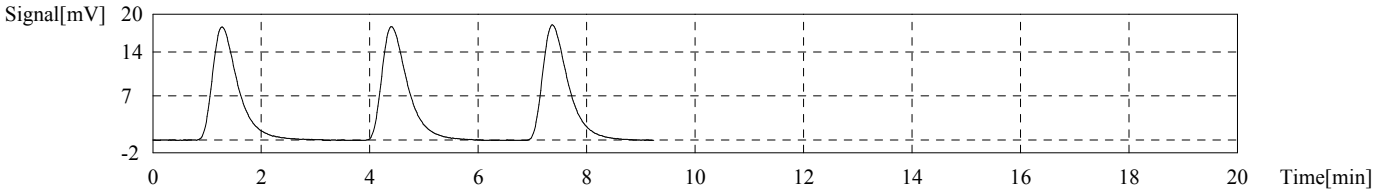
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:298.1mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	59.47	292.5mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:54:10 AM
2	60.71	298.6mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:58:07 AM
3	61.69	303.4mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:02:16 AM

Mean Area 60.62
Mean Conc. 298.1mg/L



Sample

Sample Name: BJF0398-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

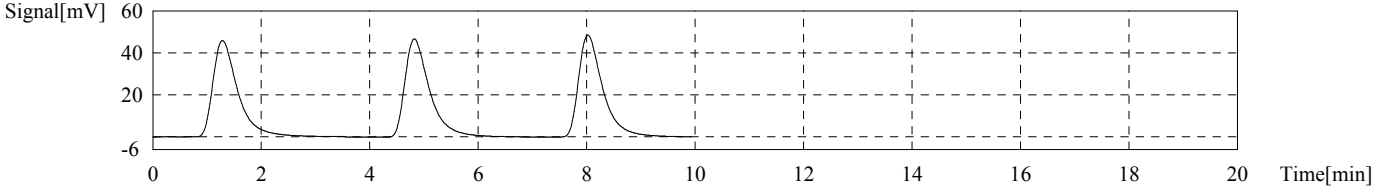
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:739.6mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	148.8	731.7mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:13:44 AM
2	149.9	737.2mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:17:56 AM
3	152.5	749.9mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:22:07 AM

Mean Area 150.4
Mean Conc. 739.6mg/L



Sample

Sample Name: BJF0399-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

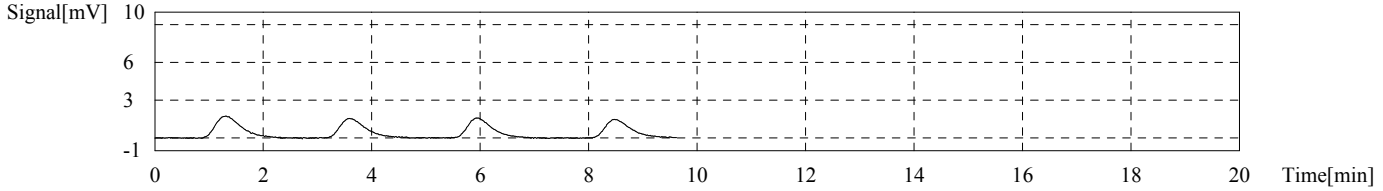
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4918mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.615	0.5523mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:32:21 AM
2	5.051	0.4968mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:36:10 AM
3	4.952	0.4870mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:40:08 AM
4	4.998	0.4916mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:43:48 AM

Mean Area 5.000
Mean Conc. 0.4918mg/L



Control Sample

Sample Name: SEQ-CCV3
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.83 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

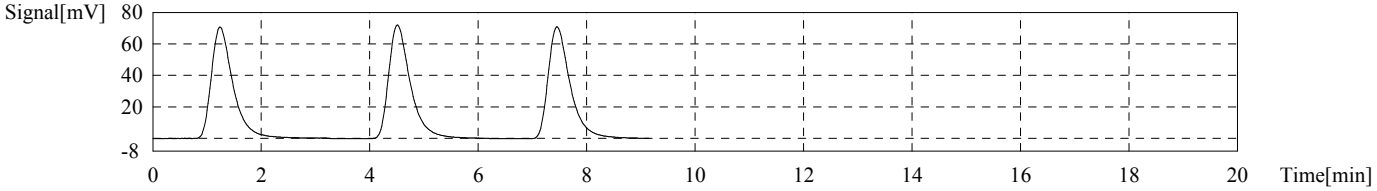
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.83ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	199.0	19.59ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:54:58 AM
2	203.0	19.98ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:58:54 AM
3	202.4	19.92ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:02:51 AM

Mean Area 201.5
Mean Conc. 19.83ppm



Control Sample

Sample Name: SEQ-CCB3
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.2060 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

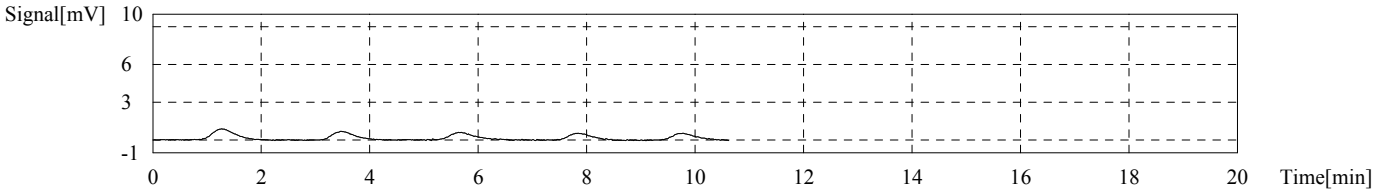
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.2060mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.577	0.2713mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:12:57 AM
2	2.087	0.2232mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:16:26 AM
3	1.969	0.2116mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:19:56 AM
4	1.470	0.1625mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:23:09 AM
5	1.681	0.1832mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:26:54 AM

Mean Area 1.912
Mean Conc. 0.2060mg/L



Sample

Sample Name: BJF0399-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

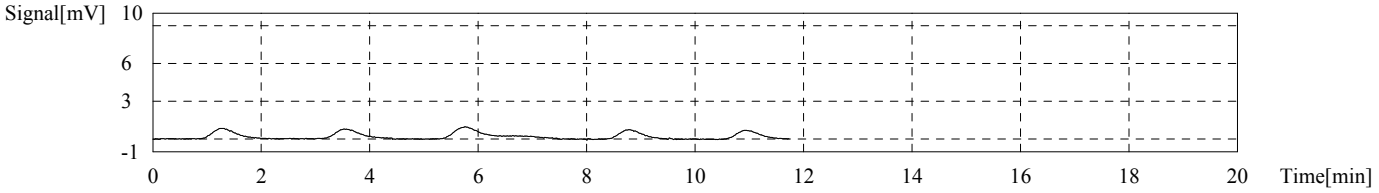
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2197mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.594	0.2551mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:36:58 AM
2	2.331	0.2293mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:40:40 AM
3	4.084	0.4017mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:45:20 AM
4	2.289	0.2251mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:48:30 AM
5	2.080	0.2046mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:52:11 AM

Mean Area 2.233
Mean Conc. 0.2197mg/L



Sample

Sample Name: BJF0399-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

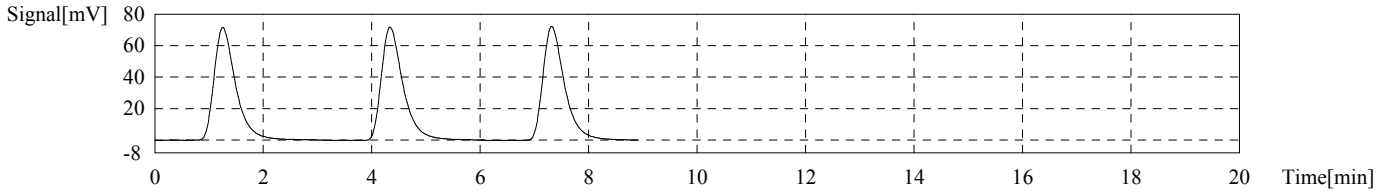
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.83mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	200.7	19.74mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:03:01 AM
2	202.5	19.92mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:06:59 AM
3	201.8	19.85mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:10:49 AM

Mean Area 201.7
Mean Conc. 19.83mg/L



Sample

Sample Name: 21F0091-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

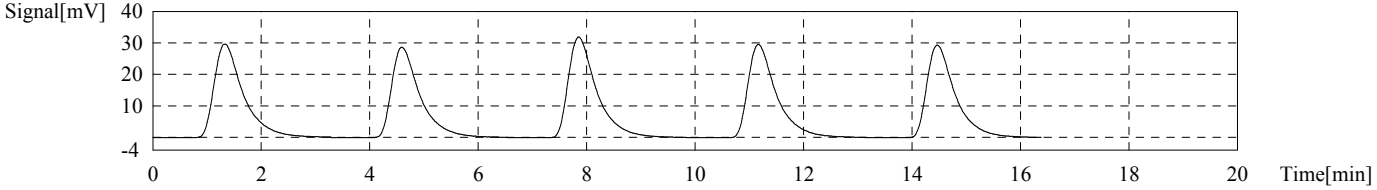
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:528.5mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	111.9	550.3mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:22:01 AM
2	105.5	518.8mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:26:16 AM
3	117.7	578.8mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:30:34 AM
4	109.1	536.5mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:34:51 AM
5	107.8	530.1mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:39:05 AM

Mean Area 107.5
Mean Conc. 528.5mg/L



Sample

Sample Name: BJF0399-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

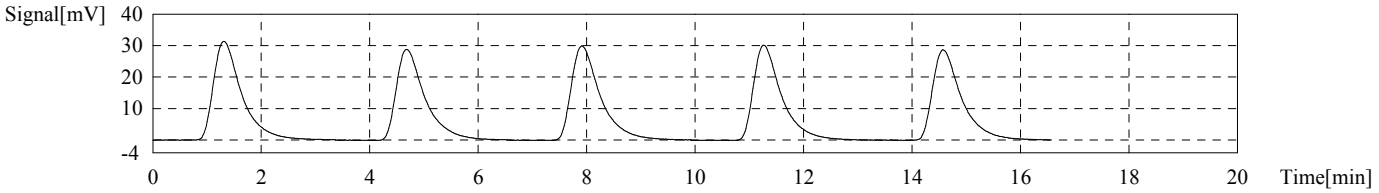
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:533.1mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	115.0	565.5mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:50:22 AM
2	107.4	528.2mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:54:35 AM
3	112.7	554.2mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:58:55 AM
4	110.1	541.4mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:03:12 AM
5	107.7	529.6mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:07:30 AM

Mean Area 108.4
Mean Conc. 533.1mg/L



Sample

Sample Name: BJF0399-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

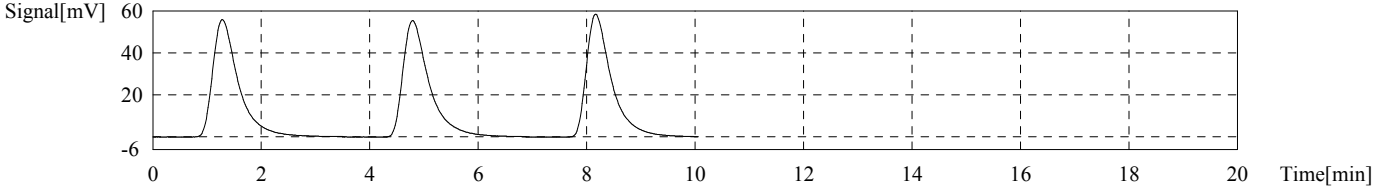
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	50.00	NPOC:927.1mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	186.3	916.2mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:18:55 AM
2	188.9	928.9mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:23:17 AM
3	190.4	936.3mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:27:26 AM

Mean Area 188.5
Mean Conc. 927.1mg/L



Sample

Sample Name: BJF0403-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

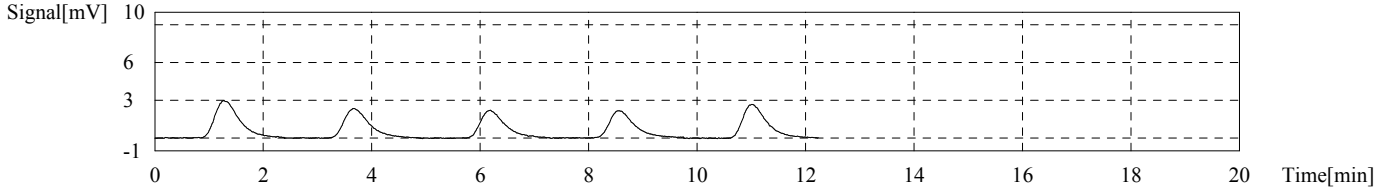
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6977mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.269	0.9116mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:37:44 AM
2	7.619	0.7494mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:41:39 AM
3	6.925	0.6811mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:45:18 AM
4	6.739	0.6628mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:49:10 AM
5	8.418	0.8279mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 6:52:58 AM

Mean Area 7.094
Mean Conc. 0.6977mg/L



Sample

Sample Name: BJF0403-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

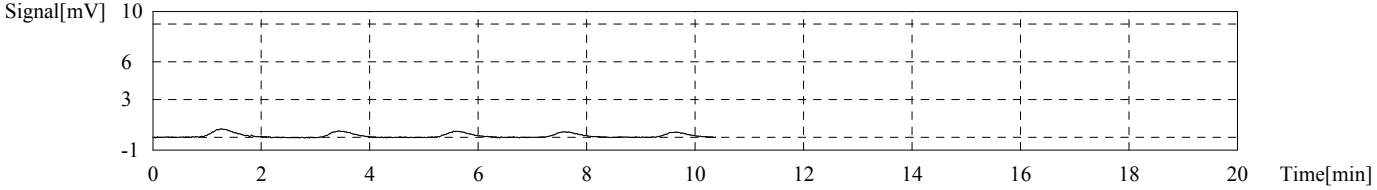
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1241mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.217	0.2180mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:03:20 AM
2	1.739	0.1710mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:07:06 AM
3	1.377	0.1354mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:10:45 AM
4	1.204	0.1184mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:14:32 AM
5	1.203	0.1183mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:18:20 AM

Mean Area 1.261
Mean Conc. 0.1241mg/L



Sample

Sample Name: BJF0403-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

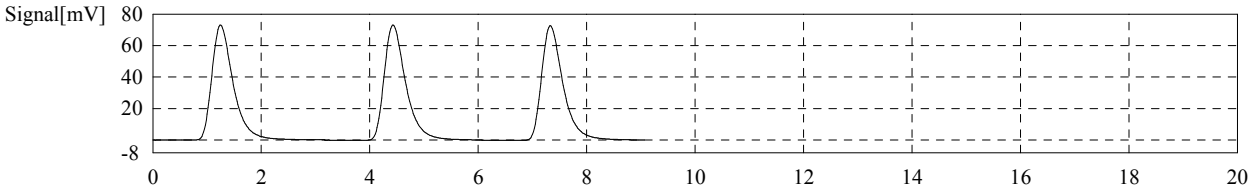
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:20.01mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.2	19.99mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:29:14 AM
2	204.7	20.13mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:33:07 AM
3	202.4	19.91mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:37:06 AM

Mean Area 203.4
Mean Conc. 20.01mg/L



Sample

Sample Name: 21F0123-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

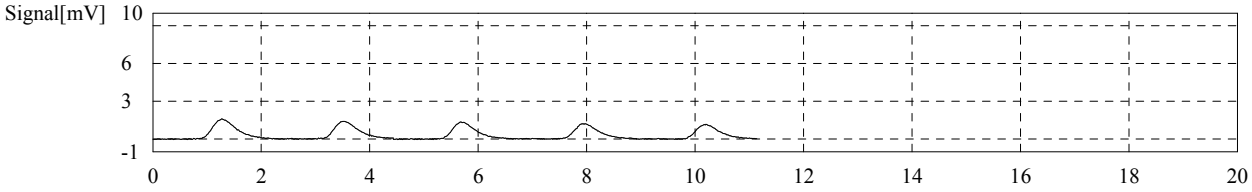
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3594mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.897	0.4816mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:47:16 AM
2	4.077	0.4010mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:50:59 AM
3	3.934	0.3869mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:54:50 AM
4	3.584	0.3525mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 7:58:36 AM
5	3.446	0.3389mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:02:22 AM

Mean Area 3.655
Mean Conc. 0.3594mg/L



TOC-Control L Report

RMS
2021_06_15_001.tlx

Sample

Sample Name: BJF0403-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

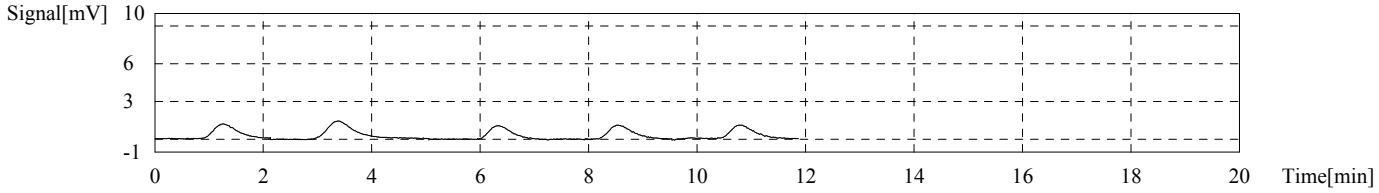
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3398mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.454	0.3397mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:12:15 AM
2	5.421	0.5332mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:16:49 AM
3	3.337	0.3282mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:20:02 AM
4	3.574	0.3515mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:23:50 AM
5	3.799	0.3736mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:27:42 AM

Mean Area 3.455
Mean Conc. 0.3398mg/L



Control Sample

Sample Name: SEQ-CCV4
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.35 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

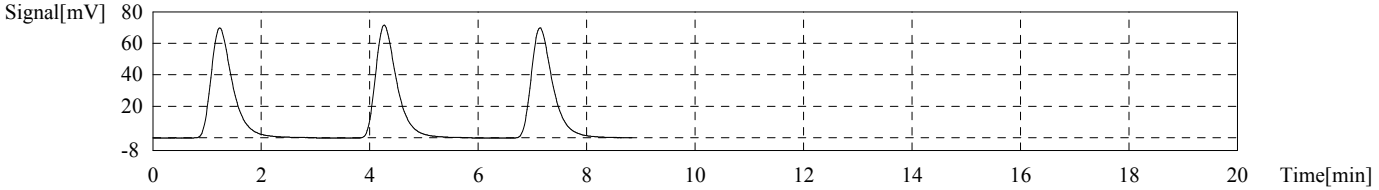
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.35ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	195.9	19.29ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:38:29 AM
2	198.2	19.51ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:42:20 AM
3	195.5	19.25ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:46:16 AM

Mean Area 196.5
Mean Conc. 19.35ppm



Control Sample

Sample Name: SEQ-CCB4
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1410 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

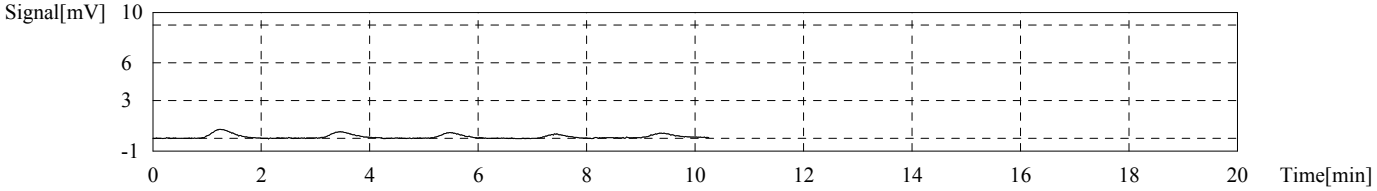
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1410mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.091	0.2236mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:56:20 AM
2	1.403	0.1559mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 8:59:39 AM
3	1.136	0.1296mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:03:05 AM
4	0.8879	0.1052mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:06:35 AM
5	1.217	0.1376mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:10:16 AM

Mean Area 1.252
Mean Conc. 0.1410mg/L



Sample

Sample Name: BJF0403-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

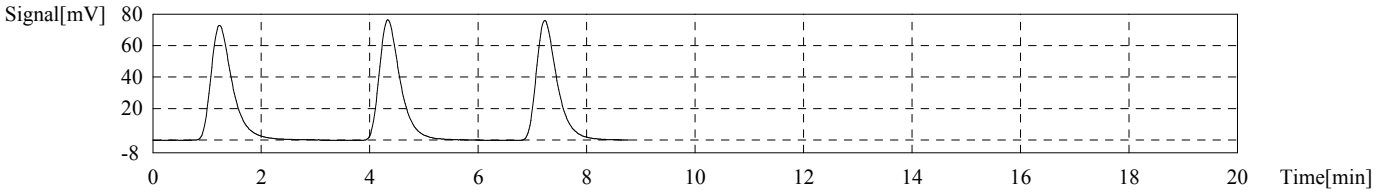
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:20.28mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	204.2	20.08mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:21:19 AM
2	208.6	20.52mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:25:12 AM
3	205.7	20.23mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:28:57 AM

Mean Area 206.2
Mean Conc. 20.28mg/L



Sample

Sample Name: BJF0403-MSD1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

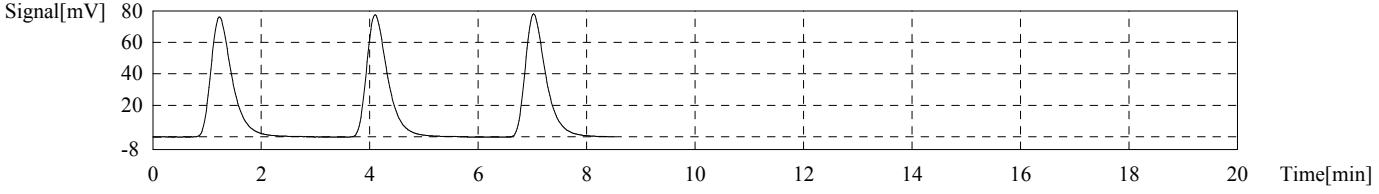
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:20.76mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	210.3	20.68mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:39:37 AM
2	212.5	20.90mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:43:31 AM
3	210.4	20.69mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:47:12 AM

Mean Area 211.1
Mean Conc. 20.76mg/L



Sample

Sample Name: 21F0123-02
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

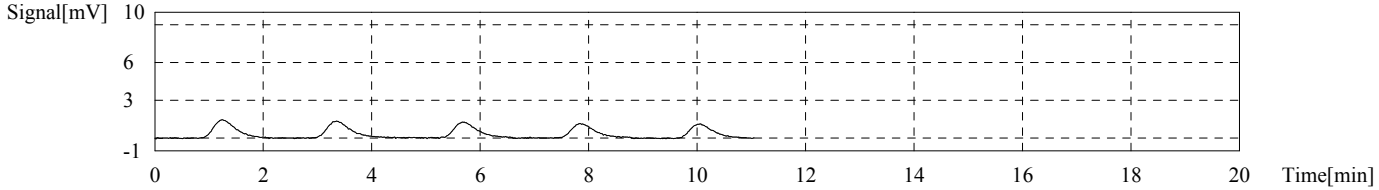
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3407mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.089	0.4022mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 9:57:09 AM
2	4.002	0.3936mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:01:10 AM
3	3.475	0.3418mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:04:47 AM
4	3.255	0.3201mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:08:35 AM
5	3.663	0.3603mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:12:27 AM

Mean Area 3.464
Mean Conc. 0.3407mg/L



Sample

Sample Name: 21F0123-03
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

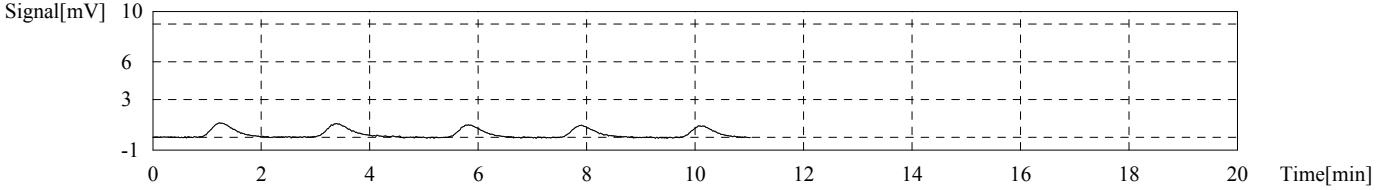
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2895mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.387	0.3331mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:22:19 AM
2	3.498	0.3440mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:26:24 AM
3	3.038	0.2988mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:29:50 AM
4	2.975	0.2926mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:33:45 AM
5	2.818	0.2772mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:37:30 AM

Mean Area 2.944
Mean Conc. 0.2895mg/L



Sample

Sample Name: 21F0123-04
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

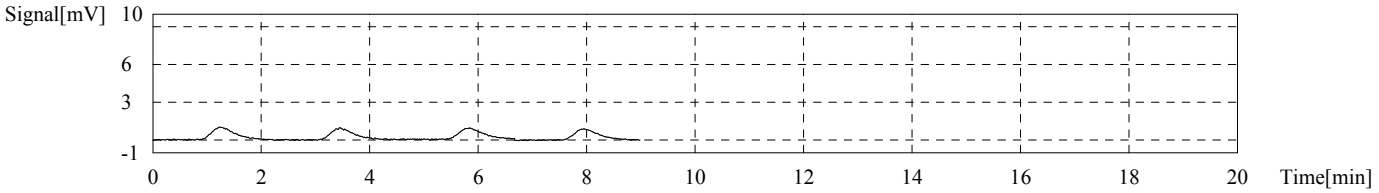
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2890mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.941	0.2893mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:47:27 AM
2	2.874	0.2827mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:51:23 AM
3	2.600	0.2557mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:54:56 AM
4	2.999	0.2950mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 10:58:55 AM

Mean Area 2.938
Mean Conc. 0.2890mg/L



Sample

Sample Name: 21F0123-06
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

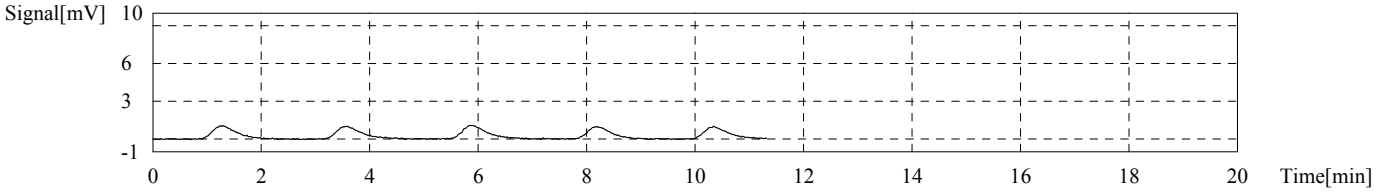
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2949mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.459	0.3402mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:08:57 AM
2	3.083	0.3032mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:12:46 AM
3	3.333	0.3278mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:16:33 AM
4	2.940	0.2892mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:20:10 AM
5	2.971	0.2922mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:24:02 AM

Mean Area 2.998
Mean Conc. 0.2949mg/L



Sample

Sample Name: 21F0123-07
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

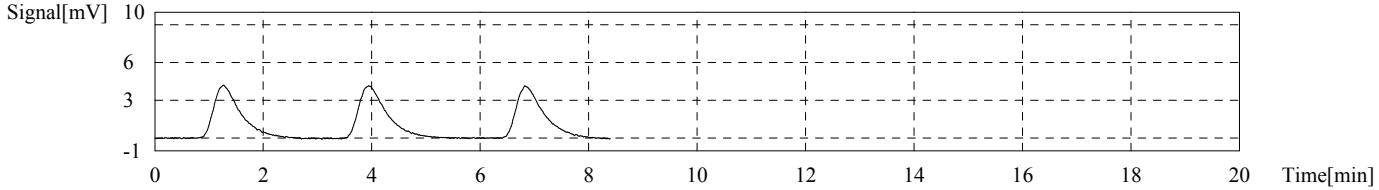
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:1.491mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	14.84	1.460mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:34:26 AM
2	15.33	1.508mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:38:28 AM
3	15.31	1.506mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:42:17 AM

Mean Area 15.16
Mean Conc. 1.491mg/L



Sample

Sample Name: 21F0123-08
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

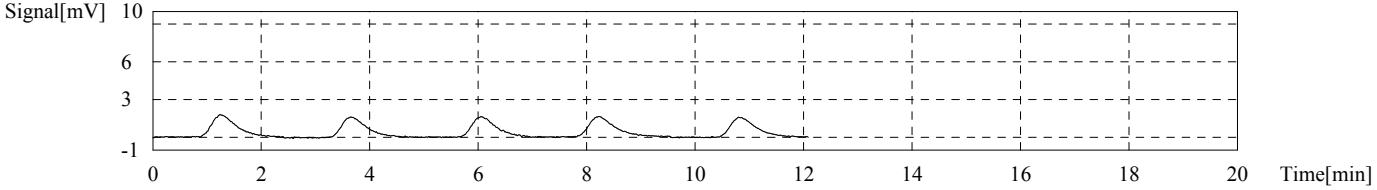
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5445mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.566	0.5474mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:52:36 AM
2	5.367	0.5279mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:56:24 AM
3	4.982	0.4900mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 11:59:55 AM
4	5.605	0.5513mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:04:09 PM
5	5.437	0.5347mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:07:52 PM

Mean Area 5.536
Mean Conc. 0.5445mg/L



Sample

Sample Name: 21F0123-09
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

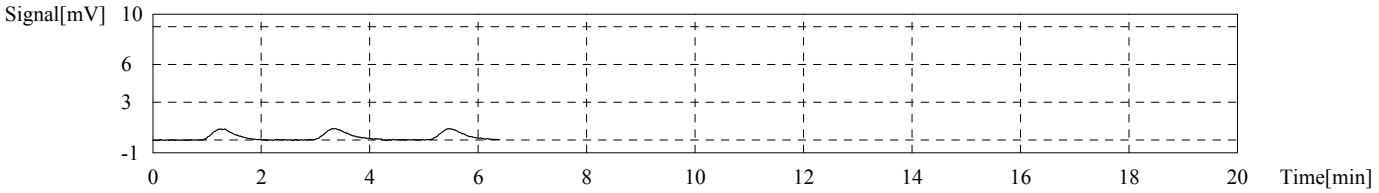
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2548mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.542	0.2500mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:17:59 PM
2	2.607	0.2564mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:21:49 PM
3	2.622	0.2579mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:25:39 PM

Mean Area 2.590
Mean Conc. 0.2548mg/L



Sample

Sample Name: 21F0123-10
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

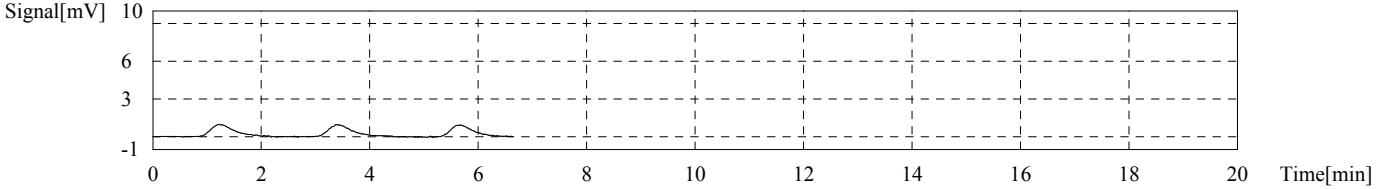
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2828mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.870	0.2823mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:35:34 PM
2	2.781	0.2735mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:39:26 PM
3	2.974	0.2925mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:43:11 PM

Mean Area 2.875
Mean Conc. 0.2828mg/L



Control Sample

Sample Name: SEQ-CCV5
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.37 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

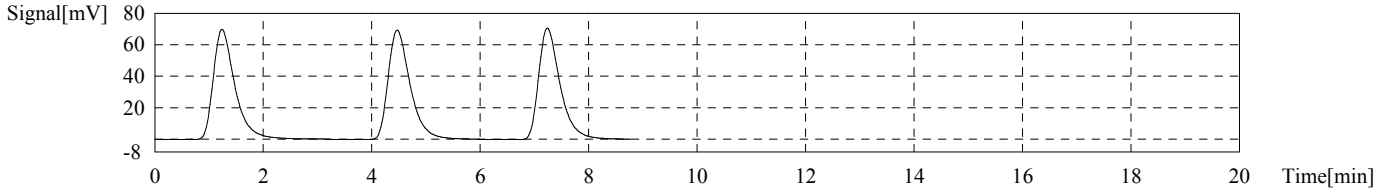
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.37ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	196.2	19.31ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:54:15 PM
2	197.8	19.47ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 12:58:01 PM
3	196.4	19.33ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:01:47 PM

Mean Area 196.8
Mean Conc. 19.37ppm



Control Sample

Sample Name: SEQ-CCB5
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1586 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

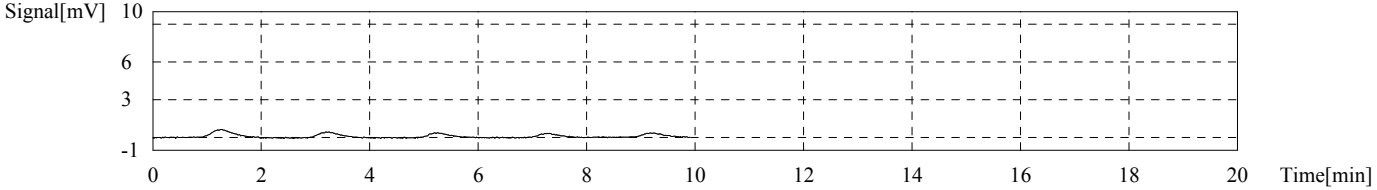
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1586mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.652	0.1804mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:11:39 PM
2	1.259	0.1417mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:15:13 PM
3	1.380	0.1536mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:18:43 PM
4	0.8912	0.1055mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:22:06 PM
5	0.8766	0.1041mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:25:38 PM

Mean Area 1.430
Mean Conc. 0.1586mg/L



Sample

Sample Name: 21F0123-11
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

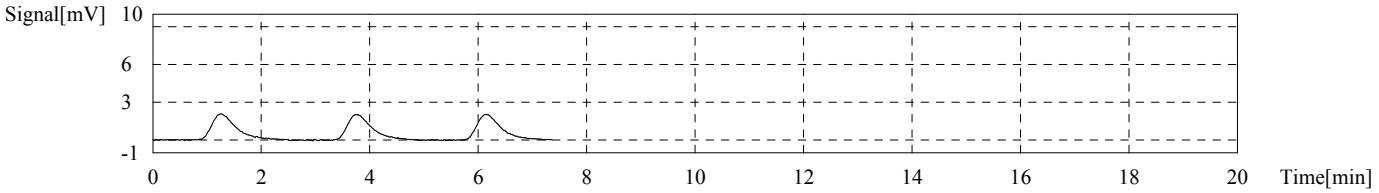
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6348mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.414	0.6308mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:36:01 PM
2	6.368	0.6263mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:39:41 PM
3	6.581	0.6473mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:43:34 PM

Mean Area 6.454
Mean Conc. 0.6348mg/L



Sample

Sample Name: 21F0123-12
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

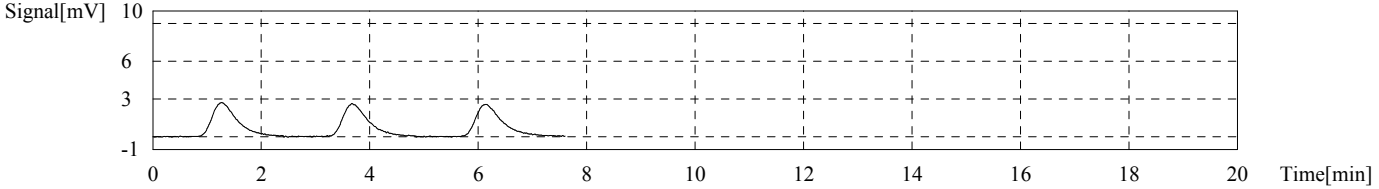
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.8458mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.581	0.8440mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:54:11 PM
2	8.453	0.8314mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 1:58:01 PM
3	8.765	0.8621mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:02:06 PM

Mean Area 8.600
Mean Conc. 0.8458mg/L



Sample

Sample Name: 21F0123-13
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

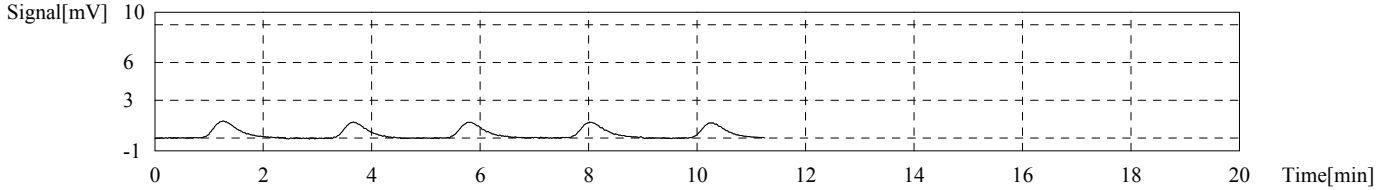
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3712mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.229	0.4159mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:12:20 PM
2	4.064	0.3997mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:15:51 PM
3	3.913	0.3849mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:19:44 PM
4	3.746	0.3684mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:23:31 PM
5	3.664	0.3604mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:27:19 PM

Mean Area 3.774
Mean Conc. 0.3712mg/L



Sample

Sample Name: 21F0123-14
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

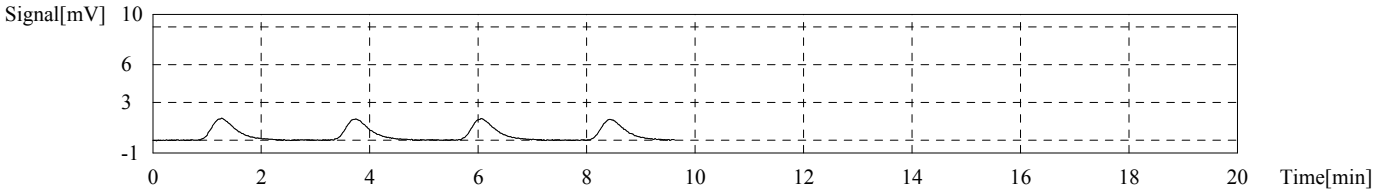
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5216mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.714	0.5620mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:37:33 PM
2	5.301	0.5214mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:41:11 PM
3	5.305	0.5218mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:45:02 PM
4	5.305	0.5218mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:48:53 PM

Mean Area 5.304
Mean Conc. 0.5216mg/L



Sample

Sample Name: 21F0123-15
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

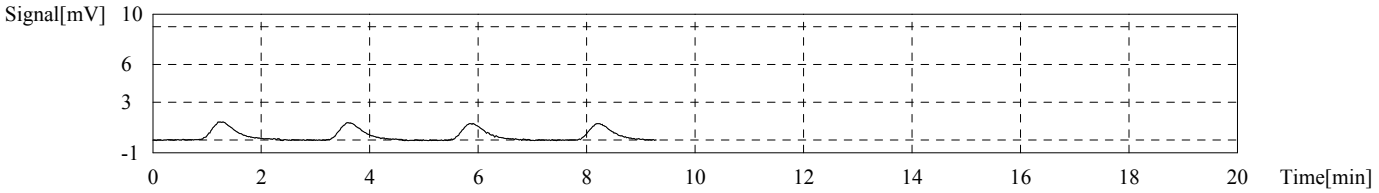
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4007mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.306	0.4235mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 2:59:00 PM
2	4.063	0.3996mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:02:41 PM
3	4.123	0.4055mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:06:34 PM
4	4.035	0.3969mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:10:20 PM

Mean Area 4.074
Mean Conc. 0.4007mg/L



Sample

Sample Name: 21F0123-16
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

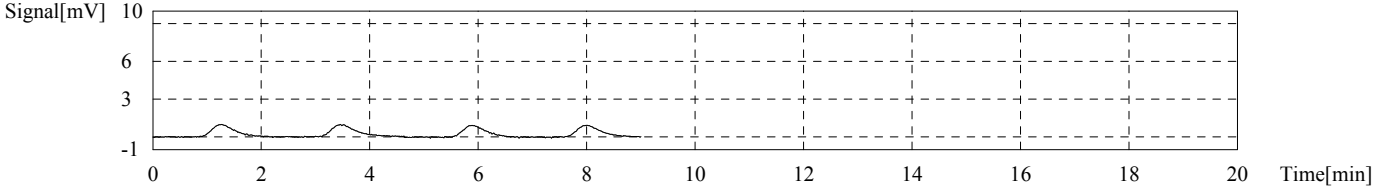
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2873mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.909	0.2861mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:20:18 PM
2	3.098	0.3047mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:24:19 PM
3	2.871	0.2824mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:27:46 PM
4	2.984	0.2935mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:31:43 PM

Mean Area 2.921
Mean Conc. 0.2873mg/L



Sample

Sample Name: 21F0123-17
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

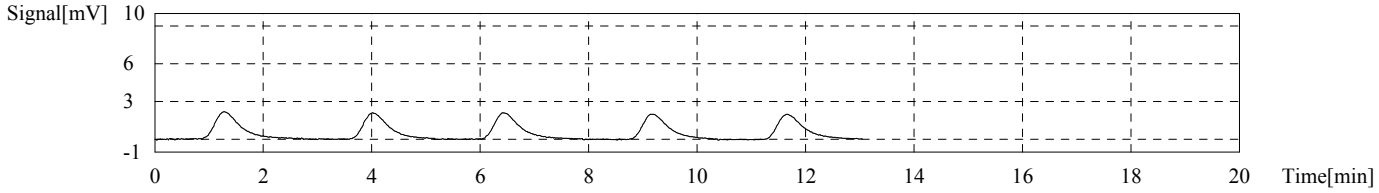
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6857mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.484	0.7361mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:42:12 PM
2	6.633	0.6524mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:45:40 PM
3	7.138	0.7020mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:49:46 PM
4	6.914	0.6800mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:53:18 PM
5	6.863	0.6750mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 3:57:17 PM

Mean Area 6.972
Mean Conc. 0.6857mg/L



Sample

Sample Name: 21F0123-19
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

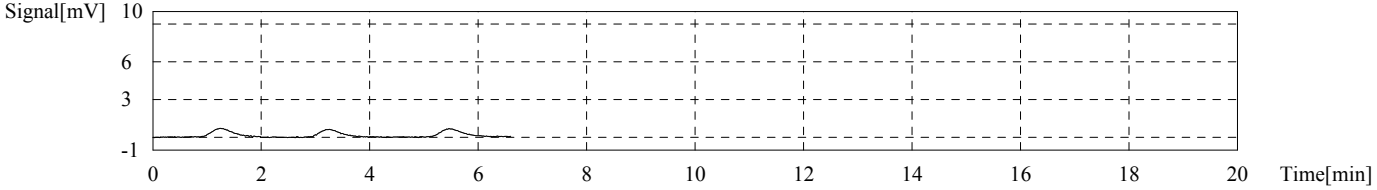
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1855mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.786	0.1757mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:07:10 PM
2	1.937	0.1905mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:11:12 PM
3	1.935	0.1903mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:15:08 PM

Mean Area 1.886
Mean Conc. 0.1855mg/L



Sample

Sample Name: 21F0123-21
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

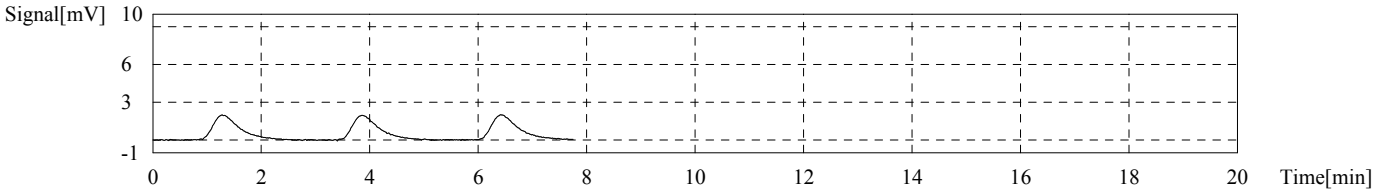
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6627mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.662	0.6552mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:25:27 PM
2	6.793	0.6681mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:29:14 PM
3	6.759	0.6648mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:33:04 PM

Mean Area 6.738
Mean Conc. 0.6627mg/L



Control Sample

Sample Name: SEQ-CCV6
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.51 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

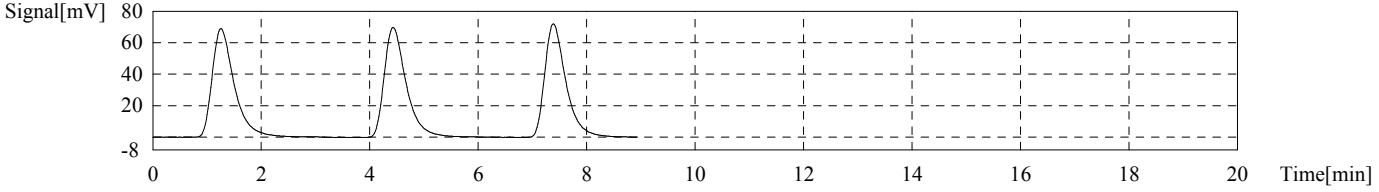
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.51ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	198.5	19.54ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:44:15 PM
2	198.4	19.53ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:48:13 PM
3	197.7	19.46ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 4:52:00 PM

Mean Area 198.2
Mean Conc. 19.51ppm



TOC-Control L Report

RMS
2021_06_15_001.tlx

Control Sample

Sample Name: SEQ-CCB6
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1329 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

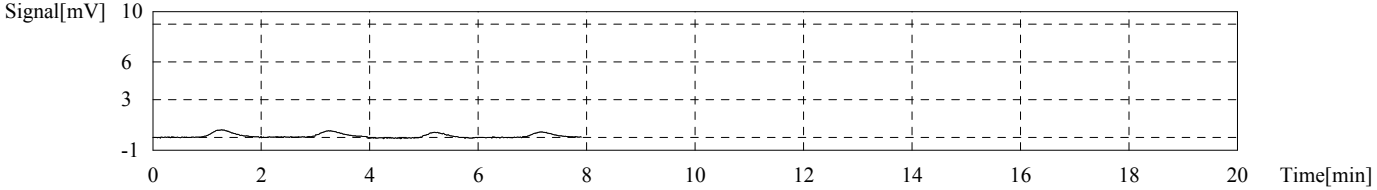
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1329mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.630	0.1782mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:01:53 PM
2	1.246	0.1404mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:05:20 PM
3	1.194	0.1353mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:08:50 PM
4	1.069	0.1230mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/16/2021 5:12:23 PM

Mean Area 1.170
Mean Conc. 0.1329mg/L



	Type	Analysis	Sample Name	Sample ID	Origin	Manua	Result	Notes	Status
1	Unknown	NPOC	Rinse		NPOC 0.5 - 50 p	1.000	NPOC:0.08800mg/L		Completed
2	Control	NPOC	SEQ-ICV1	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.66ppm	Control v	Completed
3	Control	NPOC	SEQ-ICB1		ICB CCB.tpl	1.000	NPOC:0.1698mg/L	Control v	Completed
4	Unknown	NPOC	SEQ-IFA1		NPOC 0.5 - 50 p	1.000	NPOC:19.99mg/L		Completed
5	Unknown	NPOC	BJF0382-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.5561mg/L		Completed
6	Unknown	NPOC	BJF0382-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:2.642mg/L		Completed
7	Unknown	NPOC	BJF0382-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.30mg/L		Completed
8	Unknown	NPOC	21F0122-01		NPOC 0.5 - 50 p	50.00	NPOC:8951mg/L		Completed
9	Unknown	NPOC	21F0125-01		NPOC 0.5 - 50 p	50.00	NPOC:122.4mg/L		Completed
10	Unknown	NPOC	21F0126-01		NPOC 0.5 - 50 p	50.00	NPOC:477.8mg/L		Completed
11	Unknown	NPOC	BJF0382-DUP1		NPOC 0.5 - 50 p	50.00	NPOC:460.9mg/L		Completed
12	Unknown	NPOC	BJF0382-MS1		NPOC 0.5 - 50 p	50.00	NPOC:868.1mg/L		Completed
13	Unknown	NPOC	21F0127-01		NPOC 0.5 - 50 p	50.00	NPOC:396.6mg/L		Completed
14	Control	NPOC	SEQ-CCV1	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.07ppm	Control v	Completed
15	Control	NPOC	SEQ-CCB1		ICB CCB.tpl	1.000	NPOC:0.2430mg/L	Control v	Completed
16	Unknown	NPOC	BJF0394-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.5529mg/L		Completed
17	Unknown	NPOC	BJF0394-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:1.606mg/L		Completed
18	Unknown	NPOC	BJF0394-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.70mg/L		Completed
19	Unknown	NPOC	21F0046-01		NPOC 0.5 - 50 p	50.00	NPOC:1487mg/L		Completed
20	Unknown	NPOC	BJF0394-DUP1		NPOC 0.5 - 50 p	50.00	NPOC:1489mg/L		Completed
21	Unknown	NPOC	BJF0394-MS1		NPOC 0.5 - 50 p	50.00	NPOC:1830mg/L		Completed
22	Unknown	NPOC	BJF0397-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.6362mg/L		Completed
23	Unknown	NPOC	BJF0397-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.8808mg/L		Completed
24	Unknown	NPOC	BJF0397-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.65mg/L		Completed
25	Unknown	NPOC	21F0077-01		NPOC 0.5 - 50 p	50.00	NPOC:691.1mg/L		Completed
26	Control	NPOC	SEQ-CCV2	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.89ppm	Control v	Completed
27	Control	NPOC	SEQ-CCB2		ICB CCB.tpl	1.000	NPOC:0.1740mg/L	Control v	Completed
28	Unknown	NPOC	BJF0397-DUP1		NPOC 0.5 - 50 p	50.00	NPOC:711.6mg/L		Completed
29	Unknown	NPOC	BJF0397-MS1		NPOC 0.5 - 50 p	50.00	NPOC:1073mg/L		Completed
30	Unknown	NPOC	BJF0398-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.6191mg/L		Completed
31	Unknown	NPOC	BJF0398-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:2.578mg/L		Completed
32	Unknown	NPOC	BJF0398-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.98mg/L		Completed
33	Unknown	NPOC	21F0102-01		NPOC 0.5 - 50 p	50.00	NPOC:1341mg/L		Completed
34	Unknown	NPOC	21F0103-01		NPOC 0.5 - 50 p	50.00	NPOC:318.0mg/L		Completed
35	Unknown	NPOC	BJF0398-DUP1		NPOC 0.5 - 50 p	50.00	NPOC:298.1mg/L		Completed
36	Unknown	NPOC	BJF0398-MS1		NPOC 0.5 - 50 p	50.00	NPOC:739.6mg/L		Completed
37	Unknown	NPOC	BJF0399-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.4918mg/L		Completed
38	Control	NPOC	SEQ-CCV3	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.83ppm	Control v	Completed
39	Control	NPOC	SEQ-CCB3		ICB CCB.tpl	1.000	NPOC:0.2060mg/L	Control v	Completed
40	Unknown	NPOC	BJF0399-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.2197mg/L		Completed
41	Unknown	NPOC	BJF0399-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.83mg/L		Completed
42	Unknown	NPOC	21F0091-01		NPOC 0.5 - 50 p	50.00	NPOC:528.5mg/L		Completed
43	Unknown	NPOC	BJF0399-DUP1		NPOC 0.5 - 50 p	50.00	NPOC:533.1mg/L		Completed
44	Unknown	NPOC	BJF0399-MS1		NPOC 0.5 - 50 p	50.00	NPOC:927.1mg/L		Completed
45	Unknown	NPOC	BJF0403-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.6977mg/L		Completed
46	Unknown	NPOC	BJF0403-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.1241mg/L		Completed
47	Unknown	NPOC	BJF0403-BS1		NPOC 0.5 - 50 p	1.000	NPOC:20.01mg/L		Completed
48	Unknown	NPOC	21F0123-01		NPOC 0.5 - 50 p	1.000	NPOC:0.3594mg/L		Completed
49	Unknown	NPOC	BJF0403-DUP1		NPOC 0.5 - 50 p	1.000	NPOC:0.3398mg/L		Completed
50	Control	NPOC	SEQ-CCV4	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.35ppm	Control v	Completed
51	Control	NPOC	SEQ-CCB4		ICB CCB.tpl	1.000	NPOC:0.1410mg/L	Control v	Completed
52	Unknown	NPOC	BJF0403-MS1		NPOC 0.5 - 50 p	1.000	NPOC:20.28mg/L		Completed
53	Unknown	NPOC	BJF0403-MSD1		NPOC 0.5 - 50 p	1.000	NPOC:20.76mg/L		Completed

	Date / Time	Vial
1	6/15/2021 2:09:29 PM	0
2	6/15/2021 2:28:02 PM	3
3	6/15/2021 2:51:57 PM	4
4	6/15/2021 3:10:28 PM	9
5	6/15/2021 3:36:01 PM	10
6	6/15/2021 4:04:22 PM	11
7	6/15/2021 4:22:53 PM	12
8	6/15/2021 4:48:35 PM	13
9	6/15/2021 5:14:44 PM	14
10	6/15/2021 5:35:19 PM	15
11	6/15/2021 5:55:55 PM	16
12	6/15/2021 6:16:34 PM	17
13	6/15/2021 6:35:40 PM	18
14	6/15/2021 6:54:28 PM	3
15	6/15/2021 7:18:41 PM	4
16	6/15/2021 7:44:31 PM	19
17	6/15/2021 8:07:59 PM	20
18	6/15/2021 8:26:35 PM	21
19	6/15/2021 8:45:42 PM	22
20	6/15/2021 9:05:04 PM	23
21	6/15/2021 9:24:35 PM	24
22	6/15/2021 9:50:06 PM	25
23	6/15/2021 10:16:42 PM	26
24	6/15/2021 10:35:32 PM	27
25	6/15/2021 10:59:50 PM	28
26	6/15/2021 11:18:31 PM	5
27	6/15/2021 11:42:20 PM	6
28	6/16/2021 12:07:00 AM	29
29	6/16/2021 12:31:17 AM	30
30	6/16/2021 12:56:50 AM	31
31	6/16/2021 1:26:15 AM	32
32	6/16/2021 1:45:21 AM	33
33	6/16/2021 2:16:02 AM	34
34	6/16/2021 2:43:07 AM	35
35	6/16/2021 3:02:16 AM	36
36	6/16/2021 3:22:07 AM	37
37	6/16/2021 3:43:48 AM	38
38	6/16/2021 4:02:51 AM	5
39	6/16/2021 4:26:54 AM	6
40	6/16/2021 4:52:11 AM	39
41	6/16/2021 5:10:49 AM	40
42	6/16/2021 5:39:05 AM	41
43	6/16/2021 6:07:30 AM	42
44	6/16/2021 6:27:26 AM	43
45	6/16/2021 6:52:58 AM	44
46	6/16/2021 7:18:20 AM	45
47	6/16/2021 7:37:06 AM	46
48	6/16/2021 8:02:22 AM	47
49	6/16/2021 8:27:42 AM	48
50	6/16/2021 8:46:16 AM	7
51	6/16/2021 9:10:16 AM	8
52	6/16/2021 9:28:57 AM	49
53	6/16/2021 9:47:12 AM	50

	Type	Analysis	Sample Name	Sample ID	Origin	Manua	Result	Notes	Status
54	Unknown	NPOC	21F0123-02		NPOC 0.5 - 50 p	1.000	NPOC:0.3407mg/L		Completed
55	Unknown	NPOC	21F0123-03		NPOC 0.5 - 50 p	1.000	NPOC:0.2895mg/L		Completed
56	Unknown	NPOC	21F0123-04		NPOC 0.5 - 50 p	1.000	NPOC:0.2890mg/L		Completed
57	Unknown	NPOC	21F0123-06		NPOC 0.5 - 50 p	1.000	NPOC:0.2949mg/L		Completed
58	Unknown	NPOC	21F0123-07		NPOC 0.5 - 50 p	1.000	NPOC:1.491mg/L		Completed
59	Unknown	NPOC	21F0123-08		NPOC 0.5 - 50 p	1.000	NPOC:0.5445mg/L		Completed
60	Unknown	NPOC	21F0123-09		NPOC 0.5 - 50 p	1.000	NPOC:0.2548mg/L		Completed
61	Unknown	NPOC	21F0123-10		NPOC 0.5 - 50 p	1.000	NPOC:0.2828mg/L		Completed
62	Control	NPOC	SEQ-CCV5	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.37ppm	Control v	Completed
63	Control	NPOC	SEQ-CCB5		ICB CCB.tpl	1.000	NPOC:0.1586mg/L	Control v	Completed
64	Unknown	NPOC	21F0123-11		NPOC 0.5 - 50 p	1.000	NPOC:0.6348mg/L		Completed
65	Unknown	NPOC	21F0123-12		NPOC 0.5 - 50 p	1.000	NPOC:0.8458mg/L		Completed
66	Unknown	NPOC	21F0123-13		NPOC 0.5 - 50 p	1.000	NPOC:0.3712mg/L		Completed
67	Unknown	NPOC	21F0123-14		NPOC 0.5 - 50 p	1.000	NPOC:0.5216mg/L		Completed
68	Unknown	NPOC	21F0123-15		NPOC 0.5 - 50 p	1.000	NPOC:0.4007mg/L		Completed
69	Unknown	NPOC	21F0123-16		NPOC 0.5 - 50 p	1.000	NPOC:0.2873mg/L		Completed
70	Unknown	NPOC	21F0123-17		NPOC 0.5 - 50 p	1.000	NPOC:0.6857mg/L		Completed
71	Unknown	NPOC	21F0123-19		NPOC 0.5 - 50 p	1.000	NPOC:0.1855mg/L		Completed
72	Unknown	NPOC	21F0123-21		NPOC 0.5 - 50 p	1.000	NPOC:0.6627mg/L		Completed
73	Control	NPOC	SEQ-CCV6	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.51ppm	Control v	Completed
74	Control	NPOC	SEQ-CCB6		ICB CCB.tpl	1.000	NPOC:0.1329mg/L	Control v	Completed

	Date / Time	Vial
54	6/16/2021 10:12:27 AM	51
55	6/16/2021 10:37:30 AM	52
56	6/16/2021 10:58:55 AM	53
57	6/16/2021 11:24:02 AM	54
58	6/16/2021 11:42:17 AM	55
59	6/16/2021 12:07:52 PM	56
60	6/16/2021 12:25:39 PM	57
61	6/16/2021 12:43:11 PM	58
62	6/16/2021 1:01:47 PM	7
63	6/16/2021 1:25:38 PM	8
64	6/16/2021 1:43:34 PM	59
65	6/16/2021 2:02:06 PM	60
66	6/16/2021 2:27:19 PM	61
67	6/16/2021 2:48:53 PM	62
68	6/16/2021 3:10:20 PM	63
69	6/16/2021 3:31:43 PM	64
70	6/16/2021 3:57:17 PM	65
71	6/16/2021 4:15:08 PM	66
72	6/16/2021 4:33:04 PM	67
73	6/16/2021 4:52:00 PM	3
74	6/16/2021 5:12:23 PM	4

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0372
Instrument: TOC-LCSH
Calibration: EC00089

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
1	SJF0372-ICV1	dzuData_06282021@092	NA	06/21/21 12:52
1	SJF0372-ICB1	dzuData_06282021@092	NA	06/21/21 13:17
1	SJF0372-IFA1	dzuData_06282021@092	NA	06/21/21 13:34
MRL Check	BJF0558-MRL1	dzuData_06282021@092	Water	06/21/21 13:52
Blank	BJF0558-BLK1	dzuData_06282021@092	Water	06/21/21 14:21
LCS	BJF0558-BS1	dzuData_06282021@092	Water	06/21/21 14:43
DS-17I-GW-060421	21F0123-18	dzuData_06282021@092	Water	06/21/21 15:08
DS-17I-GW-060421	BJF0558-DUP1	dzuData_06282021@092	Water	06/21/21 15:26
DS-17I-GW-060421	BJF0558-MS1	dzuData_06282021@092	Water	06/21/21 15:52
DS-17I-GW-060421	BJF0558-MSD1	dzuData_06282021@092	Water	06/21/21 16:10
SG-7R-WP-060421	21F0123-22	dzuData_06282021@092	Water	06/21/21 16:28
DS-12S-GW-060421	21F0123-23	dzuData_06282021@092	Water	06/21/21 16:54
1	SJF0372-CCV1	dzuData_06282021@092	NA	06/21/21 17:16
1	SJF0372-CCB1	dzuData_06282021@092	NA	06/21/21 17:40
DS-12I-GW-060421	21F0123-24	dzuData_06282021@092	Water	06/21/21 18:05
DS-12D-GW-060421	21F0123-25	dzuData_06282021@092	Water	06/21/21 18:23
DS-13S-GW-060421	21F0123-26	dzuData_06282021@092	Water	06/21/21 18:44
DS-13I-GW-060421	21F0123-27	dzuData_06282021@092	Water	06/21/21 19:05
DS-13D-GW-060421	21F0123-28	dzuData_06282021@092	Water	06/21/21 19:23
HBKG-2-GW-060421	21F0123-29	dzuData_06282021@092	Water	06/21/21 19:44
US-1S-GW-060421	21F0123-30	dzuData_06282021@092	Water	06/21/21 20:02
US-1I-GW-060421	21F0123-31	dzuData_06282021@092	Water	06/21/21 20:32
US-1D-GW-060421	21F0123-32	dzuData_06282021@092	Water	06/21/21 20:49
TP2-12D-GW-060521	21F0123-33	dzuData_06282021@092	Water	06/21/21 21:06
1	SJF0372-CCV2	dzuData_06282021@092	NA	06/21/21 21:25
1	SJF0372-CCB2	dzuData_06282021@092	NA	06/21/21 21:46
TP2-12S-GW-060521	21F0123-34	dzuData_06282021@092	Water	06/21/21 22:03
RC-6-SW-060521	21F0123-35	dzuData_06282021@092	Water	06/21/21 22:21
RC-6-PW-6-060521	21F0123-37	dzuData_06282021@092	Water	06/21/21 22:39
RC-6-PW-12-060521	21F0123-38	dzuData_06282021@092	Water	06/21/21 22:57

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ANALYSIS BATCH (SEQUENCE) SUMMARY

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Sequence: SJF0372
Instrument: TOC-LCSH
Calibration: EC00089

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
RC-6-WP-36-060521	21F0123-39	dzuData_06282021@092	Water	06/21/21 23:19
RC-1-SW-060521	21F0123-40	dzuData_06282021@092	Water	06/21/21 23:41
1	SJF0372-CCV3	dzuData_06282021@092	NA	06/22/21 01:27
1	SJF0372-CCB3	dzuData_06282021@092	NA	06/22/21 01:51
1	SJF0372-CCV4	dzuData_06282021@092	NA	06/22/21 05:43
1	SJF0372-CCB4	dzuData_06282021@092	NA	06/22/21 06:08
1	SJF0372-CCV5	dzuData_06282021@092	NA	06/22/21 09:56
1	SJF0372-CCB5	dzuData_06282021@092	NA	06/22/21 10:20
1	SJF0372-CCV6	dzuData_06282021@092	NA	06/22/21 11:40
1	SJF0372-CCB6	dzuData_06282021@092	NA	06/22/21 12:04

TOC-Control L Report

RMS
2021_06_21_001.tlx

Instr.Information

Instrument Options: TOC/ASI/IC Unit/
Catalyst: Regular Sensitivity

Sample

Sample Name: Rinse
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status: Completed
Chk. Result:

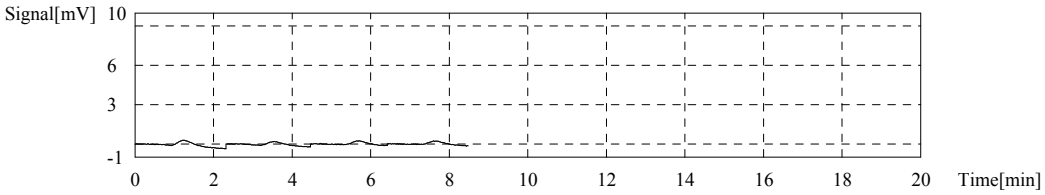
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.07878mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.122	0.1104mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 12:31:38 PM
2	0.8530	0.08390mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 12:34:58 PM
3	0.7933	0.07802mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 12:38:16 PM
4	0.7567	0.07442mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 12:41:53 PM

Mean Area 0.8010
Mean Conc. 0.07878mg/L



Control Sample

Sample Name: SEQ-ICV1
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status: Completed
Chk. Result: Control value: 20.05 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

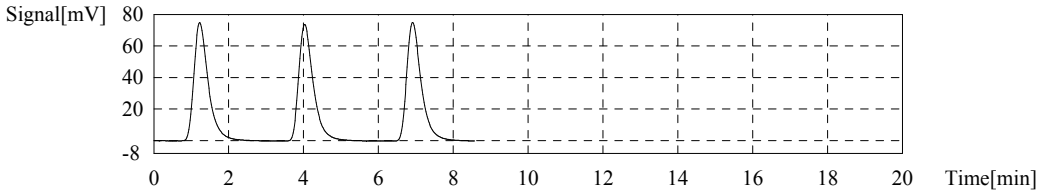
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.05ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.0	19.98ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 12:52:24 PM
2	202.7	19.95ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 12:56:17 PM
3	205.4	20.22ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:00:10 PM

Mean Area 203.7
Mean Conc. 20.05ppm



Control Sample

Sample Name: SEQ-ICB1
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1325 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

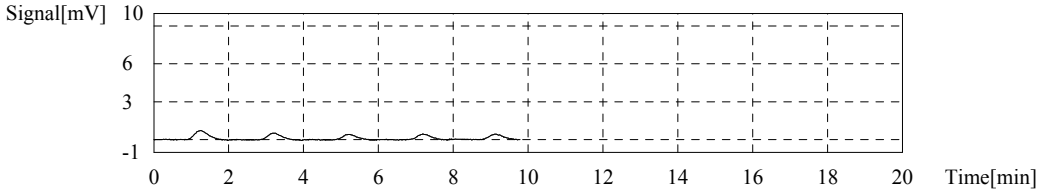
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1325mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.918	0.2065mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:10:02 PM
2	1.430	0.1585mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:13:34 PM
3	1.180	0.1340mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:17:03 PM
4	1.193	0.1352mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:20:30 PM
5	1.123	0.1283mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:23:58 PM

Mean Area 1.165
Mean Conc. 0.1325mg/L



Sample

Sample Name: SEQ-IFA1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

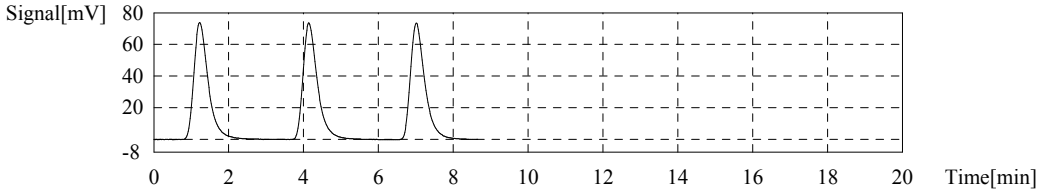
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.67mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	200.2	19.69mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:34:38 PM
2	199.4	19.61mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:38:30 PM
3	200.3	19.70mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:42:22 PM

Mean Area 200.0
Mean Conc. 19.67mg/L



Sample

Sample Name: BJF0558-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

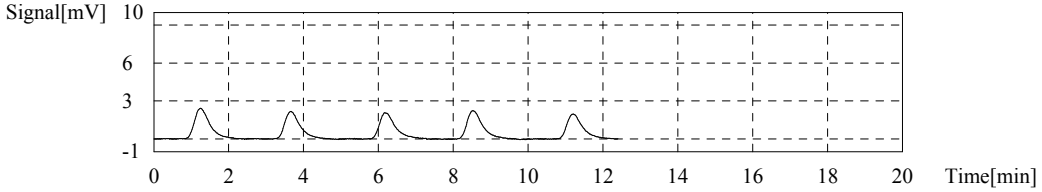
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6656mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.002	0.6887mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:52:41 PM
2	6.493	0.6386mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 1:56:35 PM
3	6.025	0.5926mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:00:10 PM
4	6.807	0.6695mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:04:17 PM
5	5.905	0.5808mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:07:51 PM

Mean Area 6.767
Mean Conc. 0.6656mg/L



Sample

Sample Name: BJF0558-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

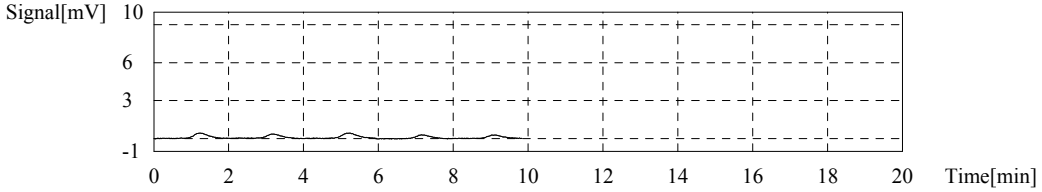
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.07923mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.251	0.1230mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:17:31 PM
2	0.9401	0.09246mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:21:21 PM
3	1.102	0.1084mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:25:07 PM
4	0.8001	0.07869mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:28:50 PM
5	0.6766	0.06655mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:32:41 PM

Mean Area 0.8056
Mean Conc. 0.07923mg/L



Sample

Sample Name: BJF0558-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

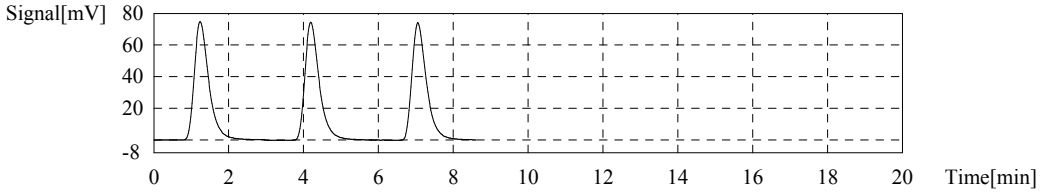
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.96mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	205.0	20.16mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:43:21 PM
2	201.0	19.77mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:47:11 PM
3	202.7	19.94mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 2:50:58 PM

Mean Area 202.9
Mean Conc. 19.96mg/L



Sample

Sample Name: 21F0123-18
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

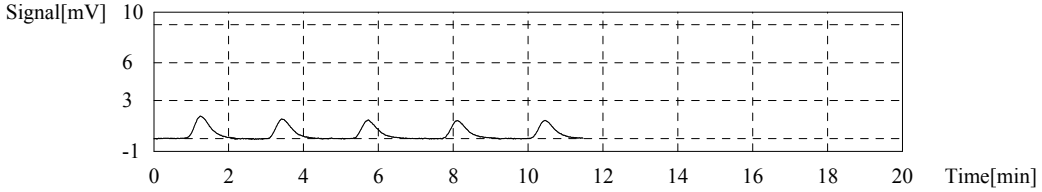
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4276mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.114	0.5030mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:01:02 PM
2	4.698	0.4621mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:04:57 PM
3	4.435	0.4362mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:08:49 PM
4	4.352	0.4280mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:12:34 PM
5	4.257	0.4187mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:16:16 PM

Mean Area 4.348
Mean Conc. 0.4276mg/L



Sample

Sample Name: BJF0558-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

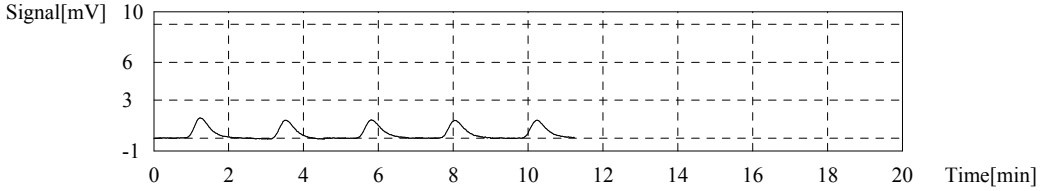
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4442mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.640	0.4564mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:26:15 PM
2	4.473	0.4399mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:30:03 PM
3	4.437	0.4364mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:33:48 PM
4	4.232	0.4162mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:37:31 PM
5	4.110	0.4042mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:41:22 PM

Mean Area 4.517
Mean Conc. 0.4442mg/L



Sample

Sample Name: BJF0558-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

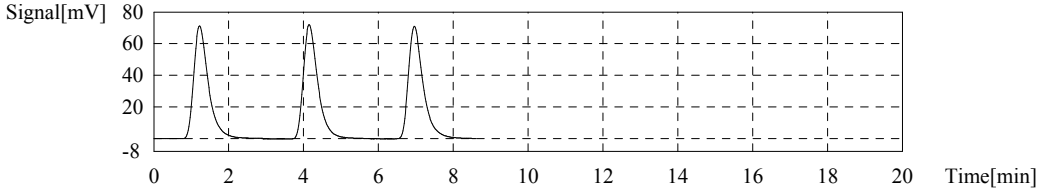
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.34mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	196.5	19.33mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:52:00 PM
2	196.1	19.29mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:55:47 PM
3	197.2	19.40mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 3:59:39 PM

Mean Area 196.6
Mean Conc. 19.34mg/L



Sample

Sample Name: BJF0558-MSD1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

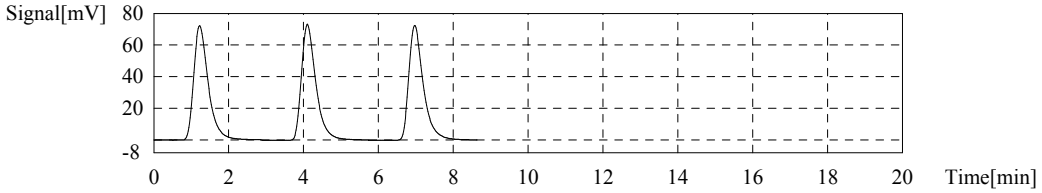
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.45mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	197.2	19.40mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:10:24 PM
2	198.7	19.54mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:14:16 PM
3	197.4	19.41mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:18:09 PM

Mean Area 197.8
Mean Conc. 19.45mg/L



Sample

Sample Name: 21F0123-22
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

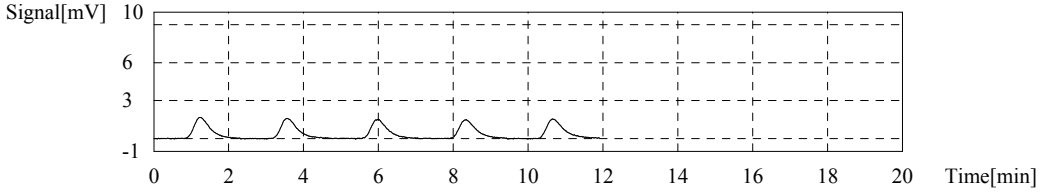
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4861mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.926	0.4845mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:28:22 PM
2	4.934	0.4853mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:32:15 PM
3	4.634	0.4558mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:35:58 PM
4	4.564	0.4489mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:39:44 PM
5	4.966	0.4884mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:43:40 PM

Mean Area 4.942
Mean Conc. 0.4861mg/L



Sample

Sample Name: 21F0123-23
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

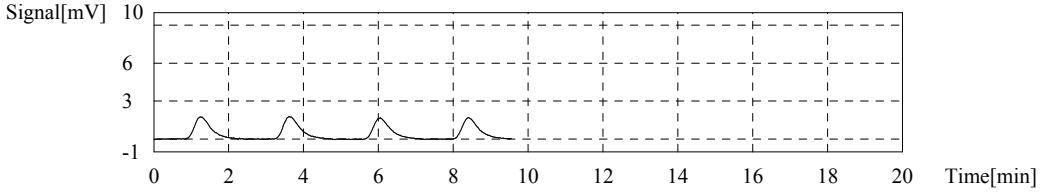
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5253mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.300	0.5213mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:54:14 PM
2	5.599	0.5507mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 4:58:01 PM
3	5.348	0.5260mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:01:46 PM
4	5.374	0.5285mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:05:36 PM

Mean Area 5.341
Mean Conc. 0.5253mg/L



Control Sample

Sample Name: SEQ-CCV1
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.13 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

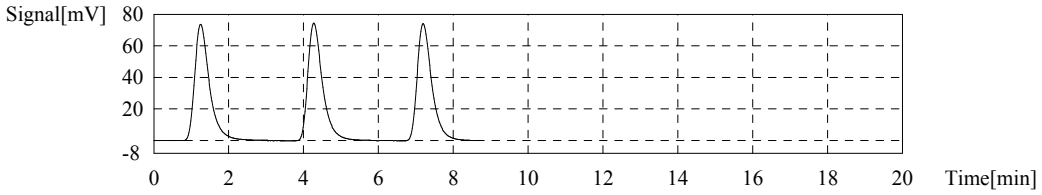
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.13ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	204.9	20.17ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:16:27 PM
2	205.2	20.20ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:20:21 PM
3	203.5	20.03ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:24:06 PM

Mean Area 204.5
Mean Conc. 20.13ppm



Control Sample

Sample Name: SEQ-CCB1
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1180 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

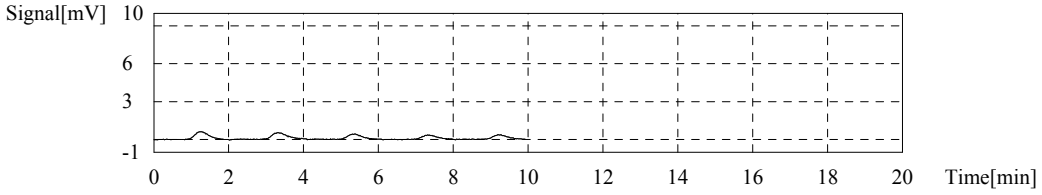
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1180mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.712	0.1863mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:34:03 PM
2	1.449	0.1604mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:37:30 PM
3	1.119	0.1280mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:40:59 PM
4	0.8603	0.1025mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:44:23 PM
5	1.075	0.1236mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:47:55 PM

Mean Area 1.018
Mean Conc. 0.1180mg/L



Sample

Sample Name: 21F0123-24
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

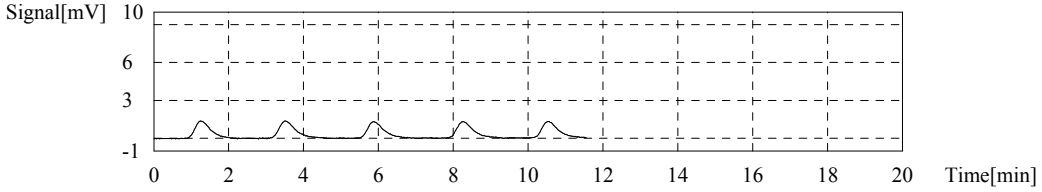
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3860mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.127	0.4059mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 5:58:00 PM
2	4.255	0.4185mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:01:54 PM
3	4.027	0.3961mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:05:42 PM
4	3.869	0.3805mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:09:22 PM
5	3.878	0.3814mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:13:10 PM

Mean Area 3.925
Mean Conc. 0.3860mg/L



Sample

Sample Name: 21F0123-25
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

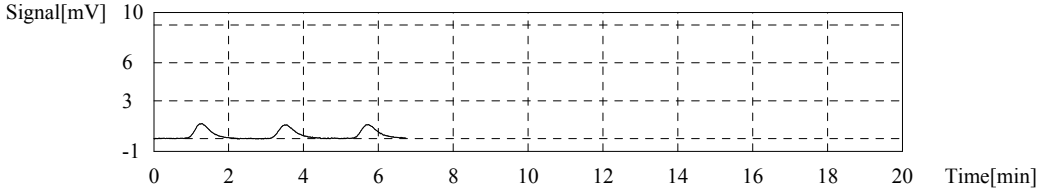
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3319mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.421	0.3365mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:23:06 PM
2	3.312	0.3257mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:26:52 PM
3	3.390	0.3334mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:30:43 PM

Mean Area 3.374
Mean Conc. 0.3319mg/L



Sample

Sample Name: 21F0123-26
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

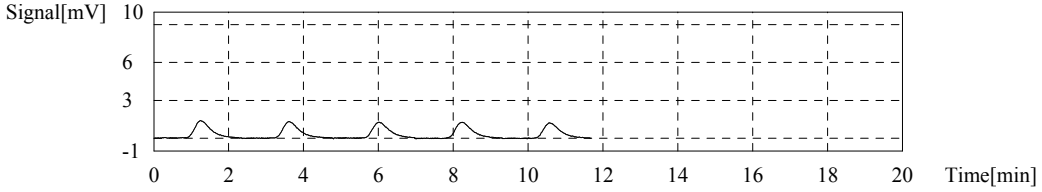
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3884mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.176	0.4107mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:40:46 PM
2	3.999	0.3933mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:44:36 PM
3	3.761	0.3699mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:48:12 PM
4	3.952	0.3887mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:52:06 PM
5	3.897	0.3833mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 6:55:56 PM

Mean Area 3.949
Mean Conc. 0.3884mg/L



Sample

Sample Name: 21F0123-27
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

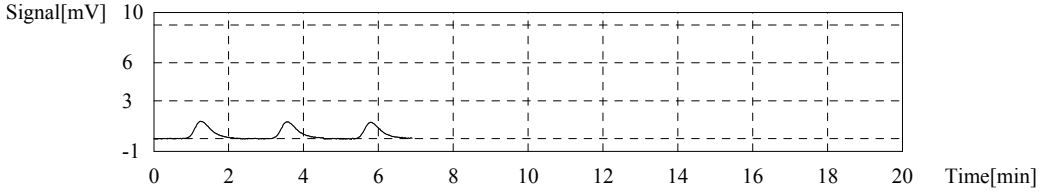
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4027mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.165	0.4096mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:05:56 PM
2	4.002	0.3936mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:09:39 PM
3	4.115	0.4047mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:13:34 PM

Mean Area 4.094
Mean Conc. 0.4027mg/L



Sample

Sample Name: 21F0123-28
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

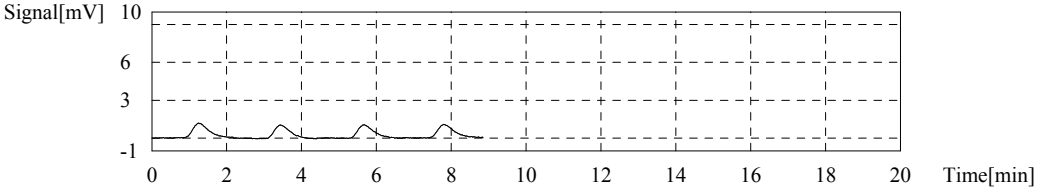
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3249mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.368	0.3313mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:23:27 PM
2	3.241	0.3188mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:27:16 PM
3	3.124	0.3073mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:30:59 PM
4	3.302	0.3248mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:34:55 PM

Mean Area 3.304
Mean Conc. 0.3249mg/L



Sample

Sample Name: 21F0123-29
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

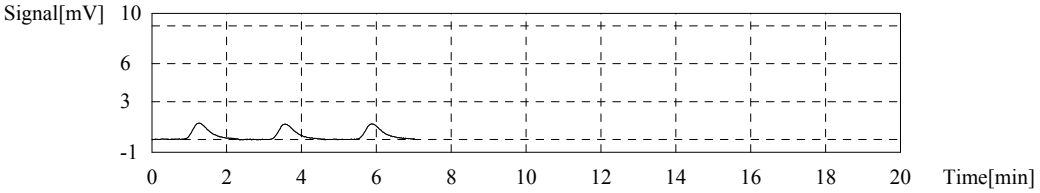
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3792mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.904	0.3840mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:44:55 PM
2	3.753	0.3691mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:48:43 PM
3	3.910	0.3846mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 7:52:35 PM

Mean Area 3.856
Mean Conc. 0.3792mg/L



Sample

Sample Name: 21F0123-30
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

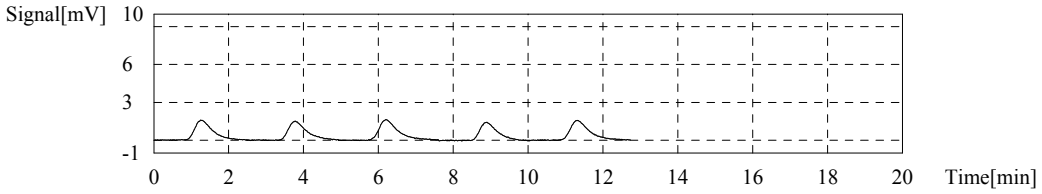
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5162mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.173	0.5088mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:02:47 PM
2	5.083	0.4999mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:06:30 PM
3	5.804	0.5708mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:10:31 PM
4	4.765	0.4687mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:14:04 PM
5	5.490	0.5400mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:18:07 PM

Mean Area 5.249
Mean Conc. 0.5162mg/L



Sample

Sample Name: 21F0123-31
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

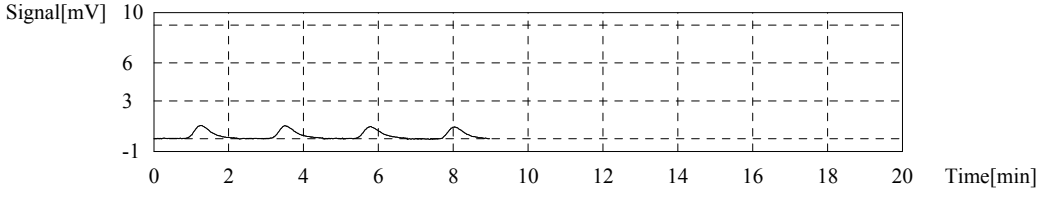
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.2996mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.266	0.3212mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:28:12 PM
2	3.115	0.3064mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:32:00 PM
3	3.070	0.3019mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:35:46 PM
4	2.952	0.2903mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:39:30 PM

Mean Area 3.046
Mean Conc. 0.2996mg/L



Sample

Sample Name: 21F0123-32
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

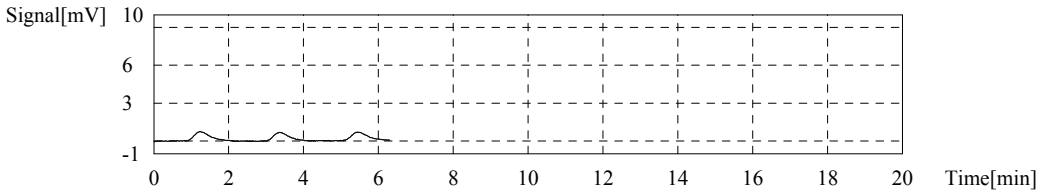
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.1968mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.086	0.2052mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:49:20 PM
2	1.998	0.1965mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:53:05 PM
3	1.920	0.1888mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 8:56:53 PM

Mean Area 2.001
Mean Conc. 0.1968mg/L



Sample

Sample Name: 21F0123-33
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

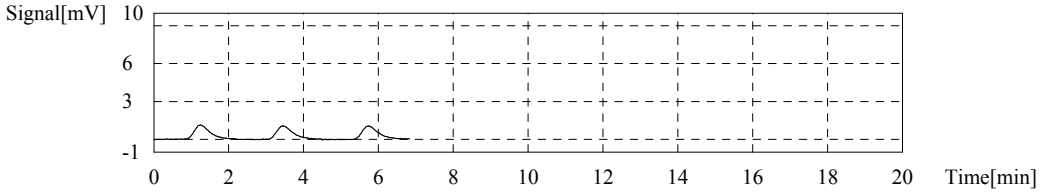
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3194mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.295	0.3241mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:06:48 PM
2	3.208	0.3155mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:10:40 PM
3	3.240	0.3187mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:14:31 PM

Mean Area 3.248
Mean Conc. 0.3194mg/L



Control Sample

Sample Name: SEQ-CCV2
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.93 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

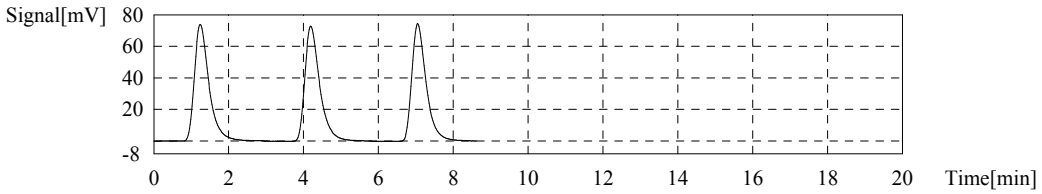
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.93ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.1	19.99ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:25:13 PM
2	203.5	20.03ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:29:03 PM
3	200.9	19.78ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:32:50 PM

Mean Area 202.5
Mean Conc. 19.93ppm



Control Sample

Sample Name: SEQ-CCB2
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1032 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

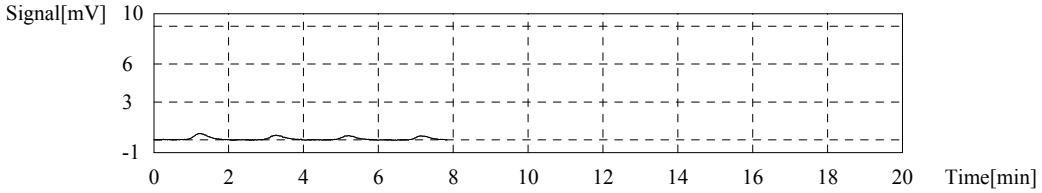
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1032mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.313	0.1470mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:42:46 PM
2	0.9307	0.1094mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:46:09 PM
3	0.8446	0.1010mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:49:43 PM
4	0.8276	0.09929mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 9:53:08 PM

Mean Area 0.8676
Mean Conc. 0.1032mg/L



Sample

Sample Name: 21F0123-34
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

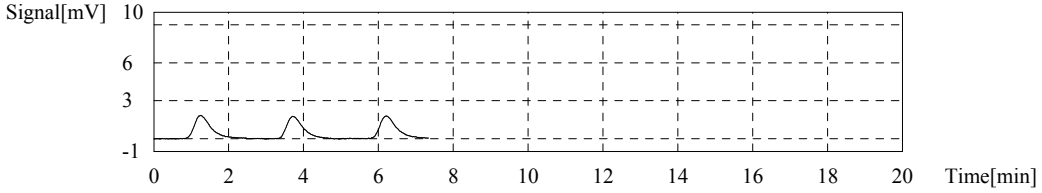
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5467mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.597	0.5505mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:03:34 PM
2	5.554	0.5463mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:07:23 PM
3	5.525	0.5434mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:11:02 PM

Mean Area 5.559
Mean Conc. 0.5467mg/L



Sample

Sample Name: 21F0123-35
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

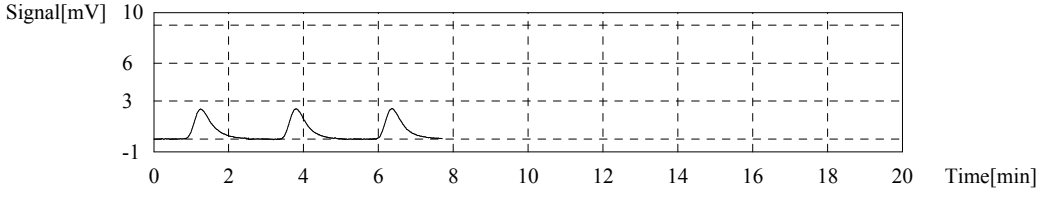
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7793mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.846	0.7717mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:21:18 PM
2	7.951	0.7820mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:25:07 PM
3	7.974	0.7843mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:28:56 PM

Mean Area 7.924
Mean Conc. 0.7793mg/L



Sample

Sample Name: 21F0123-37
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

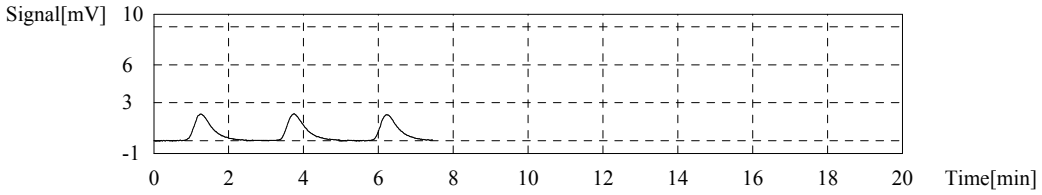
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6791mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.879	0.6766mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:39:22 PM
2	6.876	0.6763mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:43:09 PM
3	6.959	0.6844mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:46:56 PM

Mean Area 6.905
Mean Conc. 0.6791mg/L



Sample

Sample Name: 21F0123-38
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

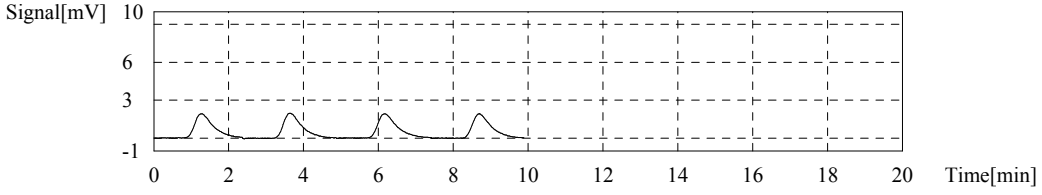
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6489mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.495	0.6388mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 10:57:30 PM
2	6.845	0.6732mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:01:26 PM
3	6.724	0.6613mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:05:14 PM
4	6.575	0.6467mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:08:57 PM

Mean Area 6.598
Mean Conc. 0.6489mg/L



Sample

Sample Name: 21F0123-39
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

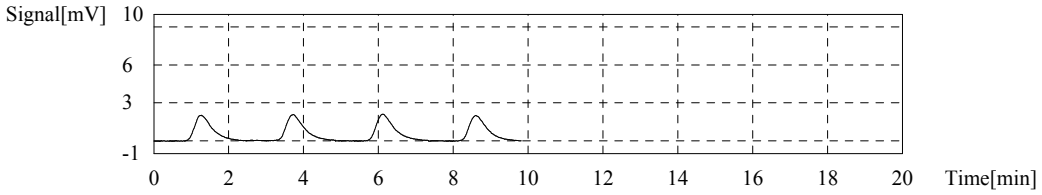
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6639mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.743	0.6632mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:19:37 PM
2	6.757	0.6646mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:23:21 PM
3	7.016	0.6900mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:27:13 PM
4	6.749	0.6638mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:31:00 PM

Mean Area 6.750
Mean Conc. 0.6639mg/L



Sample

Sample Name: 21F0123-40
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

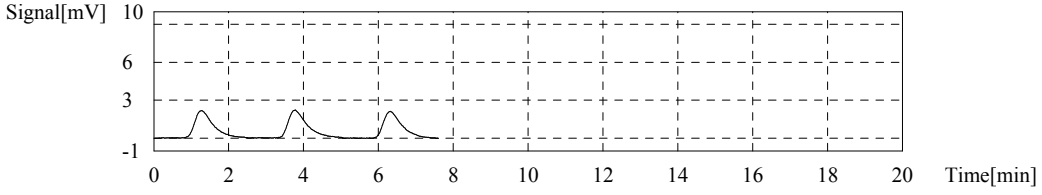
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7279mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.384	0.7262mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:41:42 PM
2	7.513	0.7389mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:45:31 PM
3	7.305	0.7185mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:49:20 PM

Mean Area 7.401
Mean Conc. 0.7279mg/L



Sample

Sample Name: 21F0130-01
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

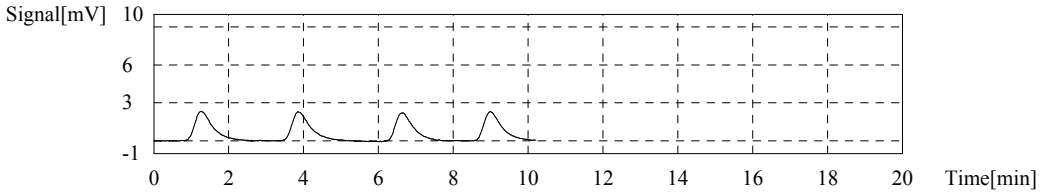
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7485mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.742	0.7614mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/21/2021 11:59:55 PM
2	7.962	0.7831mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:03:52 AM
3	7.543	0.7419mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:07:15 AM
4	7.546	0.7422mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:11:08 AM

Mean Area 7.610
Mean Conc. 0.7485mg/L



Sample

Sample Name: BJF0559-MRL1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

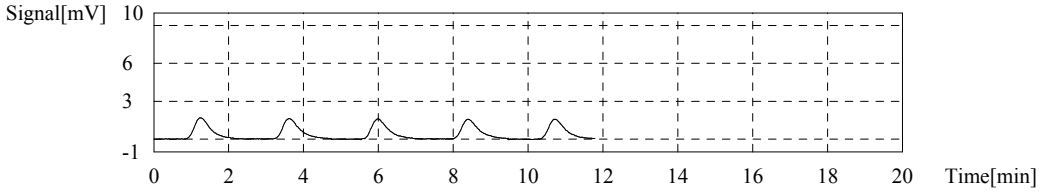
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4804mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.134	0.5049mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:21:43 AM
2	5.056	0.4973mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:25:30 AM
3	4.932	0.4851mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:29:20 AM
4	4.830	0.4750mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:33:01 AM
5	4.890	0.4809mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:36:48 AM

Mean Area 4.884
Mean Conc. 0.4804mg/L



Sample

Sample Name: BJF0559-BLK1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

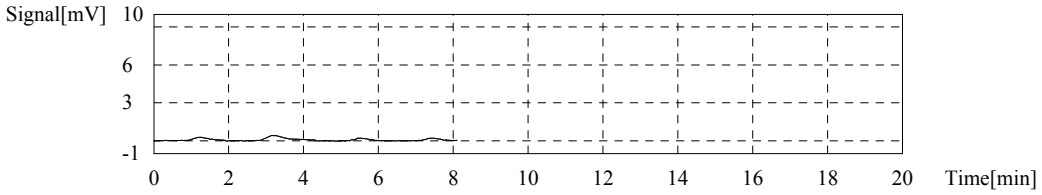
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.05087mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.6263	0.06160mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:46:26 AM
2	1.278	0.1257mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:50:43 AM
3	0.4772	0.04693mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:54:00 AM
4	0.4481	0.04407mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:57:47 AM

Mean Area 0.5172
Mean Conc. 0.05087mg/L



Sample

Sample Name: BJF0559-BS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

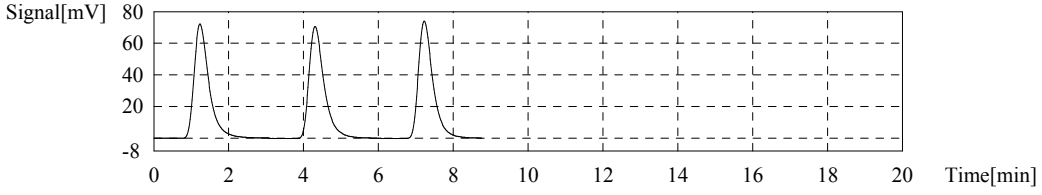
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.91mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	202.8	19.95mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:08:35 AM
2	201.5	19.82mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:12:29 AM
3	203.0	19.97mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:16:15 AM

Mean Area 202.4
Mean Conc. 19.91mg/L



Control Sample

Sample Name: SEQ-CCV3
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.92 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

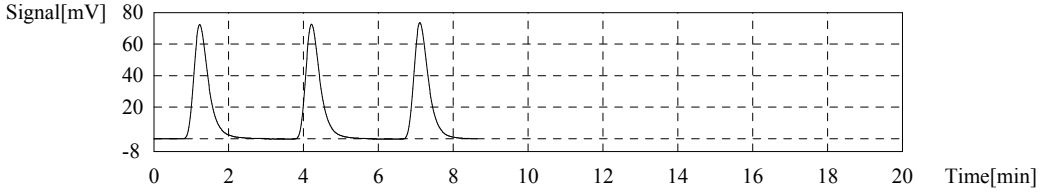
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.92ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	202.5	19.93ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:27:17 AM
2	201.0	19.79ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:31:09 AM
3	203.5	20.03ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:34:55 AM

Mean Area 202.3
Mean Conc. 19.92ppm



Control Sample

Sample Name: SEQ-CCB3
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1270 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

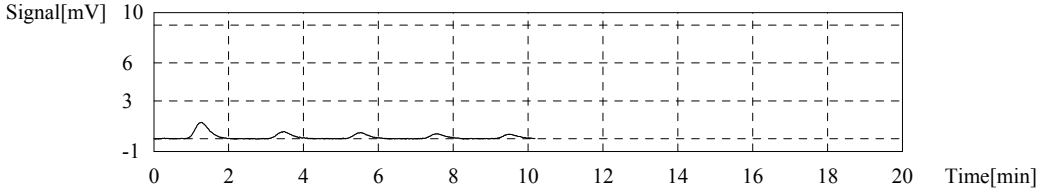
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1270mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.576	0.3696mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:45:00 AM
2	1.463	0.1618mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:48:21 AM
3	1.349	0.1506mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:51:51 AM
4	1.028	0.1190mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:55:15 AM
5	0.9512	0.1114mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 1:58:44 AM

Mean Area 1.109
Mean Conc. 0.1270mg/L



Sample

Sample Name: 21F0130-17
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

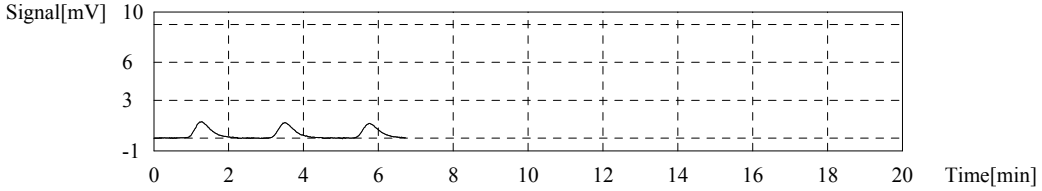
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3547mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.705	0.3644mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:08:46 AM
2	3.561	0.3502mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:12:35 AM
3	3.553	0.3494mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:16:19 AM

Mean Area 3.606
Mean Conc. 0.3547mg/L



Sample

Sample Name: BJF0559-DUP1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

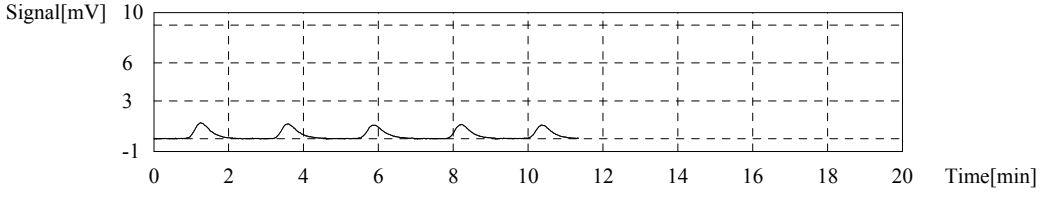
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3172mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.664	0.3604mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:26:21 AM
2	3.363	0.3308mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:30:06 AM
3	3.478	0.3421mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:33:57 AM
4	3.209	0.3156mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:37:33 AM
5	3.102	0.3051mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:41:24 AM

Mean Area 3.225
Mean Conc. 0.3172mg/L



Sample

Sample Name: BJF0559-MS1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

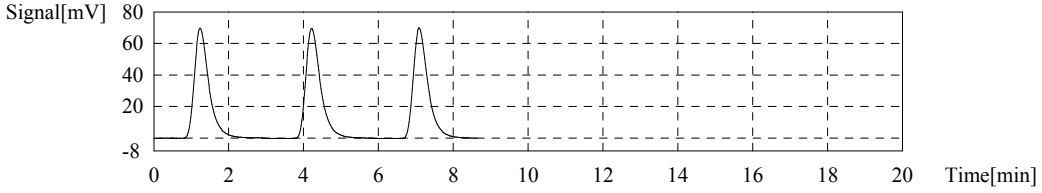
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:18.94mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	191.0	18.79mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:52:06 AM
2	193.5	19.03mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:55:57 AM
3	193.1	18.99mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 2:59:43 AM

Mean Area 192.5
Mean Conc. 18.94mg/L



Sample

Sample Name: BJF0559-MSD1
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

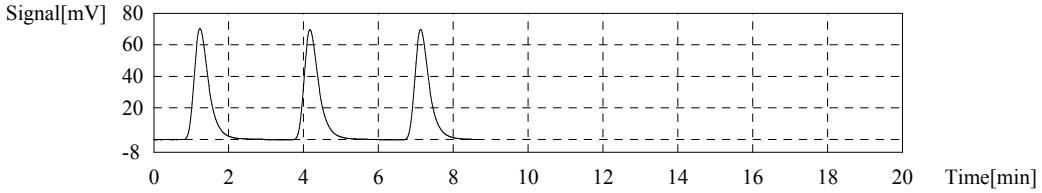
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:19.00mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	194.8	19.16mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:10:34 AM
2	194.1	19.09mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:14:30 AM
3	190.7	18.76mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:18:17 AM

Mean Area 193.2
Mean Conc. 19.00mg/L



Sample

Sample Name: 21F0130-02
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

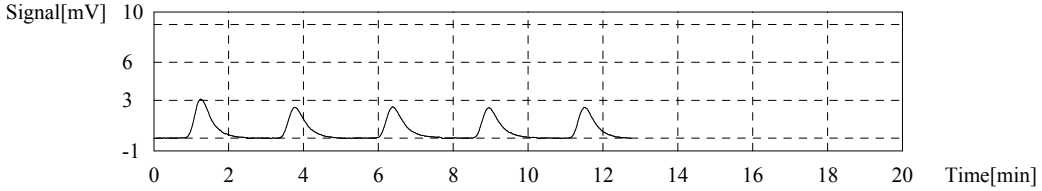
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7832mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.750	0.9589mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:28:41 AM
2	8.296	0.8159mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:32:35 AM
3	8.096	0.7963mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:36:19 AM
4	7.921	0.7791mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:40:06 AM
5	7.872	0.7742mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:43:49 AM

Mean Area 7.963
Mean Conc. 0.7832mg/L



Sample

Sample Name: 21F0130-03
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

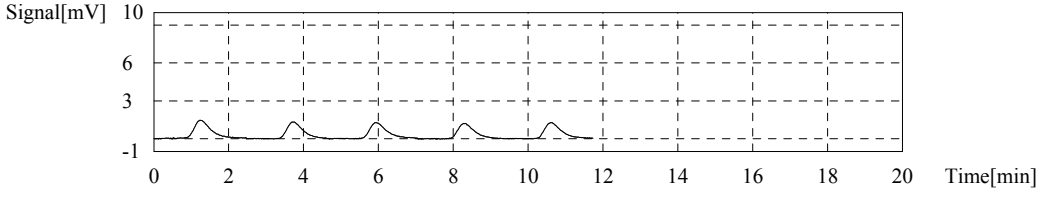
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3895mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.592	0.4516mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:54:28 AM
2	3.990	0.3924mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 3:58:00 AM
3	3.893	0.3829mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:01:55 AM
4	3.750	0.3688mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:05:40 AM
5	3.998	0.3932mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:09:31 AM

Mean Area 3.960
Mean Conc. 0.3895mg/L



Sample

Sample Name: 21F0130-04
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

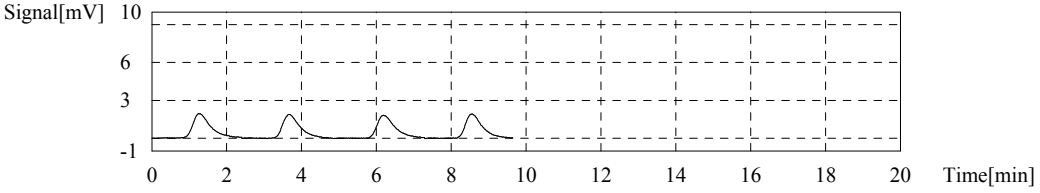
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5888mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.104	0.6003mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:19:38 AM
2	6.228	0.6125mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:23:32 AM
3	5.982	0.5883mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:27:10 AM
4	5.874	0.5777mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:30:56 AM

Mean Area 5.987
Mean Conc. 0.5888mg/L



Sample

Sample Name: 21F0130-06
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

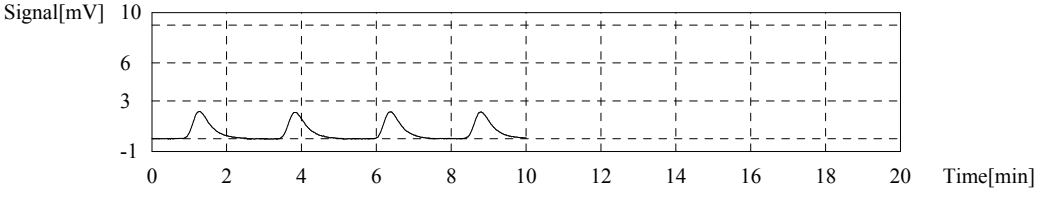
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7025mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.169	0.7051mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:41:12 AM
2	7.197	0.7078mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:44:59 AM
3	6.930	0.6816mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:48:38 AM
4	7.062	0.6946mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 4:52:29 AM

Mean Area 7.143
Mean Conc. 0.7025mg/L



Sample

Sample Name: 21F0130-07
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

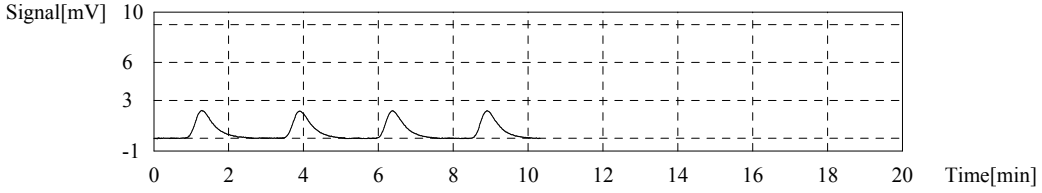
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7313mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.867	0.7737mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:03:19 AM
2	7.353	0.7232mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:06:58 AM
3	7.424	0.7302mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:10:48 AM
4	7.530	0.7406mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:14:44 AM

Mean Area 7.436
Mean Conc. 0.7313mg/L



Sample

Sample Name: 21F0130-09
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

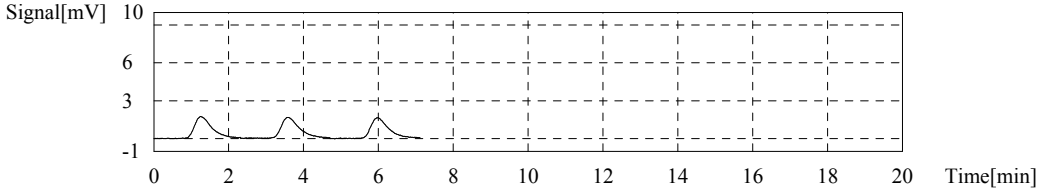
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5290mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.397	0.5308mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:24:56 AM
2	5.461	0.5371mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:28:47 AM
3	5.278	0.5191mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:32:36 AM

Mean Area 5.379
Mean Conc. 0.5290mg/L



Control Sample

Sample Name: SEQ-CCV4
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.86 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

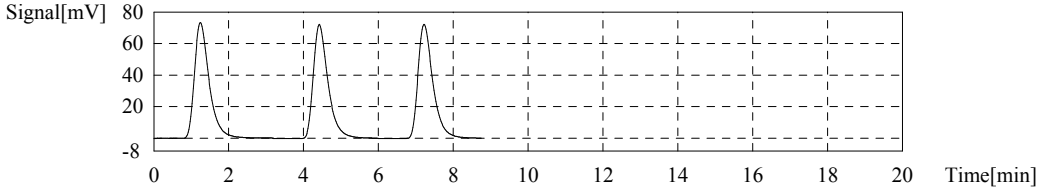
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.86ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.7	20.05ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:43:45 AM
2	199.5	19.64ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:47:34 AM
3	202.0	19.89ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 5:51:19 AM

Mean Area 201.7
Mean Conc. 19.86ppm



Control Sample

Sample Name: SEQ-CCB4
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1157 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

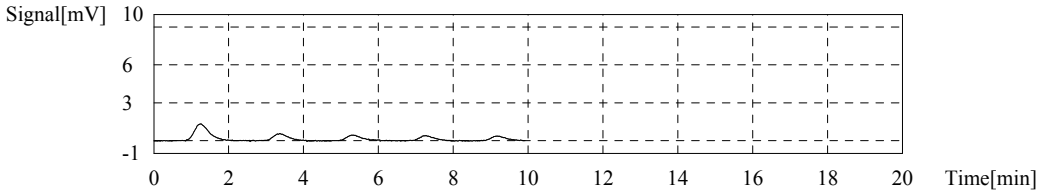
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1157mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.633	0.3752mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:01:20 AM
2	1.464	0.1619mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:04:40 AM
3	1.104	0.1265mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:08:11 AM
4	0.9591	0.1122mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:11:37 AM
5	0.9209	0.1085mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:15:12 AM

Mean Area 0.9947
Mean Conc. 0.1157mg/L



Sample

Sample Name: 21F0130-10
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

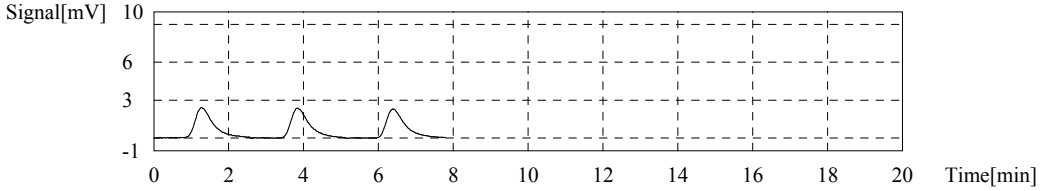
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7818mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.825	0.7696mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:25:43 AM
2	7.980	0.7849mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:29:29 AM
3	8.041	0.7909mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:33:24 AM

Mean Area 7.949
Mean Conc. 0.7818mg/L



Sample

Sample Name: 21F0130-11
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

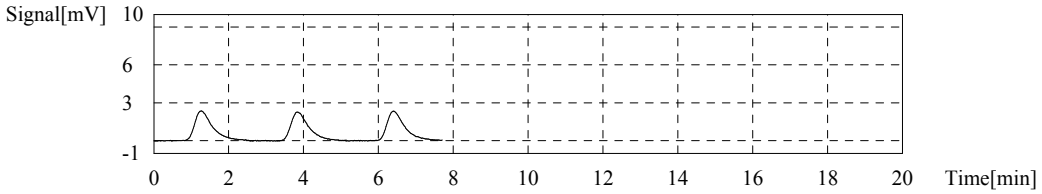
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7543mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.812	0.7683mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:43:51 AM
2	7.549	0.7425mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:47:38 AM
3	7.648	0.7522mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 6:51:25 AM

Mean Area 7.670
Mean Conc. 0.7543mg/L



Sample

Sample Name: 21F0130-13
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

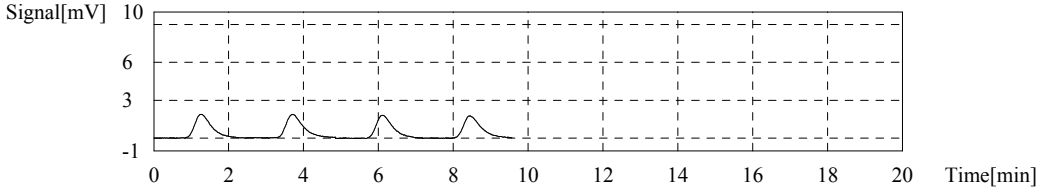
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5721mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.898	0.5801mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:01:52 AM
2	5.836	0.5740mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:05:36 AM
3	5.500	0.5409mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:09:19 AM
4	5.717	0.5623mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:13:09 AM

Mean Area 5.817
Mean Conc. 0.5721mg/L



Sample

Sample Name: 21F0130-14
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

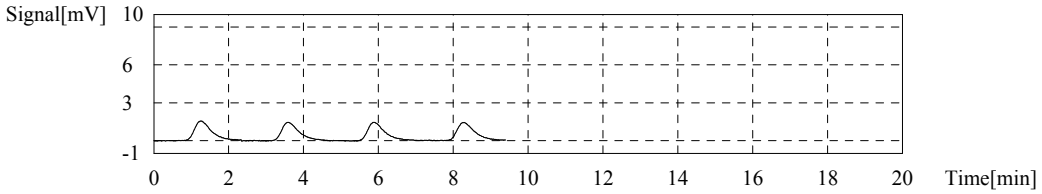
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4528mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.867	0.4787mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:23:13 AM
2	4.609	0.4533mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:26:58 AM
3	4.637	0.4561mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:30:50 AM
4	4.566	0.4491mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:34:37 AM

Mean Area 4.604
Mean Conc. 0.4528mg/L



Sample

Sample Name: 21F0130-15
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

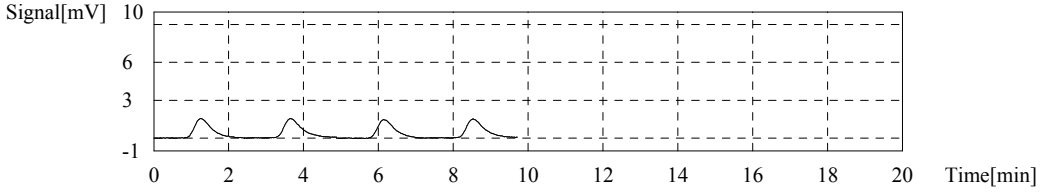
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.4889mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.964	0.4882mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:44:45 AM
2	4.967	0.4885mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:48:37 AM
3	4.780	0.4701mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:52:18 AM
4	4.982	0.4900mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 7:56:09 AM

Mean Area 4.971
Mean Conc. 0.4889mg/L



Sample

Sample Name: 21F0130-16
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

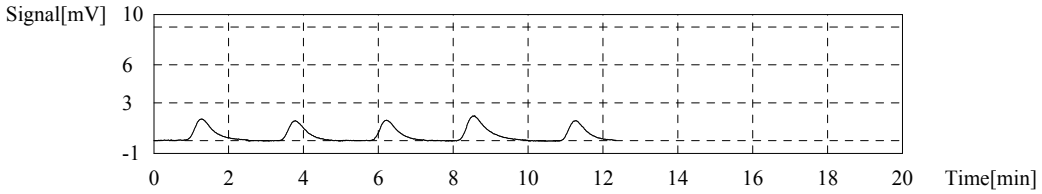
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.5117mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	5.617	0.5524mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:06:24 AM
2	5.238	0.5152mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:10:06 AM
3	5.224	0.5138mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:13:45 AM
4	7.442	0.7319mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:17:59 AM
5	5.145	0.5060mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:21:22 AM

Mean Area 5.202
Mean Conc. 0.5117mg/L



Sample

Sample Name: 21F0130-18
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

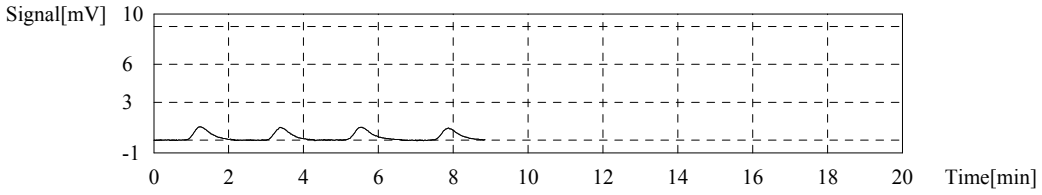
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3075mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.116	0.3065mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:31:16 AM
2	2.935	0.2887mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:35:02 AM
3	3.188	0.3135mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:39:01 AM
4	3.076	0.3025mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:42:42 AM

Mean Area 3.127
Mean Conc. 0.3075mg/L



Sample

Sample Name: 21F0130-19
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

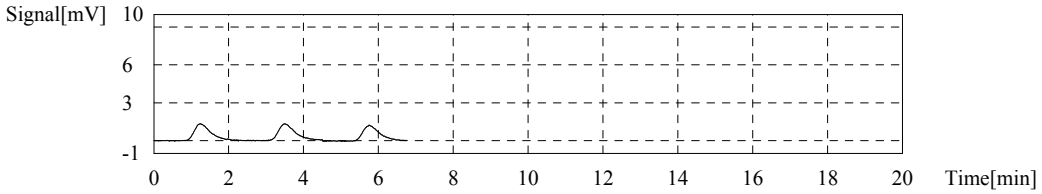
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3893mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.005	0.3939mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:52:42 AM
2	4.017	0.3951mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 8:56:29 AM
3	3.853	0.3790mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:00:16 AM

Mean Area 3.958
Mean Conc. 0.3893mg/L



Sample

Sample Name: 21F0130-22
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

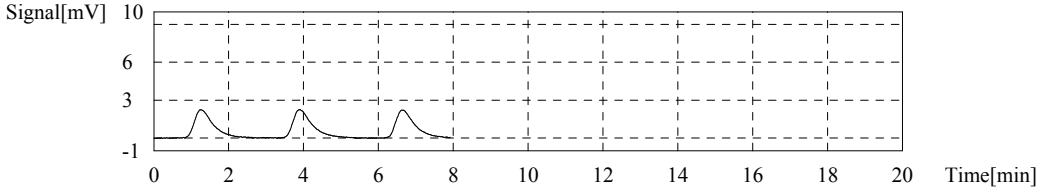
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7700mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.785	0.7657mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:10:39 AM
2	7.900	0.7770mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:14:32 AM
3	7.803	0.7674mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:18:08 AM

Mean Area 7.829
Mean Conc. 0.7700mg/L



Sample

Sample Name: 21F0130-24
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

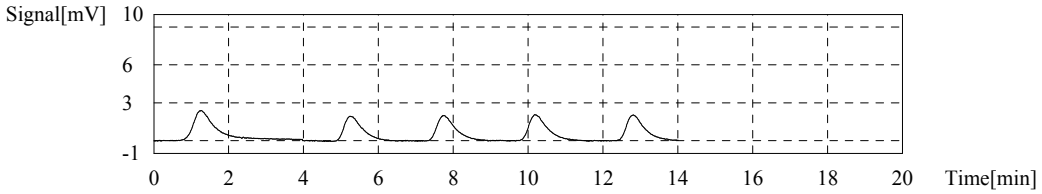
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6694mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	10.03	0.9865mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:30:07 AM
2	6.774	0.6662mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:33:36 AM
3	6.788	0.6676mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:37:20 AM
4	7.058	0.6942mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:41:17 AM
5	6.856	0.6743mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:44:56 AM

Mean Area 6.806
Mean Conc. 0.6694mg/L



Control Sample

Sample Name: SEQ-CCV5
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 19.92 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

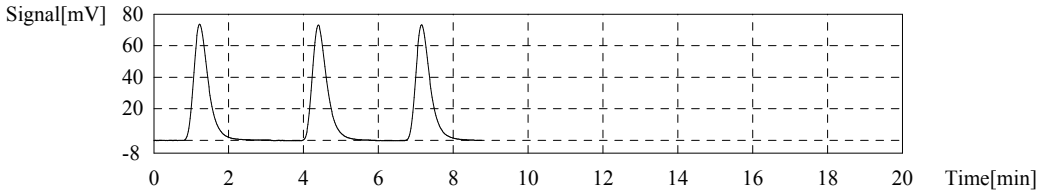
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:19.92ppm

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.5	20.03ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 9:56:24 AM
2	202.6	19.94ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:00:09 AM
3	200.9	19.78ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:03:59 AM

Mean Area 202.3
Mean Conc. 19.92ppm



Control Sample

Sample Name: SEQ-CCB5
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1030 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

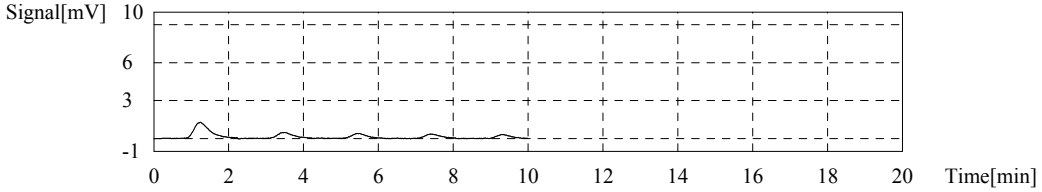
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1030mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.654	0.3773mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:14:07 AM
2	1.277	0.1435mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:17:22 AM
3	0.9685	0.1131mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:20:50 AM
4	0.8589	0.1024mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:24:16 AM
5	0.7693	0.09356mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:27:47 AM

Mean Area 0.8656
Mean Conc. 0.1030mg/L



Sample

Sample Name: 21F0130-26
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

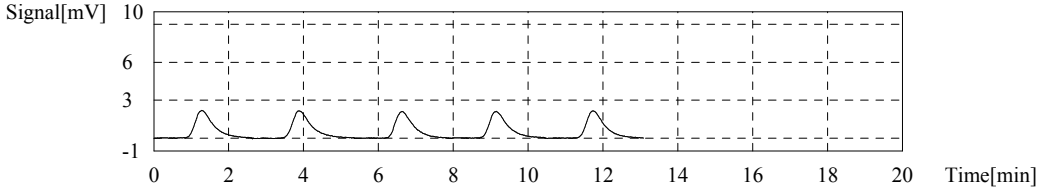
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.7083mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.335	0.7214mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:38:16 AM
2	7.815	0.7686mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:42:10 AM
3	7.016	0.6900mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:45:44 AM
4	6.858	0.6745mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:49:35 AM
5	7.253	0.7134mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 10:53:25 AM

Mean Area 7.201
Mean Conc. 0.7083mg/L



Sample

Sample Name: 21F0130-29
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

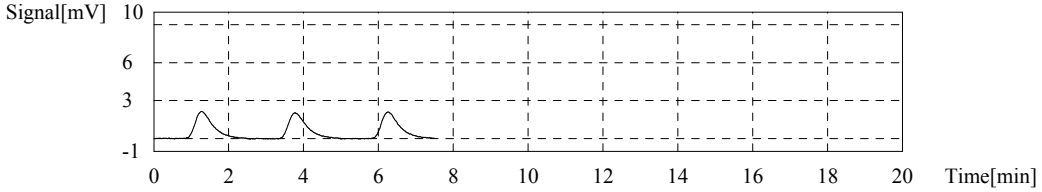
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.6816mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.943	0.6829mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:03:51 AM
2	6.808	0.6696mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:07:37 AM
3	7.040	0.6924mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:11:25 AM

Mean Area 6.930
Mean Conc. 0.6816mg/L



Sample

Sample Name: 21F0130-32
Sample ID:
Origin: NPOC 0.5 - 50 ppm.cal
Status Completed
Chk. Result

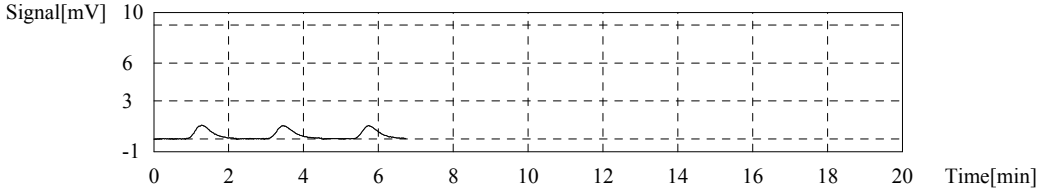
Type	Anal.	Manual Dilution	Result
Unknown	NPOC	1.000	NPOC:0.3142mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	3.234	0.3181mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:21:49 AM
2	3.216	0.3163mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:25:41 AM
3	3.133	0.3081mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:29:26 AM

Mean Area 3.194
Mean Conc. 0.3142mg/L



Control Sample

Sample Name: SEQ-CCV6
Sample ID: CVS 20
Method: CVS 20 ppm.tpl
Status Completed
Chk. Result Control value: 20.05 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:20.05ppm

1. Det.

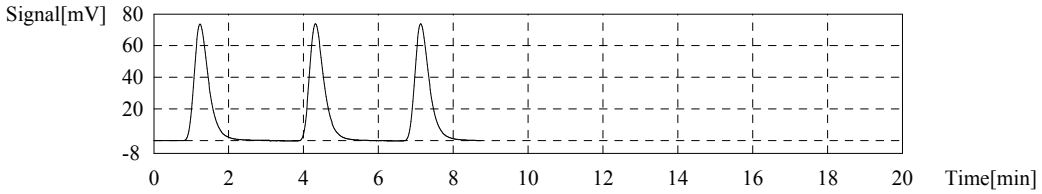
TOC-Control L Report

RMS
2021_06_21_001.tlx

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	203.6	20.04ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:40:15 AM
2	204.5	20.13ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:44:03 AM
3	202.9	19.97ppm	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:47:53 AM

Mean Area 203.7
Mean Conc. 20.05ppm



Control Sample

Sample Name: SEQ-CCB6
Sample ID:
Method: ICB CCB.tpl
Status Completed
Chk. Result Control value: 0.1085 / Control within range!

(Zero shift setting of cal. curve has been ignored in conc. calculation)

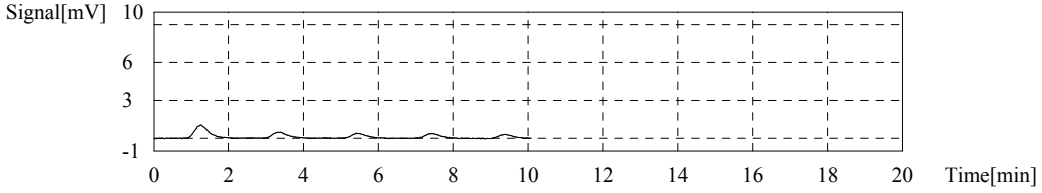
Type	Anal.	Manual Dilution	Result
Control	NPOC	1.000	NPOC:0.1085mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.727	0.2861mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 11:57:52 AM
2	1.356	0.1513mg/L	100uL	1.000	E	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:01:22 PM
3	0.9441	0.1107mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:04:44 PM
4	0.9676	0.1131mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:08:14 PM
5	0.8530	0.1018mg/L	100uL	1.000		NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal	6/22/2021 12:11:43 PM

Mean Area 0.9216
Mean Conc. 0.1085mg/L



	Type	Analysis	Sample Name	Sample ID	Origin	Manua	Result	Notes	Status	Date / Time	Vial
1	Unknown	NPOC	Rinse		NPOC 0.5 - 50 p	1.000	NPOC:0.07878mg/L		Completed	6/21/2021 12:41:53 PM	0
2	Control	NPOC	SEQ-ICV1	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.05ppm	Control v	Completed	6/21/2021 1:00:10 PM	3
3	Control	NPOC	SEQ-ICB1		ICB CCB.tpl	1.000	NPOC:0.1325mg/L	Control v	Completed	6/21/2021 1:23:58 PM	4
4	Unknown	NPOC	SEQ-IFA1		NPOC 0.5 - 50 p	1.000	NPOC:19.67mg/L		Completed	6/21/2021 1:42:22 PM	9
5	Unknown	NPOC	BJF0558-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.6656mg/L		Completed	6/21/2021 2:07:51 PM	10
6	Unknown	NPOC	BJF0558-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.07923mg/L		Completed	6/21/2021 2:32:41 PM	11
7	Unknown	NPOC	BJF0558-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.96mg/L		Completed	6/21/2021 2:50:58 PM	12
8	Unknown	NPOC	21F0123-18		NPOC 0.5 - 50 p	1.000	NPOC:0.4276mg/L		Completed	6/21/2021 3:16:16 PM	13
9	Unknown	NPOC	BJF0558-DUP1		NPOC 0.5 - 50 p	1.000	NPOC:0.4442mg/L		Completed	6/21/2021 3:41:22 PM	14
10	Unknown	NPOC	BJF0558-MS1		NPOC 0.5 - 50 p	1.000	NPOC:19.34mg/L		Completed	6/21/2021 3:59:39 PM	15
11	Unknown	NPOC	BJF0558-MSD1		NPOC 0.5 - 50 p	1.000	NPOC:19.45mg/L		Completed	6/21/2021 4:18:09 PM	16
12	Unknown	NPOC	21F0123-22		NPOC 0.5 - 50 p	1.000	NPOC:0.4861mg/L		Completed	6/21/2021 4:43:40 PM	17
13	Unknown	NPOC	21F0123-23		NPOC 0.5 - 50 p	1.000	NPOC:0.5253mg/L		Completed	6/21/2021 5:05:36 PM	18
14	Control	NPOC	SEQ-CCV1	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.13ppm	Control v	Completed	6/21/2021 5:24:06 PM	3
15	Control	NPOC	SEQ-CCB1		ICB CCB.tpl	1.000	NPOC:0.1180mg/L	Control v	Completed	6/21/2021 5:47:55 PM	4
16	Unknown	NPOC	21F0123-24		NPOC 0.5 - 50 p	1.000	NPOC:0.3860mg/L		Completed	6/21/2021 6:13:10 PM	19
17	Unknown	NPOC	21F0123-25		NPOC 0.5 - 50 p	1.000	NPOC:0.3319mg/L		Completed	6/21/2021 6:30:43 PM	20
18	Unknown	NPOC	21F0123-26		NPOC 0.5 - 50 p	1.000	NPOC:0.3884mg/L		Completed	6/21/2021 6:55:56 PM	21
19	Unknown	NPOC	21F0123-27		NPOC 0.5 - 50 p	1.000	NPOC:0.4027mg/L		Completed	6/21/2021 7:13:34 PM	22
20	Unknown	NPOC	21F0123-28		NPOC 0.5 - 50 p	1.000	NPOC:0.3249mg/L		Completed	6/21/2021 7:34:55 PM	23
21	Unknown	NPOC	21F0123-29		NPOC 0.5 - 50 p	1.000	NPOC:0.3792mg/L		Completed	6/21/2021 7:52:35 PM	24
22	Unknown	NPOC	21F0123-30		NPOC 0.5 - 50 p	1.000	NPOC:0.5162mg/L		Completed	6/21/2021 8:18:07 PM	25
23	Unknown	NPOC	21F0123-31		NPOC 0.5 - 50 p	1.000	NPOC:0.2996mg/L		Completed	6/21/2021 8:39:30 PM	26
24	Unknown	NPOC	21F0123-32		NPOC 0.5 - 50 p	1.000	NPOC:0.1968mg/L		Completed	6/21/2021 8:56:53 PM	27
25	Unknown	NPOC	21F0123-33		NPOC 0.5 - 50 p	1.000	NPOC:0.3194mg/L		Completed	6/21/2021 9:14:31 PM	28
26	Control	NPOC	SEQ-CCV2	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.93ppm	Control v	Completed	6/21/2021 9:32:50 PM	5
27	Control	NPOC	SEQ-CCB2		ICB CCB.tpl	1.000	NPOC:0.1032mg/L	Control v	Completed	6/21/2021 9:53:08 PM	6
28	Unknown	NPOC	21F0123-34		NPOC 0.5 - 50 p	1.000	NPOC:0.5467mg/L		Completed	6/21/2021 10:11:02 PM	29
29	Unknown	NPOC	21F0123-35		NPOC 0.5 - 50 p	1.000	NPOC:0.7793mg/L		Completed	6/21/2021 10:28:56 PM	30
30	Unknown	NPOC	21F0123-37		NPOC 0.5 - 50 p	1.000	NPOC:0.6791mg/L		Completed	6/21/2021 10:46:56 PM	31
31	Unknown	NPOC	21F0123-38		NPOC 0.5 - 50 p	1.000	NPOC:0.6489mg/L		Completed	6/21/2021 11:08:57 PM	32
32	Unknown	NPOC	21F0123-39		NPOC 0.5 - 50 p	1.000	NPOC:0.6639mg/L		Completed	6/21/2021 11:31:00 PM	33
33	Unknown	NPOC	21F0123-40		NPOC 0.5 - 50 p	1.000	NPOC:0.7279mg/L		Completed	6/21/2021 11:49:20 PM	34
34	Unknown	NPOC	21F0130-01		NPOC 0.5 - 50 p	1.000	NPOC:0.7485mg/L		Completed	6/22/2021 12:11:08 AM	35
35	Unknown	NPOC	BJF0559-MRL1		NPOC 0.5 - 50 p	1.000	NPOC:0.4804mg/L		Completed	6/22/2021 12:36:48 AM	36
36	Unknown	NPOC	BJF0559-BLK1		NPOC 0.5 - 50 p	1.000	NPOC:0.05087mg/L		Completed	6/22/2021 12:57:47 AM	37
37	Unknown	NPOC	BJF0559-BS1		NPOC 0.5 - 50 p	1.000	NPOC:19.91mg/L		Completed	6/22/2021 1:16:15 AM	38
38	Control	NPOC	SEQ-CCV3	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.92ppm	Control v	Completed	6/22/2021 1:34:55 AM	5
39	Control	NPOC	SEQ-CCB3		ICB CCB.tpl	1.000	NPOC:0.1270mg/L	Control v	Completed	6/22/2021 1:58:44 AM	6
40	Unknown	NPOC	21F0130-17		NPOC 0.5 - 50 p	1.000	NPOC:0.3547mg/L		Completed	6/22/2021 2:16:19 AM	39

	Type	Analysis	Sample Name	Sample ID	Origin	Manua	Result	Notes	Status	Date / Time	Vial
41	Unknown	NPOC	BJF0559-DUP1		NPOC 0.5 - 50 p	1.000	NPOC:0.3172mg/L		Completed	6/22/2021 2:41:24 AM	40
42	Unknown	NPOC	BJF0559-MS1		NPOC 0.5 - 50 p	1.000	NPOC:18.94mg/L		Completed	6/22/2021 2:59:43 AM	41
43	Unknown	NPOC	BJF0559-MSD1		NPOC 0.5 - 50 p	1.000	NPOC:19.00mg/L		Completed	6/22/2021 3:18:17 AM	42
44	Unknown	NPOC	21F0130-02		NPOC 0.5 - 50 p	1.000	NPOC:0.7832mg/L		Completed	6/22/2021 3:43:49 AM	43
45	Unknown	NPOC	21F0130-03		NPOC 0.5 - 50 p	1.000	NPOC:0.3895mg/L		Completed	6/22/2021 4:09:31 AM	44
46	Unknown	NPOC	21F0130-04		NPOC 0.5 - 50 p	1.000	NPOC:0.5888mg/L		Completed	6/22/2021 4:30:56 AM	45
47	Unknown	NPOC	21F0130-06		NPOC 0.5 - 50 p	1.000	NPOC:0.7025mg/L		Completed	6/22/2021 4:52:29 AM	46
48	Unknown	NPOC	21F0130-07		NPOC 0.5 - 50 p	1.000	NPOC:0.7313mg/L		Completed	6/22/2021 5:14:44 AM	47
49	Unknown	NPOC	21F0130-09		NPOC 0.5 - 50 p	1.000	NPOC:0.5290mg/L		Completed	6/22/2021 5:32:36 AM	48
50	Control	NPOC	SEQ-CCV4	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.86ppm	Control v	Completed	6/22/2021 5:51:19 AM	7
51	Control	NPOC	SEQ-CCB4		ICB CCB.tpl	1.000	NPOC:0.1157mg/L	Control v	Completed	6/22/2021 6:15:12 AM	8
52	Unknown	NPOC	21F0130-10		NPOC 0.5 - 50 p	1.000	NPOC:0.7818mg/L		Completed	6/22/2021 6:33:24 AM	49
53	Unknown	NPOC	21F0130-11		NPOC 0.5 - 50 p	1.000	NPOC:0.7543mg/L		Completed	6/22/2021 6:51:25 AM	50
54	Unknown	NPOC	21F0130-13		NPOC 0.5 - 50 p	1.000	NPOC:0.5721mg/L		Completed	6/22/2021 7:13:09 AM	51
55	Unknown	NPOC	21F0130-14		NPOC 0.5 - 50 p	1.000	NPOC:0.4528mg/L		Completed	6/22/2021 7:34:37 AM	52
56	Unknown	NPOC	21F0130-15		NPOC 0.5 - 50 p	1.000	NPOC:0.4889mg/L		Completed	6/22/2021 7:56:09 AM	53
57	Unknown	NPOC	21F0130-16		NPOC 0.5 - 50 p	1.000	NPOC:0.5117mg/L		Completed	6/22/2021 8:21:22 AM	54
58	Unknown	NPOC	21F0130-18		NPOC 0.5 - 50 p	1.000	NPOC:0.3075mg/L		Completed	6/22/2021 8:42:42 AM	55
59	Unknown	NPOC	21F0130-19		NPOC 0.5 - 50 p	1.000	NPOC:0.3893mg/L		Completed	6/22/2021 9:00:16 AM	56
60	Unknown	NPOC	21F0130-22		NPOC 0.5 - 50 p	1.000	NPOC:0.7700mg/L		Completed	6/22/2021 9:18:08 AM	57
61	Unknown	NPOC	21F0130-24		NPOC 0.5 - 50 p	1.000	NPOC:0.6694mg/L		Completed	6/22/2021 9:44:56 AM	58
62	Control	NPOC	SEQ-CCV5	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:19.92ppm	Control v	Completed	6/22/2021 10:03:59 AM	7
63	Control	NPOC	SEQ-CCB5		ICB CCB.tpl	1.000	NPOC:0.1030mg/L	Control v	Completed	6/22/2021 10:27:47 AM	8
64	Unknown	NPOC	21F0130-26		NPOC 0.5 - 50 p	1.000	NPOC:0.7083mg/L		Completed	6/22/2021 10:53:25 AM	59
65	Unknown	NPOC	21F0130-29		NPOC 0.5 - 50 p	1.000	NPOC:0.6816mg/L		Completed	6/22/2021 11:11:25 AM	60
66	Unknown	NPOC	21F0130-32		NPOC 0.5 - 50 p	1.000	NPOC:0.3142mg/L		Completed	6/22/2021 11:29:26 AM	61
67	Control	NPOC	SEQ-CCV6	CVS 20	CVS 20 ppm.tpl	1.000	NPOC:20.05ppm	Control v	Completed	6/22/2021 11:47:53 AM	3
68	Control	NPOC	SEQ-CCB6		ICB CCB.tpl	1.000	NPOC:0.1085mg/L	Control v	Completed	6/22/2021 12:11:43 PM	4

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediat
Calibration: EC00089
Instrument: TOC-LCSH
Calibration Date: 03/30/2021 10:38

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Dissolved Organic Carbon, Dissolved	0	0	0.4999	11.24425	0.9998	10.93219	2.4995	10.18604	4.999	9.847969	9.998	9.941989
Total Organic Carbon	0	0	0.4999	11.24425	0.9998	10.93219	2.4995	10.18604	4.999	9.847969	9.998	9.941989

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EC00089	Instrument:	TOC-LCSH
Calibration Date:	03/30/2021 10:38		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Dissolved Organic Carbon, Dissolved	24.995	10.09802	49.99	10.20404								
Total Organic Carbon	24.995	10.09802	49.99	10.20404								

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL CALIBRATION DATA

SM 5310 B-00

Laboratory:	Analytical Resources, Inc.	SDG:	21F0123
Client:	Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediat
Calibration:	EC00089	Instrument:	TOC-LCSH
Calibration Date:	03/30/2021 10:38		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Dissolved Organic Carbon, Dissolved	9.056811	40.8	0.9999			
Total Organic Carbon	9.056811	40.8	0.9999			

TOC-L Cal Curve Information
C:\TOC-L\CalCurves\NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal

Date of Creation	3/29/2021 4:55:19 PM
User	WCW
System	TOC-L SUSPENDED SOLIDS

Cal. Curve

Sample Name:	SEQ-CAL
Sample ID:	Curve
Object ID	0L-10000101463-10101000-134629920983-0001
Cal. Curve:	NPOC 0.5 - 50 ppm.2021_03_29_14_31_31.cal
Status	Completed
Comment:	

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1.282	100uL	1.000	*******		3/29/2021 2:39:00 PM
2	1.162	100uL	1.000	*******		3/29/2021 2:42:35 PM
3	1.202	100uL	1.000	*******		3/29/2021 2:46:14 PM

Acid Add.	1.500%
Sparge Gas Flow	80ml
Sp. Time	90.00sec
Mean Area	1.215
SD Area	0.06110
CV Area	5.03%
Vial	0

Conc: 0.5000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	5.621	100uL	10.00	*******		3/29/2021 2:56:59 PM
2	5.562	100uL	10.00	*******		3/29/2021 3:01:55 PM
3	5.757	100uL	10.00	*******		3/29/2021 3:06:47 PM

Acid Add.	1.500%
Sparge Gas Flow	80ml
Sp. Time	90.00sec
Mean Area	5.647
SD Area	0.1000
CV Area	1.77%
Vial	1

Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.93	100uL	5.000	*******		3/29/2021 3:15:54 PM
2	10.96	100uL	5.000	*******		3/29/2021 3:19:45 PM
3	10.77	100uL	5.000	*******		3/29/2021 3:23:21 PM

Acid Add.	1.500%
Sparge Gas Flow	80ml
Sp. Time	90.00sec
Mean Area	10.89
SD Area	0.1021
CV Area	0.94%
Vial	1

Conc: 2.500mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	25.46	100uL	2.000	*******		3/29/2021 3:32:30 PM
2	25.74	100uL	2.000	*******		3/29/2021 3:36:42 PM
3	25.83	100uL	2.000	*******		3/29/2021 3:40:36 PM

Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 25.68
SD Area 0.1930
CV Area 0.75%
Vial 1

Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	49.23	100uL	1.000	*******		3/29/2021 3:49:34 PM
2	49.44	100uL	1.000	*******		3/29/2021 3:53:33 PM
3	48.80	100uL	1.000	*******		3/29/2021 3:57:35 PM

Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 49.16
SD Area 0.3262
CV Area 0.66%
Vial 1

Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	99.40	100uL	5.000	*******		3/29/2021 4:09:20 PM
2	100.3	100uL	5.000	*******		3/29/2021 4:13:44 PM
3	99.21	100uL	5.000	*******		3/29/2021 4:18:00 PM

Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 99.64
SD Area 0.5823
CV Area 0.58%
Vial 2

Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	252.4	100uL	2.000	*******		3/29/2021 4:27:58 PM
2	252.6	100uL	2.000	*******		3/29/2021 4:32:20 PM
3	253.4	100uL	2.000	*******		3/29/2021 4:36:40 PM

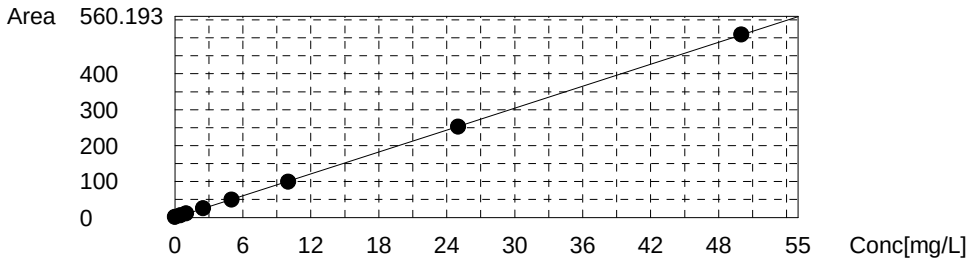
Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 252.8
SD Area 0.5292
CV Area 0.21%
Vial 2

Conc: 50.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	510.1	100uL	1.000	*******		3/29/2021 4:46:15 PM
2	510.0	100uL	1.000	*******		3/29/2021 4:50:44 PM
3	507.7	100uL	1.000	*******		3/29/2021 4:55:19 PM

Acid Add. 1.500%
Sparge Gas Flow 80ml
Sp. Time 90.00sec
Mean Area 509.3
SD Area 1.358
CV Area 0.27%
Vial 2

Slope:	10.17
Intercept	0.000
r^2	0.9999
r	1.0000
Zero Shift	Yes



Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: TOC-LCSH
Calibration: EC00089
Sequence: SJC0472
Date Analyzed: 03/29/21 17:24

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJC0472-ICB1	Total Organic Carbon	0.32	0.5	0.50	mg/L	
SJC0472-ICB1	Dissolved Organic Carbon (dissolve	0.32	0.5	0.50	mg/L	
SJC0472-CCB1	Total Organic Carbon	0.18	0.5	0.50	mg/L	
SJC0472-CCB1	Dissolved Organic Carbon (dissolve	0.18	0.5	0.50	mg/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: TOC-LCSH
Calibration: EC00089
Sequence: SJF0207
Date Analyzed: 06/10/21 16:03

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0207-ICB1	Total Organic Carbon	0.16	0.5	0.50	mg/L	
SJF0207-CCB1	Total Organic Carbon	0.13	0.5	0.50	mg/L	
SJF0207-CCB2	Total Organic Carbon	0.12	0.5	0.50	mg/L	
SJF0207-CCB3	Total Organic Carbon	0.18	0.5	0.50	mg/L	
SJF0207-CCB4	Total Organic Carbon	0.11	0.5	0.50	mg/L	
SJF0207-CCB5	Total Organic Carbon	0.10	0.5	0.50	mg/L	
SJF0207-CCB6	Total Organic Carbon	0.12	0.5	0.50	mg/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: TOC-LCSH
Calibration: EC00089
Sequence: SJF0272
Date Analyzed: 06/15/21 14:41

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0272-ICB1	Dissolved Organic Carbon (dissolve	0.17	0.5	0.50	mg/L	
SJF0272-CCB3	Dissolved Organic Carbon (dissolve	0.21	0.5	0.50	mg/L	
SJF0272-CCB4	Dissolved Organic Carbon (dissolve	0.14	0.5	0.50	mg/L	
SJF0272-CCB5	Dissolved Organic Carbon (dissolve	0.16	0.5	0.50	mg/L	
SJF0272-CCB6	Dissolved Organic Carbon (dissolve	0.13	0.5	0.50	mg/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INSTRUMENT BLANKS
SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/R
Instrument ID: TOC-LCSH
Calibration: EC00089
Sequence: SJF0372
Date Analyzed: 06/21/21 13:17

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SJF0372-ICB1	Dissolved Organic Carbon (dissolve	0.13	0.5	0.50	mg/L	
SJF0372-CCB1	Dissolved Organic Carbon (dissolve	0.12	0.5	0.50	mg/L	
SJF0372-CCB2	Dissolved Organic Carbon (dissolve	0.10	0.5	0.50	mg/L	
SJF0372-CCB3	Dissolved Organic Carbon (dissolve	0.13	0.5	0.50	mg/L	
SJF0372-CCB4	Dissolved Organic Carbon (dissolve	0.12	0.5	0.50	mg/L	
SJF0372-CCB5	Dissolved Organic Carbon (dissolve	0.10	0.5	0.50	mg/L	
SJF0372-CCB6	Dissolved Organic Carbon (dissolve	0.11	0.5	0.50	mg/L	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: TOC-LCSH
Calibration: EC00089
Control Limt: +/- 10.00%
Sequence: SJC0472

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJC0472-ICV1	Dissolved Organic Carbon	20.000	20.36	102	mg/L	SM 5310 B-00
	Total Organic Carbon	20.000	20.36	102	mg/L	SM 5310 B-00
SJC0472-CCV1	Dissolved Organic Carbon	20.000	19.72	98.6	mg/L	SM 5310 B-00
	Total Organic Carbon	20.000	19.72	98.6	mg/L	SM 5310 B-00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: TOC-LCSH
Calibration: EC00089
Control Limt: +/- 10.00%
Sequence: SJF0207

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0207-ICV1	Total Organic Carbon	20.000	19.90	99.5	mg/L	SM 5310 B-00
SJF0207-CCV1	Total Organic Carbon	20.000	20.31	102	mg/L	SM 5310 B-00
SJF0207-CCV2	Total Organic Carbon	20.000	20.08	100	mg/L	SM 5310 B-00
SJF0207-CCV3	Total Organic Carbon	20.000	20.26	101	mg/L	SM 5310 B-00
SJF0207-CCV4	Total Organic Carbon	20.000	20.25	101	mg/L	SM 5310 B-00
SJF0207-CCV5	Total Organic Carbon	20.000	20.16	101	mg/L	SM 5310 B-00
SJF0207-CCV6	Total Organic Carbon	20.000	20.11	101	mg/L	SM 5310 B-00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: TOC-LCSH
Calibration: EC00089
Control Limt: +/- 10.00%
Sequence: SJF0272

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0272-ICV1	Dissolved Organic Carbon	20.000	19.66	98.3	mg/L	SM 5310 B-00
SJF0272-CCV3	Dissolved Organic Carbon	20.000	19.83	99.2	mg/L	SM 5310 B-00
SJF0272-CCV4	Dissolved Organic Carbon	20.000	19.35	96.8	mg/L	SM 5310 B-00
SJF0272-CCV5	Dissolved Organic Carbon	20.000	19.37	96.9	mg/L	SM 5310 B-00
SJF0272-CCV6	Dissolved Organic Carbon	20.000	19.51	97.6	mg/L	SM 5310 B-00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

INITIAL AND CONTINUING CALIBRATION CHECK

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Remediation
Instrument ID: TOC-LCSH
Calibration: EC00089
Control Limt: +/- 10.00%
Sequence: SJF0372

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SJF0372-ICV1	Dissolved Organic Carbon	20.000	20.05	100	mg/L	SM 5310 B-00
SJF0372-CCV1	Dissolved Organic Carbon	20.000	20.13	101	mg/L	SM 5310 B-00
SJF0372-CCV2	Dissolved Organic Carbon	20.000	19.93	99.7	mg/L	SM 5310 B-00
SJF0372-CCV3	Dissolved Organic Carbon	20.000	19.92	99.6	mg/L	SM 5310 B-00
SJF0372-CCV4	Dissolved Organic Carbon	20.000	19.86	99.3	mg/L	SM 5310 B-00
SJF0372-CCV5	Dissolved Organic Carbon	20.000	19.92	99.6	mg/L	SM 5310 B-00
SJF0372-CCV6	Dissolved Organic Carbon	20.000	20.05	100	mg/L	SM 5310 B-00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 5310 B-00

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 17:59	7	28	
NRC-3SR-GW-060321 21F0123-01	06/03/21 14:20	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 07:54	13	28	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 19:19	7	28	
NRC-3IR-GW-060321 21F0123-02	06/03/21 15:37	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 10:04	13	28	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 19:36	7	28	
NRC-3DR-GW-060321 21F0123-03	06/03/21 14:17	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 10:29	13	28	
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 10:47	13	28	
NRC-103DR-GW-060321 21F0123-04	06/03/21 14:21	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 20:48	7	28	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 21:13	7	28	
NRC-103SR-GW-060321 21F0123-06	06/03/21 14:30	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 11:12	13	28	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 11:34	13	28	
MW-01-GW-060321 21F0123-07	06/03/21 16:59	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 21:32	7	28	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 11:52	13	28	
MW-2-GW-060321 21F0123-08	06/03/21 17:05	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 21:50	7	28	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 22:07	6	28	
DS-16I-GW-060421 21F0123-09	06/04/21 13:17	06/07/21 17:45	06/15/21 12:39	10	28	06/16/21 12:17	12	28	
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 22:29	6	28	
DS-16D-GW-060421 21F0123-10	06/04/21 12:55	06/07/21 17:45	06/15/21 12:39	10	28	06/16/21 12:35	12	28	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 13:36	12	28	
DS-16S-GW-060421 21F0123-11	06/04/21 12:17	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 22:46	6	28	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 23:12	6	28	
DS-15S-GW-060421 21F0123-12	06/04/21 11:30	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 13:54	12	28	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 5310 B-00

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 23:30	7	28	
DS-15I-GW-060421 21F0123-13	06/04/21 11:17	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 14:19	12	28	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/15/21 12:39	10	28	06/16/21 14:41	12	28	
DS-18S-GW-060421 21F0123-14	06/04/21 13:50	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 23:48	6	28	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/10/21 14:03	6	28	06/11/21 00:56	6	28	
DS-18I-GW-060421 21F0123-15	06/04/21 13:55	06/07/21 17:45	06/15/21 12:39	10	28	06/16/21 15:02	12	28	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/10/21 14:03	5	28	06/11/21 01:13	6	28	
DS-18D-GW-060421 21F0123-16	06/04/21 15:20	06/07/21 17:45	06/15/21 12:39	10	28	06/16/21 15:20	12	28	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/10/21 14:03	6	28	06/11/21 01:35	7	28	
DS-17S-GW-060421 21F0123-17	06/04/21 12:05	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 15:49	12	28	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/10/21 14:08	6	28	06/11/21 04:53	7	28	
DS-17I-GW-060421 21F0123-18	06/04/21 11:55	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 15:08	17	28	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/10/21 14:03	5	28	06/11/21 01:57	6	28	
FieldBlank-1-GW-060421 21F0123-19	06/04/21 16:10	06/07/21 17:45	06/15/21 12:39	10	28	06/16/21 16:07	12	28	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/15/21 12:39	10	28	06/16/21 16:25	12	28	
MW-3-GW-060421 21F0123-21	06/04/21 15:25	06/07/21 17:45	06/10/21 14:03	5	28	06/11/21 02:14	6	28	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/10/21 14:03	5	28	06/11/21 02:32	6	28	
SG-7R-WP-060421 21F0123-22	06/04/21 17:16	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 16:28	17	28	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/10/21 14:03	5	28	06/11/21 02:50	6	28	
DS-12S-GW-060421 21F0123-23	06/04/21 16:07	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 16:54	17	28	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 06:18	7	28	
DS-12I-GW-060421 21F0123-24	06/04/21 17:05	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 18:05	17	28	

HOLDING TIME SUMMARY

Analysis: SM 5310 B-00

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 06:35	7	28	
DS-12D-GW-060421 21F0123-25	06/04/21 16:29	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 18:23	17	28	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 18:44	17	28	
DS-13S-GW-060421 21F0123-26	06/04/21 14:46	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 07:00	7	28	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 19:05	17	28	
DS-13I-GW-060421 21F0123-27	06/04/21 14:55	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 07:18	7	28	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 19:23	17	28	
DS-13D-GW-060421 21F0123-28	06/04/21 15:39	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 07:36	7	28	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 19:44	17	28	
HBKG-2-GW-060421 21F0123-29	06/04/21 14:25	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 07:53	7	28	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 20:02	17	28	
US-1S-GW-060421 21F0123-30	06/04/21 12:55	06/07/21 17:45	06/10/21 14:08	6	28	06/11/21 08:54	7	28	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/10/21 14:08	6	28	06/11/21 09:19	7	28	
US-1I-GW-060421 21F0123-31	06/04/21 13:54	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 20:32	17	28	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 20:49	17	28	
US-1D-GW-060421 21F0123-32	06/04/21 13:00	06/07/21 17:45	06/10/21 14:08	6	28	06/11/21 09:44	7	28	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/21/21 10:43	15	28	06/21/21 21:06	16	28	
TP2-12D-GW-060521 21F0123-33	06/05/21 10:45	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 10:02	6	28	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 10:24	6	28	
TP2-12S-GW-060521 21F0123-34	06/05/21 09:30	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 22:03	17	28	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 10:49	6	28	
RC-6-SW-060521 21F0123-35	06/05/21 08:20	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 22:21	17	28	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HOLDING TIME SUMMARY

Analysis: SM 5310 B-00

Laboratory: Analytical Resources, Inc. SDG: 21F0123

Client: Floyd - Snider Project: Rio Tinto Holden Mine Reclamation/Remediation

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 11:11	6	28	
RC-6-PW-6-060521 21F0123-37	06/05/21 09:10	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 22:39	17	28	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 11:41	6	28	
RC-6-PW-12-060521 21F0123-38	06/05/21 10:18	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 22:57	17	28	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 12:06	6	28	
RC-6-WP-36-060521 21F0123-39	06/05/21 11:05	06/07/21 17:45	06/21/21 10:43	15	28	06/21/21 23:19	17	28	
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/10/21 14:08	5	28	06/11/21 12:32	6	28	
RC-1-SW-060521 21F0123-40	06/05/21 11:50	06/07/21 17:45	06/21/21 10:43	15	28	06/21/21 23:41	16	28	
Duplicate BJF0261-DUP1	06/03/21 14:20	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 18:16	7	28	
Matrix Spike BJF0261-MS1	06/03/21 14:20	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 18:35	7	28	
Matrix Spike Dup BJF0261-MSD1	06/03/21 14:20	06/07/21 17:45	06/10/21 14:03	6	28	06/10/21 18:54	7	28	
Duplicate BJF0262-DUP1	06/04/21 11:55	06/07/21 17:45	06/10/21 14:08	6	28	06/11/21 05:14	7	28	
Matrix Spike BJF0262-MS1	06/04/21 11:55	06/07/21 17:45	06/10/21 14:08	6	28	06/11/21 05:33	7	28	
Matrix Spike Dup BJF0262-MSD1	06/04/21 11:55	06/07/21 17:45	06/10/21 14:08	6	28	06/11/21 05:52	7	28	
Duplicate BJF0403-DUP1	06/03/21 14:20	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 08:12	13	28	
Matrix Spike BJF0403-MS1	06/03/21 14:20	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 09:21	13	28	
Matrix Spike Dup BJF0403-MSD1	06/03/21 14:20	06/07/21 17:45	06/15/21 12:39	11	28	06/16/21 09:39	13	28	
Duplicate BJF0558-DUP1	06/04/21 11:55	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 15:26	17	28	
Matrix Spike BJF0558-MS1	06/04/21 11:55	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 15:52	17	28	
Matrix Spike Dup BJF0558-MSD1	06/04/21 11:55	06/07/21 17:45	06/21/21 10:43	16	28	06/21/21 16:10	17	28	

* Indicates hold time exceedance.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

METHOD DETECTION AND REPORTING LIMITS

SM 5310 B-00

Laboratory: Analytical Resources, Inc.
SDG: 21F0123
Client: Floyd - Snider
Project: Rio Tinto Holden Mine Reclamation/Rem
Matrix: Water
Instrument: TOC-LCSH

Analyte	MDL	RL	Units
Dissolved Organic Carbon (dissolved)	0.50	0.50	mg/L
Total Organic Carbon	0.50	0.50	mg/L

Analytical Resources, Incorporated
Analytical Chemists and Consultants

26 July 2021

Amanda McKay
Floyd - Snider
601 Union Street Two Union Square, Suite 600
Seattle, WA 98101-2341

RE: Rio Tinto Holden Mine Reclamation/Remediation

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21F0130	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0130	Turn-around Requested: Standard	Date: 6/5/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 1 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 12	Cooler Temps: See CRF
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
9	SG-10-PW-6-060521	6/5/21	1251	PW	6	X		X	X	X	X	X	X	
9	SG-10-PW-12-060521		1331	PW	6	X		X	X	X	X	X	X	
4	SG-10-WP-36-060521		1400	PW	6	X		X	X	X	X	X	X	
9	SG-10-SW-060521		1415	SW	7	X	X	X	X	X	X	X	X	
3	SG-110-PW-12-060521		1351	PW	6	X		X	X	X	X	X	X	
3	RC-5A-SW-060521		0900	SW	7	X	X	X	X	X	X	X	X	
4	SG-10-WP-060521		1315	GW	6	X		X	X	X	X	X	X	
3	SG-11-PW-6-060521		0853	PW	6	X		X	X	X	X	X	X	
3	SG-11-PW-12-060521		0933	PW	7	X	X	X	X	X	X	X	X	
4	SG-11-WP-36-060521		1000	PW	6	X		X	X	X	X	X	X	

Comments/Special Instructions

- Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
- Anions: Chloride, sulfate and nitrate
- DOC and dissolved metals field filtered (FF) at 0.45 micron.
- If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L.
- Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Brett Beaulieu	Kenny Dang		
Company:	Floyd Snider	ARI		
Date & Time:	6/8/21	6/9/21 1240		

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0130	Turn-around Requested: Standard	Date: 6/5/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 2 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 12	Cooler Temps: See CRF
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
5	SG-18-PW-12-060521	6/5/21	1133	PW	6	X		X	X	X	X	X	X	
5	SG-18-WP-36-060521		1130	PW	6	X		X	X	X	X	X	X	
5	SG-18-WP-060521		11:00	GW	6	X		X	X	X	X	X	X	
6	TP2-16D-GW-060521		16:00	GW	6+6	X		X	X	X	X	X	X	MS/MSD
6	TP2-11GD-GW-060521		16:05	GW	6	X		X	X	X	X	X	X	
6	TP2-15-GW-060521		1300	GW	6	X		X	X	X	X	X	X	
6	EB-GW-060521		1645	W	1	X								Run low level Cd
2	RC-16-SW-060521		14:55	SW	12	X		X	X	X	X	X	X	MS/MSD
7	RC-4-SW-060521		13:40	SW	7	X	X	X	X	X	X	X	X	
2	RC-7-SW-060521	↓	16:27	SW	7	X	X	X	X	X	X	X	X	

Comments/Special Instructions

-Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
-Anions: Chloride, sulfate and nitrate
-DOC and dissolved metals field filtered (FF) at 0.45 micron.
-If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
-Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Brett Beaulieu	Kenny Dang		
Company:	Floyd Snider	ARI		
Date & Time:	6/8/21	6/9/21 1240		

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0130	Turn-around Requested: Standard	Date: 6/5/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 3 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 12	Cooler Temps: See COR
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
						Analysis Requested								
2	RC-107-SW-060521	6/5/21	16:30	SW	7	X	X	X	X	X	X	X	X	
1	SG-17-PW-6-060521		1539	PW	12	X		X	X	X	X	X	X	MS/MSD
7	SG-17-PW-12-060521		1644	PW	6	X		X	X	X	X	X	X	
1	SG-17-WP-36-060521		1600	PW	4	X	X	X	TDS			X	X	
1	SG-17WP-060521		1600	GW	6	X		X	X	X	X	X	X	
4	SG-11-WP-060521		1015	GW	6	X		X	X	X	X	X	X	
5	SG-18-PW-6-060521	↓	1056	PW	6	X		X	X	X	X	X	X	
7	EB-GW-060621	6/6/21	1600	W	1	X								Run low level Cd
7	SG-11-SW-060621	↓	0927	SW	7	X	X	X	X	X	X	X	X	
7	SW-STP3-060621	↓	1115	SW	2	X						X	X	

Comments/Special Instructions

-Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
-Anions: Chloride, sulfate and nitrate
-DOC and dissolved metals field filtered (FF) at 0.45 micron.
-If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
-Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Brett Beaulieu	Kenny Deng		
Company:	Floyd Snider	ARI		
Date & Time:	6/8/21	6/8/21 12:40		

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0130	Turn-around Requested: Standard
ARI Client Company: Floyd Snider	Phone: 206-292-2078
Client Contact: Amanda McKay or Pamela Osterhout	
Client Project Name: RT-Holden	
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.

Date: 6/6/21
Page: 4 of 5
No. of Coolers: 12 Cooler Temps: See CRF

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
9	FieldBlank-1-SW-060621	6/6/21	0900	W	7	X	X	X	X	X	X	X	X	Run low level Cd
8	TP2-17-GW-060621		1300	GW	6	X		X	X	X	X	X	X	
10	TP3-14S-GW-060621		1100	GW	7	X	X	X	X	X	X	X	X	
10	TP3-14D-GW-060621		1055	GW	6	X	D.F.P.	X	X	X	X	X	X	No diss. Metals
11	DS-9D-GW-060621		1531	GW	6	X		X	X	X	X	X	X	
11	DS-9I-GW-060621		1600	GW	6	X		X	X	X	X	X	X	
11	DS-9S-GW-060621		1520	GW	6	X		X	X	X	X	X	X	
11	HV3-GW-060621		0920	GW	6	X		X	X	X	X	X	X	
10	TP2-14-GW-060621		1530	GW	6	X		X	X	X	X	X	X	
10	FieldBlank-1-FW-060621	↓	1222	W	6	X		X	X	X	X	X	X	Run low level Cd

Comments/Special Instructions

-Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
-Anions: Chloride, sulfate and nitrate
-DOC and dissolved metals field filtered (FF) at 0.45 micron.
-If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
-Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:
	Brett Boudrien	Brett Boudrien	Floyd Snider	6/8/21
	Received by: (Signature)	Kenny Dang	ARI	6/8/21 1240
	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:
	Received by: (Signature)	Printed Name:	Company:	Date & Time:

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0130	Turn-around Requested: Standard	Date: 6/6/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 5 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 12	Cooler Temps: See CRF
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
						Analysis Requested								
8	SW-TP3-East1-060621	6/6/21	0835	SW	6	X		X	X	X	X	X	X	
8	SW-TP3-East2-060621	6/6/21	1010	SW	6	X		X	X	X	X	X	X	
12	SG-9-SW-060621		1414	SW	7	X	X	X	X	X	X	X	X	
12	SP-45-060621		1540	W	4	X		X			X	X	X	
12	SP-30-060621		1440	W	4	X		X			X	X	X	
12	SP-48-060621		1300	W	4	X		X			X	X	X	
12	SP-49-060621		1350	W	4	X		X			X	X	X	
12	SP-149-060621	↓	1400	W	4	X		X			X	X	X	

Comments/Special Instructions

- Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
- Anions: Chloride, sulfate and nitrate
- DOC and dissolved metals field filtered (FF) at 0.45 micron.
- If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
- Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Brett Beaulieu	Kenny Davy		
Company:	Floyd Snider	ARI		
Date & Time:	6/8/21	6/8/21 1240		

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-10-PW-6-060521	21F0130-01	Water	05-Jun-2021 12:51	08-Jun-2021 12:40
SG-10-PW-12-060521	21F0130-02	Water	05-Jun-2021 13:31	08-Jun-2021 12:40
SG-10-WP-36-060521	21F0130-03	Water	05-Jun-2021 14:00	08-Jun-2021 12:40
SG-10-SW-060521	21F0130-04	Water	05-Jun-2021 14:15	08-Jun-2021 12:40
SG-10-SW-060521	21F0130-05	Water	05-Jun-2021 14:15	08-Jun-2021 12:40
SG-110-PW-12-060521	21F0130-06	Water	05-Jun-2021 13:51	08-Jun-2021 12:40
RC-5A-SW-060521	21F0130-07	Water	05-Jun-2021 09:00	08-Jun-2021 12:40
RC-5A-SW-060521	21F0130-08	Water	05-Jun-2021 09:00	08-Jun-2021 12:40
SG-10-WP-060521	21F0130-09	Water	05-Jun-2021 13:15	08-Jun-2021 12:40
SG-11-PW-6-060521	21F0130-10	Water	05-Jun-2021 08:53	08-Jun-2021 12:40
SG-11-PW-12-060521	21F0130-11	Water	05-Jun-2021 09:33	08-Jun-2021 12:40
SG-11-PW-12-060521	21F0130-12	Water	05-Jun-2021 09:33	08-Jun-2021 12:40
SG-11-WP-36-060521	21F0130-13	Water	05-Jun-2021 10:00	08-Jun-2021 12:40
SG-18-PW-12-060521	21F0130-14	Water	05-Jun-2021 11:33	08-Jun-2021 12:40
SG-18-WP-36-060521	21F0130-15	Water	05-Jun-2021 11:30	08-Jun-2021 12:40
SG-18-WP-060521	21F0130-16	Water	05-Jun-2021 11:00	08-Jun-2021 12:40
TP2-16D-GW-060521	21F0130-17	Water	05-Jun-2021 16:00	08-Jun-2021 12:40
TP2-116D-GW-060521	21F0130-18	Water	05-Jun-2021 16:05	08-Jun-2021 12:40
TP2-15-GW-060521	21F0130-19	Water	05-Jun-2021 13:00	08-Jun-2021 12:40
EB-GW-060521	21F0130-20	Water	05-Jun-2021 16:45	08-Jun-2021 12:40
RC-16-SW-060521	21F0130-21	Water	05-Jun-2021 14:55	08-Jun-2021 12:40
RC-4-SW-060521	21F0130-22	Water	05-Jun-2021 13:40	08-Jun-2021 12:40
RC-4-SW-060521	21F0130-23	Water	05-Jun-2021 13:40	08-Jun-2021 12:40
RC-7-SW-060521	21F0130-24	Water	05-Jun-2021 16:27	08-Jun-2021 12:40
RC-7-SW-060521	21F0130-25	Water	05-Jun-2021 16:27	08-Jun-2021 12:40
RC-107-SW-060521	21F0130-26	Water	05-Jun-2021 16:30	08-Jun-2021 12:40
RC-107-SW-060521	21F0130-27	Water	05-Jun-2021 16:30	08-Jun-2021 12:40
SG-17-PW-6-060521	21F0130-28	Water	05-Jun-2021 15:39	08-Jun-2021 12:40
SG-17-PW-12-060521	21F0130-29	Water	05-Jun-2021 16:44	08-Jun-2021 12:40
SG-17-WP-36-060521	21F0130-30	Water	05-Jun-2021 16:00	08-Jun-2021 12:40
SG-17-WP-36-060521	21F0130-31	Water	05-Jun-2021 16:00	08-Jun-2021 12:40
SG-17-WP-060521	21F0130-32	Water	05-Jun-2021 16:00	08-Jun-2021 12:40
SG-11-WP-060521	21F0130-33	Water	05-Jun-2021 10:15	08-Jun-2021 12:40
SG-18-PW-6-060521	21F0130-34	Water	05-Jun-2021 10:56	08-Jun-2021 12:40
EB-GW-060621	21F0130-35	Water	06-Jun-2021 16:00	08-Jun-2021 12:40
SG-11-SW-060621	21F0130-36	Water	06-Jun-2021 09:27	08-Jun-2021 12:40
SG-11-SW-060621	21F0130-37	Water	06-Jun-2021 09:27	08-Jun-2021 12:40
SW-STP3-060621	21F0130-38	Water	06-Jun-2021 11:15	08-Jun-2021 12:40
FieldBlank-1-SW-060621	21F0130-39	Water	06-Jun-2021 09:00	08-Jun-2021 12:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden
Seattle WA, 98101-2341	Project Manager:	Amanda McKay

Reported: 26-Jul-2021 17:37

FieldBlank1-SW-060621	21F0130-40	Water	06-Jun-2021 09:00	08-Jun-2021 12:40
TP2-17-GW-060621	21F0130-41	Water	06-Jun-2021 13:00	08-Jun-2021 12:40
TP3-14S-GW-060621	21F0130-42	Water	06-Jun-2021 11:00	08-Jun-2021 12:40
TP3-14S-GW-060621	21F0130-43	Water	06-Jun-2021 11:00	08-Jun-2021 12:40
TP3-14D-GW-060621	21F0130-44	Water	06-Jun-2021 10:55	08-Jun-2021 12:40
DS-9D-GW-060621	21F0130-45	Water	06-Jun-2021 15:31	08-Jun-2021 12:40
DS-9I-GW-060621	21F0130-46	Water	06-Jun-2021 16:00	08-Jun-2021 12:40
DS-9S-GW-060621	21F0130-47	Water	06-Jun-2021 15:20	08-Jun-2021 12:40
HV3-GW-060621	21F0130-48	Water	06-Jun-2021 09:20	08-Jun-2021 12:40
TP2-14-GW-060621	21F0130-49	Water	06-Jun-2021 15:30	08-Jun-2021 12:40
FieldBlank-1-PW-060621	21F0130-50	Water	06-Jun-2021 12:22	08-Jun-2021 12:40
SW-TP3-East1-060621	21F0130-51	Water	06-Jun-2021 08:35	08-Jun-2021 12:40
SW-TP3-East2-060621	21F0130-52	Water	06-Jun-2021 10:10	08-Jun-2021 12:40
SG-9-SW-060621	21F0130-53	Water	06-Jun-2021 14:14	08-Jun-2021 12:40
SG-9-SW-060621	21F0130-54	Water	06-Jun-2021 14:14	08-Jun-2021 12:40
SP-45-060621	21F0130-55	Water	06-Jun-2021 15:40	08-Jun-2021 12:40
SP-30-060621	21F0130-56	Water	06-Jun-2021 14:40	08-Jun-2021 12:40
SP-48-060621	21F0130-57	Water	06-Jun-2021 13:00	08-Jun-2021 12:40
SP-49-060621	21F0130-58	Water	06-Jun-2021 13:50	08-Jun-2021 12:40
SP-149-060621	21F0130-59	Water	06-Jun-2021 14:00	08-Jun-2021 12:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Work Order Case Narrative

Total and Dissolved Metals - EPA Method 6020B

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits with the exception of analytes flagged on the associated forms.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times with the exception of nitrate which was sent to the lab outside of the holding time. All associated samples have been flagged with an "H" qualifer.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The reference material (SRM) percent recoveries were within control limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

WORK ORDER

21F0130

Client: Floyd - Snider | Project Manager: Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | Project Number: RT-Holden

Preservation Confirmation

Container ID	Container Type	pH	
21F0130-01 A	Large OJ, 1000 mL		
21F0130-01 B	Large OJ, 1000 mL		
21F0130-01 C	Small OJ, 500 mL		
21F0130-01 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pres(CP)
21F0130-01 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-01 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-02 A	Large OJ, 1000 mL		
21F0130-02 B	Large OJ, 1000 mL		
21F0130-02 C	Small OJ, 500 mL		
21F0130-02 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-02 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-02 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-03 A	Large OJ, 1000 mL		
21F0130-03 B	Large OJ, 1000 mL		
21F0130-03 C	Small OJ, 500 mL		
21F0130-03 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-03 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-03 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-04 A	Large OJ, 1000 mL		
21F0130-04 B	Large OJ, 1000 mL		
21F0130-04 C	Small OJ, 500 mL		
21F0130-04 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-04 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-04 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-05 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-06 A	Large OJ, 1000 mL		
21F0130-06 B	Large OJ, 1000 mL		
21F0130-06 C	Small OJ, 500 mL		
21F0130-06 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-06 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-06 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-07 A	Large OJ, 1000 mL		
21F0130-07 B	Large OJ, 1000 mL		
21F0130-07 C	Small OJ, 500 mL		
21F0130-07 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P

Reviewed By

Date

WORK ORDER

21F0130

Client: Floyd - Snider | Project Manager: Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | Project Number: RT-Holden

21F0130-07 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (Pb)
21F0130-07 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-08 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-09 A	Large OJ, 1000 mL		
21F0130-09 B	Large OJ, 1000 mL		
21F0130-09 C	Small OJ, 500 mL		
21F0130-09 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-09 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-09 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-10 A	Large OJ, 1000 mL		
21F0130-10 B	Large OJ, 1000 mL		
21F0130-10 C	Small OJ, 500 mL		
21F0130-10 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-10 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-10 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-11 A	Large OJ, 1000 mL		
21F0130-11 B	Large OJ, 1000 mL		
21F0130-11 C	Small OJ, 500 mL		
21F0130-11 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-11 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-11 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-12 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-13 A	Large OJ, 1000 mL		
21F0130-13 B	Large OJ, 1000 mL		
21F0130-13 C	Small OJ, 500 mL		
21F0130-13 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-13 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-13 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-14 A	Large OJ, 1000 mL		
21F0130-14 B	Large OJ, 1000 mL		
21F0130-14 C	Small OJ, 500 mL		
21F0130-14 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-14 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-14 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-15 A	Large OJ, 1000 mL		
21F0130-15 B	Large OJ, 1000 mL		
21F0130-15 C	Small OJ, 500 mL		

Reviewed By

Date

WORK ORDER

21F0130

Client: Floyd - Snider | **Project Manager:** Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | **Project Number:** RT-Holden

21F0130-15 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Hg (P)
21F0130-15 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-15 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-16 A	Large OJ, 1000 mL		
21F0130-16 B	Large OJ, 1000 mL		
21F0130-16 C	Small OJ, 500 mL		
21F0130-16 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-16 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-16 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-17 A	Large OJ, 1000 mL		
21F0130-17 B	Large OJ, 1000 mL		
21F0130-17 C	Large OJ, 1000 mL		
21F0130-17 D	Large OJ, 1000 mL		
21F0130-17 E	Small OJ, 500 mL		
21F0130-17 F	Small OJ, 500 mL		
21F0130-17 G	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-17 H	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-17 I	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-17 J	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-17 K	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-17 L	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-18 A	Large OJ, 1000 mL		
21F0130-18 B	Large OJ, 1000 mL		
21F0130-18 C	Small OJ, 500 mL		
21F0130-18 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-18 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-18 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-19 A	Large OJ, 1000 mL		
21F0130-19 B	Large OJ, 1000 mL		
21F0130-19 C	Small OJ, 500 mL		
21F0130-19 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-19 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-19 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-20 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-21 A	Large OJ, 1000 mL		
21F0130-21 B	Large OJ, 1000 mL		
21F0130-21 C	Large OJ, 1000 mL		

Reviewed By

Date

WORK ORDER

21F0130

Client: Floyd - Snider | Project Manager: Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | Project Number: RT-Holden

21F0130-21 D	Large OJ, 1000 mL		
21F0130-21 E	Small OJ, 500 mL		
21F0130-21 F	Small OJ, 500 mL		
21F0130-21 G	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (A)
21F0130-21 H	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-21 I	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-21 J	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-21 K	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-21 L	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-22 A	Large OJ, 1000 mL		
21F0130-22 B	Large OJ, 1000 mL		
21F0130-22 C	Small OJ, 500 mL		
21F0130-22 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-22 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-22 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-23 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-24 A	Large OJ, 1000 mL		
21F0130-24 B	Large OJ, 1000 mL		
21F0130-24 C	Small OJ, 500 mL		
21F0130-24 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-24 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-24 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-25 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-26 A	Large OJ, 1000 mL		
21F0130-26 B	Large OJ, 1000 mL		
21F0130-26 C	Small OJ, 500 mL		
21F0130-26 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-26 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-26 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-27 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-28 A	Large OJ, 1000 mL		
21F0130-28 B	Large OJ, 1000 mL		
21F0130-28 C	Large OJ, 1000 mL		
21F0130-28 D	Large OJ, 1000 mL		
21F0130-28 E	Small OJ, 500 mL		
21F0130-28 F	Small OJ, 500 mL		
21F0130-28 G	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P

Reviewed By

Date

WORK ORDER

21F0130

Client: Floyd - Snider | Project Manager: Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | Project Number: RT-Holden

21F0130-28 H	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Resi (P)
21F0130-28 I	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-28 J	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-28 K	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-28 L	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-29 A	Large OJ, 1000 mL		
21F0130-29 B	Large OJ, 1000 mL		
21F0130-29 C	Small OJ, 500 mL		
21F0130-29 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-29 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-29 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-30 A	Large OJ, 1000 mL		
21F0130-30 B	Small OJ, 500 mL		
21F0130-30 C	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-31 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-32 A	Large OJ, 1000 mL		
21F0130-32 B	Large OJ, 1000 mL		
21F0130-32 C	Small OJ, 500 mL		
21F0130-32 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-32 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-32 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-33 A	Large OJ, 1000 mL		
21F0130-33 B	Large OJ, 1000 mL		
21F0130-33 C	Small OJ, 500 mL		
21F0130-33 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-33 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-33 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-34 A	Large OJ, 1000 mL		
21F0130-34 B	Large OJ, 1000 mL		
21F0130-34 C	Small OJ, 500 mL		
21F0130-34 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-34 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-34 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-35 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-36 A	Large OJ, 1000 mL		
21F0130-36 B	Large OJ, 1000 mL		
21F0130-36 C	Small OJ, 500 mL		

Reviewed By

Date

WORK ORDER

21F0130

Client: Floyd - Snider | Project Manager: Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | Project Number: RT-Holden

21F0130-36 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Rush (P)
21F0130-36 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-36 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-37 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-38 A	Small OJ, 500 mL		
21F0130-38 B	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-39 A	Large OJ, 1000 mL		
21F0130-39 B	Large OJ, 1000 mL		
21F0130-39 C	Small OJ, 500 mL		
21F0130-39 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-39 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-39 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-40 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-41 A	Large OJ, 1000 mL		
21F0130-41 B	Large OJ, 1000 mL		
21F0130-41 C	Small OJ, 500 mL		
21F0130-41 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-41 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-41 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-42 A	Large OJ, 1000 mL		
21F0130-42 B	Large OJ, 1000 mL		
21F0130-42 C	Small OJ, 500 mL		
21F0130-42 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-42 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-42 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-43 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-44 A	Large OJ, 1000 mL		
21F0130-44 B	Large OJ, 1000 mL		
21F0130-44 C	Small OJ, 500 mL		
21F0130-44 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-44 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-44 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-45 A	Large OJ, 1000 mL		
21F0130-45 B	Large OJ, 1000 mL		
21F0130-45 C	Small OJ, 500 mL		
21F0130-45 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-45 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P

Reviewed By

Date

WORK ORDER

21F0130

Client: Floyd - Snider | Project Manager: Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | Project Number: RT-Holden

21F0130-45 F	HDPE NM, 500 mL, 1:1 HNO3	<2	Pass (P)
21F0130-46 A	Large OJ, 1000 mL		
21F0130-46 B	Large OJ, 1000 mL		
21F0130-46 C	Small OJ, 500 mL		
21F0130-46 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-46 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-46 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-47 A	Large OJ, 1000 mL		
21F0130-47 B	Large OJ, 1000 mL		
21F0130-47 C	Small OJ, 500 mL		
21F0130-47 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-47 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-47 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-48 A	Large OJ, 1000 mL		
21F0130-48 B	Large OJ, 1000 mL		
21F0130-48 C	Small OJ, 500 mL		
21F0130-48 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-48 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-48 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-49 A	Large OJ, 1000 mL		
21F0130-49 B	Large OJ, 1000 mL		
21F0130-49 C	Small OJ, 500 mL		
21F0130-49 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-49 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-49 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-50 A	Large OJ, 1000 mL		
21F0130-50 B	Large OJ, 1000 mL		
21F0130-50 C	Small OJ, 500 mL		
21F0130-50 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-50 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-50 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-51 A	Large OJ, 1000 mL		
21F0130-51 B	Large OJ, 1000 mL		
21F0130-51 C	Small OJ, 500 mL		
21F0130-51 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-51 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-51 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P

Reviewed By

Date

WORK ORDER

21F0130

Client: Floyd - Snider **Project Manager:** Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation **Project Number:** RT-Holden

21F0130-52 A	Large OJ, 1000 mL		
21F0130-52 B	Large OJ, 1000 mL		
21F0130-52 C	Small OJ, 500 mL		
21F0130-52 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Past (P)
21F0130-52 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-52 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-53 A	Large OJ, 1000 mL		
21F0130-53 B	Large OJ, 1000 mL		
21F0130-53 C	Small OJ, 500 mL		
21F0130-53 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-53 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-53 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-54 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0130-55 A	Small OJ, 500 mL		
21F0130-55 B	Small OJ, 500 mL		
21F0130-55 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-55 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-56 A	Small OJ, 500 mL		
21F0130-56 B	Small OJ, 500 mL		
21F0130-56 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-56 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-57 A	Small OJ, 500 mL		
21F0130-57 B	Small OJ, 500 mL		
21F0130-57 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-57 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-58 A	Small OJ, 500 mL		
21F0130-58 B	Small OJ, 500 mL		
21F0130-58 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-58 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0130-59 A	Small OJ, 500 mL		
21F0130-59 B	Small OJ, 500 mL		
21F0130-59 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0130-59 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P

JBw/sc/KD
Preservation Confirmed By

06/08/2021
Date

Reviewed By

Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Floyd Snider

Project Name: RT - Holden

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21F0130

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1240 0.3 3.4 4.3 3.9 1.2 4.2 4.3 5.8 2.1 2.5 1.4 3.3

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00520G

Cooler Accepted by: KP Date: 6/8/21 Time: 1240

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JJ Date: 06/08/2021 Time: 1331 Labels checked by: JJ

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 12:51

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 18:52

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-01

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	13.1	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 12:51

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 18:52

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-01 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	206	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4500	ug/L	
Iron	7439-89-6	1	18.2	36.0	203	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.218	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	464	ug/L	
Manganese	7439-96-5	1	0.142	0.500	15.1	ug/L	
Potassium	7440-09-7	1	10.9	20.0	452	ug/L	
Sodium	7440-23-5	1	16.4	100	589	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 12:51

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-01 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	3.16	ug/L	
Zinc	7440-66-6	1	2.92	6.00	6.71	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 12:51

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 02:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-01 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.117	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.95	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 12:51

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/14/2021 14:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-01 C

Preparation Batch: BJF0357 — Sample Size: 100 mL

Prepared: 06/14/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.02	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.02	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 12:51

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 14:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-01

Preparation Batch: BJF0225 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	21	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 12:51

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 09:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-01

Preparation Batch: BJF0247 — Sample Size: 930 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	3	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 12:51

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/09/2021 22:31

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-01 D

Preparation Batch: BJF0221 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.79	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-01 E

Preparation Batch: BJF0558 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.75	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-6-060521

21F0130-01RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 12:51

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 10:20

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-01RE1 F 02

Preparation Batch: BJG0208 — Sample Size: 25 mL

Prepared: 07/09/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.248	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 13:31

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:13

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-02

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.4	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 13:31

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-02 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	125	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4270	ug/L	
Iron	7439-89-6	1	18.2	36.0	131	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.136	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	414	ug/L	
Manganese	7439-96-5	1	0.142	0.500	9.88	ug/L	
Potassium	7440-09-7	1	10.9	20.0	390	ug/L	
Sodium	7440-23-5	1	16.4	100	606	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:31

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:35

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-02 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.22	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.41	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 13:31

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 03:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-02 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.105	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.95	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 13:31

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/14/2021 14:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-02 C

Preparation Batch: BJF0357 — Sample Size: 100 mL

Prepared: 06/14/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.82	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.82	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 13:31

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-02

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	24	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 13:31

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 09:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-02

Preparation Batch: BJF0247 — Sample Size: 970 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 13:31

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/09/2021 23:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-02 D

Preparation Batch: BJF0221 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.88	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-02 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.78	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-PW-12-060521

21F0130-02RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:31

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 09:15

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-02RE1 F 02

Preparation Batch: BJG0208 — Sample Size: 25 mL

Prepared: 07/09/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.183	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 14:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 17:36

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-03

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	1.04	227	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 14:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 17:36

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-03 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	5	14.6	100	7120	ug/L	D
Calcium	7440-70-2	5	55.5	250	73500	ug/L	D
Iron	7439-89-6	1	18.2	36.0	4250	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.147	ug/L	
Magnesium	7439-95-4	5	11.1	100	10500	ug/L	D
Potassium	7440-09-7	5	54.5	100	6940	ug/L	D
Sodium	7440-23-5	5	82.0	500	4040	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 14:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:39

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-03 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	5.88	ug/L	
Copper	7440-50-8	1	0.173	0.500	38.5	ug/L	
Zinc	7440-66-6	5	4.70	30.0	481	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 14:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 03:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-03 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.362	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 14:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/14/2021 14:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-03 C

Preparation Batch: BJF0357 — Sample Size: 100 mL

Prepared: 06/14/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 14:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-03

Preparation Batch: BJF0228 — Sample Size: 100 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	10	10	500	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 14:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 09:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-03

Preparation Batch: BJF0247 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	13	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 14:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/09/2021 23:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-03 D

Preparation Batch: BJF0221 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-03 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 14:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 15:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-03RE1 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Manganese	7439-96-5	50	7.10	25.0	4680	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-36-060521

21F0130-03RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 14:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 01:08

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-03RE1 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	71	7.10	7.10	270	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 14:15

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 15:29

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-04

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	1.04	49.5	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 14:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 15:29

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-04 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	5	14.6	100	947	ug/L	D
Calcium	7440-70-2	5	55.5	250	16200	ug/L	D
Iron	7439-89-6	1	18.2	36.0	186	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.146	ug/L	
Magnesium	7439-95-4	5	11.1	100	2220	ug/L	D
Manganese	7439-96-5	5	0.710	2.50	628	ug/L	D
Potassium	7440-09-7	5	54.5	100	1530	ug/L	D
Sodium	7440-23-5	5	82.0	500	1320	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 14:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:43

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-04 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.997	ug/L	
Copper	7440-50-8	1	0.173	0.500	7.49	ug/L	
Zinc	7440-66-6	1	0.940	6.00	81.4	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 14:15

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 13:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-04 B

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.178	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 14:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 11:01

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-04 C

Preparation Batch: BJF0446 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	2.65	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	2.65	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 14:15

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-04

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	74	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 14:15

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-04

Preparation Batch: BJF0265 — Sample Size: 920 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	6	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 14:15

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 00:16

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-04 D

Preparation Batch: BJF0221 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.84	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-04 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.59	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-04RE2 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 14:15

Instrument: IC930 Analyst: CDE — Analyzed: 07/01/2021 23:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-04RE2 B

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	10	1.00	1.00	40.6	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-05 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/05/2021 14:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-05 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	514	ug/L	
Calcium, Dissolved	7440-70-2	5	55.5	250	13400	ug/L	D
Iron, Dissolved	7439-89-6	2	36.4	72.0	87.6	ug/L	D
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	2	4.44	40.0	1980	ug/L	D
Manganese, Dissolved	7439-96-5	5	0.710	2.50	493	ug/L	D
Potassium, Dissolved	7440-09-7	5	54.5	100	1370	ug/L	D
Sodium, Dissolved	7440-23-5	2	32.8	200	1250	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-SW-060521

21F0130-05 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 14:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-05 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.0300	0.100	0.860	ug/L	
Copper, Dissolved	7440-50-8	1	0.173	0.500	5.79	ug/L	
Zinc, Dissolved	7440-66-6	1	0.940	6.00	75.0	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 13:51

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:16

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-06

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 13:51

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:16

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-06 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	122	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4320	ug/L	
Iron	7439-89-6	1	18.2	36.0	132	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.145	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	432	ug/L	
Manganese	7439-96-5	1	0.142	0.500	10.2	ug/L	
Potassium	7440-09-7	1	10.9	20.0	409	ug/L	
Sodium	7440-23-5	1	16.4	100	598	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:51

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:48

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-06 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	5.15	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.44	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 13:51

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 14:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-06 B

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.108	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	4.05	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 13:51
Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 11:01

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-06 C
Preparation Batch: BJF0446 — Sample Size: 100 mL
Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.94	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.94	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 13:51

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-06

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	26	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 13:51

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-06

Preparation Batch: BJF0265 — Sample Size: 950 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	2	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 13:51

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 00:34

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-06 D

Preparation Batch: BJF0221 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.70	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-06 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.70	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-110-PW-12-060521

21F0130-06RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:51

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 09:19

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-06RE1 F 02

Preparation Batch: BJG0208 — Sample Size: 25 mL

Prepared: 07/09/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.219	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 09:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:20

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-07

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.4	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 09:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:20

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-07 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	232	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4230	ug/L	
Iron	7439-89-6	1	18.2	36.0	226	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.237	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	448	ug/L	
Manganese	7439-96-5	1	0.142	0.500	12.7	ug/L	
Potassium	7440-09-7	1	10.9	20.0	391	ug/L	
Sodium	7440-23-5	1	16.4	100	578	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 09:00
Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:53

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-07 F 01
Preparation Batch: BJF0619 — Sample Size: 25 mL
Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.97	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.12	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 09:00
Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-07 B
Preparation Batch: BJF0206 — Sample Size: 10 mL
Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.102	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.39	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 09:00
Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 11:01

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-07 C
Preparation Batch: BJF0446 — Sample Size: 100 mL
Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.73	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.73	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 09:00
Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-07
Preparation Batch: BJF0228 — Sample Size: 200 mL
Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	22	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 09:00
Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-07
Preparation Batch: BJF0265 — Sample Size: 880 mL
Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	7	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 09:00
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 00:56

Sample Preparation: Preparation Method: No Prep Wet Chem; Preparation Batch: BJF0221; Prepared: 06/09/2021; Sample Size: 20 mL; Final Volume: 20 mL — Extract ID: 21F0130-07 D

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.77	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem; Preparation Batch: BJF0559; Prepared: 06/21/2021; Sample Size: 20 mL; Final Volume: 20 mL — Extract ID: 21F0130-07 E

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.73	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-07RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 09:00
Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 10:00

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-07RE1 F 02
Preparation Batch: BJG0208 — Sample Size: 25 mL
Prepared: 07/09/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.221	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-08 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/05/2021 09:00
Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:04

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-08 A 02
Preparation Batch: BJF0520 — Sample Size: 25 mL
Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	18.5	ug/L	J
Calcium, Dissolved	7440-70-2	1	11.1	50.0	3760	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	24.2	ug/L	J
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	383	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	5.34	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	333	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	575	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-08 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 09:00
Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:04

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-08 A 02
Preparation Batch: BJF0520 — Sample Size: 25 mL
Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	2.01	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	4.52	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-5A-SW-060521

21F0130-08RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 09:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/02/2021 00:38

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-08RE1 A 01

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0318	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 13:15

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 17:42

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-09

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	1.04	296	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 13:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 17:42

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-09 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	5	14.6	100	7830	ug/L	D
Calcium	7440-70-2	5	55.5	250	95700	ug/L	D
Iron	7439-89-6	1	18.2	36.0	202	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.179	ug/L	
Magnesium	7439-95-4	5	11.1	100	13900	ug/L	D
Potassium	7440-09-7	5	54.5	100	8010	ug/L	D
Sodium	7440-23-5	5	82.0	500	5120	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:59

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-09 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	7.43	ug/L	
Copper	7440-50-8	1	0.173	0.500	42.7	ug/L	
Zinc	7440-66-6	5	4.70	30.0	619	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 13:15

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 03:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-09 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.397	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 13:15
Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 11:01

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-09 C
Preparation Batch: BJF0446 — Sample Size: 100 mL
Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 13:15

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-09

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	560	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 13:15

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-09

Preparation Batch: BJF0265 — Sample Size: 920 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 13:15

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 01:14

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-09 D

Preparation Batch: BJF0221 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.51	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-09 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.53	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 13:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 15:36

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-09RE1 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Manganese	7439-96-5	50	7.10	25.0	10400	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-10-WP-060521

21F0130-09RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 13:15

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 01:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-09RE1 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	79	7.90	7.90	309	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 08:53

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:23

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-10

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.8	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 08:53

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:23

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-10 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	210	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4370	ug/L	
Iron	7439-89-6	1	18.2	36.0	206	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.265	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	450	ug/L	
Manganese	7439-96-5	1	0.142	0.500	14.6	ug/L	
Potassium	7440-09-7	1	10.9	20.0	414	ug/L	
Sodium	7440-23-5	1	16.4	100	596	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 08:53

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 06:23

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-10 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	4.01	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.29	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 08:53

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 04:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-10 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.102	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.88	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 08:53

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-10 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.94	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.94	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 08:53

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-10

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	26	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 08:53

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-10

Preparation Batch: BJF0265 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	11	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 08:53

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 01:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-10 D

Preparation Batch: BJF0221 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.78	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-10 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.78	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-6-060521

21F0130-10RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 08:53

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 10:04

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-10RE1 F 02

Preparation Batch: BJG0208 — Sample Size: 25 mL

Prepared: 07/09/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.239	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 09:33

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:26

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-11

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.3	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 09:33

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-11 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	158	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4200	ug/L	
Iron	7439-89-6	1	18.2	36.0	167	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.183	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	431	ug/L	
Manganese	7439-96-5	1	0.142	0.500	8.96	ug/L	
Potassium	7440-09-7	1	10.9	20.0	376	ug/L	
Sodium	7440-23-5	1	16.4	100	560	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 09:33

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 06:28

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-11 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.61	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.25	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 09:33

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 05:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-11 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.103	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.52	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 09:33

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-11 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.04	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.04	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 09:33

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-11

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	22	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 09:33

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-11

Preparation Batch: BJF0265 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	6	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 09:33

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 05:11

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-11 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.77	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-11 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.75	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-11RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 09:33

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 10:08

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-11RE1 F 02

Preparation Batch: BJG0208 — Sample Size: 25 mL

Prepared: 07/09/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.182	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-12 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/05/2021 09:33

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-12 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	19.0	ug/L	J
Calcium, Dissolved	7440-70-2	1	11.1	50.0	3780	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	18.4	ug/L	J
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	388	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	4.11	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	342	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	574	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-12 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 09:33

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-12 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	1.76	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	3.67	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-PW-12-060521

21F0130-12RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 09:33

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/02/2021 00:41

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-12RE1 A 01

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0360	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 10:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:30

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-13

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	16.9	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 10:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-13 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	107	ug/L	
Calcium	7440-70-2	1	11.1	50.0	5540	ug/L	
Iron	7439-89-6	1	18.2	36.0	96.6	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0750	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	752	ug/L	
Manganese	7439-96-5	1	0.142	0.500	6.12	ug/L	
Potassium	7440-09-7	1	10.9	20.0	633	ug/L	
Sodium	7440-23-5	1	16.4	100	961	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 10:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 06:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-13 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.46	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.56	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 10:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 05:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-13 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.117	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	8.31	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 10:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-13 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	9.87	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	9.87	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 10:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-13

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	28	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 10:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-13

Preparation Batch: BJF0265 — Sample Size: 970 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	7	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 10:00
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 05:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-13 D
Preparation Batch: BJF0223 — Sample Size: 20 mL
Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.59	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-13 E
Preparation Batch: BJF0559 — Sample Size: 20 mL
Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.57	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-36-060521

21F0130-13RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 10:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 10:12

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-13RE1 F 02

Preparation Batch: BJG0208 — Sample Size: 25 mL

Prepared: 07/09/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.121	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 11:33

Instrument: [CALC] Analyst: MCB Analyzed: 07/13/2021 19:30

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-14

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	53.0	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 11:33

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 19:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-14 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	30.0	ug/L	
Calcium	7440-70-2	1	11.1	50.0	17200	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	2480	ug/L	
Manganese	7439-96-5	1	0.142	0.500	2.47	ug/L	
Potassium	7440-09-7	1	10.9	20.0	1390	ug/L	
Sodium	7440-23-5	1	16.4	100	1540	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 11:33

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 19:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-14 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.148	ug/L	
Copper	7440-50-8	1	0.173	0.500	0.587	ug/L	
Zinc	7440-66-6	1	2.92	6.00	14.2	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 11:33

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 05:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-14 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.253	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.132	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 11:33

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-14 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	9.57	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	9.57	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 11:33

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-14

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	102	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 11:33

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-14

Preparation Batch: BJF0265 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 11:33

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 05:51

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-14 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-14 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-12-060521

21F0130-14RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 11:33

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 01:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-14RE1 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	11	1.10	1.10	46.4	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 11:30

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:33

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-15

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	40.7	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 11:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:33

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-15 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	225	ug/L	
Calcium	7440-70-2	1	11.1	50.0	13600	ug/L	
Iron	7439-89-6	1	18.2	36.0	147	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0870	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	1650	ug/L	
Manganese	7439-96-5	1	0.142	0.500	102	ug/L	
Potassium	7440-09-7	1	10.9	20.0	931	ug/L	
Sodium	7440-23-5	1	16.4	100	1270	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 11:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 06:37

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-15 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.272	ug/L	
Copper	7440-50-8	1	0.173	0.500	1.88	ug/L	
Zinc	7440-66-6	1	2.92	6.00	10.4	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 11:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 06:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-15 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.205	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.156	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 11:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-15 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	15.3	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	15.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 11:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-15

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	66	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 11:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-15

Preparation Batch: BJF0265 — Sample Size: 950 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	2	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 11:30

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 06:16

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-15 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.54	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-15 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-36-060521

21F0130-15RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 11:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 02:07

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-15RE1 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	6	0.600	0.600	22.9	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 11:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:37

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-16

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	35.0	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:37

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-16 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	18.6	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	11900	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1260	ug/L	
Manganese	7439-96-5	1	0.142	0.500	3.33	ug/L	
Potassium	7440-09-7	1	10.9	20.0	715	ug/L	
Sodium	7440-23-5	1	16.4	100	1110	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 06:41

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-16 F 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.905	ug/L	
Zinc	7440-66-6	1	2.92	6.00	3.82	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 11:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 06:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-16 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.177	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.150	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 11:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-16 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	15.8	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	15.8	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 11:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-16

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	54	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 11:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-16

Preparation Batch: BJF0265 — Sample Size: 910 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 11:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 06:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-16 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-16 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.51	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 10:16

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-16RE1 F 02

Preparation Batch: BJG0208 — Sample Size: 25 mL

Prepared: 07/09/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.231	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-WP-060521

21F0130-16RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 11:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 02:27

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-16RE1 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	4	0.400	0.400	15.0	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 16:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 02:06

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-17

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	57.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 02:06

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-17 L 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	266	ug/L	
Calcium	7440-70-2	1	11.1	50.0	19000	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	2370	ug/L	
Manganese	7439-96-5	1	0.142	0.500	30.9	ug/L	
Potassium	7440-09-7	1	10.9	20.0	3460	ug/L	
Sodium	7440-23-5	1	16.4	100	2260	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 06:46

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-17 L 01

Preparation Batch: BJF0619 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.772	ug/L	
Copper	7440-50-8	1	0.173	0.500	4.97	ug/L	
Zinc	7440-66-6	1	2.92	6.00	84.1	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 06:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-17 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.149	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 16:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-17 E

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.65	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.65	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 16:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 14:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-17

Preparation Batch: BJF0225 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	106	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 16:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-17

Preparation Batch: BJF0265 — Sample Size: 950 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 16:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/09/2021 16:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-17 H

Preparation Batch: BJF0221 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-17 I

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-16D-GW-060521

21F0130-17RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 02:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-17RE1 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	12	1.20	1.20	46.9	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 16:05

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 19:42

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-18

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	62.5	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 16:05

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 19:42

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-18 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	258	ug/L	
Calcium	7440-70-2	1	11.1	50.0	21100	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	2370	ug/L	
Manganese	7439-96-5	1	0.142	0.500	29.8	ug/L	
Potassium	7440-09-7	1	10.9	20.0	3510	ug/L	
Sodium	7440-23-5	1	16.4	100	2210	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:05

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 04:03

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-18 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.786	ug/L	
Copper	7440-50-8	1	0.173	0.500	5.01	ug/L	
Zinc	7440-66-6	1	0.940	6.00	77.4	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:05

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 11:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-18 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.148	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 16:05

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-18 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.75	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.75	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 16:05

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-18

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	117	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 16:05

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-18

Preparation Batch: BJF0265 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 16:05
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 07:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-18 D
Preparation Batch: BJF0223 — Sample Size: 20 mL
Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-18 E
Preparation Batch: BJF0559 — Sample Size: 20 mL
Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-116D-GW-060521

21F0130-18RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:05

Instrument: IC930 Analyst: CDE — Analyzed: 06/13/2021 02:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-18RE1 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	13	1.30	1.30	44.2	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 13:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 20:02

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-19

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	49.1	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 13:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:02

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-19 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	9.14	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	16900	ug/L	
Iron	7439-89-6	1	18.2	36.0	244	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1650	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.552	ug/L	
Potassium	7440-09-7	1	10.9	20.0	2980	ug/L	
Sodium	7440-23-5	1	16.4	100	1690	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 04:07

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-19 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.170	ug/L	
Copper	7440-50-8	1	0.173	0.500	1.87	ug/L	
Zinc	7440-66-6	1	2.92	6.00	15.6	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 13:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 11:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-19 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.146	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 13:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-19 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	25.5	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	25.5	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 13:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-19

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	80	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 13:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-19

Preparation Batch: BJF0265 — Sample Size: 950 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 13:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 08:07

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-19 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-19 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-15-GW-060521

21F0130-19RE2 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 13:00

Instrument: IC930 Analyst: CDE — Analyzed: 07/01/2021 23:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-19RE2 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	5	0.500	0.500	25.8	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

EB-GW-060521

21F0130-20 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 16:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/15/2021 23:50

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-20 A 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	11.8	ug/L	J
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Manganese	7439-96-5	1	0.142	0.500	0.872	ug/L	
Potassium	7440-09-7	1	10.9	20.0	ND	ug/L	U
Sodium	7440-23-5	1	16.4	100	78.6	ug/L	J

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

EB-GW-060521

21F0130-20 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 02:40

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-20 A 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

EB-GW-060521

21F0130-20RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 02:17

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-20RE1 A 02

Preparation Batch: BJG0294 — Sample Size: 100 mL

Prepared: 07/14/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 14:55

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 01:13

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-21

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	10.7	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 14:55

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 01:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-21 L 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	102	ug/L	
Calcium	7440-70-2	1	11.1	50.0	3470	ug/L	
Iron	7439-89-6	1	18.2	36.0	117	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	484	ug/L	
Manganese	7439-96-5	1	0.142	0.500	2.30	ug/L	
Potassium	7440-09-7	1	10.9	20.0	526	ug/L	
Sodium	7440-23-5	1	16.4	100	567	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 14:55

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 04:20

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-21 L 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.507	ug/L	
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 14:55

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 15:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-21 C

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.127	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.25	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 14:55

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-21 E

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.14	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.14	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 14:55

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-21

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	19	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 14:55

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-21

Preparation Batch: BJF0265 — Sample Size: 940 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	4	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 14:55

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 03:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-21 G

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.58	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-21 I

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.51	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-16-SW-060521

21F0130-21RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 14:55

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 02:39

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-21RE1 L 02

Preparation Batch: BJG0294 — Sample Size: 100 mL

Prepared: 07/14/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.00640	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 13:40

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 20:05

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-22

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	11.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 13:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:05

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-22 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	218	ug/L	
Calcium	7440-70-2	1	11.1	50.0	3950	ug/L	
Iron	7439-89-6	1	18.2	36.0	282	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.226	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	421	ug/L	
Manganese	7439-96-5	1	0.142	0.500	6.64	ug/L	
Potassium	7440-09-7	1	10.9	20.0	386	ug/L	
Sodium	7440-23-5	1	16.4	100	585	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 04:12

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-22 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	3.31	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.13	ug/L	J

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 13:40

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 11:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-22 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.107	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.00	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 13:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-22 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.63	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.63	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 13:40

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-22

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	20	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 13:40

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-22

Preparation Batch: BJF0265 — Sample Size: 940 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	5	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 13:40

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 08:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-22 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.87	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-22 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.77	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-22RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 02:20

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-22RE1 F 02

Preparation Batch: BJG0294 — Sample Size: 100 mL

Prepared: 07/14/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0390	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-23 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/05/2021 13:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-23 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	27.3	ug/L	
Calcium, Dissolved	7440-70-2	1	11.1	50.0	3230	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	27.3	ug/L	J
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	324	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	1.55	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	300	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	540	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-23 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-23 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	2.19	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-4-SW-060521

21F0130-23RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 13:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/02/2021 00:44

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-23RE1 A 01

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0338	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 16:27

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 20:08

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-24

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	10.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 16:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-24 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	178	ug/L	
Calcium	7440-70-2	1	11.1	50.0	3620	ug/L	
Iron	7439-89-6	1	18.2	36.0	228	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.181	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	387	ug/L	
Manganese	7439-96-5	1	0.142	0.500	5.55	ug/L	
Potassium	7440-09-7	1	10.9	20.0	371	ug/L	
Sodium	7440-23-5	1	16.4	100	539	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 04:16

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-24 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.90	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.12	ug/L	J

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:27

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 12:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-24 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.105	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.12	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 16:27

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-24 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.12	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.12	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 16:27

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-24

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	18	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 16:27

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-24

Preparation Batch: BJF0265 — Sample Size: 940 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	4	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 16:27

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 08:51

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-24 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.77	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-24 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.67	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-24RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 02:24

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-24RE1 F 02

Preparation Batch: BJG0294 — Sample Size: 100 mL

Prepared: 07/14/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0390	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-25 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/05/2021 16:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:17

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-25 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	20.6	ug/L	
Calcium, Dissolved	7440-70-2	1	11.1	50.0	3320	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	23.7	ug/L	J
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	335	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	1.46	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	326	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	545	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-25 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:17

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-25 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	2.03	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	3.38	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-7-SW-060521

21F0130-25RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/02/2021 00:47

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-25RE1 A 01

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0294	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 16:30

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 20:12

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-26

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	11.2	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 16:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:12

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-26 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	161	ug/L	
Calcium	7440-70-2	1	11.1	50.0	3820	ug/L	
Iron	7439-89-6	1	18.2	36.0	218	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.172	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	398	ug/L	
Manganese	7439-96-5	1	0.142	0.500	5.47	ug/L	
Potassium	7440-09-7	1	10.9	20.0	390	ug/L	
Sodium	7440-23-5	1	16.4	100	584	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 05:00

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-26 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.89	ug/L	
Zinc	7440-66-6	1	2.92	6.00	3.93	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 12:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-26 B

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.105	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.11	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 16:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-26 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	6.82	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	6.82	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 16:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-26

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	20	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 16:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-26

Preparation Batch: BJF0265 — Sample Size: 920 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	4	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 16:30

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 09:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-26 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.78	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-26 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.71	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-26RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 02:28

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-26RE1 F 02

Preparation Batch: BJG0294 — Sample Size: 100 mL

Prepared: 07/14/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0410	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-27 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/05/2021 16:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:22

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-27 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	20.7	ug/L	
Calcium, Dissolved	7440-70-2	1	11.1	50.0	3330	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	21.6	ug/L	J
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	335	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	1.54	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	324	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	543	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-27 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 00:22

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-27 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	2.09	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	3.73	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

RC-107-SW-060521

21F0130-27RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/02/2021 00:51

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-27RE1 A 01

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0334	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 15:39

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 01:48

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-28

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 15:39

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 01:48

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-28 L 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	62.4	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4340	ug/L	
Iron	7439-89-6	1	18.2	36.0	66.5	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	425	ug/L	
Manganese	7439-96-5	1	0.142	0.500	2.38	ug/L	
Potassium	7440-09-7	1	10.9	20.0	395	ug/L	
Sodium	7440-23-5	1	16.4	100	606	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 15:39

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 06:22

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-28 L 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.04	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.89	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 15:39

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 17:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-28 A

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.112	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	4.42	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 15:39

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-28 F

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.55	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.55	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 15:39

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-28

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	19	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 15:39

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-28

Preparation Batch: BJF0269 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 15:39

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/18/2021 19:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-28 I

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.72	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-28 J

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.71	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-6-060521

21F0130-28RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 15:39

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 03:32

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-28RE1 L 02

Preparation Batch: BJG0240 — Sample Size: 100 mL

Prepared: 07/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0418	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 16:44

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 20:15

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-29

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	13.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 16:44

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:15

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-29 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	63.1	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4720	ug/L	
Iron	7439-89-6	1	18.2	36.0	79.0	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	437	ug/L	
Manganese	7439-96-5	1	0.142	0.500	1.61	ug/L	
Potassium	7440-09-7	1	10.9	20.0	397	ug/L	
Sodium	7440-23-5	1	16.4	100	601	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:44

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 05:04

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-29 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	1.91	ug/L	
Zinc	7440-66-6	1	2.92	6.00	6.11	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:44

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 12:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-29 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.109	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	4.49	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 16:44

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-29 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.63	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.63	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 16:44

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-29

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	22	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 16:44

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-29

Preparation Batch: BJF0265 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	3	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 16:44

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 09:39

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-29 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.61	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-29 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.68	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-PW-12-060521

21F0130-29RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:44

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 02:31

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-29RE1 F 02

Preparation Batch: BJG0294 — Sample Size: 100 mL

Prepared: 07/14/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0370	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-30 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 16:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 20:18

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-30

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.8	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-30 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:18

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-30 C 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	39.7	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4410	ug/L	
Iron	7439-89-6	1	18.2	36.0	71.2	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	423	ug/L	
Manganese	7439-96-5	1	0.142	0.500	8.92	ug/L	
Potassium	7440-09-7	1	10.9	20.0	455	ug/L	
Sodium	7440-23-5	1	16.4	100	596	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-30 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 05:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-30 C 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	1.79	ug/L	
Zinc	7440-66-6	1	2.92	6.00	9.00	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-30 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 13:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-30 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.106	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.81	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-30 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 16:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-30 B

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.14	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.14	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-30 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 16:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 15:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-30

Preparation Batch: BJF0228 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	20	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-30RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 02:35

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-30RE1 C 02

Preparation Batch: BJG0294 — Sample Size: 100 mL

Prepared: 07/14/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0602	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-31 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 01:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-31 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	5.24	ug/L	J
Calcium, Dissolved	7440-70-2	1	11.1	50.0	3930	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	421	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	8.23	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	456	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	600	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-31 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 01:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-31 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	1.26	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	9.00	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-36-060521

21F0130-31RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/02/2021 00:53

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-31RE1 A 01

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0580	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 16:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 17:29

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-32

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		2	0.414	103	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 17:29

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-32 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	2	5.83	40.0	91.2	ug/L	D
Calcium	7440-70-2	2	22.2	100	33000	ug/L	D
Iron	7439-89-6	2	36.4	72.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	2	4.44	40.0	4880	ug/L	D
Manganese	7439-96-5	1	0.142	0.500	243	ug/L	
Potassium	7440-09-7	2	21.8	40.0	2440	ug/L	D
Sodium	7440-23-5	2	32.8	200	2560	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 05:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-32 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.621	ug/L	
Copper	7440-50-8	1	0.173	0.500	0.881	ug/L	
Zinc	7440-66-6	1	2.92	6.00	43.3	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 13:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-32 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.287	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 16:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-32 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.84	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.84	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 16:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-32

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	153	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 16:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-32

Preparation Batch: BJF0265 — Sample Size: 950 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 16:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 09:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-32 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-32 E

Preparation Batch: BJF0559 — Sample Size: 20 mL

Prepared: 06/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-17-WP-060521

21F0130-32RE2 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 16:00

Instrument: IC930 Analyst: CDE — Analyzed: 07/02/2021 00:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-32RE2 A

Preparation Batch: BJF0205 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	20	2.00	2.00	79.9	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 10:15

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 16:52

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-33

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	0.707	89.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 10:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:22

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-33 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	62.8	ug/L	
Calcium	7440-70-2	5	55.5	250	28700	ug/L	D
Iron	7439-89-6	1	18.2	36.0	341	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0770	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	4260	ug/L	
Manganese	7439-96-5	1	0.142	0.500	4.05	ug/L	
Potassium	7440-09-7	1	10.9	20.0	1870	ug/L	
Sodium	7440-23-5	1	16.4	100	2700	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 10:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/19/2021 23:27

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-33 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	2	0.0600	0.200	0.686	ug/L	D
Copper	7440-50-8	1	0.173	0.500	1.01	ug/L	
Zinc	7440-66-6	1	2.92	6.00	23.3	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 10:15

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 17:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-33 B

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.272	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 10:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-33 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	24.2	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	24.2	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 10:15

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-33

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	145	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 10:15

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 14:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-33

Preparation Batch: BJF0265 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	2	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 10:15

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 10:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-33 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.80	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-33 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	1.04	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-WP-060521

21F0130-33RE2 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 10:15

Instrument: IC930 Analyst: CDE — Analyzed: 07/02/2021 00:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-33RE2 B

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	20	2.00	2.00	58.4	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/05/2021 10:56

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 20:26

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-34

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	48.4	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/05/2021 10:56

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-34 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	36.9	ug/L	
Calcium	7440-70-2	1	11.1	50.0	15800	ug/L	
Iron	7439-89-6	1	18.2	36.0	37.7	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	2160	ug/L	
Manganese	7439-96-5	1	0.142	0.500	1.79	ug/L	
Potassium	7440-09-7	1	10.9	20.0	1180	ug/L	
Sodium	7440-23-5	1	16.4	100	1350	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/05/2021 10:56

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 05:21

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-34 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.120	ug/L	
Copper	7440-50-8	1	0.173	0.500	0.694	ug/L	
Zinc	7440-66-6	1	2.92	6.00	8.86	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 10:56

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 17:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-34 B

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.208	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.122	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/05/2021 10:56

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-34 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	9.77	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	9.77	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/05/2021 10:56

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-34

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	81	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/05/2021 10:56

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-34

Preparation Batch: BJF0269 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/05/2021 10:56
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 10:33

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-34 D
Preparation Batch: BJF0223 — Sample Size: 20 mL
Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-34 E
Preparation Batch: BJF0695 — Sample Size: 20 mL
Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.54	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-18-PW-6-060521

21F0130-34RE2 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/05/2021 10:56

Instrument: IC930 Analyst: CDE — Analyzed: 07/02/2021 01:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-34RE2 B

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	10	1.00	1.00	37.3	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

EB-GW-060621

21F0130-35 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 01:03

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-35 A 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	17.1	ug/L	J
Iron	7439-89-6	1	18.2	36.0	28.1	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Manganese	7439-96-5	1	0.142	0.500	0.626	ug/L	
Potassium	7440-09-7	1	10.9	20.0	18.7	ug/L	J
Sodium	7440-23-5	1	16.4	100	43.7	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

EB-GW-060621

21F0130-35 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 02:44

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-35 A 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.439	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

EB-GW-060621

21F0130-35RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 03:09

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-35RE1 A 02

Preparation Batch: BJG0294 — Sample Size: 100 mL

Prepared: 07/14/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 09:27

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 20:30

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-36

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	15.2	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 09:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 20:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-36 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	172	ug/L	
Calcium	7440-70-2	1	11.1	50.0	5240	ug/L	
Iron	7439-89-6	1	18.2	36.0	230	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.145	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	522	ug/L	
Manganese	7439-96-5	1	0.142	0.500	11.0	ug/L	
Potassium	7440-09-7	1	10.9	20.0	424	ug/L	
Sodium	7440-23-5	1	16.4	100	649	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 05:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-36 F 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.99	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.48	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 09:27

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 18:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-36 A

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.126	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	4.62	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 09:27

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-36 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.75	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.75	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 09:27

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-36

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	19	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 09:27

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-36

Preparation Batch: BJF0269 — Sample Size: 930 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	4	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 09:27

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 10:51

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-36 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.69	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-36 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.72	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-36RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/26/2021 15:09

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-36RE1 F 02

Preparation Batch: BJG0561 — Sample Size: 100 mL

Prepared: 07/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0470	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-37 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/06/2021 09:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 01:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-37 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	41.5	ug/L	
Calcium, Dissolved	7440-70-2	1	11.1	50.0	4540	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	62.2	ug/L	
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	463	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	7.60	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	405	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	627	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-37 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 01:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-37 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	2.30	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	4.89	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-11-SW-060621

21F0130-37RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:27

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 07:36

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-37RE1 A 02

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0368	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-STP3-060621

21F0130-38 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 11:15

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 21:03

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-38

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	18.2	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-STP3-060621

21F0130-38 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 11:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:03

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-38 B 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	25.7	ug/L	
Calcium	7440-70-2	1	11.1	50.0	6130	ug/L	
Iron	7439-89-6	1	18.2	36.0	23.4	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	0.0790	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	692	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.736	ug/L	
Potassium	7440-09-7	1	10.9	20.0	525	ug/L	
Sodium	7440-23-5	1	16.4	100	714	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-STP3-060621

21F0130-38 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 11:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 05:31

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-38 B 01

Preparation Batch: BJF0617 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.443	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-STP3-060621

21F0130-38 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 11:15

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 18:41

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-38 A

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.46	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-STP3-060621

21F0130-38RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 11:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 03:13

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-38RE1 B 02

Preparation Batch: BJG0240 — Sample Size: 100 mL

Prepared: 07/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0116	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 09:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 01:06

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-39

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 09:00
Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 01:06

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-39 F 01
Preparation Batch: BJF0615 — Sample Size: 25 mL
Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	7.23	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	ND	ug/L	U
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	ND	ug/L	U
Manganese	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium	7440-09-7	1	10.9	20.0	ND	ug/L	U
Sodium	7440-23-5	1	16.4	100	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 02:49

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-39 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.183	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 09:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 19:01

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-39 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 09:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-39 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 09:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-39

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 09:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-39

Preparation Batch: BJF0269 — Sample Size: 910 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 09:00
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 11:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-39 D
Preparation Batch: BJF0223 — Sample Size: 20 mL
Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-39 E
Preparation Batch: BJF0695 — Sample Size: 20 mL
Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-SW-060621

21F0130-39RE3 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:00

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-39RE3 F 02

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	5	0.150	0.500	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank1-SW-060621

21F0130-40 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/06/2021 09:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/24/2021 23:19

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-40 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	ND	ug/L	U
Calcium, Dissolved	7440-70-2	1	11.1	50.0	ND	ug/L	U
Iron, Dissolved	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	ND	ug/L	U
Manganese, Dissolved	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium, Dissolved	7440-09-7	1	10.9	20.0	ND	ug/L	U
Sodium, Dissolved	7440-23-5	1	16.4	100	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank1-SW-060621

21F0130-40 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/24/2021 23:19

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-40 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc, Dissolved	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank1-SW-060621

21F0130-40RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/01/2021 23:07

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-40RE1 A 01

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	ND	ug/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 13:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 17:32

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-41

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		2	0.414	50.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 13:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 17:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-41 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	2	5.83	40.0	3920	ug/L	D
Calcium	7440-70-2	2	22.2	100	16900	ug/L	D
Iron	7439-89-6	2	36.4	72.0	85.4	ug/L	D
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	2	4.44	40.0	2040	ug/L	D
Manganese	7439-96-5	1	0.142	0.500	139	ug/L	
Potassium	7440-09-7	2	21.8	40.0	1860	ug/L	D
Sodium	7440-23-5	2	32.8	200	1660	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 13:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 05:36

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-41 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.767	ug/L	
Copper	7440-50-8	1	0.173	0.500	19.0	ug/L	
Zinc	7440-66-6	1	0.940	6.00	87.0	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 13:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 19:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-41 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.139	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 13:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/16/2021 15:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-41 C

Preparation Batch: BJF0457 — Sample Size: 100 mL

Prepared: 06/16/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 13:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-41

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	128	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 13:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-41

Preparation Batch: BJF0269 — Sample Size: 920 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	1	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 13:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 12:16

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-41 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-41 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-17-GW-060621

21F0130-41RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 13:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 22:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-41RE1 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	17	1.70	1.70	60.2	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 11:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 15:39

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-42

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		50	10.4	1310	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 15:39

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-42 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	50	146	1000	11400	ug/L	D
Calcium	7440-70-2	50	555	2500	466000	ug/L	D
Iron	7439-89-6	50	910	1800	408000	ug/L	D
Lead	7439-92-1	5	0.257	0.500	38.4	ug/L	D
Magnesium	7439-95-4	50	111	1000	35500	ug/L	D
Manganese	7439-96-5	50	7.10	25.0	3190	ug/L	D
Potassium	7440-09-7	50	545	1000	39900	ug/L	D
Sodium	7440-23-5	50	820	5000	11300	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:46

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-42 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	5	0.150	0.500	6.36	ug/L	D
Copper	7440-50-8	5	0.865	2.50	136	ug/L	D
Zinc	7440-66-6	50	47.0	300	4590	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 11:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 19:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-42 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.419	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 11:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-42 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 11:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-42

Preparation Batch: BJF0236 — Sample Size: 50 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	20	20	2810	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 11:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-42

Preparation Batch: BJF0269 — Sample Size: 100 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	10	10	701	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 11:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 12:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-42 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	6.39	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-42 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	1.28	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-42RE3 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 11:00

Instrument: IC930 Analyst: CDE — Analyzed: 07/01/2021 22:06

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-42RE3 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	500	50.0	50.0	1410	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-43 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/06/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 17:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-43 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	2	5.83	40.0	121	ug/L	D
Lead, Dissolved	7439-92-1	2	0.103	0.200	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	2	4.44	40.0	25700	ug/L	D
Manganese, Dissolved	7439-96-5	20	2.84	10.0	2980	ug/L	D
Potassium, Dissolved	7440-09-7	2	21.8	40.0	24700	ug/L	D
Sodium, Dissolved	7440-23-5	2	32.8	200	8750	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-43 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/28/2021 22:58

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-43 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	2	0.0600	0.200	1.44	ug/L	D
Copper, Dissolved	7440-50-8	2	0.346	1.00	0.722	ug/L	J, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-43RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/06/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/29/2021 14:09

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-43RE1 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Calcium, Dissolved	7440-70-2	20	222	1000	419000	ug/L	D
Iron, Dissolved	7439-89-6	20	364	720	338000	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14S-GW-060621

21F0130-43RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 11:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/29/2021 14:09

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-43RE1 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Zinc, Dissolved	7440-66-6	20	18.8	120	3960	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 10:55

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 15:22

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-44

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	1.04	50.2	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 10:55

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 15:22

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-44 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	5	14.6	100	6730	ug/L	D
Calcium	7440-70-2	5	55.5	250	15900	ug/L	D
Iron	7439-89-6	5	91.0	180	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	5	11.1	100	2530	ug/L	D
Manganese	7439-96-5	5	0.710	2.50	462	ug/L	D
Potassium	7440-09-7	5	54.5	100	1920	ug/L	D
Sodium	7440-23-5	5	82.0	500	1940	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 10:55

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 06:00

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-44 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0400	0.100	3.70	ug/L	
Copper	7440-50-8	1	0.173	0.500	134	ug/L	
Zinc	7440-66-6	5	4.70	30.0	443	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 10:55

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 20:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-44 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.120	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 10:55

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-44 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 10:55

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-44

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	146	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 10:55

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-44

Preparation Batch: BJF0269 — Sample Size: 920 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 10:55

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/10/2021 13:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-44 D

Preparation Batch: BJF0223 — Sample Size: 20 mL

Prepared: 06/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.55	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-44 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP3-14D-GW-060621

21F0130-44RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 10:55

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 23:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-44RE1 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	22	2.20	2.20	79.5	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 15:31

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 16:57

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-45

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		10	1.33	172	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 15:31

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:06

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-45 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	3.90	ug/L	J
Calcium	7440-70-2	10	111	500	54200	ug/L	D
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	8820	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.312	ug/L	J
Potassium	7440-09-7	1	10.9	20.0	2170	ug/L	
Sodium	7440-23-5	1	16.4	100	3270	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 15:31

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 06:05

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-45 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.154	ug/L	
Copper	7440-50-8	1	0.173	0.500	0.740	ug/L	
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 15:31

Instrument: IC930 Analyst: CDE — Analyzed: 06/08/2021 16:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-45 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.296	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.167	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 15:31

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-45 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	33.7	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	33.7	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 15:31

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-45

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	258	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 15:31

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-45

Preparation Batch: BJF0269 — Sample Size: 910 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 15:31

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/11/2021 13:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-45 D

Preparation Batch: BJF0262 — Sample Size: 20 mL

Prepared: 06/10/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-45 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9D-GW-060621

21F0130-45RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 15:31

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 02:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-45RE1 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	32	3.20	3.20	108	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 16:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 15:19

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-46

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		10	2.07	225	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 15:19

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-46 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	10	29.2	200	4810	ug/L	D
Calcium	7440-70-2	10	111	500	72400	ug/L	D
Iron	7439-89-6	10	182	360	18000	ug/L	D
Lead	7439-92-1	1	0.0513	0.100	0.109	ug/L	
Magnesium	7439-95-4	10	22.2	200	10700	ug/L	D
Manganese	7439-96-5	10	1.42	5.00	1370	ug/L	D
Potassium	7440-09-7	10	109	200	8060	ug/L	D
Sodium	7440-23-5	10	164	1000	4450	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 16:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 06:09

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-46 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	2.29	ug/L	
Copper	7440-50-8	1	0.173	0.500	16.7	ug/L	
Zinc	7440-66-6	10	29.2	60.0	373	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 16:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/08/2021 18:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-46 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.399	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 16:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-46 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 16:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-46

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	468	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 16:00

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-46

Preparation Batch: BJF0269 — Sample Size: 910 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 16:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/11/2021 13:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-46 D

Preparation Batch: BJF0262 — Sample Size: 20 mL

Prepared: 06/10/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-46 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9I-GW-060621

21F0130-46RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 16:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 10:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-46RE1 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	66	6.60	6.60	245	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 15:20

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 21:10

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-47

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	23.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 15:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:10

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-47 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	12.4	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	7880	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	954	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.680	ug/L	
Potassium	7440-09-7	1	10.9	20.0	748	ug/L	
Sodium	7440-23-5	1	16.4	100	1180	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 15:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 06:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-47 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.131	ug/L	
Copper	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc	7440-66-6	1	2.92	6.00	9.48	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 15:20

Instrument: IC930 Analyst: CDE — Analyzed: 06/08/2021 17:41

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-47 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.317	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 15:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-47 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.35	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.35	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 15:20

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-47

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	46	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 15:20

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-47

Preparation Batch: BJF0269 — Sample Size: 930 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 15:20

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/11/2021 14:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-47 D

Preparation Batch: BJF0262 — Sample Size: 20 mL

Prepared: 06/10/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-47 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

DS-9S-GW-060621

21F0130-47RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 15:20

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 09:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-47RE1 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	3	0.300	0.300	13.9	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 09:20

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 21:13

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-48

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	40.7	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 09:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-48 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	6.10	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	13300	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1820	ug/L	
Manganese	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium	7440-09-7	1	10.9	20.0	819	ug/L	
Sodium	7440-23-5	1	16.4	100	1350	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 06:18

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-48 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.178	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 09:20
Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 21:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-48 B
Preparation Batch: BJF0201 — Sample Size: 10 mL
Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.103	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.53	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 09:20
Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-48 C
Preparation Batch: BJF0471 — Sample Size: 100 mL
Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	37.0	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	37.0	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 09:20

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-48

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	57	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 09:20

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-48

Preparation Batch: BJF0269 — Sample Size: 960 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 09:20
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/18/2021 21:16

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-48 D
Preparation Batch: BJF0540 — Sample Size: 20 mL
Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-48 E
Preparation Batch: BJF0695 — Sample Size: 20 mL
Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

HV3-GW-060621

21F0130-48RE3 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:04

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-48RE3 F 02

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	5	0.150	0.500	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 15:30

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 21:16

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-49

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	30.9	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 15:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:16

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-49 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	616	ug/L	
Calcium	7440-70-2	1	11.1	50.0	10200	ug/L	
Iron	7439-89-6	1	18.2	36.0	30.6	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1340	ug/L	
Manganese	7439-96-5	1	0.142	0.500	28.6	ug/L	
Potassium	7440-09-7	1	10.9	20.0	1660	ug/L	
Sodium	7440-23-5	1	16.4	100	1740	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 15:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:02

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-49 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.975	ug/L	
Copper	7440-50-8	1	0.173	0.500	18.6	ug/L	
Zinc	7440-66-6	1	0.940	6.00	118	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 15:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/08/2021 18:01

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-49 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.135	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 15:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-49 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 15:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-49

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	80	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 15:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-49

Preparation Batch: BJF0269 — Sample Size: 950 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	1	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 15:30

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/18/2021 22:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-49 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-49 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

TP2-14-GW-060621

21F0130-49RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 15:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 09:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-49RE1 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	8	0.800	0.800	29.1	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 12:22

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 01:45

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-50

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	ND	mg/L CaCO3	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 12:22

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 01:45

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-50 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	ND	ug/L	U
Calcium	7440-70-2	1	11.1	50.0	ND	ug/L	U
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	ND	ug/L	U
Manganese	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium	7440-09-7	1	10.9	20.0	ND	ug/L	U
Sodium	7440-23-5	1	16.4	100	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 12:22

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 03:59

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-50 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 12:22

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 21:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-50 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 12:22

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-50 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 12:22

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-50

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 12:22

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-50

Preparation Batch: BJF0269 — Sample Size: 930 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 12:22

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/18/2021 22:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-50 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-50 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

FieldBlank-1-PW-060621

21F0130-50RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 12:22

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 03:24

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-50RE1 F 02

Preparation Batch: BJG0240 — Sample Size: 100 mL

Prepared: 07/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 08:35

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 21:20

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-51

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	32.1	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 08:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:20

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-51 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	22.6	ug/L	
Calcium	7440-70-2	1	11.1	50.0	10700	ug/L	
Iron	7439-89-6	1	18.2	36.0	71.6	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1280	ug/L	
Manganese	7439-96-5	1	0.142	0.500	12.7	ug/L	
Potassium	7440-09-7	1	10.9	20.0	934	ug/L	
Sodium	7440-23-5	1	16.4	100	1020	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 08:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:06

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-51 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	1.63	ug/L	
Zinc	7440-66-6	1	2.92	6.00	9.68	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 08:35
Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 21:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-51 B
Preparation Batch: BJF0201 — Sample Size: 10 mL
Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 08:35
Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-51 C
Preparation Batch: BJF0471 — Sample Size: 100 mL
Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	14.3	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	14.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 08:35

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-51

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	48	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 08:35

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-51

Preparation Batch: BJF0269 — Sample Size: 950 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 08:35
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/18/2021 23:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-51 E
Preparation Batch: BJF0540 — Sample Size: 20 mL
Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	1.16	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-51 D
Preparation Batch: BJF0695 — Sample Size: 20 mL
Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	1.21	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 08:35

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 23:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-51RE1 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	3	0.300	0.300	14.1	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East1-060621

21F0130-51RE3 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 08:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-51RE3 F 02

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	5	0.150	0.500	0.350	ug/L	J, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 10:10

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 15:26

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-52

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	1.04	56.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 10:10

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 15:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-52 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	5	14.6	100	1120	ug/L	D
Calcium	7440-70-2	5	55.5	250	18400	ug/L	D
Iron	7439-89-6	5	91.0	180	2380	ug/L	D
Lead	7439-92-1	1	0.0513	0.100	0.0780	ug/L	J
Magnesium	7439-95-4	5	11.1	100	2510	ug/L	D
Manganese	7439-96-5	5	0.710	2.50	368	ug/L	D
Potassium	7440-09-7	5	54.5	100	1620	ug/L	D
Sodium	7440-23-5	5	82.0	500	1620	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 10:10

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:10

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-52 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.574	ug/L	
Copper	7440-50-8	1	0.173	0.500	11.4	ug/L	
Zinc	7440-66-6	1	0.940	6.00	74.5	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 10:10
Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 22:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-52 B
Preparation Batch: BJF0201 — Sample Size: 10 mL
Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.103	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 10:10
Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-52 C
Preparation Batch: BJF0471 — Sample Size: 100 mL
Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	1.94	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	1.94	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 10:10

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-52

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	106	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 10:10

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-52

Preparation Batch: BJF0269 — Sample Size: 880 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	5	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 10:10
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/18/2021 23:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-52 D
Preparation Batch: BJF0540 — Sample Size: 20 mL
Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.71	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-52 E
Preparation Batch: BJF0695 — Sample Size: 20 mL
Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.56	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SW-TP3-East2-060621

21F0130-52RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 10:10

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 23:49

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-52RE1 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	13	1.30	1.30	49.1	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 14:14

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 21:23

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-53

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	19.7	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 14:14

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:23

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-53 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	141	ug/L	
Calcium	7440-70-2	1	11.1	50.0	6840	ug/L	
Iron	7439-89-6	1	18.2	36.0	197	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.134	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	632	ug/L	
Manganese	7439-96-5	1	0.142	0.500	14.2	ug/L	
Potassium	7440-09-7	1	10.9	20.0	498	ug/L	
Sodium	7440-23-5	1	16.4	100	728	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 14:14

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:15

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-53 F 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.90	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.84	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 14:14

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 22:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-53 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.118	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	9.00	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 14:14

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-53 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	9.49	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	9.49	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 14:14

Instrument: BAL2 Analyst: UW — Analyzed: 06/09/2021 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-53

Preparation Batch: BJF0236 — Sample Size: 200 mL

Prepared: 06/09/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	23	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 14:14

Instrument: BAL2 Analyst: UW — Analyzed: 06/10/2021 15:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-53

Preparation Batch: BJF0269 — Sample Size: 920 mL

Prepared: 06/10/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	3	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 14:14

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/18/2021 23:39

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-53 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.69	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-53 E

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.62	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-53RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 14:14

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 04:02

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-53RE1 F 02

Preparation Batch: BJG0240 — Sample Size: 100 mL

Prepared: 07/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0506	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-54 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/06/2021 14:14

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 01:22

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-54 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	15.9	ug/L	J
Calcium, Dissolved	7440-70-2	1	11.1	50.0	5930	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	25.8	ug/L	J
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	570	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	10.6	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	457	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	700	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-54 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 14:14

Instrument: ICPMS1 Analyst: MCB — Analyzed: 06/25/2021 01:22

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-54 A 02

Preparation Batch: BJF0520 — Sample Size: 25 mL

Prepared: 06/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	2.06	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	6.04	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SG-9-SW-060621

21F0130-54RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 14:14

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 07:41

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-54RE1 A 02

Preparation Batch: BJF0795 — Sample Size: 100 mL

Prepared: 06/30/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0448	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-45-060621

21F0130-55 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 15:40

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 21:27

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-55

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	24.5	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-45-060621

21F0130-55 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 15:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:27

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-55 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	335	ug/L	
Calcium	7440-70-2	1	11.1	50.0	8040	ug/L	
Iron	7439-89-6	1	18.2	36.0	1210	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.113	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	1070	ug/L	
Manganese	7439-96-5	1	0.142	0.500	55.6	ug/L	
Potassium	7440-09-7	1	10.9	20.0	593	ug/L	
Sodium	7440-23-5	1	16.4	100	854	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-45-060621

21F0130-55 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 15:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:19

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-55 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.133	ug/L	
Copper	7440-50-8	1	0.173	0.500	5.13	ug/L	
Zinc	7440-66-6	1	2.92	6.00	23.4	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-45-060621

21F0130-55 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 15:40

Instrument: IC930 Analyst: CDE — Analyzed: 06/08/2021 18:41

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-55 A

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.128	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-45-060621

21F0130-55 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 15:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-55 B

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	5.51	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	5.51	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-45-060621

21F0130-55 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 15:40

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/25/2021 03:55

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-55 C

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-45-060621

21F0130-55RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 15:40

Instrument: IC930 Analyst: CDE — Analyzed: 06/10/2021 10:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-55RE1 A

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	4	0.400	0.400	14.0	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-30-060621

21F0130-56 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 14:40

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 15:44

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-56

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	25.9	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-30-060621

21F0130-56 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 14:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 15:44

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-56 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	358	ug/L	
Calcium	7440-70-2	1	11.1	50.0	8560	ug/L	
Iron	7439-89-6	1	18.2	36.0	1230	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0890	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	1110	ug/L	
Manganese	7439-96-5	1	0.142	0.500	75.0	ug/L	
Potassium	7440-09-7	1	10.9	20.0	580	ug/L	
Sodium	7440-23-5	1	16.4	100	841	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-30-060621

21F0130-56 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 14:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:23

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-56 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.254	ug/L	
Copper	7440-50-8	1	0.173	0.500	6.57	ug/L	
Zinc	7440-66-6	1	2.92	6.00	34.4	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-30-060621

21F0130-56 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 14:40

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 22:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-56 A

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.129	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-30-060621

21F0130-56 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 14:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-56 B

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	4.59	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	4.59	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-30-060621

21F0130-56 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 14:40

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/25/2021 04:17

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-56 C

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-30-060621

21F0130-56RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 14:40

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 00:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-56RE1 A

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	4	0.400	0.400	17.7	mg/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-48-060621

21F0130-57 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 13:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 21:32

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-57

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	19.9	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-48-060621

21F0130-57 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 13:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 21:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-57 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	14.5	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	6680	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	792	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.294	ug/L	J
Potassium	7440-09-7	1	10.9	20.0	735	ug/L	
Sodium	7440-23-5	1	16.4	100	942	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-48-060621

21F0130-57 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 13:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:28

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-57 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.899	ug/L	
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-48-060621

21F0130-57 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 13:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 23:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-57 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	5.71	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-48-060621

21F0130-57 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 13:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-57 A

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	14.3	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	14.3	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-48-060621

21F0130-57 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 13:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/25/2021 04:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-57 C

Preparation Batch: BJF0695 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.62	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-48-060621

21F0130-57RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 13:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 04:06

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-57RE1 D 02

Preparation Batch: BJG0240 — Sample Size: 100 mL

Prepared: 07/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0160	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-49-060621

21F0130-58 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 13:50

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 22:15

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-58

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	18.9	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-49-060621

21F0130-58 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 13:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:15

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-58 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	13.3	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	6340	ug/L	
Iron	7439-89-6	1	18.2	36.0	46.5	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	735	ug/L	
Manganese	7439-96-5	1	0.142	0.500	2.91	ug/L	
Potassium	7440-09-7	1	10.9	20.0	749	ug/L	
Sodium	7440-23-5	1	16.4	100	950	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-49-060621

21F0130-58 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 13:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-58 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.767	ug/L	
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-49-060621

21F0130-58 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 13:50

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 17:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-58 B

Preparation Batch: BJF0206 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.135	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	5.11	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-49-060621

21F0130-58 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 13:50

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-58 A

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	13.8	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	13.8	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-49-060621

21F0130-58 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 13:50

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/25/2021 07:51

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-58 C

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.92	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-49-060621

21F0130-58RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 13:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 04:10

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0130-58RE1 D 02

Preparation Batch: BJG0240 — Sample Size: 100 mL

Prepared: 07/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0226	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-149-060621

21F0130-59 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 14:00

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 22:20

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0130-59

Preparation Batch: [CALC]

Prepared: 06/23/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	19.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-149-060621

21F0130-59 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 14:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:20

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-59 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	11.2	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	6460	ug/L	
Iron	7439-89-6	1	18.2	36.0	31.7	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	760	ug/L	
Manganese	7439-96-5	1	0.142	0.500	1.43	ug/L	
Potassium	7440-09-7	1	10.9	20.0	767	ug/L	
Sodium	7440-23-5	1	16.4	100	964	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-149-060621

21F0130-59 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 14:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/09/2021 07:38

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-59 D 01

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.708	ug/L	
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-149-060621

21F0130-59 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 14:00

Instrument: IC930 Analyst: CDE — Analyzed: 06/09/2021 23:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-59 B

Preparation Batch: BJF0201 — Sample Size: 10 mL

Prepared: 06/08/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.147	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	5.26	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-149-060621

21F0130-59 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 14:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-59 A

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	14.0	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	14.0	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-149-060621

21F0130-59 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 14:00

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/25/2021 08:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0130-59 C

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.87	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

SP-149-060621

21F0130-59RE2 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 14:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 19:06

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0130-59RE2 D 02

Preparation Batch: BJF0615 — Sample Size: 25 mL

Prepared: 06/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	2	0.0600	0.200	0.108	ug/L	J, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0615 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0615-BLK1)					Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 00:32							
Lead	208	ND	0.0513	0.100	ug/L							U
Manganese	55	ND	0.142	0.500	ug/L							U
Cadmium	111	ND	0.0300	0.100	ug/L							U
Cadmium	114	ND	0.0400	0.100	ug/L							U
Copper	63	ND	0.173	0.500	ug/L							U
Copper	65	ND	0.350	0.500	ug/L							U
Zinc	66	ND	2.92	6.00	ug/L							U
Zinc	67	ND	0.940	6.00	ug/L							U
Blank (BJF0615-BLK2)					Prepared: 23-Jun-2021 Analyzed: 13-Jul-2021 20:42							
Aluminum	27	ND	2.92	20.0	ug/L							U
Calcium	44	ND	11.1	50.0	ug/L							U
Iron	54	ND	18.2	36.0	ug/L							U
Iron	57	11.5	6.63	36.0	ug/L							J
Magnesium	24	ND	2.22	20.0	ug/L							U
Potassium	39	ND	10.9	20.0	ug/L							U
Sodium	23	ND	16.4	100	ug/L							U
LCS (BJF0615-BS1)					Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 00:36							
Lead	208	24.7	0.0513	0.100	ug/L	25.0		98.8	80-120			
Manganese	55	26.9	0.142	0.500	ug/L	25.0		107	80-120			
Cadmium	111	26.0	0.0300	0.100	ug/L	25.0		104	80-120			
Cadmium	114	26.2	0.0400	0.100	ug/L	25.0		105	80-120			
Copper	63	25.8	0.173	0.500	ug/L	25.0		103	80-120			
Copper	65	25.9	0.350	0.500	ug/L	25.0		104	80-120			
Zinc	66	85.2	2.92	6.00	ug/L	80.0		106	80-120			
Zinc	67	80.0	0.940	6.00	ug/L	80.0		100	80-120			
LCS (BJF0615-BS2)					Prepared: 23-Jun-2021 Analyzed: 13-Jul-2021 20:46							
Aluminum	27	4850	2.92	20.0	ug/L	5000		97.0	80-120			
Calcium	44	4870	11.1	50.0	ug/L	5000		97.5	80-120			
Iron	54	4790	18.2	36.0	ug/L	5000		95.7	80-120			
Iron	57	4720	6.63	36.0	ug/L	5000		94.3	80-120			
Magnesium	24	4750	2.22	20.0	ug/L	5000		95.0	80-120			
Potassium	39	4730	10.9	20.0	ug/L	5000		94.6	80-120			
Sodium	23	4760	16.4	100	ug/L	5000		95.1	80-120			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0615 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJF0615-BS2)						Prepared: 23-Jun-2021 Analyzed: 13-Jul-2021 20:46						
Duplicate (BJF0615-DUP1)			**Source: 21F0130-28**			Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 06:27						
Lead	208	0.0640	0.0513	0.100	ug/L		ND					J
Manganese	55	2.46	0.142	0.500	ug/L		2.38			3.60	20	
Cadmium	111	0.0460	0.0300	0.100	ug/L		0.0510			10.30	20	J
Copper	63	2.60	0.173	0.500	ug/L		2.04			24.20	20	*, L
Zinc	66	6.24	2.92	6.00	ug/L		5.89			5.77	20	
Duplicate (BJF0615-DUP2)			**Source: 21F0130-28**			Prepared: 23-Jun-2021 Analyzed: 16-Jul-2021 01:51						
Aluminum	27	62.9	2.92	20.0	ug/L		62.4			0.66	20	
Calcium	44	4380	11.1	50.0	ug/L		4340			0.92	20	
Iron	54	65.1	18.2	36.0	ug/L		66.5			2.08	20	
Magnesium	24	433	2.22	20.0	ug/L		425			1.82	20	
Potassium	39	396	10.9	20.0	ug/L		395			0.13	20	
Sodium	23	603	16.4	100	ug/L		606			0.57	20	
Matrix Spike (BJF0615-MS1)			**Source: 21F0130-28**			Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 06:32						
Lead	208	24.9	0.0513	0.100	ug/L	25.0	ND	99.6	75-125			
Manganese	55	28.3	0.142	0.500	ug/L	25.0	2.38	104	75-125			
Cadmium	111	26.0	0.0300	0.100	ug/L	25.0	0.0510	104	75-125			
Copper	63	27.2	0.173	0.500	ug/L	25.0	2.04	101	75-125			
Zinc	66	86.5	2.92	6.00	ug/L	80.0	5.89	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0615-MS2)			**Source: 21F0130-28**			Prepared: 23-Jun-2021 Analyzed: 16-Jul-2021 01:55						
Aluminum	27	5100	2.92	20.0	ug/L	5000	62.4	101	75-125			
Calcium	44	9050	11.1	50.0	ug/L	5000	4340	94.2	75-125			
Iron	54	5040	18.2	36.0	ug/L	5000	66.5	99.4	75-125			
Magnesium	24	5530	2.22	20.0	ug/L	5000	425	102	75-125			
Potassium	39	5350	10.9	20.0	ug/L	5000	395	99.2	75-125			
Sodium	23	5590	16.4	100	ug/L	5000	606	99.7	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0615-MSD1)			**Source: 21F0130-28**			Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 06:37						
Lead	208	25.1	0.0513	0.100	ug/L	25.0	ND	100	75-125	0.80	20	
Manganese	55	27.5	0.142	0.500	ug/L	25.0	2.38	100	75-125	2.76	20	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0615 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BJF0615-MSD1)			**Source: 21F0130-28**			Prepared: 23-Jun-2021		Analyzed: 09-Jul-2021 06:37				
Cadmium	111	25.8	0.0300	0.100	ug/L	25.0	0.0510	103	75-125	0.90	20	
Copper	63	27.3	0.173	0.500	ug/L	25.0	2.04	101	75-125	0.39	20	
Zinc	66	85.7	2.92	6.00	ug/L	80.0	5.89	99.8	75-125	0.89	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												
Matrix Spike Dup (BJF0615-MSD2)			**Source: 21F0130-28**			Prepared: 23-Jun-2021		Analyzed: 16-Jul-2021 02:00				
Aluminum	27	5140	2.92	20.0	ug/L	5000	62.4	102	75-125	0.76	20	
Calcium	44	9310	11.1	50.0	ug/L	5000	4340	99.4	75-125	2.82	20	
Iron	54	5160	18.2	36.0	ug/L	5000	66.5	102	75-125	2.38	20	
Magnesium	24	5580	2.22	20.0	ug/L	5000	425	103	75-125	1.04	20	
Potassium	39	5330	10.9	20.0	ug/L	5000	395	98.6	75-125	0.50	20	
Sodium	23	5640	16.4	100	ug/L	5000	606	101	75-125	0.81	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0617 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0617-BLK1)					Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 00:40							
Lead	208	ND	0.0513	0.100	ug/L							U
Manganese	55	ND	0.142	0.500	ug/L							U
Cadmium	111	ND	0.0300	0.100	ug/L							U
Cadmium	114	ND	0.0400	0.100	ug/L							U
Zinc	66	ND	2.92	6.00	ug/L							U
Zinc	67	ND	0.940	6.00	ug/L							U
Blank (BJF0617-BLK2)					Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 17:19							
Iron	54	ND	18.2	36.0	ug/L							U
Iron	57	ND	6.63	36.0	ug/L							U
Copper	63	ND	0.173	0.500	ug/L							U
Copper	65	ND	0.350	0.500	ug/L							U
Blank (BJF0617-BLK3)					Prepared: 23-Jun-2021 Analyzed: 13-Jul-2021 20:51							
Aluminum	27	ND	2.92	20.0	ug/L							U
Calcium	44	ND	11.1	50.0	ug/L							U
Magnesium	24	ND	2.22	20.0	ug/L							U
Potassium	39	ND	10.9	20.0	ug/L							U
Sodium	23	ND	16.4	100	ug/L							U
LCS (BJF0617-BS1)					Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 00:45							
Lead	208	24.2	0.0513	0.100	ug/L	25.0		96.7	80-120			
Manganese	55	27.0	0.142	0.500	ug/L	25.0		108	80-120			
Cadmium	111	25.7	0.0300	0.100	ug/L	25.0		103	80-120			
Cadmium	114	26.1	0.0400	0.100	ug/L	25.0		104	80-120			
Zinc	66	83.0	2.92	6.00	ug/L	80.0		104	80-120			
Zinc	67	77.9	0.940	6.00	ug/L	80.0		97.3	80-120			
LCS (BJF0617-BS2)					Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 17:24							
Iron	54	5290	18.2	36.0	ug/L	5000		106	80-120			
Iron	57	5090	6.63	36.0	ug/L	5000		102	80-120			
Copper	63	25.8	0.173	0.500	ug/L	25.0		103	80-120			
Copper	65	26.2	0.350	0.500	ug/L	25.0		105	80-120			
LCS (BJF0617-BS3)					Prepared: 23-Jun-2021 Analyzed: 13-Jul-2021 20:55							
Aluminum	27	4910	2.92	20.0	ug/L	5000		98.3	80-120			

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0617 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJF0617-BS3)					Prepared: 23-Jun-2021 Analyzed: 13-Jul-2021 20:55							
Calcium	44	4940	11.1	50.0	ug/L	5000		98.8	80-120			
Magnesium	24	4730	2.22	20.0	ug/L	5000		94.7	80-120			
Potassium	39	4680	10.9	20.0	ug/L	5000		93.6	80-120			
Sodium	23	4760	16.4	100	ug/L	5000		95.2	80-120			
Duplicate (BJF0617-DUP1)			**Source: 21F0130-21**		Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 04:25							
Lead	208	ND	0.0513	0.100	ug/L		ND					U
Manganese	55	2.27	0.142	0.500	ug/L		2.30			1.45	20	
Cadmium	111	ND	0.0300	0.100	ug/L		ND					U
Copper	63	0.904	0.173	0.500	ug/L		0.507			56.30	20	L
Zinc	66	ND	2.92	6.00	ug/L		ND					U
Duplicate (BJF0617-DUP2)			**Source: 21F0130-21**		Prepared: 23-Jun-2021 Analyzed: 16-Jul-2021 01:16							
Aluminum	27	99.8	2.92	20.0	ug/L		102			2.36	20	
Calcium	44	3430	11.1	50.0	ug/L		3470			1.28	20	
Iron	54	116	18.2	36.0	ug/L		117			1.22	20	
Magnesium	24	471	2.22	20.0	ug/L		484			2.69	20	
Potassium	39	509	10.9	20.0	ug/L		526			3.25	20	
Sodium	23	554	16.4	100	ug/L		567			2.27	20	
Matrix Spike (BJF0617-MS1)			**Source: 21F0130-21**		Prepared: 23-Jun-2021 Analyzed: 09-Jul-2021 04:30							
Lead	208	24.5	0.0513	0.100	ug/L	25.0	ND	98.2	75-125			
Manganese	55	27.5	0.142	0.500	ug/L	25.0	2.30	101	75-125			
Cadmium	111	25.1	0.0300	0.100	ug/L	25.0	ND	100	75-125			
Copper	63	24.8	0.173	0.500	ug/L	25.0	0.507	97.0	75-125			
Zinc	66	77.1	2.92	6.00	ug/L	80.0	ND	96.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0617-MS2)			**Source: 21F0130-21**		Prepared: 23-Jun-2021 Analyzed: 16-Jul-2021 01:20							
Aluminum	27	5030	2.92	20.0	ug/L	5000	102	98.6	75-125			
Calcium	44	8090	11.1	50.0	ug/L	5000	3470	92.3	75-125			
Iron	54	4980	18.2	36.0	ug/L	5000	117	97.2	75-125			
Magnesium	24	5470	2.22	20.0	ug/L	5000	484	99.7	75-125			
Potassium	39	5300	10.9	20.0	ug/L	5000	526	95.5	75-125			
Sodium	23	5410	16.4	100	ug/L	5000	567	97.0	75-125			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0617 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												
Matrix Spike Dup (BJF0617-MSD1)		**Source: 21F0130-21**				Prepared: 23-Jun-2021		Analyzed: 09-Jul-2021 04:36				
Lead	208	25.7	0.0513	0.100	ug/L	25.0	ND	103	75-125	4.44	20	
Manganese	55	27.9	0.142	0.500	ug/L	25.0	2.30	103	75-125	1.75	20	
Cadmium	111	25.5	0.0300	0.100	ug/L	25.0	ND	102	75-125	1.83	20	
Copper	63	25.8	0.173	0.500	ug/L	25.0	0.507	101	75-125	4.21	20	
Zinc	66	79.3	2.92	6.00	ug/L	80.0	ND	99.2	75-125	2.80	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												
Matrix Spike Dup (BJF0617-MSD2)		**Source: 21F0130-21**				Prepared: 23-Jun-2021		Analyzed: 16-Jul-2021 01:25				
Aluminum	27	5240	2.92	20.0	ug/L	5000	102	103	75-125	3.95	20	
Calcium	44	8530	11.1	50.0	ug/L	5000	3470	101	75-125	5.24	20	
Iron	54	5230	18.2	36.0	ug/L	5000	117	102	75-125	4.94	20	
Magnesium	24	5660	2.22	20.0	ug/L	5000	484	103	75-125	3.39	20	
Potassium	39	5500	10.9	20.0	ug/L	5000	526	99.5	75-125	3.71	20	
Sodium	23	5630	16.4	100	ug/L	5000	567	101	75-125	3.92	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0619 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0619-BLK1)					Prepared: 23-Jun-2021 Analyzed: 01-Jul-2021 16:12							
Aluminum	27	ND	2.92	20.0	ug/L							U
Iron	54	ND	18.2	36.0	ug/L							U
Iron	57	ND	6.63	36.0	ug/L							U
Lead	208	ND	0.0513	0.100	ug/L							U
Manganese	55	ND	0.142	0.500	ug/L							U
Cadmium	111	ND	0.0300	0.100	ug/L							U
Cadmium	114	ND	0.0400	0.100	ug/L							U
Copper	63	ND	0.173	0.500	ug/L							U
Copper	65	ND	0.350	0.500	ug/L							U
Zinc	66	ND	2.92	6.00	ug/L							U
Zinc	67	ND	0.940	6.00	ug/L							U
Blank (BJF0619-BLK2)					Prepared: 23-Jun-2021 Analyzed: 15-Jul-2021 22:12							
Calcium	44	ND	11.1	50.0	ug/L							U
Magnesium	24	ND	2.22	20.0	ug/L							U
Potassium	39	ND	10.9	20.0	ug/L							U
Sodium	23	ND	16.4	100	ug/L							U
LCS (BJF0619-BS1)					Prepared: 23-Jun-2021 Analyzed: 01-Jul-2021 16:16							
Aluminum	27	4980	2.92	20.0	ug/L	5000		99.7	80-120			
Iron	54	5090	18.2	36.0	ug/L	5000		102	80-120			
Iron	57	5070	6.63	36.0	ug/L	5000		101	80-120			
Lead	208	25.5	0.0513	0.100	ug/L	25.0		102	80-120			
Manganese	55	25.7	0.142	0.500	ug/L	25.0		103	80-120			
Cadmium	111	26.3	0.0300	0.100	ug/L	25.0		105	80-120			
Cadmium	114	26.2	0.0400	0.100	ug/L	25.0		105	80-120			
Copper	63	25.3	0.173	0.500	ug/L	25.0		101	80-120			
Copper	65	25.1	0.350	0.500	ug/L	25.0		100	80-120			
Zinc	66	81.6	2.92	6.00	ug/L	80.0		102	80-120			
Zinc	67	78.8	0.940	6.00	ug/L	80.0		98.5	80-120			
LCS (BJF0619-BS2)					Prepared: 23-Jun-2021 Analyzed: 15-Jul-2021 22:15							
Calcium	44	5210	11.1	50.0	ug/L	5000		104	80-120			
Magnesium	24	5350	2.22	20.0	ug/L	5000		107	80-120			
Potassium	39	5000	10.9	20.0	ug/L	5000		100	80-120			
Sodium	23	5190	16.4	100	ug/L	5000		104	80-120			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0619 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJF0619-BS2)						Prepared: 23-Jun-2021 Analyzed: 15-Jul-2021 22:15						
Duplicate (BJF0619-DUP1)			**Source: 21F0130-17**			Prepared: 23-Jun-2021 Analyzed: 03-Jul-2021 06:50						
Iron	54	34.2	18.2	36.0	ug/L		ND					J
Lead	208	ND	0.0513	0.100	ug/L		ND					U
Cadmium	111	0.710	0.0300	0.100	ug/L		0.772			8.37	20	
Copper	63	4.62	0.173	0.500	ug/L		4.97			7.36	20	
Duplicate (BJF0619-DUP2)			**Source: 21F0130-17**			Prepared: 23-Jun-2021 Analyzed: 16-Jul-2021 02:10						
Aluminum	27	243	2.92	20.0	ug/L		266			9.30	20	
Calcium	44	17400	11.1	50.0	ug/L		19000			9.06	20	
Magnesium	24	2180	2.22	20.0	ug/L		2370			8.50	20	
Manganese	55	28.4	0.142	0.500	ug/L		30.9			8.36	20	
Potassium	39	3100	10.9	20.0	ug/L		3460			10.90	20	
Sodium	23	2050	16.4	100	ug/L		2260			9.86	20	
Zinc	66	79.3	2.92	6.00	ug/L		84.1			5.94	20	
Matrix Spike (BJF0619-MS1)			**Source: 21F0130-17**			Prepared: 23-Jun-2021 Analyzed: 03-Jul-2021 06:55						
Iron	54	4150	18.2	36.0	ug/L	5000	ND	83.0	75-125			
Lead	208	27.1	0.0513	0.100	ug/L	25.0	ND	109	75-125			
Cadmium	111	25.0	0.0300	0.100	ug/L	25.0	0.772	96.8	75-125			
Copper	63	28.3	0.173	0.500	ug/L	25.0	4.97	93.3	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0619-MS2)			**Source: 21F0130-17**			Prepared: 23-Jun-2021 Analyzed: 16-Jul-2021 02:13						
Aluminum	27	5000	2.92	20.0	ug/L	5000	266	94.7	75-125			
Calcium	44	22400	11.1	50.0	ug/L	5000	19000	67.4	75-125			*
Magnesium	24	7130	2.22	20.0	ug/L	5000	2370	95.2	75-125			
Manganese	55	49.5	0.142	0.500	ug/L	25.0	30.9	74.5	75-125			*
Potassium	39	7550	10.9	20.0	ug/L	5000	3460	81.8	75-125			
Sodium	23	6660	16.4	100	ug/L	5000	2260	87.9	75-125			
Zinc	66	155	2.92	6.00	ug/L	80.0	84.1	88.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0619-MSD1)			**Source: 21F0130-17**			Prepared: 23-Jun-2021 Analyzed: 03-Jul-2021 07:01						
Iron	54	4290	18.2	36.0	ug/L	5000	ND	85.8	75-125	3.26	20	
Lead	208	26.7	0.0513	0.100	ug/L	25.0	ND	107	75-125	1.61	20	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJF0619 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BJF0619-MSD1)			**Source: 21F0130-17**			Prepared: 23-Jun-2021		Analyzed: 03-Jul-2021 07:01				
Cadmium	111	25.0	0.0300	0.100	ug/L	25.0	0.772	96.9	75-125	0.07	20	
Copper	63	28.9	0.173	0.500	ug/L	25.0	4.97	95.6	75-125	2.01	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0619-MSD2)			**Source: 21F0130-17**			Prepared: 23-Jun-2021		Analyzed: 16-Jul-2021 02:18				
Aluminum	27	4960	2.92	20.0	ug/L	5000	266	93.9	75-125	0.80	20	
Calcium	44	23000	11.1	50.0	ug/L	5000	19000	79.9	75-125	2.76	20	
Magnesium	24	7160	2.22	20.0	ug/L	5000	2370	95.9	75-125	0.44	20	
Manganese	55	50.0	0.142	0.500	ug/L	25.0	30.9	76.6	75-125	1.06	20	
Potassium	39	7700	10.9	20.0	ug/L	5000	3460	84.8	75-125	2.00	20	
Sodium	23	6740	16.4	100	ug/L	5000	2260	89.5	75-125	1.25	20	
Zinc	66	156	2.92	6.00	ug/L	80.0	84.1	90.2	75-125	0.92	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJG0208 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJG0208-BLK1)						Prepared: 09-Jul-2021 Analyzed: 13-Jul-2021 09:03						
Cadmium	111	ND	0.0300	0.100	ug/L							U
Cadmium	114	ND	0.0400	0.100	ug/L							U
LCS (BJG0208-BS1)						Prepared: 09-Jul-2021 Analyzed: 13-Jul-2021 09:07						
Cadmium	111	24.0	0.0300	0.100	ug/L	25.0		95.9	80-120			
Cadmium	114	24.2	0.0400	0.100	ug/L	25.0		96.9	80-120			
LCS Dup (BJG0208-BSD1)						Prepared: 09-Jul-2021 Analyzed: 13-Jul-2021 09:11						
Cadmium	111	24.6	0.0300	0.100	ug/L	25.0		98.2	80-120	2.38	20	
Cadmium	114	24.5	0.0400	0.100	ug/L	25.0		98.1	80-120	1.15	20	
Duplicate (BJG0208-DUP1)			**Source: 21F0130-01RE1**			Prepared: 09-Jul-2021 Analyzed: 13-Jul-2021 10:25						
Cadmium	111	0.213	0.0300	0.100	ug/L		0.248			15.20	20	
Matrix Spike (BJG0208-MS1)			**Source: 21F0130-01RE1**			Prepared: 09-Jul-2021 Analyzed: 13-Jul-2021 10:30						
Cadmium	111	23.0	0.0300	0.100	ug/L	25.0	0.248	91.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJG0240 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJG0240-BLK1)						Prepared: 13-Jul-2021 Analyzed: 21-Jul-2021 00:34						
Cadmium	111	ND	0.00600	0.0200	ug/L							U
Cadmium	114	ND	0.00800	0.0200	ug/L							U
LCS (BJG0240-BS1)						Prepared: 13-Jul-2021 Analyzed: 21-Jul-2021 00:37						
Cadmium	111	5.21	0.00600	0.0200	ug/L	5.00		104	80-120			
Cadmium	114	5.25	0.00800	0.0200	ug/L	5.00		105	80-120			
LCS Dup (BJG0240-BSD1)						Prepared: 13-Jul-2021 Analyzed: 21-Jul-2021 00:41						
Cadmium	111	5.20	0.00600	0.0200	ug/L	5.00		104	80-120	0.06	20	
Cadmium	114	5.15	0.00800	0.0200	ug/L	5.00		103	80-120	1.98	20	
Duplicate (BJG0240-DUP1)			**Source: 21F0130-28RE1**			Prepared: 13-Jul-2021 Analyzed: 21-Jul-2021 03:36						
Cadmium	111	0.0414	0.00600	0.0200	ug/L		0.0418			0.96	20	
Matrix Spike (BJG0240-MS1)			**Source: 21F0130-28RE1**			Prepared: 13-Jul-2021 Analyzed: 21-Jul-2021 03:41						
Cadmium	111	5.07	0.00600	0.0200	ug/L	5.00	0.0418	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJG0294 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJG0294-BLK1)					Prepared: 14-Jul-2021 Analyzed: 21-Jul-2021 01:26							
Cadmium	111	ND	0.00600	0.0200	ug/L							U
Cadmium	114	ND	0.00800	0.0200	ug/L							U
LCS (BJG0294-BS1)					Prepared: 14-Jul-2021 Analyzed: 21-Jul-2021 16:19							
Cadmium	111	5.00	0.00600	0.0200	ug/L	5.00		100	80-120			
Cadmium	114	5.07	0.00800	0.0200	ug/L	5.00		101	80-120			
LCS Dup (BJG0294-BSD1)					Prepared: 14-Jul-2021 Analyzed: 21-Jul-2021 01:33							
Cadmium	111	5.25	0.00600	0.0200	ug/L	5.00		105	80-120	4.73	20	
Cadmium	114	5.31	0.00800	0.0200	ug/L	5.00		106	80-120	4.64	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds - Quality Control

Batch BJG0561 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJG0561-BLK1)					Prepared: 23-Jul-2021 Analyzed: 26-Jul-2021 15:00							
Cadmium	111	ND	0.00600	0.0200	ug/L							U
Cadmium	114	ND	0.00800	0.0200	ug/L							U
LCS (BJG0561-BS1)					Prepared: 23-Jul-2021 Analyzed: 26-Jul-2021 15:03							
Cadmium	111	4.81	0.00600	0.0200	ug/L	5.00		96.3	80-120			
Cadmium	114	4.85	0.00800	0.0200	ug/L	5.00		97.1	80-120			
LCS Dup (BJG0561-BSD1)					Prepared: 23-Jul-2021 Analyzed: 26-Jul-2021 15:06							
Cadmium	111	4.97	0.00600	0.0200	ug/L	5.00		99.5	80-120	3.28	20	
Cadmium	114	4.97	0.00800	0.0200	ug/L	5.00		99.4	80-120	2.35	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJF0520 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0520-BLK1)					Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 23:04							
Aluminum, Dissolved	27	ND	2.92	20.0	ug/L							U
Iron, Dissolved	54	ND	18.2	36.0	ug/L							U
Iron, Dissolved	57	ND	6.63	20.0	ug/L							U
Lead, Dissolved	208	ND	0.0513	0.100	ug/L							U
Manganese, Dissolved	55	ND	0.142	0.500	ug/L							U
Cadmium, Dissolved	111	ND	0.0300	0.100	ug/L							U
Cadmium, Dissolved	114	ND	0.0400	0.100	ug/L							U
Copper, Dissolved	63	ND	0.173	0.500	ug/L							U
Copper, Dissolved	65	ND	0.350	0.500	ug/L							U
Zinc, Dissolved	66	ND	2.92	6.00	ug/L							U
Zinc, Dissolved	67	ND	0.940	6.00	ug/L							U
Blank (BJF0520-BLK2)					Prepared: 18-Jun-2021 Analyzed: 28-Jun-2021 16:37							
Calcium, Dissolved	44	ND	11.1	50.0	ug/L							U
Magnesium, Dissolved	24	ND	2.22	20.0	ug/L							U
Potassium, Dissolved	39	ND	10.9	20.0	ug/L							U
Sodium, Dissolved	23	ND	16.4	100	ug/L							U
LCS (BJF0520-BS1)					Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 23:09							
Aluminum, Dissolved	27	4900	2.92	20.0	ug/L	5000		98.0	80-120			
Iron, Dissolved	54	5000	18.2	36.0	ug/L	5000		100	80-120			
Iron, Dissolved	57	4940	6.63	20.0	ug/L	5000		98.8	80-120			
Lead, Dissolved	208	24.8	0.0513	0.100	ug/L	25.0		99.3	80-120			
Manganese, Dissolved	55	25.3	0.142	0.500	ug/L	25.0		101	80-120			
Cadmium, Dissolved	111	26.0	0.0300	0.100	ug/L	25.0		104	80-120			
Cadmium, Dissolved	114	26.0	0.0400	0.100	ug/L	25.0		104	80-120			
Copper, Dissolved	63	24.9	0.173	0.500	ug/L	25.0		99.5	80-120			
Copper, Dissolved	65	25.0	0.350	0.500	ug/L	25.0		100	80-120			
Zinc, Dissolved	66	83.0	2.92	6.00	ug/L	80.0		104	80-120			
Zinc, Dissolved	67	77.0	0.940	6.00	ug/L	80.0		96.3	80-120			
LCS (BJF0520-BS2)					Prepared: 18-Jun-2021 Analyzed: 28-Jun-2021 16:42							
Calcium, Dissolved	44	5140	11.1	50.0	ug/L	5000		103	80-120			
Magnesium, Dissolved	24	4880	2.22	20.0	ug/L	5000		97.5	80-120			
Potassium, Dissolved	39	4850	10.9	20.0	ug/L	5000		97.0	80-120			
Sodium, Dissolved	23	4770	16.4	100	ug/L	5000		95.4	80-120			

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJF0520 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJF0520-BS2)						Prepared: 18-Jun-2021 Analyzed: 28-Jun-2021 16:42						
Duplicate (BJF0520-DUP2)			**Source: 21F0130-05**			Prepared: 18-Jun-2021 Analyzed: 25-Jun-2021 00:31						
Aluminum, Dissolved	27	493	2.92	20.0	ug/L		514			4.20	20	
Lead, Dissolved	208	ND	0.0513	0.100	ug/L		ND					U
Cadmium, Dissolved	111	0.823	0.0300	0.100	ug/L		0.860			4.40	20	
Copper, Dissolved	63	5.65	0.173	0.500	ug/L		5.79			2.46	20	
Zinc, Dissolved	67	74.6	0.940	6.00	ug/L		75.0			0.60	20	
Duplicate (BJF0520-DUP4)			**Source: 21F0130-05**			Prepared: 18-Jun-2021 Analyzed: 28-Jun-2021 22:05						
Calcium, Dissolved	44	13000	55.5	250	ug/L		13400			2.94	20	D
Manganese, Dissolved	55	487	0.710	2.50	ug/L		493			1.18	20	D
Potassium, Dissolved	39	1370	54.5	100	ug/L		1370			0.49	20	D
Duplicate (BJF0520-DUP6)			**Source: 21F0130-05**			Prepared: 18-Jun-2021 Analyzed: 15-Jul-2021 23:57						
Iron, Dissolved	54	84.9	36.4	72.0	ug/L		87.6			3.19	20	D
Magnesium, Dissolved	24	1970	4.44	40.0	ug/L		1980			0.72	20	D
Sodium, Dissolved	23	1230	32.8	200	ug/L		1250			1.85	20	D
Matrix Spike (BJF0520-MS2)			**Source: 21F0130-05**			Prepared: 18-Jun-2021 Analyzed: 25-Jun-2021 00:37						
Aluminum, Dissolved	27	5050	2.92	20.0	ug/L	5000	514	90.6	75-125			
Lead, Dissolved	208	22.4	0.0513	0.100	ug/L	25.0	ND	89.7	75-125			
Cadmium, Dissolved	111	26.0	0.0300	0.100	ug/L	25.0	0.860	101	75-125			
Copper, Dissolved	63	29.9	0.173	0.500	ug/L	25.0	5.79	96.3	75-125			
Zinc, Dissolved	67	146	0.940	6.00	ug/L	80.0	75.0	88.6	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0520-MS4)			**Source: 21F0130-05**			Prepared: 18-Jun-2021 Analyzed: 28-Jun-2021 22:10						
Calcium, Dissolved	44	18000	55.5	250	ug/L	5000	13400	93.3	75-125			D
Manganese, Dissolved	55	503	0.710	2.50	ug/L	25.0	493	38.3	75-125			HC, D
Potassium, Dissolved	39	6440	54.5	100	ug/L	5000	1370	101	75-125			D

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0520-MS6)			**Source: 21F0130-05**			Prepared: 18-Jun-2021 Analyzed: 16-Jul-2021 00:00						
Iron, Dissolved	54	5080	36.4	72.0	ug/L	5000	87.6	99.8	75-125			D
Magnesium, Dissolved	24	7040	4.44	40.0	ug/L	5000	1980	101	75-125			D
Sodium, Dissolved	23	6220	32.8	200	ug/L	5000	1250	99.3	75-125			D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJF0520 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike (BJF0520-MS6)			**Source: 21F0130-05**			Prepared: 18-Jun-2021	Analyzed: 16-Jul-2021 00:00					
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												
Matrix Spike Dup (BJF0520-MSD2)			**Source: 21F0130-05**			Prepared: 18-Jun-2021	Analyzed: 25-Jun-2021 00:43					
Aluminum, Dissolved	27	4920	2.92	20.0	ug/L	5000	514	88.1	75-125	2.54	20	
Lead, Dissolved	208	21.9	0.0513	0.100	ug/L	25.0	ND	87.4	75-125	2.55	20	
Cadmium, Dissolved	111	25.8	0.0300	0.100	ug/L	25.0	0.860	99.6	75-125	0.93	20	
Copper, Dissolved	63	29.8	0.173	0.500	ug/L	25.0	5.79	96.0	75-125	0.31	20	
Zinc, Dissolved	67	145	0.940	6.00	ug/L	80.0	75.0	87.7	75-125	0.47	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												
Matrix Spike Dup (BJF0520-MSD4)			**Source: 21F0130-05**			Prepared: 18-Jun-2021	Analyzed: 28-Jun-2021 22:16					
Calcium, Dissolved	44	18000	55.5	250	ug/L	5000	13400	92.9	75-125	0.12	20	D
Manganese, Dissolved	55	511	0.710	2.50	ug/L	25.0	493	72.1	75-125	1.67	20	HC, D
Potassium, Dissolved	39	6380	54.5	100	ug/L	5000	1370	100	75-125	0.88	20	D
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												
Matrix Spike Dup (BJF0520-MSD6)			**Source: 21F0130-05**			Prepared: 18-Jun-2021	Analyzed: 16-Jul-2021 00:05					
Iron, Dissolved	54	5130	36.4	72.0	ug/L	5000	87.6	101	75-125	0.95	20	D
Magnesium, Dissolved	24	7260	4.44	40.0	ug/L	5000	1980	106	75-125	3.10	20	D
Sodium, Dissolved	23	6210	32.8	200	ug/L	5000	1250	99.3	75-125	0.04	20	D
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden
Seattle WA, 98101-2341	Project Manager:	Amanda McKay

Reported:
26-Jul-2021 17:37

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJF0795 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0795-BLK1)					Prepared: 30-Jun-2021 Analyzed: 01-Jul-2021 22:52							
Cadmium, Dissolved	111	ND	0.00600	0.0200	ug/L							U
Cadmium, Dissolved	114	ND	0.00800	0.0200	ug/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0201 - No Prep Wet Chem

Instrument: IC930 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0201-BLK1)				Prepared: 08-Jun-2021 Analyzed: 08-Jun-2021 22:00							
Chloride	ND	0.100	0.100	mg/L							U
Nitrate-N	ND	0.100	0.100	mg/L							U
Sulfate	ND	0.100	0.100	mg/L							U
LCS (BJF0201-BS1)				Prepared: 08-Jun-2021 Analyzed: 08-Jun-2021 22:20							
Chloride	4.70	0.100	0.100	mg/L	5.00		94.0	90-110			
Nitrate-N	4.75	0.100	0.100	mg/L	5.00		95.1	90-110			
Sulfate	4.74	0.100	0.100	mg/L	5.00		94.9	90-110			
Duplicate (BJF0201-DUP1)		**Source: 21F0130-28**		Prepared: 08-Jun-2021 Analyzed: 09-Jun-2021 17:21							
Chloride	0.113	0.100	0.100	mg/L		0.112			0.89	20	
Nitrate-N	ND	0.100	0.100	mg/L		ND					H, U
Sulfate	4.47	0.100	0.100	mg/L		4.42			1.10	20	
Matrix Spike (BJF0201-MS1)		**Source: 21F0130-28**		Prepared: 08-Jun-2021 Analyzed: 09-Jun-2021 17:41							
Chloride	1.77	0.100	0.100	mg/L	2.00	0.112	82.9	75-125			
Nitrate-N	1.83	0.100	0.100	mg/L	2.00	ND	91.3	75-125			H
Sulfate	6.32	0.100	0.100	mg/L	2.00	4.42	94.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0201-MSD1)		**Source: 21F0130-28**		Prepared: 08-Jun-2021 Analyzed: 09-Jun-2021 18:01							
Chloride	1.81	0.100	0.100	mg/L	2.00	0.112	84.8	75-125	2.07	20	
Nitrate-N	1.88	0.100	0.100	mg/L	2.00	ND	93.8	75-125	2.65	20	H
Sulfate	6.37	0.100	0.100	mg/L	2.00	4.42	97.6	75-125	0.85	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0205 - No Prep Wet Chem

Instrument: IC930 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0205-BLK1)				Prepared: 08-Jun-2021 Analyzed: 10-Jun-2021 00:00							
Chloride	ND	0.100	0.100	mg/L							U
Nitrate-N	ND	0.100	0.100	mg/L							U
Sulfate	ND	0.100	0.100	mg/L							U
LCS (BJF0205-BS1)				Prepared: 08-Jun-2021 Analyzed: 10-Jun-2021 01:00							
Chloride	4.68	0.100	0.100	mg/L	5.00		93.6	90-110			
Nitrate-N	4.74	0.100	0.100	mg/L	5.00		94.8	90-110			
Sulfate	4.72	0.100	0.100	mg/L	5.00		94.3	90-110			
Duplicate (BJF0205-DUP1)		**Source: 21F0130-17**		Prepared: 08-Jun-2021 Analyzed: 10-Jun-2021 07:00							
Chloride	0.149	0.100	0.100	mg/L		0.149			0.00		
Nitrate-N	ND	0.100	0.100	mg/L		ND					H, U
Sulfate	63.2	0.100	0.100	mg/L		62.9			0.55	20	E
Duplicate (BJF0205-DUP2)		**Source: 21F0130-17RE1**		Prepared: 08-Jun-2021 Analyzed: 11-Jun-2021 03:07							
Sulfate	46.5	1.20	1.20	mg/L		46.9			0.91	20	D
Matrix Spike (BJF0205-MS1)		**Source: 21F0130-17**		Prepared: 08-Jun-2021 Analyzed: 10-Jun-2021 07:20							
Chloride	1.80	0.100	0.100	mg/L	2.00	0.149	82.3	75-125			
Nitrate-N	1.81	0.100	0.100	mg/L	2.00	ND	90.3	75-125			H

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0205-MS3)		**Source: 21F0130-17RE1**		Prepared: 08-Jun-2021 Analyzed: 01-Jul-2021 22:46							
Sulfate	126	5.00	5.00	mg/L	100	46.9	79.3	75-125			D

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0205-MSD1)		**Source: 21F0130-17**		Prepared: 08-Jun-2021 Analyzed: 10-Jun-2021 07:39							
Chloride	1.84	0.100	0.100	mg/L	2.00	0.149	84.3	75-125	2.26	20	
Nitrate-N	1.85	0.100	0.100	mg/L	2.00	ND	92.5	75-125	2.35	20	H

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0205-MSD3)		**Source: 21F0130-17RE1**		Prepared: 08-Jun-2021 Analyzed: 01-Jul-2021 23:05							
Sulfate	127	5.00	5.00	mg/L	100	46.9	80.3	75-125	0.73	20	D

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0206 - No Prep Wet Chem

Instrument: IC930 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0206-BLK1)				Prepared: 08-Jun-2021 Analyzed: 10-Jun-2021 01:40							
Chloride	ND	0.100	0.100	mg/L							U
Nitrate-N	ND	0.100	0.100	mg/L							U
Sulfate	ND	0.100	0.100	mg/L							U
LCS (BJF0206-BS1)				Prepared: 08-Jun-2021 Analyzed: 10-Jun-2021 02:00							
Chloride	4.67	0.100	0.100	mg/L	5.00		93.5	90-110			
Nitrate-N	4.74	0.100	0.100	mg/L	5.00		94.7	90-110			
Sulfate	4.73	0.100	0.100	mg/L	5.00		94.6	90-110			
Duplicate (BJF0206-DUP1)		**Source: 21F0130-21**		Prepared: 08-Jun-2021 Analyzed: 11-Jun-2021 16:18							
Chloride	ND	0.100	0.100	mg/L		ND					U
Nitrate-N	0.127	0.100	0.100	mg/L		0.127			0.00		H
Sulfate	2.25	0.100	0.100	mg/L		2.25			0.13	20	
Matrix Spike (BJF0206-MS1)		**Source: 21F0130-21**		Prepared: 08-Jun-2021 Analyzed: 11-Jun-2021 16:38							
Chloride	1.69	0.100	0.100	mg/L	2.00	ND	84.6	75-125			
Nitrate-N	1.89	0.100	0.100	mg/L	2.00	0.127	88.4	75-125			H
Sulfate	4.01	0.100	0.100	mg/L	2.00	2.25	88.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0206-MSD1)		**Source: 21F0130-21**		Prepared: 08-Jun-2021 Analyzed: 11-Jun-2021 16:58							
Chloride	1.72	0.100	0.100	mg/L	2.00	ND	85.9	75-125	1.52	20	
Nitrate-N	1.92	0.100	0.100	mg/L	2.00	0.127	89.9	75-125	1.57	20	H
Sulfate	4.03	0.100	0.100	mg/L	2.00	2.25	89.0	75-125	0.47	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0221 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0221-BLK1)					Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 15:41						
Total Organic Carbon	ND	0.50	0.50	mg/L							U
LCS (BJF0221-BS1)					Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 16:06						
Total Organic Carbon	19.18	0.50	0.50	mg/L	20.00		95.9	90-110			
Duplicate (BJF0221-DUP1)		**Source: 21F0130-17**			Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 16:53						
Total Organic Carbon	ND	0.50	0.50	mg/L		ND					U
Matrix Spike (BJF0221-MS1)		**Source: 21F0130-17**			Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 17:15						
Total Organic Carbon	19.11	0.50	0.50	mg/L	20.04	ND	95.4	75-125			
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0221-MSD1)		**Source: 21F0130-17**			Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 17:33						
Total Organic Carbon	19.06	0.50	0.50	mg/L	20.04	ND	95.1	75-125	0.26	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0223 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0223-BLK1)					Prepared: 09-Jun-2021 Analyzed: 10-Jun-2021 02:16						
Total Organic Carbon	ND	0.50	0.50	mg/L							U
LCS (BJF0223-BS1)					Prepared: 09-Jun-2021 Analyzed: 10-Jun-2021 02:34						
Total Organic Carbon	19.60	0.50	0.50	mg/L	20.00		98.0	90-110			
Duplicate (BJF0223-DUP1)		**Source: 21F0130-21**			Prepared: 09-Jun-2021 Analyzed: 10-Jun-2021 04:00						
Total Organic Carbon	ND	0.50	0.50	mg/L		0.58					U
Matrix Spike (BJF0223-MS1)		**Source: 21F0130-21**			Prepared: 09-Jun-2021 Analyzed: 10-Jun-2021 04:26						
Total Organic Carbon	19.67	0.50	0.50	mg/L	20.04	0.58	95.3	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0223-MSD1)		**Source: 21F0130-21**			Prepared: 09-Jun-2021 Analyzed: 10-Jun-2021 04:49						
Total Organic Carbon	20.47	0.50	0.50	mg/L	20.04	0.58	99.3	75-125	3.99	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0225 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0225-BLK1)				Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 14:28							
Dissolved Solids	ND	5	5	mg/L							U
LCS (BJF0225-BS1)				Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 14:28							
Dissolved Solids	478	5	5	mg/L	500		95.6	90-110			
Duplicate (BJF0225-DUP1)		**Source: 21F0130-17**		Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 14:28							
Dissolved Solids	114	5	5	mg/L		106			7.31	20	

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden
Seattle WA, 98101-2341	Project Manager:	Amanda McKay

Reported:
26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0228 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0228-BLK1)					Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 15:18						
Dissolved Solids	ND	5	5	mg/L							U
LCS (BJF0228-BS1)					Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 15:18						
Dissolved Solids	518	5	5	mg/L	500		104	90-110			
Duplicate (BJF0228-DUP1)		**Source: 21F0130-21**			Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 15:18						
Dissolved Solids	17	5	5	mg/L		19			14.10	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0236 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0236-BLK1)				Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 16:48							
Dissolved Solids	ND	5	5	mg/L							U
LCS (BJF0236-BS1)				Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 16:48							
Dissolved Solids	485	5	5	mg/L	500		97.0	90-110			
Duplicate (BJF0236-DUP1)		**Source: 21F0130-28**		Prepared: 09-Jun-2021 Analyzed: 09-Jun-2021 16:48							
Dissolved Solids	22	5	5	mg/L		19			14.60	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden
Seattle WA, 98101-2341	Project Manager:	Amanda McKay

Reported:
26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0247 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0247-BLK1)				Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 09:54							
Suspended Solids	ND	1	1	mg/L							U
LCS (BJF0247-BS1)				Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 09:54							
Suspended Solids	49	1	1	mg/L	50.00		98.0	90-110			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0262 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0262-BLK1)				Prepared: 10-Jun-2021 Analyzed: 11-Jun-2021 03:34							
Total Organic Carbon	ND	0.50	0.50	mg/L							U
LCS (BJF0262-BS1)				Prepared: 10-Jun-2021 Analyzed: 11-Jun-2021 03:52							
Total Organic Carbon	20.27	0.50	0.50	mg/L	20.00		101	90-110			

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden
Seattle WA, 98101-2341	Project Manager:	Amanda McKay

Reported:
26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0265 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0265-BLK1)				Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 14:21							
Suspended Solids	ND	1	1	mg/L							U
LCS (BJF0265-BS1)				Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 14:21							
Suspended Solids	49	1	1	mg/L	50.00		98.4	90-110			
Duplicate (BJF0265-DUP1)		**Source: 21F0130-17**		Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 14:21							
Suspended Solids	ND	1	1	mg/L		ND					U
Duplicate (BJF0265-DUP2)		**Source: 21F0130-21**		Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 14:21							
Suspended Solids	4	1	1	mg/L		4			10.30	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0269 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0269-BLK1)				Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 15:23							
Suspended Solids	ND	1	1	mg/L							U
LCS (BJF0269-BS1)				Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 15:23							
Suspended Solids	49	1	1	mg/L	50.00		97.4	90-110			
Duplicate (BJF0269-DUP1)		**Source: 21F0130-28**		Prepared: 10-Jun-2021 Analyzed: 10-Jun-2021 15:23							
Suspended Solids	ND	1	1	mg/L		ND					U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0357 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0357-BLK1)					Prepared: 14-Jun-2021 Analyzed: 14-Jun-2021 14:54						
Alkalinity, Total	ND	1.00	1.00	mg/L CaCO3							U
Reference (BJF0357-SRM1)					Prepared: 14-Jun-2021 Analyzed: 14-Jun-2021 14:54						
Alkalinity, Total	127	1.00	1.00	mg/L CaCO3	127		100	85.04-114.96			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0446 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0446-BLK1)					Prepared: 16-Jun-2021 Analyzed: 16-Jun-2021 11:01						
Alkalinity, Total	ND	1.00	1.00	mg/L CaCO3							U
Reference (BJF0446-SRM1)					Prepared: 16-Jun-2021 Analyzed: 16-Jun-2021 11:40						
Alkalinity, Total	124	1.00	1.00	mg/L CaCO3	127		97.9	85.04-114.96			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0457 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0457-BLK1)					Prepared: 16-Jun-2021 Analyzed: 16-Jun-2021 15:57						
Alkalinity, Total	ND	1.00	1.00	mg/L CaCO3							U
Duplicate (BJF0457-DUP1)			**Source: 21F0130-17**		Prepared: 16-Jun-2021 Analyzed: 16-Jun-2021 15:57						
Alkalinity, Total	9.16	1.00	1.00	mg/L CaCO3		8.65			5.71	20	
Reference (BJF0457-SRM1)					Prepared: 16-Jun-2021 Analyzed: 16-Jun-2021 15:57						
Alkalinity, Total	127	1.00	1.00	mg/L CaCO3	127		100	85.04-114.96			

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0471 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0471-BLK1)					Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 10:36						
Alkalinity, Total	ND	1.00	1.00	mg/L CaCO3							U
Duplicate (BJF0471-DUP1)		**Source: 21F0130-21**			Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 10:36						
Alkalinity, Total	7.55	1.00	1.00	mg/L CaCO3		7.14			5.56	20	
Duplicate (BJF0471-DUP2)		**Source: 21F0130-28**			Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 10:36						
Alkalinity, Total	7.55	1.00	1.00	mg/L CaCO3		7.55			0.00		
Reference (BJF0471-SRM1)					Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 10:36						
Alkalinity, Total	126	1.00	1.00	mg/L CaCO3	127		99.1	85.04-114.96			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden
Seattle WA, 98101-2341	Project Manager:	Amanda McKay

Reported:
26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0540 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0540-BLK1)				Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 18:55							
Total Organic Carbon	ND	0.50	0.50	mg/L							U
LCS (BJF0540-BS1)				Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 19:13							
Total Organic Carbon	20.40	0.50	0.50	mg/L	20.00		102	90-110			
Duplicate (BJF0540-DUP1)		**Source: 21F0130-28**		Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 19:57							
Total Organic Carbon	0.70	0.50	0.50	mg/L		0.72			2.62	20	
Matrix Spike (BJF0540-MS1)		**Source: 21F0130-28**		Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 20:16							
Total Organic Carbon	20.17	0.50	0.50	mg/L	20.04	0.72	97.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0540-MSD1)		**Source: 21F0130-28**		Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 20:34							
Total Organic Carbon	19.97	0.50	0.50	mg/L	20.04	0.72	96.1	75-125	1.00	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0558 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0558-BLK1)				Prepared: 21-Jun-2021 Analyzed: 21-Jun-2021 14:21							
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L							U
LCS (BJF0558-BS1)				Prepared: 21-Jun-2021 Analyzed: 21-Jun-2021 14:43							
Dissolved Organic Carbon, Dissolved	19.96	0.50	0.50	mg/L	20.00		99.8	90-110			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0559 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0559-BLK1)					Prepared: 21-Jun-2021	Analyzed: 22-Jun-2021 00:46					
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L							U
LCS (BJF0559-BS1)					Prepared: 21-Jun-2021	Analyzed: 22-Jun-2021 01:08					
Dissolved Organic Carbon, Dissolved	19.91	0.50	0.50	mg/L	20.00		99.6	90-110			
Duplicate (BJF0559-DUP1)		**Source: 21F0130-17**			Prepared: 21-Jun-2021	Analyzed: 22-Jun-2021 02:30					
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L		ND					U
Matrix Spike (BJF0559-MS1)		**Source: 21F0130-17**			Prepared: 21-Jun-2021	Analyzed: 22-Jun-2021 02:52					
Dissolved Organic Carbon, Dissolved	18.94	0.50	0.50	mg/L	20.04	ND	94.5	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0559-MSD1)		**Source: 21F0130-17**			Prepared: 21-Jun-2021	Analyzed: 22-Jun-2021 03:10					
Dissolved Organic Carbon, Dissolved	19.00	0.50	0.50	mg/L	20.04	ND	94.8	75-125	0.32	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0695 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0695-BLK1)					Prepared: 24-Jun-2021	Analyzed: 24-Jun-2021 19:19					
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L							U
LCS (BJF0695-BS1)					Prepared: 24-Jun-2021	Analyzed: 24-Jun-2021 19:38					
Dissolved Organic Carbon, Dissolved	20.75	0.50	0.50	mg/L	20.00		104	90-110			
Duplicate (BJF0695-DUP1)		**Source: 21F0130-21**			Prepared: 24-Jun-2021	Analyzed: 24-Jun-2021 20:28					
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L		0.51					U
Matrix Spike (BJF0695-MS1)		**Source: 21F0130-21**			Prepared: 24-Jun-2021	Analyzed: 24-Jun-2021 20:46					
Dissolved Organic Carbon, Dissolved	19.56	0.50	0.50	mg/L	20.04	0.51	95.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0695-MSD1)		**Source: 21F0130-21**			Prepared: 24-Jun-2021	Analyzed: 24-Jun-2021 21:05					
Dissolved Organic Carbon, Dissolved	19.41	0.50	0.50	mg/L	20.04	0.51	94.3	75-125	0.77	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Wet Chemistry - Quality Control

Batch BJF0697 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0697-BLK1)				Prepared: 24-Jun-2021 Analyzed: 25-Jun-2021 05:10							
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L							U
LCS (BJF0697-BS1)				Prepared: 24-Jun-2021 Analyzed: 25-Jun-2021 05:28							
Dissolved Organic Carbon, Dissolved	20.89	0.50	0.50	mg/L	20.00		104	90-110			
Duplicate (BJF0697-DUP1)		**Source: 21F0130-28**		Prepared: 24-Jun-2021 Analyzed: 25-Jun-2021 06:51							
Dissolved Organic Carbon, Dissolved	0.69	0.50	0.50	mg/L		0.71			2.34	20	
Matrix Spike (BJF0697-MS1)		**Source: 21F0130-28**		Prepared: 24-Jun-2021 Analyzed: 25-Jun-2021 07:10							
Dissolved Organic Carbon, Dissolved	20.16	0.50	0.50	mg/L	20.04	0.71	97.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0697-MSD1)		**Source: 21F0130-28**		Prepared: 24-Jun-2021 Analyzed: 25-Jun-2021 07:29							
Dissolved Organic Carbon, Dissolved	20.20	0.50	0.50	mg/L	20.04	0.71	97.3	75-125	0.20	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Certified Analyses included in this Report

Analyte	Certifications

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 17:37

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL)
H	Hold time violation - Hold time was exceeded.
HC	The natural concentration of the spiked analyte is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
Y1	Raised reporting limit due to interference
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

26 July 2021

Amanda McKay
Floyd - Snider
601 Union Street Two Union Square, Suite 600
Seattle, WA 98101-2341

RE: Rio Tinto Holden Mine Reclamation/Remediation

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21F0196	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0196	Turn-around Requested: Standard	Date: 6/6/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 1 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See COC
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
8	SG-9-PW-12-060621	6/6/21	1235	PW	6	X		X	X	X	X	X	X	
6	SG-9-PW-6-060621		1144	PW	6	X		X	X	X	X	X	X	
10	SG-9-WP-36-060621		12:01	PW	6	X		X	X	X	X	X	X	
10	DS-14-GW-060621		0901	GW	7	X	X	X	X	X	X	X	X	
10	FB-GW-060621		1730	W	2		X				X			Run low level Cd
~~SG-9-PW-060621~~			~~1111~~	~~GW~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	already submitted
10	SG-9-WP-060621		11:11	GW	6	X		X	X	X	X	X	X	
~~SG-36-060621~~			~~1140~~	~~W~~	~~1~~	~~X~~		~~X~~			~~X~~	~~X~~	~~X~~	already submitted
~~DS-14-060621~~			~~1540~~	~~W~~	~~4~~	~~X~~		~~X~~			~~X~~	~~X~~	~~X~~	
~~FB-GW-060621~~		↓	~~1300~~	~~W~~	~~11~~	~~X~~		~~X~~			~~X~~	~~X~~	~~X~~	

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
-Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na -Anions: Chloride, sulfate and nitrate -DOC and dissolved metals field filtered (FF) at 0.45 micron. -If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L -Alkalinity: report total, carbonate, bicarbonate and hydroxide.	(Signature)	(Signature)	(Signature)	(Signature)
	Printed Name: Gabriel Cisneros	Printed Name: Sarah Slaughter	Printed Name:	Printed Name:
	Company: Floyd|Snider	Company: ARI	Company:	Company:
	Date & Time: 6/11/21 1515	Date & Time: 06/11/2021 1515	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0196	Turn-around Requested: Standard	Date: 6/6/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 2 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See COF
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
	~~SP-HA-060621~~	~~6/6/21~~	~~1450~~	~~W~~	~~4~~	~~X~~		~~X~~			~~X~~	~~X~~	~~X~~	already submitted
	~~SP-HA-060621~~	↓	~~1450~~	~~W~~	~~4~~	~~X~~		~~X~~			~~X~~	~~X~~	~~X~~	already submitted
9+1	SP-50-060621	↓	1640	W	8	X		X			X	X	X	MS/MSD
5	TP2-13D-GW-060721	6/7/21	1130	GW	6	X		X	X	X	X	X	X	
4	TP3-12S-GW-060721	↓	0935	GW	6	X		X	X					
4	TP3-12D-GW-060721		0930	GW	6	X		X	X	X	X	X	X	
7	TP3-13-GW-060721		1310	GW	6	X		X	X	X	X	X	X	
1	RC-24-SW-060721		1245	SW	7	X	X	X	X	X	X	X	X	
5	SG-12R-WP-060721		1040	GW	6	X		X	X	X	X	X	X	
8	SG-13-SW-060721	↓	0850	SW	7	X	X	X	X	X	X	X	X	

Comments/Special Instructions
- Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
- Anions: Chloride, sulfate and nitrate
- DOC and dissolved metals field filtered (FF) at 0.45 micron.
- If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L.
- Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Gabriel Cisneros	Jacob Hartog		
Company:	Floyd|Snider	ARI		
Date & Time:	6/11/21 1515	06/11/2021 1515		

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0196	Turn-around Requested: Standard	Date: 6/7/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 3 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See COC
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
6+3	RC-2-SW-060721	6/7/21	0901	SW	14	X	X	X	X	X	X	X	X	MS/MSD
3	SG-7-PW-6-060721		0849	PW	6	X		X	X	X	X	X	X	
9+8	SG-7-PW-12-060721		0931	PW	12	X		X	X	X	X	X	X	MS/MSD
3	SG-7-WP-36-060721		1021	PW	6	X	P.O.	X	X	X	X	X	X	No diss. metals
2	FieldBlank-2-GW-060721		1035	W	6	X		X	X	X	X	X	X	Run low level Cd
3	SG-107-WP-36-060721		1039	PW	6	X		X	X	X	X	X	X	
1	RC-13-SW-060721		1413	SW	6	X		X	X	X	X	X	X	
4	SG-8-WP-36-060721		1319	PW	6	X		X	X	X	X	X	X	
6	SG-8-WP-060721		1247	GW	6	X		X	X	X	X	X	X	
4	SP-12-West-060721	↓	1445	W	4	X		X			X	X	X	

Comments/Special Instructions
- Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
- Anions: Chloride, sulfate and nitrate
- DOC and dissolved metals field filtered (FF) at 0.45 micron.
- If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
- Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Gabriel Cisneros	Jacob Walter		
Company:	Floyd Snider	ARI		
Date & Time:	6/11/21 1515	06/11/21 1515		

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0196	Turn-around Requested: Standard	Date: 6/7/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 4 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See COC
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
9	FieldBlank-1-SP-060721	6/7/21	15:30	W	4	X		X			X	X	X	Run low level Cd
5	SP-47-060721	6/7/21	1605	W	4	X		X			X	X	X	
2	SP-14A-060921	6/9/21	0930	W	4	X		X			X	X	X	
8	SP-42-060921	"	1105	W	4	X		X			X	X	X	
10	SP-43-060921		1010	W	4	X		X			X	X	X	
8	SP-41-060921		1240	W	4	X		X			X	X	X	
3	SP-12-East-060921		1315	W	4	X		X			X	X	X	
9	SP-33-060921		14:20	W	4	X		X			X	X	X	
10	SP-34-060921	↓	1535	W	4	X		X			X	X	X	

Comments/Special Instructions
- Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
- Anions: Chloride, sulfate and nitrate
- DOC and dissolved metals field filtered (FF) at 0.45 micron.
- If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L.
- Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Gabriel Cisneros			
Company:	Floyd Snider	ARI		
Date & Time:	6/11/21 1515	06/11/2021 1515		

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21F0196	Turn-around Requested: Standard	Date: 6/9/21	
ARI Client Company: Floyd Snider	Phone: 206-292-2078	Page: 5 of 5	
Client Contact: Amanda McKay or Pamela Osterhout		No. of Coolers: 10	Cooler Temps: See COC
Client Project Name: RT-Holden			
Client Project #: RT-Holden	Samplers: G.C., K.H., E.M., T.S., B.B., P.O., N.S., G.W., N.W.		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

	Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Total Metals Cations	Diss. Metals (FF)	Alkalinity (A2320)	TSS /TDS (SM2540D/C)	TOC (A5310B)	DOC (FF)	Anions (300.0)	Hardness (Calculate)	Notes/Comments
2	DS-3S-GW-060921	6/9/21	1450	GW	6	X		X	X	X	X	X	X	
2	DS-3D-GW-060921	"	1434	"	6	X		X	X	X	X	X	X	
8	DS-4S-GW-060921	"	1320	"	6	X		X	X	X	X	X	X	
4	DS-4I-GW-060921	"	1321	"	7	X	X	X	X	X	X	X	X	
7	DS-4D-GW-060921	"	1215	"	6	X		X	X	X	X	X	X	
7	DS-4DD-GW-060921	"	1147	"	6	X		X	X	X	X	X	X	
5	DS-5-GW-061021	6/10/21	1117	GW	6	X		X	X	X	X	X	X	

Comments/Special Instructions

-Metals by E6020A include Al, Cd, Cu, Fe, Pb, Zn, Mn, Ca, K, Mg, Na
-Anions: Chloride, sulfate and nitrate
-DOC and dissolved metals field filtered (FF) at 0.45 micron.
-If Cadmium is non-detect, run low-level analysis to PQL of 0.02 ug/L
-Alkalinity: report total, carbonate, bicarbonate and hydroxide.

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Gabriel Cisneros	Jacob Haltz		
Company:	Floyd Snider	ARI		
Date & Time:	6/10/21 1515	06/11/2021 1515		

SC

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DS-5-GW-061021	21F0196-01	Water	10-Jun-2021 11:17	11-Jun-2021 15:15
SG-9-PW-12-060621	21F0196-02	Water	06-Jun-2021 12:35	11-Jun-2021 15:15
SG-9-PW-6-060621	21F0196-03	Water	06-Jun-2021 11:44	11-Jun-2021 15:15
SG-9-WP-36-060621	21F0196-04	Water	06-Jun-2021 12:01	11-Jun-2021 15:15
DS-14-GW-060621	21F0196-05	Water	06-Jun-2021 09:01	11-Jun-2021 15:15
DS-14-GW-060621	21F0196-06	Water	06-Jun-2021 09:01	11-Jun-2021 15:15
FB-GW-060621	21F0196-07	Water	06-Jun-2021 17:30	11-Jun-2021 15:15
SG-9-WP-060621	21F0196-08	Water	06-Jun-2021 11:11	11-Jun-2021 15:15
SP-50-060621	21F0196-09	Water	06-Jun-2021 16:40	11-Jun-2021 15:15
TP2-13D-GW-060721	21F0196-10	Water	07-Jun-2021 11:30	11-Jun-2021 15:15
TP3-12S-GW-060721	21F0196-11	Water	07-Jun-2021 09:35	11-Jun-2021 15:15
TP3-12D-GW-060721	21F0196-12	Water	07-Jun-2021 09:30	11-Jun-2021 15:15
TP3-13-GW-060721	21F0196-13	Water	07-Jun-2021 13:10	11-Jun-2021 15:15
RC-24-SW-060721	21F0196-14	Water	07-Jun-2021 12:45	11-Jun-2021 15:15
RC-24-SW-060721	21F0196-15	Water	07-Jun-2021 12:45	11-Jun-2021 15:15
SG-12R-WP-060721	21F0196-16	Water	07-Jun-2021 10:40	11-Jun-2021 15:15
SG-13-SW-060721	21F0196-17	Water	07-Jun-2021 08:50	11-Jun-2021 15:15
SG-13-SW-060721	21F0196-18	Water	07-Jun-2021 08:50	11-Jun-2021 15:15
RC-2-SW-060721	21F0196-19	Water	07-Jun-2021 09:01	11-Jun-2021 15:15
RC-2-SW-060721	21F0196-20	Water	07-Jun-2021 09:01	11-Jun-2021 15:15
SG-7-PW-6-060721	21F0196-21	Water	07-Jun-2021 08:49	11-Jun-2021 15:15
SG-7-PW-12-060721	21F0196-22	Water	07-Jun-2021 09:31	11-Jun-2021 15:15
SG-7-WP-36-060721	21F0196-23	Water	07-Jun-2021 10:21	11-Jun-2021 15:15
FieldBlank-2-GW-060721	21F0196-24	Water	07-Jun-2021 10:35	11-Jun-2021 15:15
SG-107-WP-36-060721	21F0196-25	Water	07-Jun-2021 10:39	11-Jun-2021 15:15
RC-13-SW-060721	21F0196-26	Water	07-Jun-2021 14:13	11-Jun-2021 15:15
SG-8-WP-36-060721	21F0196-27	Water	07-Jun-2021 13:19	11-Jun-2021 15:15
SG-8-WP-060721	21F0196-28	Water	07-Jun-2021 12:47	11-Jun-2021 15:15
SP-12-West-060721	21F0196-29	Water	07-Jun-2021 14:45	11-Jun-2021 15:15
FieldBlank-1-SP-060721	21F0196-30	Water	07-Jun-2021 15:30	11-Jun-2021 15:15
SP-47-060721	21F0196-31	Water	07-Jun-2021 16:05	11-Jun-2021 15:15
SP-14A-060921	21F0196-32	Water	09-Jun-2021 09:30	11-Jun-2021 15:15
SP-42-060921	21F0196-33	Water	09-Jun-2021 11:05	11-Jun-2021 15:15
SP-43-060921	21F0196-34	Water	09-Jun-2021 10:10	11-Jun-2021 15:15
SP-41-060921	21F0196-35	Water	09-Jun-2021 12:40	11-Jun-2021 15:15
SP-12-East-060921	21F0196-36	Water	09-Jun-2021 13:15	11-Jun-2021 15:15
SP-33-060921	21F0196-37	Water	09-Jun-2021 14:20	11-Jun-2021 15:15
SP-34-060921	21F0196-38	Water	09-Jun-2021 15:35	11-Jun-2021 15:15
DS-3S-GW-060921	21F0196-39	Water	09-Jun-2021 14:50	11-Jun-2021 15:15

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager:	Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921	21F0196-40	Water	09-Jun-2021 14:34	11-Jun-2021 15:15
DS-4S-GW-060921	21F0196-41	Water	09-Jun-2021 13:20	11-Jun-2021 15:15
DS-4I-GW-060921	21F0196-42	Water	09-Jun-2021 13:21	11-Jun-2021 15:15
DS-4I-GW-060921	21F0196-43	Water	09-Jun-2021 13:21	11-Jun-2021 15:15
DS-4D-GW-060921	21F0196-44	Water	09-Jun-2021 12:15	11-Jun-2021 15:15
DS-4DD-GW-060921	21F0196-45	Water	09-Jun-2021 11:47	11-Jun-2021 15:15

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Work Order Case Narrative

Total and Dissolved Metals - EPA Method 6020B

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times with the exception of nitrate, TDS, TSS and the re-analysis of sulfate. Nitrate arrived at the lab outside of the holding time for several samples and due to the amount of TDS and TSS analyses for this project samples were not analyzed within the method holding times . All associated samples have been flagged with an "H" qualifer. The initial calibration for sulfate failed and per ARI PM the samples were re-analyzed outside of the holding time and both sets of sata were reported for your review.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The reference material (SRM) percent recoveries were within control limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Floyd Snider Project Name: Holden Mine

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 21F0196 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1515 0.4 1.3 3.6 0.3 4.1 1.2 2.1 3.5 4.4 5.2

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 2565

Cooler Accepted by: JS Date: 06/11/2021 Time: 1515

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		(YES)	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SC Date: 6/12/21 Time: 0915 Labels checked by: SC

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

WORK ORDER

21F0196

Client: Floyd - Snider	**Project Manager:** Kelly Bottem
Project: Rio Tinto Holden Mine Reclamation/Remediation	**Project Number:** RT-Holden

Preservation Confirmation

Container ID	Container Type	pH	
21F0196-01 A	Large OJ, 1000 mL		
21F0196-01 B	Large OJ, 1000 mL		
21F0196-01 C	Small OJ, 500 mL		
21F0196-01 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0196-01 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-01 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-02 A	Large OJ, 1000 mL		
21F0196-02 B	Large OJ, 1000 mL		
21F0196-02 C	Small OJ, 500 mL		
21F0196-02 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-02 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-02 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-03 A	Large OJ, 1000 mL		
21F0196-03 B	Large OJ, 1000 mL		
21F0196-03 C	Small OJ, 500 mL		
21F0196-03 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-03 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-03 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-04 A	Large OJ, 1000 mL		
21F0196-04 B	Large OJ, 1000 mL		
21F0196-04 C	Small OJ, 500 mL		
21F0196-04 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-04 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-04 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-05 A	Large OJ, 1000 mL		
21F0196-05 B	Large OJ, 1000 mL		
21F0196-05 C	Small OJ, 500 mL		
21F0196-05 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-05 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-05 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-06 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0196-07 A	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-07 B	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0196-08 A	Large OJ, 1000 mL		
21F0196-08 B	Large OJ, 1000 mL		

Reviewed By

Date

WORK ORDER

21F0196

Client: Floyd - Snider | Project Manager: Kelly Bottem

Project: Rio Tinto Holden Mine Reclamation/Remediation | Project Number: RT-Holden

21F0196-08 C	Small OJ, 500 mL		
21F0196-08 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0196-08 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-08 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-09 A	Small OJ, 500 mL		
21F0196-09 B	Small OJ, 500 mL	4SC	
21F0196-09 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-09 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-09 E	Small OJ, 500 mL		
21F0196-09 F	Small OJ, 500 mL		
21F0196-09 G	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-09 H	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-10 A	Large OJ, 1000 mL		
21F0196-10 B	Large OJ, 1000 mL		
21F0196-10 C	Small OJ, 500 mL		
21F0196-10 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-10 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-10 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-11 A	Large OJ, 1000 mL		
21F0196-11 B	Large OJ, 1000 mL		
21F0196-11 C	Small OJ, 500 mL		
21F0196-11 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-11 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-11 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-12 A	Large OJ, 1000 mL		
21F0196-12 B	Large OJ, 1000 mL		
21F0196-12 C	Small OJ, 500 mL		
21F0196-12 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-12 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-12 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-13 A	Large OJ, 1000 mL		
21F0196-13 B	Large OJ, 1000 mL		
21F0196-13 C	Small OJ, 500 mL		
21F0196-13 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-13 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-13 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-14 A	Large OJ, 1000 mL		

Reviewed By

Date

WORK ORDER

21F0196

Client: Floyd - Snider	**Project Manager:** Kelly Bottem
Project: Rio Tinto Holden Mine Reclamation/Remediation	**Project Number:** RT-Holden

21F0196-14 B	Large OJ, 1000 mL		
21F0196-14 C	Small OJ, 500 mL		
21F0196-14 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0196-14 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-14 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-15 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0196-16 A	Large OJ, 1000 mL		
21F0196-16 B	Large OJ, 1000 mL		
21F0196-16 C	Small OJ, 500 mL		
21F0196-16 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-16 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-16 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-17 A	Large OJ, 1000 mL		
21F0196-17 B	Large OJ, 1000 mL		
21F0196-17 C	Small OJ, 500 mL		
21F0196-17 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-17 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-17 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-18 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0196-19 A	Large OJ, 1000 mL		
21F0196-19 B	Large OJ, 1000 mL		
21F0196-19 C	Small OJ, 500 mL		
21F0196-19 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-19 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-19 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-19 G	Large OJ, 1000 mL		
21F0196-19 H	Large OJ, 1000 mL		
21F0196-19 I	Small OJ, 500 mL		
21F0196-19 J	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-19 K	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-19 L	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-20 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0196-20 B	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0196-21 A	Large OJ, 1000 mL		
21F0196-21 B	Large OJ, 1000 mL		
21F0196-21 C	Small OJ, 500 mL		
21F0196-21 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P

Reviewed By

Date

WORK ORDER

21F0196

Client: Floyd - Snider		Project Manager: Kelly Bottem	
Project: Rio Tinto Holden Mine Reclamation/Remediation		Project Number: RT-Holden	
21F0196-21 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0196-21 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-22 A	Large OJ, 1000 mL		
21F0196-22 B	Large OJ, 1000 mL		
21F0196-22 C	Small OJ, 500 mL		
21F0196-22 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-22 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-22 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-22 G	Large OJ, 1000 mL		
21F0196-22 H	Large OJ, 1000 mL		
21F0196-22 I	Small OJ, 500 mL		
21F0196-22 J	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-22 K	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-22 L	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-23 A	Large OJ, 1000 mL		
21F0196-23 B	Large OJ, 1000 mL		
21F0196-23 C	Small OJ, 500 mL		
21F0196-23 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-23 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-23 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-24 A	Large OJ, 1000 mL		
21F0196-24 B	Large OJ, 1000 mL		
21F0196-24 C	Small OJ, 500 mL		
21F0196-24 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-24 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-24 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-25 A	Large OJ, 1000 mL		
21F0196-25 B	Large OJ, 1000 mL		
21F0196-25 C	Small OJ, 500 mL		
21F0196-25 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-25 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-25 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-26 A	Large OJ, 1000 mL		
21F0196-26 B	Large OJ, 1000 mL		
21F0196-26 C	Small OJ, 500 mL		
21F0196-26 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-26 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P

Reviewed By

Date

WORK ORDER

21F0196

Client: Floyd - Snider		Project Manager: Kelly Bottem	
Project: Rio Tinto Holden Mine Reclamation/Remediation		Project Number: RT-Holden	
21F0196-26 F	HDPE NM, 500 mL, 1:1 HNO3	<2	Pass (P)
21F0196-27 A	Large OJ, 1000 mL		
21F0196-27 B	Large OJ, 1000 mL		
21F0196-27 C	Small OJ, 500 mL		
21F0196-27 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-27 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-27 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-28 A	Large OJ, 1000 mL		
21F0196-28 B	Large OJ, 1000 mL		
21F0196-28 C	Small OJ, 500 mL		
21F0196-28 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-28 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-28 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-29 A	Small OJ, 500 mL		
21F0196-29 B	Small OJ, 500 mL		
21F0196-29 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-29 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-30 A	Small OJ, 500 mL		
21F0196-30 B	Small OJ, 500 mL		
21F0196-30 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-30 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-31 A	Large OJ, 1000 mL		
21F0196-31 B	Small OJ, 500 mL		
21F0196-31 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-31 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-32 A	Small OJ, 500 mL		
21F0196-32 B	Small OJ, 500 mL		
21F0196-32 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-32 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-33 A	Small OJ, 500 mL		
21F0196-33 B	Small OJ, 500 mL		
21F0196-33 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-33 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-34 A	Small OJ, 500 mL		
21F0196-34 B	Small OJ, 500 mL		
21F0196-34 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-34 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P

Reviewed By

Date

WORK ORDER

21F0196

Client: Floyd - Snider		**Project Manager: Kelly Bottem**	
Project: Rio Tinto Holden Mine Reclamation/Remediation		**Project Number: RT-Holden**	
21F0196-35 A	Small OJ, 500 mL		
21F0196-35 B	Small OJ, 500 mL		
21F0196-35 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0196-35 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-36 A	Small OJ, 500 mL		
21F0196-36 B	Small OJ, 500 mL		
21F0196-36 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-36 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-37 A	Small OJ, 500 mL		
21F0196-37 B	Small OJ, 500 mL		
21F0196-37 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-37 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-38 A	Small OJ, 500 mL		
21F0196-38 B	Small OJ, 500 mL		
21F0196-38 C	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-38 D	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-39 A	Large OJ, 1000 mL		
21F0196-39 B	Large OJ, 1000 mL		
21F0196-39 C	Small OJ, 500 mL		
21F0196-39 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-39 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-39 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-40 A	Large OJ, 1000 mL		
21F0196-40 B	Large OJ, 1000 mL		
21F0196-40 C	Small OJ, 500 mL		
21F0196-40 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-40 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-40 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-41 A	Large OJ, 1000 mL		
21F0196-41 B	Large OJ, 1000 mL		
21F0196-41 C	Small OJ, 500 mL		
21F0196-41 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-41 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-41 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-42 A	Large OJ, 1000 mL		
21F0196-42 B	Large OJ, 1000 mL		
21F0196-42 C	Small OJ, 500 mL		

Reviewed By

Date

WORK ORDER

21F0196

Client: Floyd - Snider		**Project Manager: Kelly Bottem**	
Project: Rio Tinto Holden Mine Reclamation/Remediation		**Project Number: RT-Holden**	
21F0196-42 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	Pass (P)
21F0196-42 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-42 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-43 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
21F0196-44 A	Large OJ, 1000 mL		
21F0196-44 B	Large OJ, 1000 mL		
21F0196-44 C	Small OJ, 500 mL		
21F0196-44 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-44 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-44 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P
21F0196-45 A	Large OJ, 1000 mL		
21F0196-45 B	Large OJ, 1000 mL		
21F0196-45 C	Small OJ, 500 mL		
21F0196-45 D	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-45 E	Glass NM, Amber, 250 mL, 9N H2SO4	<2	P
21F0196-45 F	HDPE NM, 500 mL, 1:1 HNO3	<2	P

SC
Preservation Confirmed By

6/12/21
Date

Reviewed By

Date

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/10/2021 11:17

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 21:06

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-01

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	13.6	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/10/2021 11:17

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 21:06

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-01 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	7.54	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	4480	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	578	ug/L	
Manganese	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium	7440-09-7	1	10.9	20.0	580	ug/L	
Sodium	7440-23-5	1	16.4	100	946	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/10/2021 11:17

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 00:35

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-01 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.319	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/10/2021 11:17

Instrument: IC930 Analyst: CDE — Analyzed: 06/11/2021 20:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-01 C

Preparation Batch: BJF0311 — Sample Size: 10 mL

Prepared: 06/11/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.121	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.83	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/10/2021 11:17

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-01 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	10.5	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	10.5	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/10/2021 11:17

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-01

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	34	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/10/2021 11:17

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-01

Preparation Batch: BJF0377 — Sample Size: 960 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/10/2021 11:17

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/19/2021 02:52

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-01 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.54	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-01 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.58	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-5-GW-061021

21F0196-01RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/10/2021 11:17

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 02:57

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-01RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0134	ug/L	J

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 12:35

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 21:10

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-02

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	16.5	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 12:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 21:10

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-02 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	17.7	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	5750	ug/L	
Iron	7439-89-6	1	18.2	36.0	26.6	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	530	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.420	ug/L	J
Potassium	7440-09-7	1	10.9	20.0	446	ug/L	
Sodium	7440-23-5	1	16.4	100	666	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 12:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 00:39

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-02 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	1.47	ug/L	
Zinc	7440-66-6	1	2.92	6.00	3.35	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 12:35

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 19:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-02 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.111	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	7.23	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 12:35

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-02 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.77	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.77	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 12:35

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-02

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	31	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 12:35

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-02

Preparation Batch: BJF0377 — Sample Size: 950 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 12:35

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/19/2021 03:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-02 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.59	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-02 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.70	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 12:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 03:01

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-02RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0304	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-12-060621

21F0196-02RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 12:35

Instrument: IC930 Analyst: BF — Analyzed: 07/08/2021 20:39

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-02RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	7.38	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 11:44

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 21:14

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-03

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	16.5	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 11:44

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 21:14

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-03 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	14.0	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	5740	ug/L	
Iron	7439-89-6	1	18.2	36.0	21.6	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	535	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.289	ug/L	J
Potassium	7440-09-7	1	10.9	20.0	444	ug/L	
Sodium	7440-23-5	1	16.4	100	663	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 11:44

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 00:43

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-03 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	1.34	ug/L	
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 11:44

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 19:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-03 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.118	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	7.52	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 11:44

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 10:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-03 C

Preparation Batch: BJF0471 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.06	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	2.14	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	10.2	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 11:44

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-03

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	23	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 11:44

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-03

Preparation Batch: BJF0377 — Sample Size: 950 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 11:44

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/19/2021 03:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-03 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.57	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-03 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.64	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 11:44

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 03:05

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-03RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0204	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-PW-6-060621

21F0196-03RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 11:44

Instrument: IC930 Analyst: BF — Analyzed: 07/08/2021 21:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-03RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	7.65	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 12:01

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 21:17

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-04

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	31.2	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 12:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 21:17

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-04 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	15.8	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	10500	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1230	ug/L	
Manganese	7439-96-5	1	0.142	0.500	15.6	ug/L	
Potassium	7440-09-7	1	10.9	20.0	773	ug/L	
Sodium	7440-23-5	1	16.4	100	972	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 12:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 01:18

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-04 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.194	ug/L	
Copper	7440-50-8	1	0.173	0.500	1.73	ug/L	
Zinc	7440-66-6	1	2.92	6.00	20.9	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 12:01

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 19:44

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-04 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.153	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	25.0	mg/L	E

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 12:01

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-04 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.34	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.34	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 12:01

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-04

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	52	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 12:01

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-04

Preparation Batch: BJF0377 — Sample Size: 910 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 12:01

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/19/2021 03:53

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-04 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-04 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.62	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-36-060621

21F0196-04RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 12:01

Instrument: IC930 Analyst: BF — Analyzed: 07/08/2021 22:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-04RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	5	0.500	0.500	18.5	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 09:01

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 21:21

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-05

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	36.8	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 21:21

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-05 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	61.3	ug/L	
Calcium	7440-70-2	1	11.1	50.0	11800	ug/L	
Iron	7439-89-6	1	18.2	36.0	133	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1740	ug/L	
Manganese	7439-96-5	1	0.142	0.500	16.9	ug/L	
Potassium	7440-09-7	1	10.9	20.0	1240	ug/L	
Sodium	7440-23-5	1	16.4	100	1510	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 01:21

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-05 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.286	ug/L	
Copper	7440-50-8	1	0.173	0.500	0.513	ug/L	
Zinc	7440-66-6	1	2.92	6.00	24.2	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 09:01

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 20:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-05 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.684	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	34.9	mg/L	E

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 09:01

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-05 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	4.68	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	4.68	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 09:01

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-05

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	69	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 09:01

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-05

Preparation Batch: BJF0377 — Sample Size: 930 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	14	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 09:01

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/19/2021 04:14

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-05 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-05 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-05RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 09:01

Instrument: IC930 Analyst: BF — Analyzed: 07/08/2021 22:39

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-05RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	5	0.500	0.500	27.7	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-06 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/06/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:47

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-06 A 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	27.3	ug/L	
Calcium, Dissolved	7440-70-2	1	11.1	50.0	11600	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	1670	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	17.5	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	1200	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	1440	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-14-GW-060621

21F0196-06 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 04:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-06 A 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.0300	0.100	0.222	ug/L	
Copper, Dissolved	7440-50-8	1	0.173	0.500	0.604	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	23.4	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FB-GW-060621

21F0196-07 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/06/2021 17:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:12

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-07 B 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	ND	ug/L	U
Calcium, Dissolved	7440-70-2	1	11.1	50.0	26.8	ug/L	J
Iron, Dissolved	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	3.38	ug/L	J
Manganese, Dissolved	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium, Dissolved	7440-09-7	1	10.9	20.0	ND	ug/L	U
Sodium, Dissolved	7440-23-5	1	16.4	100	33.4	ug/L	J

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FB-GW-060621

21F0196-07 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 17:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 04:27

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-07 B 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc, Dissolved	7440-66-6	1	2.92	6.00	ND	ug/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FB-GW-060621

21F0196-07 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 17:30

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/25/2021 11:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-07 A

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FB-GW-060621

21F0196-07RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 17:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 08:41

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-07RE1 B 02

Preparation Batch: BJG0149 — Sample Size: 25 mL

Prepared: 07/08/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.0300	0.100	ND	ug/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 11:11

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 22:15

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-08

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	31.4	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 11:11

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 22:15

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-08 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	29.0	ug/L	
Calcium	7440-70-2	1	11.1	50.0	10400	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1350	ug/L	
Manganese	7439-96-5	1	0.142	0.500	101	ug/L	
Potassium	7440-09-7	1	10.9	20.0	1130	ug/L	
Sodium	7440-23-5	1	16.4	100	1140	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 11:11

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 01:25

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-08 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.692	ug/L	
Copper	7440-50-8	1	0.173	0.500	3.62	ug/L	
Zinc	7440-66-6	1	2.92	6.00	50.6	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 11:11

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 21:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-08 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.177	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	34.9	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 11:11

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-08 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	3.87	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	3.87	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/06/2021 11:11

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-08

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	61	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/06/2021 11:11

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-08

Preparation Batch: BJF0377 — Sample Size: 910 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 11:11

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/19/2021 04:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-08 D

Preparation Batch: BJF0540 — Sample Size: 20 mL

Prepared: 06/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-08 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-9-WP-060621

21F0196-08RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 11:11

Instrument: IC930 Analyst: BF — Analyzed: 07/08/2021 22:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-08RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	5	0.500	0.500	25.5	mg/L	H, D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-50-060621

21F0196-09 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/06/2021 16:40

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 21:25

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-09

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	21.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-50-060621

21F0196-09 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/06/2021 16:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 21:25

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-09 D 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	205	ug/L	
Calcium	7440-70-2	1	11.1	50.0	7000	ug/L	
Iron	7439-89-6	1	18.2	36.0	653	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0730	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	933	ug/L	
Manganese	7439-96-5	1	0.142	0.500	47.0	ug/L	
Potassium	7440-09-7	1	10.9	20.0	536	ug/L	
Sodium	7440-23-5	1	16.4	100	794	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-50-060621

21F0196-09 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/06/2021 16:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 01:35

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-09 D 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.144	ug/L	
Copper	7440-50-8	1	0.173	0.500	3.64	ug/L	
Zinc	7440-66-6	1	2.92	6.00	19.4	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-50-060621

21F0196-09 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 16:40

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 21:44

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-09 F

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.129	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	16.1	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-50-060621

21F0196-09 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/06/2021 16:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-09 A

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	6.21	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	6.21	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-50-060621

21F0196-09 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/06/2021 16:40

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 03:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-09 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-50-060621

21F0196-09RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/06/2021 16:40

Instrument: IC930 Analyst: BF — Analyzed: 07/08/2021 23:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-09RE1 F

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	5	0.500	0.500	11.7	mg/L	H, D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 11:30

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 17:09

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-10

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		10	1.33	342	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 11:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 22:19

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-10 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	6.18	ug/L	J
Calcium	7440-70-2	10	111	500	116000	ug/L	D
Iron	7439-89-6	1	18.2	36.0	2570	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	12500	ug/L	
Manganese	7439-96-5	1	0.142	0.500	181	ug/L	
Potassium	7440-09-7	1	10.9	20.0	14300	ug/L	
Sodium	7440-23-5	1	16.4	100	3910	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 11:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 01:28

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-10 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 11:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 23:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-10 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.164	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	332	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 11:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-10 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	75.1	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	75.1	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 11:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-10

Preparation Batch: BJF0421 — Sample Size: 100 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	10	10	520	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 11:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-10

Preparation Batch: BJF0377 — Sample Size: 910 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	4	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 11:30

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/23/2021 23:34

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-10 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.60	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-10 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.64	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 11:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 03:09

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-10RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP2-13D-GW-060721

21F0196-10RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 11:30

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 00:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-10RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	100	10.0	10.0	212	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12S-GW-060721

21F0196-11 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 09:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:21

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-11 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	2	5.83	40.0	21.7	ug/L	J, D
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Potassium	7440-09-7	2	21.8	40.0	41200	ug/L	D
Sodium	7440-23-5	2	32.8	200	13900	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12S-GW-060721

21F0196-11 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 09:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 01:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-11 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.156	ug/L	
Copper	7440-50-8	2	0.346	1.00	0.556	ug/L	J, D
Zinc	7440-66-6	2	5.84	12.0	61.7	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12S-GW-060721

21F0196-11 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 09:35

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-11 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12S-GW-060721

21F0196-11 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 09:35

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-11

Preparation Batch: BJF0421 — Sample Size: 50 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	20	20	2600	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12S-GW-060721

21F0196-11 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 09:35

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-11

Preparation Batch: BJF0377 — Sample Size: 300 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	3	3	25	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12S-GW-060721

21F0196-11RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 09:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 18:11

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-11RE1 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Iron	7439-89-6	20	364	720	87300	ug/L	D
Manganese	7439-96-5	20	2.84	10.0	3020	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 09:30

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 19:13

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-12

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	1.04	93.6	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 09:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 19:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-12 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	5	14.6	100	1850	ug/L	D
Calcium	7440-70-2	5	55.5	250	31100	ug/L	D
Iron	7439-89-6	5	91.0	180	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	5	11.1	100	3890	ug/L	D
Manganese	7439-96-5	5	0.710	2.50	686	ug/L	D
Potassium	7440-09-7	5	54.5	100	3360	ug/L	D
Sodium	7440-23-5	5	82.0	500	2460	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 09:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 02:23

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-12 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	4.06	ug/L	
Copper	7440-50-8	1	0.173	0.500	149	ug/L	
Zinc	7440-66-6	5	4.70	30.0	640	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 09:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 23:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-12 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.121	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	124	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 09:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-12 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 09:30

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-12

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	182	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 09:30

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-12

Preparation Batch: BJF0393 — Sample Size: 900 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 09:30

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 00:06

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-12 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-12 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-12D-GW-060721

21F0196-12RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 09:30

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 00:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-12RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	50	5.00	5.00	72.7	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 13:10

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 20:14

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-13

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	1.04	166	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 13:10

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:14

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-13 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	5	14.6	100	5830	ug/L	D
Calcium	7440-70-2	5	55.5	250	50100	ug/L	D
Iron	7439-89-6	5	91.0	180	217	ug/L	D
Lead	7439-92-1	1	0.0513	0.100	0.284	ug/L	
Magnesium	7439-95-4	5	11.1	100	9840	ug/L	D
Potassium	7440-09-7	5	54.5	100	4420	ug/L	D
Sodium	7440-23-5	5	82.0	500	3940	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 13:10

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 02:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-13 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	3.80	ug/L	
Copper	7440-50-8	1	0.173	0.500	18.0	ug/L	
Zinc	7440-66-6	5	4.70	30.0	707	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 13:10

Instrument: IC930 Analyst: CDE — Analyzed: 06/22/2021 23:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-13 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.212	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	247	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 13:10

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-13 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 13:10

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-13

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	337	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 13:10

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-13

Preparation Batch: BJF0393 — Sample Size: 880 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 13:10

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 00:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-13 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-13 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 13:10

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 18:15

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-13RE1 F 01

Preparation Batch: BJF0848 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Manganese	7439-96-5	20	2.84	10.0	3160	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

TP3-13-GW-060721

21F0196-13RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 13:10

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 01:17

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-13RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	100	10.0	10.0	146	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 12:45

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 22:23

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-14

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	13.8	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 12:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 22:23

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-14 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	91.9	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4730	ug/L	
Iron	7439-89-6	1	18.2	36.0	129	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0950	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	484	ug/L	
Manganese	7439-96-5	1	0.142	0.500	3.85	ug/L	
Potassium	7440-09-7	1	10.9	20.0	429	ug/L	
Sodium	7440-23-5	1	16.4	100	682	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 12:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 02:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-14 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.83	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.75	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 12:45

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 00:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-14 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.119	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.23	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 12:45

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-14 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	10.1	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	10.1	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 12:45

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-14

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	29	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 12:45

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-14

Preparation Batch: BJF0393 — Sample Size: 940 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	2	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 12:45

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 00:46

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-14 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.69	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-14 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.65	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 12:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/26/2021 15:13

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-14RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	2	0.0120	0.0400	0.0404	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-14RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 12:45

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 02:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-14RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.94	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-15 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/07/2021 12:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:50

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-15 A 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	37.0	ug/L	
Calcium, Dissolved	7440-70-2	1	11.1	50.0	4950	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	45.8	ug/L	
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	472	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	2.68	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	431	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	692	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-15 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 12:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 04:36

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-15 A 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	2.20	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	4.29	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-24-SW-060721

21F0196-15RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 12:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 01:19

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-15RE1 A 02

Preparation Batch: BJG0516 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.00600	0.0200	0.0426	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 10:40

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 22:26

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-16

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	42.9	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 10:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 22:26

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-16 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	30.3	ug/L	
Calcium	7440-70-2	1	11.1	50.0	14700	ug/L	
Iron	7439-89-6	1	18.2	36.0	48.4	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1510	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.428	ug/L	J
Potassium	7440-09-7	1	10.9	20.0	685	ug/L	
Sodium	7440-23-5	1	16.4	100	1830	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 10:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 02:33

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-16 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.303	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 10:40

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 00:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-16 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.247	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.114	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	11.9	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 10:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-16 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	35.0	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	35.0	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 10:40

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-16

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	76	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 10:40

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-16

Preparation Batch: BJF0393 — Sample Size: 890 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 10:40

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 01:16

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-16 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-16 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 10:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 03:18

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-16RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.00740	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-12R-WP-060721

21F0196-16RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 10:40

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 02:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-16RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	2	0.200	0.200	9.87	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 08:50

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 22:30

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-17

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	18.0	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 08:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 22:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-17 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	109	ug/L	
Calcium	7440-70-2	1	11.1	50.0	6190	ug/L	
Iron	7439-89-6	1	18.2	36.0	257	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.109	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	623	ug/L	
Manganese	7439-96-5	1	0.142	0.500	12.2	ug/L	
Potassium	7440-09-7	1	10.9	20.0	453	ug/L	
Sodium	7440-23-5	1	16.4	100	756	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 08:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 02:37

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-17 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	3.02	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.81	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 08:50

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 01:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-17 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.116	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	5.45	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 08:50

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-17 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	11.5	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	11.5	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 08:50

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-17

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	38	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 08:50

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-17

Preparation Batch: BJF0393 — Sample Size: 930 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	3	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 08:50

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 01:33

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-17 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.68	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-17 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.59	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 08:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 03:53

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-17RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0446	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-17RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 08:50

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 03:17

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-17RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	5.45	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-18 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/07/2021 08:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:53

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-18 A 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	23.2	ug/L	
Calcium, Dissolved	7440-70-2	1	11.1	50.0	6540	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	25.1	ug/L	J
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	604	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	9.96	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	452	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	779	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-18 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 08:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:21

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-18 A 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	1.65	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	5.15	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-13-SW-060721

21F0196-18RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 08:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 09:24

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-18RE1 A 02

Preparation Batch: BJG0149 — Sample Size: 25 mL

Prepared: 07/08/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.0300	0.100	0.193	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 09:01

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 22:35

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-19

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	13.1	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 22:35

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-19 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	97.0	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4490	ug/L	
Iron	7439-89-6	1	18.2	36.0	121	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.109	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	455	ug/L	
Manganese	7439-96-5	1	0.142	0.500	3.49	ug/L	
Potassium	7440-09-7	1	10.9	20.0	407	ug/L	
Sodium	7440-23-5	1	16.4	100	649	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 02:40

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-19 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.93	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.15	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 09:01

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 04:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-19 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.121	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.80	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 09:01

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-19 I

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	9.57	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	9.57	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 09:01

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-19

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	29	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 09:01

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 09:29

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-19

Preparation Batch: BJF0377 — Sample Size: 930 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	2	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 09:01

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 15:52

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-19 E

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.63	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-19 D

Preparation Batch: BJF0759 — Sample Size: 20 mL

Prepared: 06/28/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.65	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 03:22

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-19RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0416	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-19RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 09:01

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 07:16

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-19RE1 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.81	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-20 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/07/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 02:55

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-20 B 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	1	2.92	20.0	17.7	ug/L	J
Calcium, Dissolved	7440-70-2	1	11.1	50.0	4630	ug/L	
Iron, Dissolved	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead, Dissolved	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium, Dissolved	7439-95-4	1	2.22	20.0	456	ug/L	
Manganese, Dissolved	7439-96-5	1	0.142	0.500	1.67	ug/L	
Potassium, Dissolved	7440-09-7	1	10.9	20.0	396	ug/L	
Sodium, Dissolved	7440-23-5	1	16.4	100	695	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-20 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 04:41

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-20 B 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper, Dissolved	7440-50-8	1	0.173	0.500	2.16	ug/L	
Zinc, Dissolved	7440-66-6	1	2.92	6.00	4.75	ug/L	J

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-2-SW-060721

21F0196-20RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 09:01

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/13/2021 09:28

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-20RE1 B 02

Preparation Batch: BJG0149 — Sample Size: 25 mL

Prepared: 07/08/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.0300	0.100	0.169	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 08:49

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 23:10

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-21

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 08:49

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 23:10

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-21 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	75.3	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4350	ug/L	
Iron	7439-89-6	1	18.2	36.0	114	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.102	ug/L	
Magnesium	7439-95-4	1	2.22	20.0	431	ug/L	
Manganese	7439-96-5	1	0.142	0.500	2.88	ug/L	
Potassium	7440-09-7	1	10.9	20.0	408	ug/L	
Sodium	7440-23-5	1	16.4	100	642	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 08:49

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 03:14

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-21 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.70	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.25	ug/L	J

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 08:49

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 02:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-21 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.141	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.143	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.75	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 08:49

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-21 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	9.77	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	9.77	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 08:49

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-21

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	25	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 08:49

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-21

Preparation Batch: BJF0393 — Sample Size: 920 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 08:49

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 01:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-21 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.60	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-21 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.64	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 08:49

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 03:57

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-21RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0406	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-6-060721

21F0196-21RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 08:49

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 03:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-21RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.79	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 09:31

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 23:29

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-22

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 09:31

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 23:29

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-22 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	8.80	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	4220	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	428	ug/L	
Manganese	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium	7440-09-7	1	10.9	20.0	422	ug/L	
Sodium	7440-23-5	1	16.4	100	603	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 09:31

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 03:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-22 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	1.15	ug/L	
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 09:31

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 07:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-22 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.129	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.45	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 09:31

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-22 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.75	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.75	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 09:31

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-22

Preparation Batch: BJF0422 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	28	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 09:31

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-22

Preparation Batch: BJF0393 — Sample Size: 950 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 09:31

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/28/2021 18:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-22 E

Preparation Batch: BJF0738 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.62	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-22 D

Preparation Batch: BJF0759 — Sample Size: 20 mL

Prepared: 06/28/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.58	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 09:31

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 01:31

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-22RE1 F 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0260	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-PW-12-060721

21F0196-22RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 09:31

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 08:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-22RE1 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.49	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 10:21

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 23:14

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-23

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	22.2	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 10:21

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 23:14

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-23 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	17.6	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	7400	ug/L	
Iron	7439-89-6	1	18.2	36.0	29.7	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	0.0750	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	893	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.503	ug/L	
Potassium	7440-09-7	1	10.9	20.0	480	ug/L	
Sodium	7440-23-5	1	16.4	100	856	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 10:21

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 03:18

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-23 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	1.44	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.98	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 10:21

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 02:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-23 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.169	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	11.7	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 10:21

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-23 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	11.2	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	11.2	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 10:21

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-23

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	44	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 10:21

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-23

Preparation Batch: BJF0393 — Sample Size: 900 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 10:21

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 02:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-23 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-23 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.51	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 10:21

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 01:23

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-23RE1 F 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0464	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-7-WP-36-060721

21F0196-23RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 10:21

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 03:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-23RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	2	0.200	0.200	9.84	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 10:35

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 22:05

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-24

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	ND	mg/L CaCO3	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 10:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:05

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-24 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	4.20	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	12.3	ug/L	J
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	ND	ug/L	U
Manganese	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium	7440-09-7	1	10.9	20.0	ND	ug/L	U
Sodium	7440-23-5	1	16.4	100	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 10:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 00:25

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-24 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 10:35

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 02:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-24 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 10:35

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-24 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 10:35

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-24

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 10:35

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-24

Preparation Batch: BJF0393 — Sample Size: 930 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 10:35

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 02:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-24 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-24 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 10:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 01:27

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-24RE1 F 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-2-GW-060721

21F0196-24RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 10:35

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 04:17

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-24RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 10:39

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 23:18

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-25

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	21.7	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 10:39

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 23:18

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-25 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	14.1	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	7250	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	0.0700	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	880	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.299	ug/L	J
Potassium	7440-09-7	1	10.9	20.0	472	ug/L	
Sodium	7440-23-5	1	16.4	100	848	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 10:39

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 03:21

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-25 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	1.30	ug/L	
Zinc	7440-66-6	1	2.92	6.00	4.51	ug/L	J

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 10:39

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 03:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-25 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.172	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	11.7	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 10:39

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-25 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	10.9	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	10.9	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 10:39

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-25

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	44	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 10:39

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-25

Preparation Batch: BJF0393 — Sample Size: 920 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 10:39

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 03:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-25 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-25 E

Preparation Batch: BJF0697 — Sample Size: 20 mL

Prepared: 06/24/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 10:39

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 04:01

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-25RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0354	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-107-WP-36-060721

21F0196-25RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 10:39

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 04:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-25RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	2	0.200	0.200	10.0	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 14:13

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 17:04

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-26

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	12.0	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 14:13

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 17:04

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-26 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	85.7	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4130	ug/L	
Iron	7439-89-6	1	18.2	36.0	122	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0950	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	416	ug/L	
Manganese	7439-96-5	1	0.142	0.500	3.65	ug/L	
Potassium	7440-09-7	1	10.9	20.0	394	ug/L	
Sodium	7440-23-5	1	16.4	100	607	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 14:13

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 03:25

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-26 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.60	ug/L	
Zinc	7440-66-6	1	2.92	6.00	5.24	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 14:13

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 03:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-26 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.124	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.87	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 14:13

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-26 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	9.67	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	9.67	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 14:13

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-26

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	27	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 14:13

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-26

Preparation Batch: BJF0393 — Sample Size: 960 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	2	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 14:13

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 04:12

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-26 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.61	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-26 E

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.65	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 14:13

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 02:09

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-26RE1 F 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0400	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

RC-13-SW-060721

21F0196-26RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 14:13

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 04:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-26RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.04	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 13:19

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 23:25

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-27

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	13.0	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 13:19

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 23:25

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-27 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	18.5	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	4470	ug/L	
Iron	7439-89-6	1	18.2	36.0	25.4	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	0.0780	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	441	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.344	ug/L	J
Potassium	7440-09-7	1	10.9	20.0	413	ug/L	
Sodium	7440-23-5	1	16.4	100	662	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 13:19

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 03:28

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-27 F 01

Preparation Batch: BJF0847 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	5.95	ug/L	
Zinc	7440-66-6	1	2.92	6.00	24.3	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 13:19

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 03:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-27 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.124	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.16	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 13:19

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-27 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	9.87	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	9.87	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 13:19

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:19

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-27

Preparation Batch: BJF0421 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	26	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 13:19

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-27

Preparation Batch: BJF0393 — Sample Size: 920 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	H, U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 13:19
Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 04:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-27 D
Preparation Batch: BJF0656 — Sample Size: 20 mL
Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-27 E
Preparation Batch: BJF0737 — Sample Size: 20 mL
Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.62	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 13:19

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 02:14

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-27RE1 F 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0504	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-36-060721

21F0196-27RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 13:19

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 05:17

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-27RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	3.24	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 12:47

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 00:05

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-28

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	17.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 12:47

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:05

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-28 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	84.6	ug/L	
Calcium	7440-70-2	1	11.1	50.0	5750	ug/L	
Iron	7439-89-6	1	18.2	36.0	260	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0910	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	705	ug/L	
Manganese	7439-96-5	1	0.142	0.500	8.35	ug/L	
Potassium	7440-09-7	1	10.9	20.0	559	ug/L	
Sodium	7440-23-5	1	16.4	100	1070	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 12:47

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:06

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-28 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.463	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 12:47

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 04:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-28 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.227	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	5.06	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 12:47

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 14:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-28 C

Preparation Batch: BJF0497 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	13.0	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	13.0	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/07/2021 12:47

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-28

Preparation Batch: BJF0422 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	38	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/07/2021 12:47

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-28

Preparation Batch: BJF0393 — Sample Size: 880 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	33	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 12:47

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 04:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-28 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	0.52	mg/L	

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-28 D

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.59	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 12:47

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 02:18

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-28RE1 F 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0346	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SG-8-WP-060721

21F0196-28RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 12:47

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 05:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-28RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	5.04	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-West-060721

21F0196-29 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 14:45

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 19:21

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-29

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		10	2.07	17.9	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-West-060721

21F0196-29 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 14:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 19:21

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-29 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	10	29.2	200	424	ug/L	D
Calcium	7440-70-2	10	111	500	5740	ug/L	D
Iron	7439-89-6	10	182	360	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	10	22.2	200	863	ug/L	D
Manganese	7439-96-5	10	1.42	5.00	28.5	ug/L	D
Potassium	7440-09-7	10	109	200	905	ug/L	D
Sodium	7440-23-5	10	164	1000	1140	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-West-060721

21F0196-29 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 14:45

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:09

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-29 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	7.38	ug/L	
Copper	7440-50-8	10	1.73	5.00	966	ug/L	D
Zinc	7440-66-6	10	29.2	60.0	1010	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-West-060721

21F0196-29 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 14:45

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 04:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-29 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.219	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	24.2	mg/L	E

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-West-060721

21F0196-29 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 14:45

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-29 B

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-West-060721

21F0196-29 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 14:45

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 06:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-29 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-West-060721

21F0196-29RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 14:45

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 06:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-29RE1 A

Preparation Batch: BJF0598 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	5	0.500	0.500	16.0	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-1-SP-060721

21F0196-30 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 15:30

Instrument: [CALC] Analyst: MCB Analyzed: 07/16/2021 22:08

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-30

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	ND	mg/L CaCO3	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-1-SP-060721

21F0196-30 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 15:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-30 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	ND	ug/L	U
Calcium	7440-70-2	1	11.1	50.0	ND	ug/L	U
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	ND	ug/L	U
Manganese	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium	7440-09-7	1	10.9	20.0	ND	ug/L	U
Sodium	7440-23-5	1	16.4	100	ND	ug/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-1-SP-060721

21F0196-30 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 15:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 00:28

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-30 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-1-SP-060721

21F0196-30 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 15:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 08:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-30 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-1-SP-060721

21F0196-30 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 15:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-30 B

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-1-SP-060721

21F0196-30 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 15:30

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 07:27

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-30 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-1-SP-060721

21F0196-30RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 15:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 02:22

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-30RE1 D 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

FieldBlank-1-SP-060721

21F0196-30RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 15:30

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 09:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-30RE1 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-47-060721

21F0196-31 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/07/2021 16:05

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 00:09

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-31

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	16.6	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-47-060721

21F0196-31 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/07/2021 16:05

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:09

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-31 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	113	ug/L	
Calcium	7440-70-2	1	11.1	50.0	5610	ug/L	
Iron	7439-89-6	1	18.2	36.0	400	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0920	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	623	ug/L	
Manganese	7439-96-5	1	0.142	0.500	16.5	ug/L	
Potassium	7440-09-7	1	10.9	20.0	485	ug/L	
Sodium	7440-23-5	1	16.4	100	754	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-47-060721

21F0196-31 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/07/2021 16:05

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-31 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.110	ug/L	
Copper	7440-50-8	1	0.173	0.500	2.78	ug/L	
Zinc	7440-66-6	1	2.92	6.00	16.3	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-47-060721

21F0196-31 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 16:05

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 08:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-31 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.126	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	7.14	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-47-060721

21F0196-31 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/07/2021 16:05

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-31 B

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.65	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.65	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-47-060721

21F0196-31 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/07/2021 16:05

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 07:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-31 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.52	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-47-060721

21F0196-31RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/07/2021 16:05

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 11:17

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-31RE1 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	7.08	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-14A-060921

21F0196-32 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 09:30

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 20:28

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-32

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		2	0.414	29.9	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-14A-060921

21F0196-32 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 09:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:28

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-32 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	2	5.83	40.0	5630	ug/L	D
Calcium	7440-70-2	2	22.2	100	9320	ug/L	D
Iron	7439-89-6	2	36.4	72.0	45.9	ug/L	J, D
Lead	7439-92-1	1	0.0513	0.100	0.0540	ug/L	J
Magnesium	7439-95-4	2	4.44	40.0	1610	ug/L	D
Manganese	7439-96-5	2	0.284	1.00	88.6	ug/L	D
Potassium	7440-09-7	2	21.8	40.0	949	ug/L	D
Sodium	7440-23-5	2	32.8	200	1040	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-14A-060921

21F0196-32 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 09:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:17

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-32 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	22.0	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-14A-060921

21F0196-32 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 09:30

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 09:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-32 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	ND	mg/L	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.187	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	89.1	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-14A-060921

21F0196-32 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 09:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-32 A

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-14A-060921

21F0196-32 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 09:30

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 08:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-32 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.51	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-14A-060921

21F0196-32RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 09:30

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 19:56

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-32RE1 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	50	8.65	25.0	5690	ug/L	D
Zinc	7440-66-6	50	146	300	2750	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-14A-060921

21F0196-32RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 09:30

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 11:37

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-32RE1 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	20	2.00	2.00	57.8	mg/L	H, D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-42-060921

21F0196-33 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 11:05

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 20:36

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-33

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		2	0.414	30.5	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-42-060921

21F0196-33 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 11:05

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:36

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-33 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	2	5.83	40.0	1510	ug/L	D
Calcium	7440-70-2	2	22.2	100	8220	ug/L	D
Iron	7439-89-6	2	36.4	72.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	2	4.44	40.0	2420	ug/L	D
Manganese	7439-96-5	2	0.284	1.00	122	ug/L	D
Potassium	7440-09-7	2	21.8	40.0	1440	ug/L	D
Sodium	7440-23-5	2	32.8	200	1880	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-42-060921

21F0196-33 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 11:05

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:20

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-33 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	20.2	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-42-060921

21F0196-33 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 11:05

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 10:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-33 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.181	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.371	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	63.1	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-42-060921

21F0196-33 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 11:05

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-33 B

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-42-060921

21F0196-33 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 11:05

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 08:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-33 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.60	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-42-060921

21F0196-33RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 11:05

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 18:23

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-33RE1 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	20	3.46	10.0	3060	ug/L	D
Zinc	7440-66-6	20	18.8	120	2840	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-42-060921

21F0196-33RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 11:05

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 11:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-33RE1 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	20	2.00	2.00	36.3	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-43-060921

21F0196-34 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 10:10

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 20:43

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-34

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		2	0.414	38.8	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-43-060921

21F0196-34 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 10:10

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:43

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-34 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	2	5.83	40.0	3030	ug/L	D
Calcium	7440-70-2	2	22.2	100	10200	ug/L	D
Iron	7439-89-6	2	36.4	72.0	127	ug/L	D
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	2	4.44	40.0	3240	ug/L	D
Manganese	7439-96-5	2	0.284	1.00	174	ug/L	D
Potassium	7440-09-7	2	21.8	40.0	1610	ug/L	D
Sodium	7440-23-5	2	32.8	200	2050	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-43-060921

21F0196-34 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 10:10

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 20:43

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-34 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	2	0.0600	0.200	29.9	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-43-060921

21F0196-34 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 10:10

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 10:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-34 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.195	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.381	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	89.0	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-43-060921

21F0196-34 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 10:10

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-34 B

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-43-060921

21F0196-34 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 10:10

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 08:42

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-34 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.68	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-43-060921

21F0196-34RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 10:10

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 18:29

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-34RE1 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	20	3.46	10.0	4840	ug/L	D
Zinc	7440-66-6	20	18.8	120	4150	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-43-060921

21F0196-34RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 10:10

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 12:16

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-34RE1 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	20	2.00	2.00	57.5	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-41-060921

21F0196-35 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 12:40

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 19:25

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-35

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		10	2.07	37.0	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-41-060921

21F0196-35 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 12:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 19:25

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-35 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	10	29.2	200	391	ug/L	D
Calcium	7440-70-2	10	111	500	11600	ug/L	D
Iron	7439-89-6	10	182	360	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	10	22.2	200	1960	ug/L	D
Manganese	7439-96-5	10	1.42	5.00	49.4	ug/L	D
Potassium	7440-09-7	10	109	200	1600	ug/L	D
Sodium	7440-23-5	10	164	1000	2030	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-41-060921

21F0196-35 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 12:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:28

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-35 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	13.0	ug/L	
Copper	7440-50-8	10	1.73	5.00	2030	ug/L	D
Zinc	7440-66-6	10	9.40	60.0	1660	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-41-060921

21F0196-35 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 12:40

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 11:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-35 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.191	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.281	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	56.0	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-41-060921

21F0196-35 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 12:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-35 A

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-41-060921

21F0196-35 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 12:40

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-35 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-41-060921

21F0196-35RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 12:40

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 12:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-35RE1 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	10	1.00	1.00	39.0	mg/L	H, D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-East-060921

21F0196-36 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 13:15

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 19:30

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-36

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		10	2.07	27.1	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-East-060921

21F0196-36 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 13:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 19:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-36 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	10	29.2	200	451	ug/L	D
Calcium	7440-70-2	10	111	500	8600	ug/L	D
Iron	7439-89-6	10	182	360	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	10	22.2	200	1380	ug/L	D
Manganese	7439-96-5	10	1.42	5.00	37.0	ug/L	D
Potassium	7440-09-7	10	109	200	1280	ug/L	D
Sodium	7440-23-5	10	164	1000	1600	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-East-060921

21F0196-36 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 13:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-36 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	9.83	ug/L	
Copper	7440-50-8	10	1.73	5.00	1340	ug/L	D
Zinc	7440-66-6	10	9.40	60.0	1290	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-East-060921

21F0196-36 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 13:15

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 11:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-36 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.141	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.263	mg/L	H

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	42.5	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-East-060921

21F0196-36 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 13:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-36 B

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-East-060921

21F0196-36 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 13:15

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 17:31

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-36 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-12-East-060921

21F0196-36RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 13:15

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 12:56

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-36RE1 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	10	1.00	1.00	28.0	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-33-060921

21F0196-37 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 14:20

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 00:13

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-37

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	36.1	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-33-060921

21F0196-37 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 14:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:13

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-37 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	27.1	ug/L	
Calcium	7440-70-2	1	11.1	50.0	12000	ug/L	
Iron	7439-89-6	1	18.2	36.0	36.9	ug/L	
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	1480	ug/L	
Manganese	7439-96-5	1	0.142	0.500	2.18	ug/L	
Potassium	7440-09-7	1	10.9	20.0	786	ug/L	
Sodium	7440-23-5	1	16.4	100	2030	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-33-060921

21F0196-37 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 14:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:37

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-37 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.252	ug/L	
Copper	7440-50-8	1	0.173	0.500	1.83	ug/L	
Zinc	7440-66-6	1	2.92	6.00	25.2	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-33-060921

21F0196-37 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 14:20

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 11:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-37 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.529	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	27.6	mg/L	E

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-33-060921

21F0196-37 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 14:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-37 A

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	14.6	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	14.6	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-33-060921

21F0196-37 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 14:20

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 17:56

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-37 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.60	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-33-060921

21F0196-37RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 14:20

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 13:16

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-37RE1 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	10	1.00	1.00	19.1	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-34-060921

21F0196-38 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 15:35

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 00:16

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-38

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	17.3	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-34-060921

21F0196-38 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 15:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:16

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-38 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	64.8	ug/L	
Calcium	7440-70-2	1	11.1	50.0	5890	ug/L	
Iron	7439-89-6	1	18.2	36.0	526	ug/L	
Lead	7439-92-1	1	0.0513	0.100	0.0630	ug/L	J
Magnesium	7439-95-4	1	2.22	20.0	637	ug/L	
Manganese	7439-96-5	1	0.142	0.500	13.4	ug/L	
Potassium	7440-09-7	1	10.9	20.0	562	ug/L	
Sodium	7440-23-5	1	16.4	100	813	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-34-060921

21F0196-38 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 15:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 04:57

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-38 D 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	2.28	ug/L	
Zinc	7440-66-6	1	2.92	6.00	6.78	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-34-060921

21F0196-38 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 15:35

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 12:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-38 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.177	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	7.34	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-34-060921

21F0196-38 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 15:35

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-38 B

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	10.6	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	10.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-34-060921

21F0196-38 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 15:35

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/26/2021 19:01

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-38 C

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.61	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-34-060921

21F0196-38RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 15:35

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 02:26

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-38RE1 D 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0500	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

SP-34-060921

21F0196-38RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 15:35

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 13:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-38RE1 A

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	7.29	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 14:50

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 00:20

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-39

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	10.6	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 14:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:20

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-39 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	4.23	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	3620	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	376	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.161	ug/L	J
Potassium	7440-09-7	1	10.9	20.0	381	ug/L	
Sodium	7440-23-5	1	16.4	100	642	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 14:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 05:01

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-39 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.306	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	3.78	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 14:50

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 12:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-39 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.133	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.76	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 14:50

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-39 C

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	7.84	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	7.84	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/09/2021 14:50

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-39

Preparation Batch: BJF0422 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	27	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/09/2021 14:50

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-39

Preparation Batch: BJF0393 — Sample Size: 960 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 14:50

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 05:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-39 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-39 E

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 14:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 02:30

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-39RE1 F 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0570	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3S-GW-060921

21F0196-39RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 14:50

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 13:55

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-39RE1 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.93	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 14:34

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 00:24

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-40

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	13.8	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 14:34

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:24

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-40 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	22.2	ug/L	
Calcium	7440-70-2	1	11.1	50.0	4710	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	508	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.560	ug/L	
Potassium	7440-09-7	1	10.9	20.0	474	ug/L	
Sodium	7440-23-5	1	16.4	100	825	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 14:34

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 05:05

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-40 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.221	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	4.86	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 14:34

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 12:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-40 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.146	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	4.98	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 14:34

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-40 C

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.95	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.95	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/09/2021 14:34

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-40

Preparation Batch: BJF0422 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	30	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/09/2021 14:34

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-40

Preparation Batch: BJF0393 — Sample Size: 950 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 14:34

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 05:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-40 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-40 E

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	0.50	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 14:34

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 04:06

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-40RE1 F 02

Preparation Batch: BJG0515 — Sample Size: 100 mL

Prepared: 07/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0608	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-3D-GW-060921

21F0196-40RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 14:34

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 14:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-40RE1 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	5.02	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 13:20

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 00:29

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-41

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	11.5	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 13:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:29

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-41 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	4.40	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	3940	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	397	ug/L	
Manganese	7439-96-5	1	0.142	0.500	ND	ug/L	U
Potassium	7440-09-7	1	10.9	20.0	417	ug/L	
Sodium	7440-23-5	1	16.4	100	638	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 13:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 05:08

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-41 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Copper	7440-50-8	1	0.173	0.500	0.318	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	5.76	ug/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 13:20

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 13:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-41 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.120	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.58	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 13:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-41 C

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	8.14	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	8.14	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/09/2021 13:20

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-41

Preparation Batch: BJF0422 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	24	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/09/2021 13:20

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-41

Preparation Batch: BJF0393 — Sample Size: 940 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 13:20

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 05:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-41 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-41 E

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 13:20

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/23/2021 02:35

Sample Preparation: Preparation Method: RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x — Extract ID: 21F0196-41RE1 F 02

Preparation Batch: BJG0486 — Sample Size: 100 mL

Prepared: 07/21/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.00600	0.0200	0.0674	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4S-GW-060921

21F0196-41RE2 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 13:20

Instrument: IC930 Analyst: BF — Analyzed: 07/14/2021 00:23

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-41RE2 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	1	0.100	0.100	2.57	mg/L	H

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 13:21

Instrument: [CALC] Analyst: MCB Analyzed: 07/21/2021 19:17

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-42

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		5	1.04	218	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 13:21

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/21/2021 19:17

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-42 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	5	14.6	100	6270	ug/L	D
Calcium	7440-70-2	5	55.5	250	70000	ug/L	D
Iron	7439-89-6	5	91.0	180	23800	ug/L	D
Lead	7439-92-1	1	0.0513	0.100	0.0810	ug/L	J
Magnesium	7439-95-4	5	11.1	100	10600	ug/L	D
Manganese	7439-96-5	5	0.710	2.50	1280	ug/L	D
Potassium	7440-09-7	5	54.5	100	7990	ug/L	D
Sodium	7440-23-5	5	82.0	500	4430	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 13:21

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 05:12

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-42 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	2.40	ug/L	
Copper	7440-50-8	1	0.350	0.500	32.2	ug/L	
Zinc	7440-66-6	5	14.6	30.0	407	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 13:21

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-42 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.354	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 13:21

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-42 C

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	ND	mg/L CaCO3	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/09/2021 13:21

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-42

Preparation Batch: BJF0422 — Sample Size: 100 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	10	10	499	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/09/2021 13:21

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-42

Preparation Batch: BJF0393 — Sample Size: 300 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	3	3	47	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 13:21

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 06:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-42 D

Preparation Batch: BJF0656 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-42 E

Preparation Batch: BJF0737 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 13:21

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 15:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-42RE1 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	71	7.10	7.10	246	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-42RE3 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 13:21

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 20:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-42RE3 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	68	6.80	6.80	252	mg/L	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-43 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B — Sampled: 06/09/2021 13:21

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/16/2021 22:57

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-43 A 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum, Dissolved	7429-90-5	5	14.6	100	6720	ug/L	D
Calcium, Dissolved	7440-70-2	5	55.5	250	77500	ug/L	D
Iron, Dissolved	7439-89-6	1	18.2	36.0	19800	ug/L	
Lead, Dissolved	7439-92-1	1	0.0513	0.100	0.0860	ug/L	J
Magnesium, Dissolved	7439-95-4	5	11.1	100	11200	ug/L	D
Manganese, Dissolved	7439-96-5	20	2.84	10.0	1390	ug/L	D
Potassium, Dissolved	7440-09-7	5	54.5	100	8490	ug/L	D
Sodium, Dissolved	7440-23-5	5	82.0	500	4620	ug/L	D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4I-GW-060921

21F0196-43 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 13:21

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/03/2021 05:25

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-43 A 01

Preparation Batch: BJF0755 — Sample Size: 25 mL

Prepared: 06/28/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium, Dissolved	7440-43-9	1	0.0300	0.100	2.60	ug/L	
Copper, Dissolved	7440-50-8	1	0.173	0.500	31.9	ug/L	
Zinc, Dissolved	7440-66-6	5	14.6	30.0	444	ug/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 12:15

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 00:33

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-44

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		1	0.207	16.3	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 12:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:33

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-44 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	14.5	ug/L	J
Calcium	7440-70-2	1	11.1	50.0	5510	ug/L	
Iron	7439-89-6	1	18.2	36.0	ND	ug/L	U
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	626	ug/L	
Manganese	7439-96-5	1	0.142	0.500	2.33	ug/L	
Potassium	7440-09-7	1	10.9	20.0	667	ug/L	
Sodium	7440-23-5	1	16.4	100	840	ug/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 12:15

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 05:16

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-44 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.120	ug/L	
Copper	7440-50-8	1	0.173	0.500	ND	ug/L	U
Zinc	7440-66-6	1	2.92	6.00	10.7	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 12:15

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 14:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-44 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.139	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	ND	mg/L	H, U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 12:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-44 C

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	6.00	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	6.00	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/09/2021 12:15

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-44

Preparation Batch: BJF0422 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	34	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/09/2021 12:15

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-44

Preparation Batch: BJF0393 — Sample Size: 960 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 12:15

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 09:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-44 D

Preparation Batch: BJF0658 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-44 E

Preparation Batch: BJF0738 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 12:15

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 15:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-44RE1 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	2	0.200	0.200	9.26	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4D-GW-060921

21F0196-44RE3 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 12:15

Instrument: IC930 Analyst: BF — Analyzed: 07/14/2021 00:43

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-44RE3 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	2	0.200	0.200	9.56	mg/L	H, D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45 (Water)

Metals and Metallic Compounds

Method: [CALC] Sampled: 06/09/2021 11:47

Instrument: [CALC] Analyst: MCB Analyzed: 07/22/2021 17:14

Sample Preparation: Preparation Method: [CALC] Extract ID: 21F0196-45

Preparation Batch: [CALC]

Prepared: 07/01/2021 Final Volume: 1

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Hardness		10	1.33	158	mg/L CaCO3	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45 (Water)

Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 06/09/2021 11:47

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/22/2021 00:38

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-45 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Aluminum	7429-90-5	1	2.92	20.0	15.3	ug/L	J
Calcium	7440-70-2	10	111	500	50600	ug/L	D
Iron	7439-89-6	1	18.2	36.0	18.7	ug/L	J
Lead	7439-92-1	1	0.0513	0.100	ND	ug/L	U
Magnesium	7439-95-4	1	2.22	20.0	7590	ug/L	
Manganese	7439-96-5	1	0.142	0.500	0.562	ug/L	
Potassium	7440-09-7	1	10.9	20.0	2050	ug/L	
Sodium	7440-23-5	1	16.4	100	3120	ug/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45 (Water)

Metals and Metallic Compounds

Method: EPA 6020B UCT-KED — Sampled: 06/09/2021 11:47

Instrument: ICPMS1 Analyst: MCB — Analyzed: 07/20/2021 05:21

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 21F0196-45 F 01

Preparation Batch: BJF0844 — Sample Size: 25 mL

Prepared: 07/01/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Cadmium	7440-43-9	1	0.0300	0.100	0.158	ug/L	
Copper	7440-50-8	1	0.173	0.500	0.193	ug/L	J
Zinc	7440-66-6	1	2.92	6.00	ND	ug/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 11:47

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 15:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-45 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Chloride	16887-00-6	1	0.100	0.100	0.280	mg/L	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Nitrate-N	14797-55-8	1	0.100	0.100	0.169	mg/L	H

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45 (Water)

Wet Chemistry

Method: SM 2320 B-97 — Sampled: 06/09/2021 11:47

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/17/2021 17:09

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-45 C

Preparation Batch: BJF0508 — Sample Size: 100 mL

Prepared: 06/17/2021 — Final Volume: 100 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Bicarbonate		1	1.00	1.00	35.4	mg/L CaCO3	

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Carbonate		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Hydroxide		1	1.00	1.00	ND	mg/L CaCO3	U

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Alkalinity, Total		1	1.00	1.00	35.4	mg/L CaCO3	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45 (Water)

Wet Chemistry

Method: SM 2540 C-97 — Sampled: 06/09/2021 11:47

Instrument: BAL2 Analyst: UW — Analyzed: 06/15/2021 15:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-45

Preparation Batch: BJF0422 — Sample Size: 200 mL

Prepared: 06/15/2021 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	5	5	248	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45 (Water)

Wet Chemistry

Method: SM 2540 D-97 — Sampled: 06/09/2021 11:47

Instrument: BAL2 Analyst: DOE — Analyzed: 06/15/2021 11:20

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-45

Preparation Batch: BJF0393 — Sample Size: 960 mL

Prepared: 06/15/2021 — Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	1	1	2	mg/L	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45 (Water)

Wet Chemistry

Method: SM 5310 B-00 — Sampled: 06/09/2021 11:47

Instrument: TOC-LCSH Analyst: RMS — Analyzed: 06/24/2021 09:57

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-45 D

Preparation Batch: BJF0658 — Sample Size: 20 mL

Prepared: 06/23/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Organic Carbon		1	0.50	0.50	ND	mg/L	U

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-45 E

Preparation Batch: BJF0738 — Sample Size: 20 mL

Prepared: 06/25/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Organic Carbon, Dissolved		1	0.50	0.50	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45RE1 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 11:47

Instrument: IC930 Analyst: CDE — Analyzed: 06/23/2021 16:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-45RE1 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	30	3.00	3.00	103	mg/L	D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

DS-4DD-GW-060921

21F0196-45RE3 (Water)

Wet Chemistry

Method: EPA 300.0 — Sampled: 06/09/2021 11:47

Instrument: IC930 Analyst: BF — Analyzed: 07/09/2021 19:55

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21F0196-45RE3 B

Preparation Batch: BJF0599 — Sample Size: 10 mL

Prepared: 06/22/2021 — Final Volume: 10 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Sulfate	14808-79-8	28	2.80	2.80	44.0	mg/L	H, D

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0844 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0844-BLK1)					Prepared: 01-Jul-2021 Analyzed: 16-Jul-2021 22:40							
Aluminum	27	ND	2.92	20.0	ug/L							U
Calcium	44	ND	11.1	50.0	ug/L							U
Iron	54	ND	18.2	36.0	ug/L							U
Iron	57	ND	6.63	36.0	ug/L							U
Magnesium	24	ND	2.22	20.0	ug/L							U
Manganese	55	ND	0.142	0.500	ug/L							U
Potassium	39	ND	10.9	20.0	ug/L							U
Sodium	23	ND	16.4	100	ug/L							U
Zinc	66	ND	2.92	6.00	ug/L							U
Zinc	67	ND	0.940	6.00	ug/L							U
Blank (BJF0844-BLK2)					Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 20:58							
Lead	208	ND	0.0513	0.100	ug/L							U
Copper	63	ND	0.173	0.500	ug/L							U
Copper	65	ND	0.350	0.500	ug/L							U
Blank (BJF0844-BLK3)					Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 21:55							
Cadmium	111	ND	0.0300	0.100	ug/L							U
Cadmium	114	ND	0.0400	0.100	ug/L							U
LCS (BJF0844-BS1)					Prepared: 01-Jul-2021 Analyzed: 16-Jul-2021 22:43							
Aluminum	27	5340	2.92	20.0	ug/L	5000		107	80-120			
Calcium	44	5500	11.1	50.0	ug/L	5000		110	80-120			
Iron	54	5360	18.2	36.0	ug/L	5000		107	80-120			
Iron	57	5370	6.63	36.0	ug/L	5000		107	80-120			
Magnesium	24	5380	2.22	20.0	ug/L	5000		108	80-120			
Manganese	55	29.8	0.142	0.500	ug/L	25.0		119	80-120			
Potassium	39	5290	10.9	20.0	ug/L	5000		106	80-120			
Sodium	23	5170	16.4	100	ug/L	5000		103	80-120			
Zinc	66	81.7	2.92	6.00	ug/L	80.0		102	80-120			
Zinc	67	78.5	0.940	6.00	ug/L	80.0		98.1	80-120			
LCS (BJF0844-BS2)					Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 21:03							
Lead	208	25.5	0.0513	0.100	ug/L	25.0		102	80-120			
Copper	63	24.4	0.173	0.500	ug/L	25.0		97.6	80-120			
Copper	65	24.5	0.350	0.500	ug/L	25.0		98.1	80-120			

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0844 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJF0844-BS2)						Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 21:03						
LCS (BJF0844-BS3)						Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 21:58						
Cadmium	111	26.8	0.0300	0.100	ug/L	25.0		107	80-120			
Cadmium	114	26.5	0.0400	0.100	ug/L	25.0		106	80-120			
Duplicate (BJF0844-DUP1)			**Source: 21F0196-22**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 03:36						
Lead	208	ND	0.0513	0.100	ug/L		ND					U
Cadmium	111	ND	0.0300	0.100	ug/L		0.0320					U
Copper	63	1.09	0.173	0.500	ug/L		1.15			5.56	20	
Zinc	66	ND	2.92	6.00	ug/L		ND					U
Duplicate (BJF0844-DUP2)			**Source: 21F0196-22**			Prepared: 01-Jul-2021 Analyzed: 21-Jul-2021 23:34						
Aluminum	27	8.23	2.92	20.0	ug/L		8.80			6.75	20	J
Calcium	44	3930	11.1	50.0	ug/L		4220			7.30	20	
Iron	54	ND	18.2	36.0	ug/L		ND					U
Magnesium	24	391	2.22	20.0	ug/L		428			8.98	20	
Manganese	55	ND	0.142	0.500	ug/L		ND					U
Potassium	39	387	10.9	20.0	ug/L		422			8.72	20	
Sodium	23	563	16.4	100	ug/L		603			6.72	20	
Matrix Spike (BJF0844-MS1)			**Source: 21F0196-22**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 03:40						
Lead	208	26.4	0.0513	0.100	ug/L	25.0	ND	106	75-125			
Cadmium	111	25.4	0.0300	0.100	ug/L	25.0	0.0320	101	75-125			
Copper	63	25.8	0.173	0.500	ug/L	25.0	1.15	98.5	75-125			
Zinc	66	78.2	2.92	6.00	ug/L	80.0	ND	97.7	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0844-MS2)			**Source: 21F0196-22**			Prepared: 01-Jul-2021 Analyzed: 21-Jul-2021 23:38						
Aluminum	27	5070	2.92	20.0	ug/L	5000	8.80	101	75-125			
Calcium	44	9020	11.1	50.0	ug/L	5000	4220	95.9	75-125			
Iron	54	5030	18.2	36.0	ug/L	5000	ND	101	75-125			
Magnesium	24	5440	2.22	20.0	ug/L	5000	428	100	75-125			
Manganese	55	24.5	0.142	0.500	ug/L	25.0	ND	98.1	75-125			
Potassium	39	5430	10.9	20.0	ug/L	5000	422	100	75-125			
Sodium	23	5580	16.4	100	ug/L	5000	603	99.6	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0844 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BJF0844-MSD1)		**Source: 21F0196-22**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 03:45							
Lead	208	26.3	0.0513	0.100	ug/L	25.0	ND	105	75-125	0.61	20	
Cadmium	111	24.8	0.0300	0.100	ug/L	25.0	0.0320	99.1	75-125	2.24	20	
Copper	63	26.2	0.173	0.500	ug/L	25.0	1.15	100	75-125	1.54	20	
Zinc	66	78.5	2.92	6.00	ug/L	80.0	ND	98.2	75-125	0.47	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BJF0844-MSD2)		**Source: 21F0196-22**			Prepared: 01-Jul-2021 Analyzed: 21-Jul-2021 23:43							
Aluminum	27	5090	2.92	20.0	ug/L	5000	8.80	102	75-125	0.40	20	
Calcium	44	9190	11.1	50.0	ug/L	5000	4220	99.4	75-125	1.91	20	
Iron	54	5030	18.2	36.0	ug/L	5000	ND	101	75-125	0.03	20	
Magnesium	24	5480	2.22	20.0	ug/L	5000	428	101	75-125	0.73	20	
Manganese	55	24.5	0.142	0.500	ug/L	25.0	ND	98.1	75-125	0.07	20	
Potassium	39	5390	10.9	20.0	ug/L	5000	422	99.3	75-125	0.81	20	
Sodium	23	5640	16.4	100	ug/L	5000	603	101	75-125	0.96	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0847 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0847-BLK1)					Prepared: 01-Jul-2021 Analyzed: 16-Jul-2021 21:52							
Aluminum	27	ND	2.92	20.0	ug/L							U
Calcium	44	ND	11.1	50.0	ug/L							U
Iron	54	ND	18.2	36.0	ug/L							U
Iron	57	ND	6.63	36.0	ug/L							U
Magnesium	24	ND	2.22	20.0	ug/L							U
Manganese	55	ND	0.142	0.500	ug/L							U
Potassium	39	ND	10.9	20.0	ug/L							U
Sodium	23	ND	16.4	100	ug/L							U
Zinc	66	ND	2.92	6.00	ug/L							U
Zinc	67	ND	0.940	6.00	ug/L							U
Blank (BJF0847-BLK2)					Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 19:57							
Lead	208	ND	0.0513	0.100	ug/L							U
Cadmium	111	ND	0.0300	0.100	ug/L							U
Cadmium	114	ND	0.0400	0.100	ug/L							U
Copper	63	ND	0.173	0.500	ug/L							U
Copper	65	ND	0.350	0.500	ug/L							U
LCS (BJF0847-BS1)					Prepared: 01-Jul-2021 Analyzed: 16-Jul-2021 21:55							
Aluminum	27	5260	2.92	20.0	ug/L	5000		105	80-120			
Calcium	44	5450	11.1	50.0	ug/L	5000		109	80-120			
Iron	54	5240	18.2	36.0	ug/L	5000		105	80-120			
Iron	57	5220	6.63	36.0	ug/L	5000		104	80-120			
Magnesium	24	5250	2.22	20.0	ug/L	5000		105	80-120			
Manganese	55	28.7	0.142	0.500	ug/L	25.0		115	80-120			
Potassium	39	5060	10.9	20.0	ug/L	5000		101	80-120			
Sodium	23	5060	16.4	100	ug/L	5000		101	80-120			
Zinc	66	78.6	2.92	6.00	ug/L	80.0		98.3	80-120			
Zinc	67	75.5	0.940	6.00	ug/L	80.0		94.4	80-120			
LCS (BJF0847-BS2)					Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 20:01							
Lead	208	24.4	0.0513	0.100	ug/L	25.0		97.7	80-120			
Cadmium	111	24.3	0.0300	0.100	ug/L	25.0		97.0	80-120			
Cadmium	114	23.9	0.0400	0.100	ug/L	25.0		95.8	80-120			
Copper	63	23.2	0.173	0.500	ug/L	25.0		92.8	80-120			
Copper	65	23.3	0.350	0.500	ug/L	25.0		93.1	80-120			

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0847 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJF0847-BS2)						Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 20:01						
Duplicate (BJF0847-DUP1)			**Source: 21F0196-19**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 02:44						
Lead	208	0.125	0.0513	0.100	ug/L		0.109			13.70	20	
Cadmium	111	0.0380	0.0300	0.100	ug/L		0.0350			8.22	20	J
Copper	63	2.94	0.173	0.500	ug/L		2.93			0.14	20	
Zinc	66	7.60	2.92	6.00	ug/L		5.15			38.50	20	L
Duplicate (BJF0847-DUP2)			**Source: 21F0196-19**			Prepared: 01-Jul-2021 Analyzed: 21-Jul-2021 22:39						
Aluminum	27	104	2.92	20.0	ug/L		97.0			6.50	20	
Calcium	44	4450	11.1	50.0	ug/L		4490			0.90	20	
Iron	54	122	18.2	36.0	ug/L		121			0.60	20	
Magnesium	24	448	2.22	20.0	ug/L		455			1.56	20	
Manganese	55	3.53	0.142	0.500	ug/L		3.49			1.34	20	
Potassium	39	404	10.9	20.0	ug/L		407			0.58	20	
Sodium	23	653	16.4	100	ug/L		649			0.70	20	
Matrix Spike (BJF0847-MS1)			**Source: 21F0196-19**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 02:48						
Lead	208	25.5	0.0513	0.100	ug/L	25.0	0.109	102	75-125			
Cadmium	111	24.2	0.0300	0.100	ug/L	25.0	0.0350	96.8	75-125			
Copper	63	27.0	0.173	0.500	ug/L	25.0	2.93	96.2	75-125			
Zinc	66	77.6	2.92	6.00	ug/L	80.0	5.15	90.6	75-125			
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												
Matrix Spike (BJF0847-MS2)			**Source: 21F0196-19**			Prepared: 01-Jul-2021 Analyzed: 21-Jul-2021 22:43						
Aluminum	27	5120	2.92	20.0	ug/L	5000	97.0	100	75-125			
Calcium	44	9490	11.1	50.0	ug/L	5000	4490	100	75-125			
Iron	54	5140	18.2	36.0	ug/L	5000	121	100	75-125			
Magnesium	24	5550	2.22	20.0	ug/L	5000	455	102	75-125			
Manganese	55	27.8	0.142	0.500	ug/L	25.0	3.49	97.3	75-125			
Potassium	39	5380	10.9	20.0	ug/L	5000	407	99.5	75-125			
Sodium	23	5650	16.4	100	ug/L	5000	649	100	75-125			
Recovery limits for target analytes in MS/MSD QC samples are advisory only.												
Matrix Spike Dup (BJF0847-MSD1)			**Source: 21F0196-19**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 02:53						
Lead	208	25.8	0.0513	0.100	ug/L	25.0	0.109	103	75-125	1.16	20	
Cadmium	111	24.2	0.0300	0.100	ug/L	25.0	0.0350	96.8	75-125	0.01	20	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0847 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BJF0847-MSD1)			**Source: 21F0196-19**			Prepared: 01-Jul-2021		Analyzed: 20-Jul-2021 02:53				
Copper	63	27.0	0.173	0.500	ug/L	25.0	2.93	96.4	75-125	0.11	20	
Zinc	66	78.4	2.92	6.00	ug/L	80.0	5.15	91.6	75-125	1.04	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0847-MSD2)			**Source: 21F0196-19**			Prepared: 01-Jul-2021		Analyzed: 21-Jul-2021 22:48				
Aluminum	27	5040	2.92	20.0	ug/L	5000	97.0	98.8	75-125	1.52	20	
Calcium	44	9450	11.1	50.0	ug/L	5000	4490	99.2	75-125	0.50	20	
Iron	54	5010	18.2	36.0	ug/L	5000	121	97.8	75-125	2.51	20	
Magnesium	24	5510	2.22	20.0	ug/L	5000	455	101	75-125	0.73	20	
Manganese	55	27.8	0.142	0.500	ug/L	25.0	3.49	97.1	75-125	0.19	20	
Potassium	39	5240	10.9	20.0	ug/L	5000	407	96.7	75-125	2.63	20	
Sodium	23	5570	16.4	100	ug/L	5000	649	98.4	75-125	1.50	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0848 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0848-BLK1)					Prepared: 01-Jul-2021 Analyzed: 16-Jul-2021 21:58							
Aluminum	27	ND	2.92	20.0	ug/L							U
Calcium	44	ND	11.1	50.0	ug/L							U
Iron	54	ND	18.2	36.0	ug/L							U
Iron	57	ND	6.63	36.0	ug/L							U
Magnesium	24	ND	2.22	20.0	ug/L							U
Potassium	39	ND	10.9	20.0	ug/L							U
Sodium	23	ND	16.4	100	ug/L							U
Zinc	66	ND	2.92	6.00	ug/L							U
Zinc	67	ND	0.940	6.00	ug/L							U
Blank (BJF0848-BLK2)					Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 20:06							
Cadmium	111	ND	0.0300	0.100	ug/L							U
Cadmium	114	ND	0.0400	0.100	ug/L							U
Copper	63	ND	0.173	0.500	ug/L							U
Copper	65	ND	0.350	0.500	ug/L							U
Blank (BJF0848-BLK3)					Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 19:38							
Lead	208	ND	0.0513	0.100	ug/L							U
Manganese	55	ND	0.142	0.500	ug/L							U
LCS (BJF0848-BS1)					Prepared: 01-Jul-2021 Analyzed: 16-Jul-2021 22:02							
Aluminum	27	5450	2.92	20.0	ug/L	5000		109	80-120			
Calcium	44	5630	11.1	50.0	ug/L	5000		113	80-120			
Iron	54	5470	18.2	36.0	ug/L	5000		109	80-120			
Iron	57	5460	6.63	36.0	ug/L	5000		109	80-120			
Magnesium	24	5490	2.22	20.0	ug/L	5000		110	80-120			
Potassium	39	5360	10.9	20.0	ug/L	5000		107	80-120			
Sodium	23	5240	16.4	100	ug/L	5000		105	80-120			
Zinc	66	81.5	2.92	6.00	ug/L	80.0		102	80-120			
Zinc	67	77.5	0.940	6.00	ug/L	80.0		96.9	80-120			
LCS (BJF0848-BS2)					Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 20:10							
Cadmium	111	25.0	0.0300	0.100	ug/L	25.0		100	80-120			
Cadmium	114	24.8	0.0400	0.100	ug/L	25.0		99.2	80-120			
Copper	63	24.4	0.173	0.500	ug/L	25.0		97.4	80-120			
Copper	65	24.3	0.350	0.500	ug/L	25.0		97.1	80-120			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0848 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJF0848-BS2)						Prepared: 01-Jul-2021 Analyzed: 19-Jul-2021 20:10						
LCS (BJF0848-BS3)						Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 19:43						
Lead	208	23.8	0.0513	0.100	ug/L	25.0		95.4	80-120			
Manganese	55	24.5	0.142	0.500	ug/L	25.0		98.1	80-120			
Duplicate (BJF0848-DUP1)			**Source: 21F0196-09**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 01:39						
Lead	208	0.0730	0.0513	0.100	ug/L		0.0730			0.00		J
Cadmium	111	0.125	0.0300	0.100	ug/L		0.144			14.10	20	
Copper	63	3.81	0.173	0.500	ug/L		3.64			4.67	20	
Zinc	66	20.2	2.92	6.00	ug/L		19.4			3.82	20	
Duplicate (BJF0848-DUP2)			**Source: 21F0196-09**			Prepared: 01-Jul-2021 Analyzed: 21-Jul-2021 21:30						
Aluminum	27	214	2.92	20.0	ug/L		205			3.99	20	
Calcium	44	7120	11.1	50.0	ug/L		7000			1.72	20	
Iron	54	663	18.2	36.0	ug/L		653			1.39	20	
Magnesium	24	964	2.22	20.0	ug/L		933			3.21	20	
Manganese	55	48.3	0.142	0.500	ug/L		47.0			2.78	20	
Potassium	39	541	10.9	20.0	ug/L		536			0.83	20	
Sodium	23	802	16.4	100	ug/L		794			0.92	20	
Matrix Spike (BJF0848-MS1)			**Source: 21F0196-09**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 01:43						
Lead	208	26.1	0.0513	0.100	ug/L	25.0	0.0730	104	75-125			
Cadmium	111	25.4	0.0300	0.100	ug/L	25.0	0.144	101	75-125			
Copper	63	28.4	0.173	0.500	ug/L	25.0	3.64	99.1	75-125			
Zinc	66	94.9	2.92	6.00	ug/L	80.0	19.4	94.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0848-MS2)			**Source: 21F0196-09**			Prepared: 01-Jul-2021 Analyzed: 21-Jul-2021 21:34						
Aluminum	27	5160	2.92	20.0	ug/L	5000	205	99.1	75-125			
Calcium	44	12100	11.1	50.0	ug/L	5000	7000	103	75-125			
Iron	54	5620	18.2	36.0	ug/L	5000	653	99.3	75-125			
Magnesium	24	6020	2.22	20.0	ug/L	5000	933	102	75-125			
Manganese	55	71.4	0.142	0.500	ug/L	25.0	47.0	97.6	75-125			
Potassium	39	5400	10.9	20.0	ug/L	5000	536	97.3	75-125			
Sodium	23	5660	16.4	100	ug/L	5000	794	97.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJF0848 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BJF0848-MSD1)		**Source: 21F0196-09**			Prepared: 01-Jul-2021 Analyzed: 20-Jul-2021 01:48							
Lead	208	25.9	0.0513	0.100	ug/L	25.0	0.0730	103	75-125	0.67	20	
Cadmium	111	25.2	0.0300	0.100	ug/L	25.0	0.144	100	75-125	0.85	20	
Copper	63	27.8	0.173	0.500	ug/L	25.0	3.64	96.7	75-125	2.13	20	
Zinc	66	94.1	2.92	6.00	ug/L	80.0	19.4	93.3	75-125	0.88	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BJF0848-MSD2)		**Source: 21F0196-09**			Prepared: 01-Jul-2021 Analyzed: 21-Jul-2021 21:39							
Aluminum	27	5100	2.92	20.0	ug/L	5000	205	97.8	75-125	1.24	20	
Calcium	44	12000	11.1	50.0	ug/L	5000	7000	99.2	75-125	1.45	20	
Iron	54	5550	18.2	36.0	ug/L	5000	653	98.0	75-125	1.19	20	
Magnesium	24	5970	2.22	20.0	ug/L	5000	933	101	75-125	0.91	20	
Manganese	55	69.8	0.142	0.500	ug/L	25.0	47.0	91.2	75-125	2.28	20	
Potassium	39	5360	10.9	20.0	ug/L	5000	536	96.5	75-125	0.80	20	
Sodium	23	5590	16.4	100	ug/L	5000	794	96.0	75-125	1.24	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJG0486 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJG0486-BLK1)					Prepared: 21-Jul-2021 Analyzed: 23-Jul-2021 00:01							
Cadmium	111	ND	0.00600	0.0200	ug/L							U
Cadmium	114	ND	0.00800	0.0200	ug/L							U
LCS (BJG0486-BS1)					Prepared: 21-Jul-2021 Analyzed: 23-Jul-2021 00:05							
Cadmium	111	4.81	0.00600	0.0200	ug/L	5.00		96.2	80-120			
Cadmium	114	4.76	0.00800	0.0200	ug/L	5.00		95.2	80-120			
LCS Dup (BJG0486-BSD1)					Prepared: 21-Jul-2021 Analyzed: 23-Jul-2021 00:09							
Cadmium	111	4.94	0.00600	0.0200	ug/L	5.00		98.8	80-120	2.71	20	
Cadmium	114	4.92	0.00800	0.0200	ug/L	5.00		98.3	80-120	3.22	20	
Duplicate (BJG0486-DUP1)			**Source: 21F0196-22RE1**		Prepared: 21-Jul-2021 Analyzed: 23-Jul-2021 01:35							
Cadmium	111	0.0302	0.00600	0.0200	ug/L		0.0260			14.90	20	
Matrix Spike (BJG0486-MS1)			**Source: 21F0196-22RE1**		Prepared: 21-Jul-2021 Analyzed: 23-Jul-2021 01:40							
Cadmium	111	4.69	0.00600	0.0200	ug/L	5.00	0.0260	93.3	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds - Quality Control

Batch BJG0515 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJG0515-BLK1)						Prepared: 22-Jul-2021 Analyzed: 23-Jul-2021 02:02						
Cadmium	111	ND	0.00600	0.0200	ug/L							U
Cadmium	114	ND	0.00800	0.0200	ug/L							U
LCS (BJG0515-BS1)						Prepared: 22-Jul-2021 Analyzed: 23-Jul-2021 02:06						
Cadmium	111	5.00	0.00600	0.0200	ug/L	5.00		99.9	80-120			
Cadmium	114	5.04	0.00800	0.0200	ug/L	5.00		101	80-120			
Duplicate (BJG0515-DUP1)			**Source: 21F0196-19RE1**			Prepared: 22-Jul-2021 Analyzed: 23-Jul-2021 03:26						
Cadmium	111	0.0418	0.00600	0.0200	ug/L		0.0416			0.48	20	
Matrix Spike (BJG0515-MS1)			**Source: 21F0196-19RE1**			Prepared: 22-Jul-2021 Analyzed: 23-Jul-2021 03:31						
Cadmium	111	4.73	0.00600	0.0200	ug/L	5.00	0.0416	93.7	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJF0755 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0755-BLK1)						Prepared: 28-Jun-2021 Analyzed: 29-Jun-2021 19:51						
Aluminum, Dissolved	27	ND	2.92	20.0	ug/L							U
Calcium, Dissolved	44	ND	11.1	50.0	ug/L							U
Iron, Dissolved	54	ND	18.2	36.0	ug/L							U
Iron, Dissolved	57	ND	6.63	20.0	ug/L							U
Lead, Dissolved	208	ND	0.0513	0.100	ug/L							U
Magnesium, Dissolved	24	ND	2.22	20.0	ug/L							U
Manganese, Dissolved	55	ND	0.142	0.500	ug/L							U
Potassium, Dissolved	39	ND	10.9	20.0	ug/L							U
Sodium, Dissolved	23	ND	16.4	100	ug/L							U
Cadmium, Dissolved	111	ND	0.0300	0.100	ug/L							U
Cadmium, Dissolved	114	ND	0.0400	0.100	ug/L							U
Copper, Dissolved	63	ND	0.173	0.500	ug/L							U
Copper, Dissolved	65	ND	0.350	0.500	ug/L							U
Zinc, Dissolved	66	ND	2.92	6.00	ug/L							U
Zinc, Dissolved	67	ND	0.940	6.00	ug/L							U
LCS (BJF0755-BS1)						Prepared: 28-Jun-2021 Analyzed: 29-Jun-2021 19:56						
Aluminum, Dissolved	27	5030	2.92	20.0	ug/L	5000		101	80-120			
Calcium, Dissolved	44	5260	11.1	50.0	ug/L	5000		105	80-120			
Iron, Dissolved	54	5160	18.2	36.0	ug/L	5000		103	80-120			
Iron, Dissolved	57	5190	6.63	20.0	ug/L	5000		104	80-120			
Lead, Dissolved	208	27.9	0.0513	0.100	ug/L	25.0		112	80-120			
Magnesium, Dissolved	24	5170	2.22	20.0	ug/L	5000		103	80-120			
Manganese, Dissolved	55	28.6	0.142	0.500	ug/L	25.0		114	80-120			
Potassium, Dissolved	39	5230	10.9	20.0	ug/L	5000		105	80-120			
Sodium, Dissolved	23	5040	16.4	100	ug/L	5000		101	80-120			
Cadmium, Dissolved	111	26.3	0.0300	0.100	ug/L	25.0		105	80-120			
Cadmium, Dissolved	114	26.2	0.0400	0.100	ug/L	25.0		105	80-120			
Copper, Dissolved	63	25.6	0.173	0.500	ug/L	25.0		102	80-120			
Copper, Dissolved	65	25.5	0.350	0.500	ug/L	25.0		102	80-120			
Zinc, Dissolved	66	81.6	2.92	6.00	ug/L	80.0		102	80-120			
Zinc, Dissolved	67	78.6	0.940	6.00	ug/L	80.0		98.2	80-120			
Duplicate (BJF0755-DUP1)			**Source: 21F0196-20**			Prepared: 28-Jun-2021 Analyzed: 03-Jul-2021 04:45						
Iron, Dissolved	54	ND	18.2	36.0	ug/L		ND					U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJF0755 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Duplicate (BJF0755-DUP1)			**Source: 21F0196-20**		Prepared: 28-Jun-2021 Analyzed: 03-Jul-2021 04:45							
Lead, Dissolved	208	ND	0.0513	0.100	ug/L		ND					U
Cadmium, Dissolved	111	0.0350	0.0300	0.100	ug/L		0.0480			31.30	20	L, J
Copper, Dissolved	63	2.04	0.173	0.500	ug/L		2.16			5.47	20	
Zinc, Dissolved	66	4.02	2.92	6.00	ug/L		4.75			16.60	20	J
Duplicate (BJF0755-DUP2)			**Source: 21F0196-20**		Prepared: 28-Jun-2021 Analyzed: 16-Jul-2021 02:58							
Aluminum, Dissolved	27	15.1	2.92	20.0	ug/L		17.7			15.60	20	J
Calcium, Dissolved	44	4330	11.1	50.0	ug/L		4630			6.88	20	
Magnesium, Dissolved	24	438	2.22	20.0	ug/L		456			3.92	20	
Manganese, Dissolved	55	2.39	0.142	0.500	ug/L		1.67			35.80	20	*, L
Potassium, Dissolved	39	378	10.9	20.0	ug/L		396			4.61	20	
Sodium, Dissolved	23	662	16.4	100	ug/L		695			4.77	20	
Matrix Spike (BJF0755-MS1)			**Source: 21F0196-20**		Prepared: 28-Jun-2021 Analyzed: 03-Jul-2021 04:50							
Iron, Dissolved	54	4690	18.2	36.0	ug/L	5000	ND	93.9	75-125			
Lead, Dissolved	208	26.4	0.0513	0.100	ug/L	25.0	ND	105	75-125			
Cadmium, Dissolved	111	24.4	0.0300	0.100	ug/L	25.0	0.0480	97.3	75-125			
Copper, Dissolved	63	26.1	0.173	0.500	ug/L	25.0	2.16	95.6	75-125			
Zinc, Dissolved	66	79.6	2.92	6.00	ug/L	80.0	4.75	93.6	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike (BJF0755-MS2)			**Source: 21F0196-20**		Prepared: 28-Jun-2021 Analyzed: 16-Jul-2021 03:02							
Aluminum, Dissolved	27	5090	2.92	20.0	ug/L	5000	17.7	101	75-125			
Calcium, Dissolved	44	9430	11.1	50.0	ug/L	5000	4630	96.0	75-125			
Magnesium, Dissolved	24	5660	2.22	20.0	ug/L	5000	456	104	75-125			
Manganese, Dissolved	55	28.8	0.142	0.500	ug/L	25.0	1.67	108	75-125			
Potassium, Dissolved	39	5180	10.9	20.0	ug/L	5000	396	95.7	75-125			
Sodium, Dissolved	23	5660	16.4	100	ug/L	5000	695	99.3	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0755-MSD1)			**Source: 21F0196-20**		Prepared: 28-Jun-2021 Analyzed: 03-Jul-2021 04:56							
Iron, Dissolved	54	4730	18.2	36.0	ug/L	5000	ND	94.6	75-125	0.76	20	
Lead, Dissolved	208	26.8	0.0513	0.100	ug/L	25.0	ND	107	75-125	1.56	20	
Cadmium, Dissolved	111	24.3	0.0300	0.100	ug/L	25.0	0.0480	97.0	75-125	0.34	20	
Copper, Dissolved	63	25.5	0.173	0.500	ug/L	25.0	2.16	93.3	75-125	2.23	20	

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJF0755 - REN EPA 600/4-79-020 4.1.4 HNO3 matrix

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BJF0755-MSD1)			**Source: 21F0196-20**			Prepared: 28-Jun-2021	Analyzed: 03-Jul-2021 04:56					
Zinc, Dissolved	66	79.5	2.92	6.00	ug/L	80.0	4.75	93.5	75-125	0.16	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0755-MSD2)			**Source: 21F0196-20**			Prepared: 28-Jun-2021	Analyzed: 16-Jul-2021 03:07					
Aluminum, Dissolved	27	5090	2.92	20.0	ug/L	5000	17.7	102	75-125	0.10	20	
Calcium, Dissolved	44	9370	11.1	50.0	ug/L	5000	4630	94.7	75-125	0.70	20	
Magnesium, Dissolved	24	5570	2.22	20.0	ug/L	5000	456	102	75-125	1.53	20	
Manganese, Dissolved	55	28.3	0.142	0.500	ug/L	25.0	1.67	106	75-125	1.77	20	
Potassium, Dissolved	39	5200	10.9	20.0	ug/L	5000	396	96.1	75-125	0.34	20	
Sodium, Dissolved	23	5590	16.4	100	ug/L	5000	695	97.9	75-125	1.23	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJG0149 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJG0149-BLK1)						Prepared: 08-Jul-2021 Analyzed: 13-Jul-2021 08:07						
Cadmium, Dissolved	111	ND	0.0300	0.100	ug/L							U
Cadmium, Dissolved	114	ND	0.0400	0.100	ug/L							U
LCS (BJG0149-BS1)						Prepared: 08-Jul-2021 Analyzed: 13-Jul-2021 08:11						
Cadmium, Dissolved	111	23.6	0.0300	0.100	ug/L	25.0		94.6	80-120			
Cadmium, Dissolved	114	23.8	0.0400	0.100	ug/L	25.0		95.3	80-120			
LCS Dup (BJG0149-BSD1)						Prepared: 08-Jul-2021 Analyzed: 13-Jul-2021 08:15						
Cadmium, Dissolved	111	23.9	0.0300	0.100	ug/L	25.0		95.6	80-120	1.10	20	
Cadmium, Dissolved	114	24.2	0.0400	0.100	ug/L	25.0		96.8	80-120	1.49	20	
Duplicate (BJG0149-DUP1)			**Source: 21F0196-20RE1**			Prepared: 08-Jul-2021 Analyzed: 13-Jul-2021 09:32						
Cadmium, Dissolved	111	0.175	0.0300	0.100	ug/L		0.169			3.49	20	
Matrix Spike (BJG0149-MS1)			**Source: 21F0196-20RE1**			Prepared: 08-Jul-2021 Analyzed: 13-Jul-2021 09:38						
Cadmium, Dissolved	111	22.4	0.0300	0.100	ug/L	25.0	0.169	88.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BJG0516 - RHN EPA 600/4-79-020 4.1.4 HNO3 matrix 5x

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJG0516-BLK1)					Prepared: 21-Jul-2021 Analyzed: 23-Jul-2021 01:07							
Cadmium, Dissolved	111	ND	0.00600	0.0200	ug/L							U
Cadmium, Dissolved	114	ND	0.00800	0.0200	ug/L							U
LCS (BJG0516-BS1)					Prepared: 21-Jul-2021 Analyzed: 23-Jul-2021 01:11							
Cadmium, Dissolved	111	4.94	0.00600	0.0200	ug/L	5.00		98.8	80-120			
Cadmium, Dissolved	114	4.99	0.00800	0.0200	ug/L	5.00		99.7	80-120			
LCS Dup (BJG0516-BSD1)					Prepared: 21-Jul-2021 Analyzed: 23-Jul-2021 01:15							
Cadmium, Dissolved	111	4.98	0.00600	0.0200	ug/L	5.00		99.6	80-120	0.76	20	
Cadmium, Dissolved	114	4.86	0.00800	0.0200	ug/L	5.00		97.2	80-120	2.55	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0311 - No Prep Wet Chem

Instrument: IC930 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0311-BLK1)				Prepared: 11-Jun-2021 Analyzed: 11-Jun-2021 18:38							
Chloride	ND	0.100	0.100	mg/L							U
Nitrate-N	ND	0.100	0.100	mg/L							U
Sulfate	ND	0.100	0.100	mg/L							U
LCS (BJF0311-BS1)				Prepared: 11-Jun-2021 Analyzed: 11-Jun-2021 19:58							
Chloride	4.67	0.100	0.100	mg/L	5.00		93.4	90-110			
Nitrate-N	4.73	0.100	0.100	mg/L	5.00		94.6	90-110			
Sulfate	4.65	0.100	0.100	mg/L	5.00		92.9	90-110			
Duplicate (BJF0311-DUP1)		**Source: 21F0196-01**		Prepared: 11-Jun-2021 Analyzed: 11-Jun-2021 20:38							
Chloride	0.125	0.100	0.100	mg/L		0.121			3.25	20	
Nitrate-N	ND	0.100	0.100	mg/L		ND					U
Sulfate	3.93	0.100	0.100	mg/L		3.83			2.73	20	
Matrix Spike (BJF0311-MS1)		**Source: 21F0196-01**		Prepared: 11-Jun-2021 Analyzed: 11-Jun-2021 20:58							
Chloride	1.88	0.100	0.100	mg/L	2.00	0.121	87.7	75-125			
Nitrate-N	1.93	0.100	0.100	mg/L	2.00	ND	96.5	75-125			
Sulfate	5.95	0.100	0.100	mg/L	2.00	3.83	106	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0311-MSD1)		**Source: 21F0196-01**		Prepared: 11-Jun-2021 Analyzed: 11-Jun-2021 21:18							
Chloride	1.88	0.100	0.100	mg/L	2.00	0.121	87.9	75-125	0.16	20	
Nitrate-N	1.93	0.100	0.100	mg/L	2.00	ND	96.7	75-125	0.26	20	
Sulfate	5.95	0.100	0.100	mg/L	2.00	3.83	106	75-125	0.00		

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0377 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0377-BLK1)					Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 09:29						
Suspended Solids	ND	1	1	mg/L							U
LCS (BJF0377-BS1)					Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 09:29						
Suspended Solids	49	1	1	mg/L	50.00		98.2	90-110			
Duplicate (BJF0377-DUP1)		**Source: 21F0196-19**			Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 09:29						
Suspended Solids	2	1	1	mg/L		2			9.52	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0393 - No Prep Wet Chem

Instrument: BAL2 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0393-BLK1)					Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 11:20						
Suspended Solids	ND	1	1	mg/L							U
LCS (BJF0393-BS1)					Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 11:20						
Suspended Solids	48	1	1	mg/L	50.00		95.2	90-110			
Duplicate (BJF0393-DUP1)		**Source: 21F0196-22**			Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 11:20						
Suspended Solids	ND	1	1	mg/L		ND					U

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0421 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0421-BLK1)				Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 15:19							
Dissolved Solids	ND	5	5	mg/L							U
LCS (BJF0421-BS1)				Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 15:19							
Dissolved Solids	494	5	5	mg/L	500		98.8	90-110			
Duplicate (BJF0421-DUP1)		**Source: 21F0196-19**		Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 15:19							
Dissolved Solids	33	5	5	mg/L		29			13.10	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0422 - No Prep Wet Chem

Instrument: BAL2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0422-BLK1)					Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 15:54						
Dissolved Solids	ND	5	5	mg/L							U
LCS (BJF0422-BS1)					Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 15:54						
Dissolved Solids	496	5	5	mg/L	500		99.2	90-110			
Duplicate (BJF0422-DUP1)		**Source: 21F0196-22**			Prepared: 15-Jun-2021 Analyzed: 15-Jun-2021 15:54						
Dissolved Solids	27	5	5	mg/L		28			1.83	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0471 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0471-BLK1)					Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 10:36						
Alkalinity, Total	ND	1.00	1.00	mg/L CaCO3							U
Reference (BJF0471-SRM1)					Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 10:36						
Alkalinity, Total	126	1.00	1.00	mg/L CaCO3	127		99.1	85.04-114.96			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0497 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0497-BLK1)					Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 14:05						
Alkalinity, Total	ND	1.00	1.00	mg/L CaCO3							U
Duplicate (BJF0497-DUP1)			**Source: 21F0196-09**		Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 14:05						
Alkalinity, Total	6.31	1.00	1.00	mg/L CaCO3		6.21			1.63	20	
Duplicate (BJF0497-DUP2)			**Source: 21F0196-22**		Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 14:05						
Alkalinity, Total	8.95	1.00	1.00	mg/L CaCO3		8.75			2.30	20	
Reference (BJF0497-SRM1)					Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 14:05						
Alkalinity, Total	127	1.00	1.00	mg/L CaCO3	127		100	85.04-114.96			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0508 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0508-BLK1)					Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 17:09						
Alkalinity, Total	ND	1.00	1.00	mg/L CaCO3							U
Duplicate (BJF0508-DUP1)		**Source: 21F0196-19**			Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 17:09						
Alkalinity, Total	9.46	1.00	1.00	mg/L CaCO3		9.57			1.07	20	
Reference (BJF0508-SRM1)					Prepared: 17-Jun-2021 Analyzed: 17-Jun-2021 17:09						
Alkalinity, Total	127	1.00	1.00	mg/L CaCO3	127		100	85.04-114.96			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0540 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0540-BLK1)				Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 18:55							
Total Organic Carbon	ND	0.50	0.50	mg/L							U
LCS (BJF0540-BS1)				Prepared: 18-Jun-2021 Analyzed: 18-Jun-2021 19:13							
Total Organic Carbon	20.40	0.50	0.50	mg/L	20.00		102	90-110			

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0598 - No Prep Wet Chem

Instrument: IC930 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0598-BLK1)					Prepared: 22-Jun-2021	Analyzed: 22-Jun-2021 17:24					
Chloride	ND	0.100	0.100	mg/L							U
Nitrate-N	ND	0.100	0.100	mg/L							U
Blank (BJF0598-BLK2)					Prepared: 22-Jun-2021	Analyzed: 08-Jul-2021 18:20					
Sulfate	ND	0.100	0.100	mg/L							U
LCS (BJF0598-BS1)					Prepared: 22-Jun-2021	Analyzed: 22-Jun-2021 17:44					
Chloride	4.67	0.100	0.100	mg/L	5.00		93.5	90-110			
Nitrate-N	4.74	0.100	0.100	mg/L	5.00		94.7	90-110			
LCS (BJF0598-BS2)					Prepared: 22-Jun-2021	Analyzed: 08-Jul-2021 18:40					
Sulfate	4.75	0.100	0.100	mg/L	5.00		95.0	90-110			
Duplicate (BJF0598-DUP1)		**Source: 21F0196-09**			Prepared: 22-Jun-2021	Analyzed: 22-Jun-2021 22:04					
Chloride	0.127	0.100	0.100	mg/L		0.129			1.56	20	
Nitrate-N	ND	0.100	0.100	mg/L		ND					H, U
Duplicate (BJF0598-DUP2)		**Source: 21F0196-09RE1**			Prepared: 22-Jun-2021	Analyzed: 08-Jul-2021 23:38					
Sulfate	11.7	0.500	0.500	mg/L		11.7			0.55	20	H, D
Matrix Spike (BJF0598-MS1)		**Source: 21F0196-09**			Prepared: 22-Jun-2021	Analyzed: 22-Jun-2021 22:24					
Chloride	1.88	0.100	0.100	mg/L	2.00	0.129	87.7	75-125			
Nitrate-N	1.95	0.100	0.100	mg/L	2.00	ND	97.6	75-125			H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike (BJF0598-MS2)		**Source: 21F0196-09RE1**			Prepared: 22-Jun-2021	Analyzed: 08-Jul-2021 23:58					
Sulfate	35.5	0.500	0.500	mg/L	25.0	11.7	95.4	75-125			H, D
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0598-MSD1)		**Source: 21F0196-09**			Prepared: 22-Jun-2021	Analyzed: 22-Jun-2021 22:44					
Chloride	1.90	0.100	0.100	mg/L	2.00	0.129	88.5	75-125	0.85	20	
Nitrate-N	1.97	0.100	0.100	mg/L	2.00	ND	98.4	75-125	0.82	20	H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0598-MSD2)		**Source: 21F0196-09RE1**			Prepared: 22-Jun-2021	Analyzed: 09-Jul-2021 00:18					
Sulfate	36.2	0.500	0.500	mg/L	25.0	11.7	98.1	75-125	1.84	20	H, D

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project:	Rio Tinto Holden Mine Reclamation/Remediation
601 Union Street Two Union Square, Suite 600	Project Number:	RT-Holden
Seattle WA, 98101-2341	Project Manager:	Amanda McKay

Reported:
26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0598 - No Prep Wet Chem

Instrument: IC930 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0599 - No Prep Wet Chem

Instrument: IC930 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0599-BLK1)				Prepared: 22-Jun-2021 Analyzed: 22-Jun-2021 18:24							
Chloride	ND	0.100	0.100	mg/L							U
Nitrate-N	ND	0.100	0.100	mg/L							U
Blank (BJF0599-BLK2)				Prepared: 22-Jun-2021 Analyzed: 08-Jul-2021 19:20							
Sulfate	ND	0.100	0.100	mg/L							U
LCS (BJF0599-BS1)				Prepared: 22-Jun-2021 Analyzed: 22-Jun-2021 18:44							
Chloride	4.67	0.100	0.100	mg/L	5.00		93.4	90-110			
Nitrate-N	4.73	0.100	0.100	mg/L	5.00		94.7	90-110			
LCS (BJF0599-BS2)				Prepared: 22-Jun-2021 Analyzed: 08-Jul-2021 19:40							
Sulfate	4.75	0.100	0.100	mg/L	5.00		95.0	90-110			
Duplicate (BJF0599-DUP1)		**Source: 21F0196-19**		Prepared: 22-Jun-2021 Analyzed: 23-Jun-2021 06:05							
Chloride	0.122	0.100	0.100	mg/L		0.121			0.82	20	
Nitrate-N	ND	0.100	0.100	mg/L		ND					H, U
Duplicate (BJF0599-DUP2)		**Source: 21F0196-22**		Prepared: 22-Jun-2021 Analyzed: 23-Jun-2021 07:25							
Chloride	0.123	0.100	0.100	mg/L		0.129			4.76	20	
Nitrate-N	ND	0.100	0.100	mg/L		ND					H, U
Duplicate (BJF0599-DUP3)		**Source: 21F0196-19RE1**		Prepared: 22-Jun-2021 Analyzed: 09-Jul-2021 07:36							
Sulfate	2.80	0.100	0.100	mg/L		2.81			0.21	20	H
Duplicate (BJF0599-DUP4)		**Source: 21F0196-22RE1**		Prepared: 22-Jun-2021 Analyzed: 09-Jul-2021 08:56							
Sulfate	2.61	0.100	0.100	mg/L		2.49			4.67	20	H
Matrix Spike (BJF0599-MS1)		**Source: 21F0196-19RE1**		Prepared: 22-Jun-2021 Analyzed: 23-Jun-2021 06:25							
Chloride	1.85	0.100	0.100	mg/L	2.00	0.121	86.6	75-125			
Nitrate-N	1.92	0.100	0.100	mg/L	2.00	ND	95.9	75-125			H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike (BJF0599-MS2)		**Source: 21F0196-22RE1**		Prepared: 22-Jun-2021 Analyzed: 23-Jun-2021 07:45							
Chloride	1.86	0.100	0.100	mg/L	2.00	0.129	86.5	75-125			
Nitrate-N	1.92	0.100	0.100	mg/L	2.00	ND	96.1	75-125			H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0599 - No Prep Wet Chem

Instrument: IC930 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike (BJF0599-MS3)	**Source: 21F0196-19RE1**			Prepared: 22-Jun-2021	Analyzed: 09-Jul-2021 07:56						
Sulfate	5.05	0.100	0.100	mg/L	2.00	2.81	112	75-125			H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike (BJF0599-MS4)	**Source: 21F0196-22RE1**			Prepared: 22-Jun-2021	Analyzed: 09-Jul-2021 09:17						
Sulfate	4.65	0.100	0.100	mg/L	2.00	2.49	108	75-125			H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0599-MSD1)	**Source: 21F0196-19RE1**			Prepared: 22-Jun-2021	Analyzed: 23-Jun-2021 06:45						
Chloride	1.87	0.100	0.100	mg/L	2.00	0.121	87.3	75-125	0.81	20	
Nitrate-N	1.93	0.100	0.100	mg/L	2.00	ND	96.5	75-125	0.62	20	H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0599-MSD2)	**Source: 21F0196-22RE1**			Prepared: 22-Jun-2021	Analyzed: 23-Jun-2021 08:05						
Chloride	1.84	0.100	0.100	mg/L	2.00	0.129	85.5	75-125	1.03	20	
Nitrate-N	1.92	0.100	0.100	mg/L	2.00	ND	96.2	75-125	0.05	20	H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0599-MSD3)	**Source: 21F0196-19RE1**			Prepared: 22-Jun-2021	Analyzed: 09-Jul-2021 08:16						
Sulfate	4.99	0.100	0.100	mg/L	2.00	2.81	109	75-125	1.20	20	H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0599-MSD4)	**Source: 21F0196-22RE1**			Prepared: 22-Jun-2021	Analyzed: 09-Jul-2021 09:37						
Sulfate	4.66	0.100	0.100	mg/L	2.00	2.49	108	75-125	0.09	20	H
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0656 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0656-BLK1)				Prepared: 23-Jun-2021 Analyzed: 23-Jun-2021 20:16							
Total Organic Carbon	ND	0.50	0.50	mg/L							U
LCS (BJF0656-BS1)				Prepared: 23-Jun-2021 Analyzed: 23-Jun-2021 20:34							
Total Organic Carbon	19.21	0.50	0.50	mg/L	20.00		96.1	90-110			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0658 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0658-BLK1)				Prepared: 23-Jun-2021 Analyzed: 24-Jun-2021 06:48							
Total Organic Carbon	ND	0.50	0.50	mg/L							U
LCS (BJF0658-BS1)				Prepared: 23-Jun-2021 Analyzed: 24-Jun-2021 07:06							
Total Organic Carbon	19.29	0.50	0.50	mg/L	20.00		96.5	90-110			

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0697 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0697-BLK1)				Prepared: 24-Jun-2021 Analyzed: 25-Jun-2021 05:10							
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L							U
LCS (BJF0697-BS1)				Prepared: 24-Jun-2021 Analyzed: 25-Jun-2021 05:28							
Dissolved Organic Carbon, Dissolved	20.89	0.50	0.50	mg/L	20.00		104	90-110			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0737 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0737-BLK1)					Prepared: 25-Jun-2021 Analyzed: 26-Jun-2021 10:12						
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L							U
LCS (BJF0737-BS1)					Prepared: 25-Jun-2021 Analyzed: 26-Jun-2021 10:30						
Dissolved Organic Carbon, Dissolved	19.74	0.50	0.50	mg/L	20.00		98.7	90-110			
Duplicate (BJF0737-DUP1)		**Source: 21F0196-09**			Prepared: 25-Jun-2021 Analyzed: 26-Jun-2021 03:59						
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L		ND					U
Duplicate (BJF0737-DUP2)		**Source: 21F0196-19**			Prepared: 25-Jun-2021 Analyzed: 26-Jun-2021 16:10						
Dissolved Organic Carbon, Dissolved	0.62	0.50	0.50	mg/L		0.63			0.90	20	
Matrix Spike (BJF0737-MS1)		**Source: 21F0196-09**			Prepared: 25-Jun-2021 Analyzed: 26-Jun-2021 04:21						
Dissolved Organic Carbon, Dissolved	19.16	0.50	0.50	mg/L	20.04	ND	95.6	75-125			
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike (BJF0737-MS2)		**Source: 21F0196-19**			Prepared: 25-Jun-2021 Analyzed: 26-Jun-2021 16:29						
Dissolved Organic Carbon, Dissolved	19.53	0.50	0.50	mg/L	20.04	0.63	94.3	75-125			
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0737-MSD1)		**Source: 21F0196-09**			Prepared: 25-Jun-2021 Analyzed: 26-Jun-2021 04:40						
Dissolved Organic Carbon, Dissolved	20.12	0.50	0.50	mg/L	20.04	ND	100	75-125	4.89	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0737-MSD2)		**Source: 21F0196-19**			Prepared: 25-Jun-2021 Analyzed: 26-Jun-2021 16:48						
Dissolved Organic Carbon, Dissolved	19.68	0.50	0.50	mg/L	20.04	0.63	95.1	75-125	0.77	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0738 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0738-BLK1)					Prepared: 25-Jun-2021 Analyzed: 28-Jun-2021 17:41						
Dissolved Organic Carbon, Dissolved	ND	0.50	0.50	mg/L							U
LCS (BJF0738-BS1)					Prepared: 25-Jun-2021 Analyzed: 28-Jun-2021 18:03						
Dissolved Organic Carbon, Dissolved	19.45	0.50	0.50	mg/L	20.00		97.3	90-110			
Duplicate (BJF0738-DUP1)		**Source: 21F0196-22**			Prepared: 25-Jun-2021 Analyzed: 28-Jun-2021 18:42						
Dissolved Organic Carbon, Dissolved	0.59	0.50	0.50	mg/L		0.62			5.21	20	
Matrix Spike (BJF0738-MS1)		**Source: 21F0196-22**			Prepared: 25-Jun-2021 Analyzed: 28-Jun-2021 19:04						
Dissolved Organic Carbon, Dissolved	18.87	0.50	0.50	mg/L	20.04	0.62	91.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BJF0738-MSD1)		**Source: 21F0196-22**			Prepared: 25-Jun-2021 Analyzed: 28-Jun-2021 19:22						
Dissolved Organic Carbon, Dissolved	19.16	0.50	0.50	mg/L	20.04	0.62	92.5	75-125	1.53	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Wet Chemistry - Quality Control

Batch BJF0759 - No Prep Wet Chem

Instrument: TOC-LCSH Analyst: RMS

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJF0759-BLK1)					Prepared: 28-Jun-2021 Analyzed: 28-Jun-2021 21:38						
Total Organic Carbon	ND	0.50	0.50	mg/L							U
LCS (BJF0759-BS1)					Prepared: 28-Jun-2021 Analyzed: 28-Jun-2021 21:56						
Total Organic Carbon	20.00	0.50	0.50	mg/L	20.00		100	90-110			
Duplicate (BJF0759-DUP1)		**Source: 21F0196-19**			Prepared: 28-Jun-2021 Analyzed: 28-Jun-2021 22:40						
Total Organic Carbon	0.63	0.50	0.50	mg/L		0.65			2.48	20	
Duplicate (BJF0759-DUP2)		**Source: 21F0196-22**			Prepared: 28-Jun-2021 Analyzed: 29-Jun-2021 00:04						
Total Organic Carbon	0.53	0.50	0.50	mg/L		0.58			8.69	20	
Matrix Spike (BJF0759-MS1)		**Source: 21F0196-19**			Prepared: 28-Jun-2021 Analyzed: 28-Jun-2021 23:02						
Total Organic Carbon	18.80	0.50	0.50	mg/L	20.04	0.65	90.6	75-125			
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike (BJF0759-MS2)		**Source: 21F0196-22**			Prepared: 28-Jun-2021 Analyzed: 29-Jun-2021 00:27						
Total Organic Carbon	18.95	0.50	0.50	mg/L	20.04	0.58	91.7	75-125			
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0759-MSD1)		**Source: 21F0196-19**			Prepared: 28-Jun-2021 Analyzed: 28-Jun-2021 23:20						
Total Organic Carbon	19.13	0.50	0.50	mg/L	20.04	0.65	92.2	75-125	1.74	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BJF0759-MSD2)		**Source: 21F0196-22**			Prepared: 28-Jun-2021 Analyzed: 29-Jun-2021 01:25						
Total Organic Carbon	19.19	0.50	0.50	mg/L	20.04	0.58	92.9	75-125	1.26	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Certified Analyses included in this Report

Analyte	Certifications

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Floyd - Snider	Project: Rio Tinto Holden Mine Reclamation/Remediation	
601 Union Street Two Union Square, Suite 600	Project Number: RT-Holden	**Reported:**
Seattle WA, 98101-2341	Project Manager: Amanda McKay	26-Jul-2021 19:03

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL)
H	Hold time violation - Hold time was exceeded.
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix E
Contaminants of Concern Results
Summary Table

DRAFT

Table E.1
Summary of COC Metals in Water, June 2019 to June 2021

		COC Metals (µg/L)[1]					
Analyte		Aluminum	Cadmium	Copper	Iron	Lead	Zinc
Drinking-Water Based Criteria[2]		16,000	5.00	592	--	15.0	4,800
Surface Water-Based Criteria[3]		142	0.050	1.45	1,000	0.169	13.6
Location Name	Sample Date						
Surface Water							
RC-6[4]	6/13/2019	70.2	0.0208	0.774	86.3	0.108	2.41 JQ
	10/1/2019	17.8 JQ	0.0150 JQ	0.362 JQ	56.8	0.100 U	3.36 JQ
	6/6/2020	88.4	0.0212	1.11	98.8	0.113	2.23 JQ
	9/27/2020	90.2	0.0198 JQ	0.868	176	0.133	2.62 JQ
	6/5/2021	**207**	**0.137**	**1.51**	263	**0.238**	6.00 U
RC-1[4]	6/13/2019	73.3	0.0230	0.874	86.2	0.122	2.52 JQ
	10/1/2019	16.8 JQ	0.0166 JQ	0.356 JQ	56.0	0.100 U	3.33 JQ
	6/5/2020	80.5	0.0198 JQ	0.981	98.5	0.113	2.25 JQ
	9/26/2020	82.4	0.0172 JQ	0.849	162	0.120	2.88 JQ
	6/5/2021*	18.9 JQ	0.0194 JQ	0.636	21.5 JQ	0.100 U	6.00 U
RC-4	6/14/2019*	10.1 JQ	0.0228	0.795	11.2 JQ	0.100 U	2.99 JQ
	10/1/2019	15.1 JQ	0.0238	0.597	48.4	0.0880 JQ	4.10
	6/8/2020	72.4	0.0386	**2.41**	95.0	0.0920 JQ	4.08
	9/26/2020	86.7	0.0254	1.04	170	0.120	2.88 JQ
	6/5/2021*	27.3	0.0338	**2.19**	27.3 JQ	0.100 U	6.00 U
RC-16	6/15/2019	15.1 JQ	0.0200 U	0.500 U	16.8 JQ	0.100 U	1.93 JQ
	10/1/2019	50.8	0.0242	0.933	81.0	0.100 U	4.60
	6/8/2020	39.5	0.0102 JQ	0.714	58.5	0.100 U	1.59 JQ
	9/26/2020	58.8	0.0156 JQ	0.649	98.2	0.100 U	2.35 JQ
	6/5/2021	102	0.00640 JQ	0.507	117	0.100 U	6.00 U
RC-7	6/14/2019*	8.96 JQ	0.0180 JQ	0.737	11.2 JQ	0.100 U	3.43 JQ
	10/2/2019	18.8 JQ	0.0356	0.644	52.8	0.100 U	6.93
	6/11/2020	59.6	0.0328	1.80	82.4	0.0790 JQ	4.76
	9/26/2020	84.3	0.0288	1.02	162	0.114	5.10
	6/5/2021	**178**	0.0410	**2.90**	228	0.181	4.12 JQ
RC-24	6/7/2020	64.9	0.0400	**2.12**	115	0.092 JQ	4.86
	9/27/2020	93.1	0.0316	1.16	196	0.115	5.84
	6/7/2021*	37.0	0.0426	**2.20**	45.8	0.100 U	4.29 JQ
RC-2 (SG-7)	6/10/2019	40.0	0.0364	1.47	90.0	0.100 U	16.2
	10/2/2019	18.4 JQ	0.0322	0.652	67.0	0.100 U	7.09
	6/7/2020	79.2	0.0390	**2.11**	105	0.114	4.51
	9/22/2020	21.1	0.0390	0.614	68.8	0.100 U	5.63
	6/7/2021	97.0	0.0416	**2.93**	121	0.109	5.15 JQ
RC-13 (SG-8)	6/10/2019	40.6	0.0414	1.47	96.3	0.100 U	6.61
	10/3/2019	16.4 JQ	0.0384	0.596	65.8	0.0800 JQ	6.88
	6/6/2020	92.7	0.0434	**3.63**	121	0.117	5.75
	9/26/2020	90.4	0.0340	1.12	178	0.117	5.34
	6/7/2021	85.7	0.0400	**2.60**	122	0.0950 JQ	5.24 JQ
SG-9	6/8/2019	47.9	0.0834	1.50 J	98.0	0.100 U	8.55 J
	10/3/2019	16.8 JQ	0.102	0.998	58.5	0.100 U	12.9
	6/7/2020	62.1	0.0400	1.95	98.7	0.0840 JQ	5.18
	9/27/2020	72.8	0.0398	1.03	161	0.101	6.98
	6/6/2021	141	0.0506	**2.90**	197	0.134	5.84 JQ
SG-10	6/8/2019	59.8	0.0550	1.73	111	0.100 U	8.19
	10/3/2019	33.6	0.0544	0.738	65.4	0.100 U	9.62
	6/7/2020	84.0	0.0628	2.27	112	0.0860 JQ	7.82
	9/27/2020	82.8	0.0488	1.05	159	0.0960 JQ	6.99
	6/5/2021	**947**	**0.997**	**7.49**	186	0.146	**81.4**
SG-11	6/9/2019	54.2	0.0750	1.51	96.4	0.100 U	8.60
	10/3/2019	37.7	0.0666	0.730	65.0	0.100 U	9.92
	6/6/2020	72.5	0.0480	**2.69**	93.6	0.151	7.05
	9/27/2020	81.3	0.0472	1.10	160	0.0940 JQ	6.74
	6/6/2021	**172**	0.0470	**2.99**	230	0.145	5.48 JQ
RC-5A	6/15/2019	66.7	0.0394	1.35	100	0.0710 JQ	5.70
	10/3/2019	36.2	0.0622	0.717	63.4	0.100 U	9.82
	6/6/2020	79.6	0.0458	**2.32**	101	0.255	7.04
	9/23/2020	48.9	0.0602	0.933	104	0.100 U	9.65
	6/5/2021	**232**	**0.221**	**2.97**	226	0.237	5.12 JQ
SG-12R	10/3/2019	32.8	0.0598	0.717	62.7	0.100 U	9.03
	9/26/2020	78.1	0.0378	1.06	164	0.100	7.10
SG-13	6/11/2019	46.0	0.0436	1.38	90.7	0.100 U	6.79
	10/3/2019	35.6	0.0556	0.738	62.2	0.100 U	9.78
	6/8/2020	60.6	0.0396	1.77	109	0.0710 JQ	5.64
	9/26/2020	81.4	0.0432	1.18	159	0.106	7.02
	6/7/2021	109	0.0446	**3.02**	257	0.109	5.81 JQ
RC-10 (SG-20)	10/2/2019	28.4	0.0476	0.608	51.2	0.100 U	8.87
	9/26/2020	64.3	0.0372	1.02	136	0.0910 JQ	5.41
RC-15E	10/3/2019	22.0	0.0450	0.589	39.2	0.100 U	8.24
	9/26/2020	61.5	0.0368	1.04	123	0.0830 JQ	5.25

Table E.1
Summary of COC Metals in Water, June 2019 to June 2021

		COC Metals (µg/L)[1]					
Analyte		Aluminum	Cadmium	Copper	Iron	Lead	Zinc
Drinking-Water Based Criteria[2]		16,000	5.00	592	--	15.0	4,800
Surface Water-Based Criteria[3]		142	0.050	1.45	1,000	0.169	13.6
Location Name	Sample Date						
Monitoring Wells							
US-1S[4]	6/6/2019	4.99 JQ	0.0204	0.500 U	20.0 U	0.100 U	1.57 JQ
	10/7/2019	6.12 JQ	0.0350	0.500 U	11.3 JQ	0.100 U	3.64 JQ
	6/6/2020	3.23 JQ	0.0216	0.386 JQ	20.0 U	0.100 U	0.878 JQ
	9/26/2020	5.52 JQ	0.0290	0.500 U	20.0 U	0.100 U	1.07 JQ
	6/4/2021	5.27 JQ	0.0730 JQ	0.377 JQ	36.0 U	0.100 U	6.00 U
US-1I[4]	6/6/2019	3.32 JQ	0.0266	0.500 U	20.0 U	0.100 U	1.45 JQ
	10/7/2019	3.94 JQ	0.0260	0.500 U	20.0 U	0.100 U	2.96 JQ
	6/6/2020	20.0 U	0.0360	0.500 U	20.0 U	0.100 U	0.911 JQ
	9/26/2020	2.85 JQ	0.0236	0.500 U	20.0 U	0.100 U	1.28 JQ
	6/4/2021	3.24 JQ	0.146	0.224 JQ	36.0 U	0.100 U	6.00 U
US-1D[4]	6/6/2019	9.46 JQ	0.0444	0.500 U	15.3 JQ	0.100 U	2.00 JQ
	10/7/2019	7.27 JQ	0.0324	0.500 U	12.3 JQ	0.100 U	2.15 JQ
	6/6/2020	20.0 U	0.0342	0.500 U	20.0 U	0.100 U	0.953 JQ
	9/26/2020	2.47 JQ	0.0330	0.500 U	6.33 JQ	0.100 U	1.33 JQ
	6/4/2021	3.10 JQ	0.156	0.500 U	36.0 U	0.100 U	6.00 U
HBKG-2[4]	6/6/2019	2.54 JQ	0.0192 JQ	0.500 U	20.0 U	0.100 U	1.37 JQ
	10/7/2019	20.0 U	0.0104 JQ	0.500 U	20.0 U	0.100 U	2.11 JQ
	6/13/2020	20.0 U	0.0150 JQ	0.500 U	20.0 U	0.100 U	1.73 JQ
	9/26/2020	20.0 U	0.0124 JQ	0.500 U	6.92 JQ	0.100 U	1.11 JQ
	6/4/2021	3.35 JQ	0.0460 JQ	0.276 JQ	36.0 U	0.100 U	6.00 U
HV-3[4]	6/7/2019*	20.0 U	0.0122 JQ	0.500 U	20.0 U	0.100 U	1.77 JQ
	10/9/2019	5.83 JQ	0.0134 JQ	0.500 U	20.0 U	0.100 U	1.52 JQ
	6/7/2020	20.0 U	0.0124 JQ	0.500 U	20.0 U	0.100 U	2.05 JQ
	9/24/2020	4.42 JQ	0.0080 JQ	0.500 U	10.8 JQ	0.100 U	1.06 JQ
	6/6/2021	6.10 JQ	0.500 U	0.178 JQ	36.0 U	0.100 U	6.00 U
NRC-5D[4]	6/7/2019	14.7 JQ	0.0126 JQ	0.500 U	17.2 JQ	0.100 U	1.80 JQ
MW-3	6/6/2019	31.9 JQ	1.94	36.3	40.0 U	0.476	324
	10/9/2019	16.5 JQ	1.50	23.9	20.0 U	0.100 U	191
	6/7/2020	26.3	2.30	41.2	20.0 U	0.100 U	438
	9/24/2020	13.0 JQ	0.956	14.5	8.62 JQ	0.100 U	136
	6/4/2021	26.7	2.51	38.5	72.0 U	0.100 U	494
MW-2	6/6/2019	5.65 JQ	0.487	7.38	20.0 U	0.100 U	56.4
	10/9/2019	4.49 JQ	0.724	9.11	20.0 U	0.100 U	92.4
	6/7/2020	5.67 JQ	0.546	9.40	20.0 U	0.100 U	69.3
	9/24/2020	18.8 JQ	0.560	7.87	32.2	0.100 U	74.7
	6/3/2021	11.6 JQ	0.410	7.93	36.0 U	0.100 U	54.5
MW-1	6/7/2019	18.0 JQ	0.268	1.29	7.95 JQ	0.100 U	57.5
	10/9/2019	7.09 JQ	0.545	0.803	20.0 U	0.100 U	90.6
	6/7/2020	17.5 JQ	0.366	1.77	20.0 U	0.100 U	73.2
	9/24/2020	8.76 JQ	0.446	0.968	20.0 U	0.100 U	74.0
	6/3/2021	40.6	0.305	3.21	19.5 JQ	0.100 U	61.9
TP2-12S	6/7/2019	94.2 JQ	0.152	0.559	26,300	0.100 U	1,730
	6/8/2020	9.25 JQ	0.130	0.994	19,500	0.100 U	363
	6/5/2021	10.5 JQ	0.149	0.500	9,360	0.100 U	138
TP2-12D	6/7/2019*	1,280	2.18	19.9	4,960	0.100 U	122
	10/8/2019	603	1.28	10.9	14,100	0.100 U	135
	6/8/2020	1,100	0.93	56.8	48.4	0.100 U	95.7
	9/25/2020	895	1.91	15.4	6,690	0.100 U	137
	6/5/2021	737	0.675	15.6	25.5 JQ	0.100 U	82.4
TP2-14	6/8/2019	558	1.13	17.4	32.7	0.100 U	122
	6/8/2020	571	1.19	19.3	14.3 JQ	0.100 U	138
	6/6/2021	616	0.975	18.6	30.6 JQ	0.100 U	118
TP2-15	6/7/2019*	4.61 JQ	0.128	1.02	11.8 JQ	0.100 U	9.48
	10/8/2019	7.54 JQ	0.0200 U	0.500 U	1,980	0.100 U	2.76 JQ
	6/8/2020	5.84 JQ	0.183	1.67	36.4	0.100 U	13.8
	9/25/2020	200 U	0.0400 U	0.500 U	1,280	0.100 U	2.47 JQ
	6/5/2021	9.14 JQ	0.170	1.87	244	0.100 U	15.6
TP2-16D	6/8/2019	735	1.91	14.4	25.9	0.0890 JQ	160
	6/11/2020	389	1.08	9.04	39.6	0.100 U	105
	6/5/2021	266	0.786	5.01	36.0 U	0.100 U	84.1
TP2-13D	6/7/2019*	100 U	0.0200 U	0.500 U	2,040	0.100 U	1.68 JQ
	10/8/2019	7.74 JQ	0.0400 U	0.500 U	2,890	0.100 U	2.27 JQ
	6/11/2020	6.51 JQ	0.0200 U	0.500 U	2,990	0.100 U	1.45 JQ
	9/25/2020	200 U	0.0400 U	0.500 U	2,810	0.100 U	1.61 JQ
	6/7/2021	6.18 JQ	0.0200 U	0.500 U	2,570	0.100 U	6.00 U
DS-15S	6/18/2019*	1,630	2.28	0.442 JQ	153,000	0.100 U	1,330
	10/8/2019	57.6 JQ	0.195	0.826	59,500	0.100 U	129
	6/8/2020	21.6	0.124	0.747	38,500	0.100 U	48.9
	9/23/2020	30.5 JQ	0.154	0.603	39,500	0.100 U	43.3
	6/4/2021	13.7 JQ	0.158	0.755	30,700	0.100 U	30.1

Table E.1
Summary of COC Metals in Water, June 2019 to June 2021

		COC Metals (µg/L)[1]					
Analyte		Aluminum	Cadmium	Copper	Iron	Lead	Zinc
Drinking-Water Based Criteria[2]		16,000	5.00	592	--	15.0	4,800
Surface Water-Based Criteria[3]		142	0.050	1.45	1,000	0.169	13.6
Location Name	Sample Date						
Monitoring Wells (cont.)							
DS-15I	6/19/2019	87.2	0.0190 JQ	0.479 JQ	127	0.100 U	2.01 JQ
	10/8/2019	6.92 JQ	0.131	0.500 U	27.8	0.100 U	2.38 JQ
	6/8/2020	9.40 JQ	0.0312	0.500 U	22.6	0.100 U	0.842 JQ
	9/23/2020	3.42 JQ	0.169	0.500 U	20.0 U	0.100 U	2.39 JQ
	6/4/2021	5.90 JQ	0.0470 JQ	0.201 JQ	36.0 U	0.100 U	6.00 U
TP2-17	6/8/2019	3,980	0.733	18.4	24.1	0.100 U	83.3
	6/15/2020	2,920	0.681	17.4	84.1	0.100 U	80.0
	6/6/2021	3,920	0.767	19.0	85.4	0.100 U	87.0
DS-16S	6/19/2019*	344	**5.14**	21.1	35.8	0.100 U	504
	10/8/2019	27.9	0.429	2.02	116	0.100 U	27.9
	6/8/2020	69.2	3.47	5.98	76.6	0.100 U	232
	9/23/2020	15.9 JQ	0.312	0.771	205	0.100 U	20.3
	6/4/2021	103	**20.3**	16.5	4,960	0.100 U	2,000
DS-16I	6/19/2019	85.3	0.480	0.688	165	0.100 U	32.9
	10/8/2019	16.7 JQ	0.338	0.812	13.1 JQ	0.100 U	41.9
	6/8/2020	5.08 JQ	0.334	1.01	20.0 U	0.100 U	44.9
	9/23/2020	13.1 JQ	0.444	1.25	18.2 JQ	0.100 U	55.1
	6/4/2021	8.82 JQ	0.411	1.28	36.0 U	0.100 U	47.0
DS-16D	6/19/2019*	7.61 JQ	0.0090 JQ	0.500 U	87.9	0.100 U	1.88 JQ
	10/8/2019*	7.39 JQ	0.0068 JQ	0.500 U	12.1 JQ	0.100 U	1.96 JQ
	6/8/2020	48.2	0.0082 JQ	0.500 U	42.0	0.100 U	0.857 JQ
	9/23/2020	11.0 JQ	0.0200 U	0.500 U	37.1	0.100 U	1.64 JQ
	6/4/2021	27.7	0.0650 JQ	0.404 JQ	32.9 JQ	0.100 U	6.00 U
TP3-13	6/10/2019	3,680	2.99	17.6	2,690	0.142	502
	10/8/2019	5,780	1.85	41.4	221,000	0.205	363
	6/10/2020	4,720	3.22	16.0	370	0.121	560
	9/25/2020	7,500	3.12	38.6	239,000	0.195	562
	6/7/2021	5,830	3.80	18.0	217	0.284	707
TP3-14S	6/10/2019*	100 U	0.242	1.15	70,300	0.0880 JQ	67.9
	6/15/2020*	14.1 JQ	0.526	0.513	118,000	0.100 U	189
	6/6/2021*	121	1.44	0.722 JQ	338,000	0.200 U	3,960
TP3-14D	6/10/2019	4,760	4.66	123	100 U	0.100 U	474
	10/8/2019	6,580	**10.1**	162	1,860	0.100 U	1,180
	6/10/2020	3,540	3.33	95.7	15.1 JQ	0.200 U	355
	9/25/2020	3,430	**7.69**	132	209	0.100 U	778
	6/6/2021	6,730	3.70	134	180 U	0.100 U	443
DS-17S	6/20/2019	5,280	2.90	35.8	124	0.100 U	362
	10/8/2019	609	0.936	12.6	13.6 JQ	0.100 U	109
	6/8/2020	10,500	4.63	63.2	591	0.100 U	667
	9/23/2020	388	0.457	9.13	12.0 JQ	0.100 U	55.4
	6/4/2021	12,900	**7.10**	92.9	88,300	0.100 U	997
DS-17I	6/20/2019	5,220	**6.97**	57.2	10,900	0.100 U	802
	10/8/2019	1,690	2.35	26.3	52.4	0.0870 JQ	283
	6/8/2020	7,200	**9.70**	101	68,500	0.274	1,200
	9/23/2020	1,300	1.82	21.6	12.9 JQ	0.100 U	197
	6/4/2021	6,340	**7.96**	113	82,900	0.293	1,210
TP3-12S	6/13/2019*	3.74 JQ	0.0410 JQ	0.500 U	50,100	0.100 U	13.8
	10/8/2019	39.6 JQ	0.620	2.50 U	5,000	0.395	70.0
	6/10/2020	3.76 JQ	0.143	0.379 JQ	22,800	0.100 U	32.3
	6/7/2021	21.7 JQ	0.156	0.556 JQ	87,300	0.100 U	61.7
TP3-12D	6/13/2019	1,290	**5.99**	179	56.4	0.100 U	824
	10/8/2019	1,010	**9.14**	97.8	620	0.100 U	1,290
	6/10/2020	651	2.71	73.6	40.0 U	0.100 U	394
	9/24/2020	873	**5.49**	70.9	12.3 JQ	0.100 U	761
	6/7/2021	1,850	4.06	149	180 U	0.100 U	640
DS-18S	6/22/2019*	136	0.135	3.09	209	0.100 U	13.7
	10/8/2019	82.6	0.101	2.11	28.9	0.100 U	8.34
	6/8/2020	65.5	0.110	1.45	63.2	0.100 U	6.21
	9/23/2020	47.9	0.0306	0.471 JQ	45.9	0.100 U	2.14 JQ
	6/4/2021	1,470	1.44	11.2	14,000	0.100 U	156
DS-18I	6/22/2019*	5,740	1.92	38.7	4,390	0.100 U	230
	10/8/2019	1,800	0.555	22.4	22.0	0.100 U	86.2
	6/8/2020	7,970	3.10	69.7	22,900	0.109	393
	9/23/2020	1,920	0.632	23.3	21.5	0.100 U	84.2
	6/4/2021	9,060	3.44	107	51,000	0.138	596
DS-18D	6/22/2019*	4.76 JQ	0.183	0.500 U	620	0.100 U	3.13 JQ
	10/8/2019	65.2 JQ	0.00900 JQ	0.394 JQ	277	0.112	2.85 JQ
	6/12/2020	10.5 JQ	0.0396	0.500 U	75.9	0.100 U	1.39 JQ
	9/23/2020	5.71 JQ	0.0252	0.500 U	70.1	0.100 U	1.11 JQ
	6/4/2021	6.01 JQ	0.184	0.500 U	180 U	0.100 U	6.00 U

Table E.1
Summary of COC Metals in Water, June 2019 to June 2021

		COC Metals (µg/L)[1]					
Analyte		Aluminum	Cadmium	Copper	Iron	Lead	Zinc
Drinking-Water Based Criteria[2]		16,000	5.00	592	--	15.0	4,800
Surface Water-Based Criteria[3]		142	0.050	1.45	1,000	0.169	13.6
Location Name	Sample Date						
Monitoring Wells (cont.)							
DS-13S	6/12/2019*	5,920	4.03	47.4	21,200	0.128	483
	10/7/2019	4,890	1.72	54.4	45.0	0.0920 JQ	302
	6/10/2020	3,770	2.40	32.7	11,600	0.130	293
	9/25/2020	6,080	1.82	44.8	3,330	0.119	351
	6/4/2021	2,840	2.21	27.5	6,780	0.0800 JQ	193
DS-13I	6/12/2019	60.4	1.23	3.29	27.6	0.100 U	113
	10/7/2019	2,230	3.44	20.2	36.0 JQ	0.100 U	422
	6/10/2020	2,090	2.82	26.7	12.2 JQ	0.100 U	281
	9/25/2020	3,710	3.56	40.3	9,290	0.100 U	455
	6/4/2021	1,160	2.72	14.1	360 U	0.100 U	217
DS-13D	6/12/2019*	20.0 U	0.240	0.500 U	20.0 U	0.100 U	2.74 JQ
	10/8/2019	2.72 JQ	0.240	0.500 U	20.0 U	0.100 U	2.33 JQ
	6/10/2020	3.28 JQ	0.248	0.500 U	20.0 U	0.100 U	2.20 JQ
	9/25/2020	4.88 JQ	0.206	0.500 U	10.2 JQ	0.100 U	2.26 JQ
	6/4/2021	3.21 JQ	0.178	0.500 U	36.0 U	0.100 U	6.00 U
DS-12S	6/12/2019*	2,090	**9.94**	39.8	166	0.100 U	682
	10/7/2019	2,500	**8.43**	49.5	21,300	0.0830 JQ	922
	6/10/2020	1,550	**6.52**	30.5	13.3 JQ	0.100 U	422
	9/25/2020	2,050	**6.12**	45.0	16,900	0.0760 JQ	648
	6/4/2021	1,730	**7.45**	35.7	72.0 U	0.0560 JQ	555
DS-12I	6/13/2019	128	4.47	2.05	13.6 JQ	0.100 U	61.1
	10/7/2019	295	**5.46**	1.87	335	0.100 U	60.0
	6/10/2020	120	4.37	0.841	20.0 U	0.100 U	25.8
	9/25/2020	246	3.75	1.38	148	0.100 U	44.7
	6/4/2021	73.7	2.26	0.599	180 U	0.100 U	17.1
DS-12D	6/12/2019*	3.06 JQ	1.42	0.500 U	20.0 U	0.100 U	3.74 JQ
	10/7/2019	5.52 JQ	1.79	0.500 U	9.56 JQ	0.217	3.36 JQ
	6/10/2020	3.42 JQ	1.14	0.500 U	6.67 JQ	0.100 U	2.50 JQ
	9/25/2020	100 U	1.46	0.500 U	54.7	0.100 U	3.79 JQ
	6/4/2021	3.33 JQ	0.682	0.500 U	36.0 U	0.100 U	6.00 U
NRC-3SR	6/7/2019	5.34 JQ	0.0828	0.391 JQ	9.54 JQ	0.100 U	76.8
	10/7/2019	16.8 JQ	0.0296	0.500 U	10.7 JQ	0.100 U	4.13
	6/8/2020	9.83 JQ	0.0722	0.426 JQ	8.97 JQ	0.100 U	56.2
	9/22/2020	622	0.118	1.70	366	0.100 U	23.3
	6/3/2021	3.97 JQ	0.317	0.26 JQ	36.0 U	0.100 U	10.4
NRC-3IR	6/7/2019	6,590	4.18	35.6	31,600	0.173	604
	10/7/2019	2,880	2.21	19.4	14,000	0.111	355
	6/8/2020	6,170	3.24	28.2	20,900	0.135	450
	9/22/2020	2,930	2.14	18.8	13,100	0.100 U	307
	6/3/2021	3,920	2.29	21.8	10,900	0.130	323
NRC-3DR	6/8/2019	90.1 JQ	0.344	0.729	81.4	0.100 U	3.42 JQ
	10/8/2019*	3.62 JQ	0.0454	0.384 JQ	14.2 JQ	0.100 U	3.03 JQ
	6/7/2020*	151	0.0540	2.12	158	0.111	2.27 JQ
	9/22/2020	51.4	0.0324	0.429 JQ	55.0	0.100 U	2.52 JQ
	6/3/2021	66.6	0.3760	0.877	83.7	0.100 U	6.00 U
DS-3S	6/12/2019	3.75 JQ	0.0772	0.500 U	6.66 JQ	0.100 U	5.74
	10/7/2019	3.15 JQ	0.122	0.500 U	20.0 U	0.100 U	7.60
	6/6/2020	3.50 JQ	0.0592	0.500 U	20.0 U	0.100 U	4.57
	9/23/2020	5.16 JQ	0.0934	0.500 U	20.0 U	0.100 U	10.3
	6/9/2021	4.23 JQ	0.0570	0.306 JQ	36.0 U	0.100 U	3.78 JQ
DS-3D	6/12/2019*	7.62 JQ	0.0718	0.500 U	20.0 U	0.100 U	7.42
	10/7/2019	191	0.331	0.667	20.0 U	0.100 U	39.3
	6/6/2020	8.45 JQ	0.0574	0.941	20.0 U	0.100 U	5.26
	9/23/2020	21.9	0.160	0.500 U	7.62 JQ	0.100 U	13.5
	6/9/2021	22.2	0.0608	0.221 JQ	36.0 U	0.100 U	4.86 JQ
DS-4S	6/11/2019	3.45 JQ	0.102	0.500 U	20.0 U	0.100 U	8.63
	10/9/2019	2.62 JQ	0.140	0.500 U	20.0 U	0.100 U	11.8
	6/6/2020	4.46 JQ	0.0724	0.357 JQ	20.0 U	0.100 U	9.21
	9/23/2020	4.19 JQ	0.115	0.500 U	6.72 JQ	0.100 U	11.2
	6/9/2021	4.40 JQ	0.0674	0.318 JQ	36.0 U	0.100 U	5.76 JQ
DS-4I	6/12/2019	3,300	0.102	2.04	12,300	0.100 U	335
	10/7/2019*	5,560	2.53	33.6	25,300	0.100 U	459
	6/6/2020	7,340	2.90	43.6	11,000	0.0930 JQ	422
	9/23/2020	6,100	2.50	35.0	23,200	0.0990 JQ	422
	6/9/2021*	6,720	2.60	31.9	19,800	0.0860 JQ	444
DS-4D	6/11/2019	132	0.0822	0.365 JQ	60.0	0.100 U	12.2
	10/9/2019	116	0.388	0.442 JQ	20.0 U	0.100 U	32.5
	6/6/2020	26.1	0.186	0.500 U	20.0 U	0.100 U	19.0
	9/23/2020	66.8	0.249	0.500 U	8.06 JQ	0.100 U	24.5
	6/9/2021	14.5 JQ	0.120	0.500 U	36.0 U	0.100 U	10.7

Table E.1
Summary of COC Metals in Water, June 2019 to June 2021

		COC Metals (µg/L)[1]					
Analyte		**Aluminum**	**Cadmium**	**Copper**	**Iron**	**Lead**	**Zinc**
Drinking-Water Based Criteria[2]		**16,000**	**5.00**	**592**	**--**	**15.0**	**4,800**
Surface Water-Based Criteria[3]		**142**	**0.050**	**1.45**	**1,000**	**0.169**	**13.6**
Location Name	**Sample Date**						
Monitoring Wells (cont.)							
DS-4DD	6/12/2019*	2.96 JQ	0.146	0.500 U	9.13 JQ	0.100 U	2.42 JQ
	10/9/2019*	7.09 JQ	0.170	0.500 U	8.13 JQ	0.100 U	2.70 JQ
	6/6/2020	31.2	0.173	0.500 U	24.6	0.100 U	1.91 JQ
	9/26/2020	16.3 JQ	0.164	0.369 JQ	14.5 JQ	0.100 U	1.82 JQ
	6/9/2021	15.3 JQ	0.158	0.193 JQ	18.7 JQ	0.100 U	6.00 U
DS-5	9/22/2020*	4.54 JQ	0.0226	0.500 U	8.99 JQ	0.100 U	3.78 JQ
	6/10/2021	7.54 JQ	0.0134 JQ	0.319 JQ	36.0 U	0.100 U	6.00 U
DS-9S	6/7/2019	11.1 JQ	0.0840	0.500 U	6.57 JQ	0.100 U	9.54
	10/9/2019	12.4 JQ	0.170	0.500 U	20.0 U	0.100 U	12.2
	6/7/2020	10.8 JQ	0.107	0.500 U	20.0 U	0.100 U	10.7
	9/23/2020	11.3 JQ	0.133	0.500 U	20.0 U	0.100 U	10.2
	6/6/2021	12.4 JQ	0.131	0.500 U	36.0 U	0.100 U	9.48
DS-9I	6/7/2019	5,050	1.92	15.5	12,900	0.100	377
	10/9/2019	7,280	3.35	28.6	27,400	0.136	537
	6/7/2020	4,420	2.25	14.7	11,400	0.102	293
	9/23/2020	6,020	2.77	25.9	20,400	0.117	433
	6/6/2021	4,810	2.29	16.7	18,000	0.109	373
DS-9D	6/7/2019	40.0 U	0.101	0.500 U	20.0 U	0.100 U	5.65
	10/9/2019	20.0 U	0.136	0.500 U	7.70 JQ	0.100 U	2.72 JQ
	6/7/2020	20.0 U	0.133	0.500 U	17.4 JQ	0.100 U	3.05 JQ
	9/23/2020	3.06 JQ	0.0678	0.500 U	15.3 JQ	0.100 U	6.02
	6/6/2021	3.90 JQ	0.154	0.740	36.0 U	0.100 U	6.00 U
Well Points							
SG-7R-WP	10/6/2019*	4.06 JQ	0.0154 JQ	0.500 U	20.7	0.100 U	2.60 JQ
	6/7/2020*	54.9	0.0230	0.484 JQ	23.4	0.100 U	2.04 JQ
	9/22/2020*	**196**	0.0184 JQ	0.749	60.7	0.100 U	2.42 JQ
	6/4/2021	46.8	0.0900 JQ	0.386 JQ	23.0 JQ	0.100 U	6.00 U
SG-8-WP	6/10/2019	106	0.0330	0.777	338	0.113	5.10
	10/6/2019	40.6	0.0086 JQ	0.373 JQ	544	0.101	5.01
	6/6/2020	17.7 JQ	0.0068 JQ	0.367 JQ	362	0.100 U	2.32 JQ
	9/26/2020	34.6	0.0200 U	0.351 JQ	358	0.0760 JQ	2.40 JQ
	6/7/2021	84.6	0.0346	0.463 JQ	260	0.0910 JQ	6.00 U
SG-9-WP	6/8/2019	19.5 JQ	0.324	2.22	9.18 JQ	0.100 U	27.2
	10/6/2019	13.3 JQ	**0.395**	2.82	20.0 U	0.100 U	35.2
	6/7/2020	16.3 JQ	**0.328**	**2.52**	20.0 U	0.100 U	**33.5**
	9/26/2020	27.7	**0.325**	2.84	91.7	0.100 U	**31.2**
	6/6/2021	29.0	**0.692**	**3.62**	36.0 U	0.100 U	**50.6**
DS-14	6/15/2019*	9.81 JQ	0.0734	0.500 U	676	0.100 U	8.50
	10/12/2019	131	0.132	0.852	400	0.0990 JQ	16.8
	6/7/2020*	**356**	**0.236**	1.88	**1,200**	0.250	**24.6**
	9/25/2020	50.5	0.166	0.520	132	0.100 U	20.5
	6/6/2021*	27.3	**0.222**	0.604	36.0 U	0.100 U	**23.4**
SG-17-WP	6/15/2019	101	**0.678**	1.43	58.2	0.100 U	**46.2**
	10/5/2019	**171**	**1.05**	1.50	40.0 U	0.100 U	**75.9**
	6/7/2020	96.6	**0.627**	0.971	14.1 JQ	0.100 U	**49.4**
	9/25/2020	**160**	**1.08**	1.26	40.0 U	0.100 U	**82.7**
	6/5/2021	91.2	**0.621**	0.881	72.0 U	0.100 U	**43.3**
SG-10-WP	6/8/2019	**4,090**	**3.40**	**28.1**	40.0 U	0.113	**327**
	10/5/2019	**3,360**	**3.33**	**25.7**	40.0 U	0.114	**292**
	6/7/2020	**4,130**	**4.37**	**34.8**	20.2	0.153	**317**
	9/25/2020	**3420**	**4.08**	**25.0**	40.0 U	0.121	**332**
	6/5/2021	**7830**	**7.43**	**42.7**	202	0.179	**619**
SG-18-WP	6/15/2019*	12.6 JQ	0.0862	1.06	11.1 JQ	0.100 U	8.52
	10/5/2019	12.1 JQ	0.0686	0.346 JQ	13.7 JQ	0.100 U	8.47
	6/6/2020	19.7 JQ	0.0694	0.861	17.6 JQ	0.100 U	6.21
	9/24/2020	23.2	0.0516	0.823	28.5	0.100 U	5.37
	6/5/2021	18.6 JQ	0.231	0.905	36.0 U	0.100 U	3.82 JQ
SG-11-WP	10/3/2019*	**581**	0.0554	2.89	**4,750**	0.501	29.2
	6/6/2020	27.0	0.204	0.447 JQ	**1,600**	0.100 U	17.7
	9/23/2020	49.3	0.281	0.670	**1,210**	0.100 U	17.3
	6/5/2021	62.8	**0.686**	1.01	341	0.077 JQ	**23.3**
SG-12R-WP	6/7/2021	30.3	0.0074 JQ	0.303 JQ	48.4	0.100 U	6.00 U
Porewater							
RC-6-PW-6[4]	6/13/2019	7.37 JQ	0.0168 JQ	0.427 JQ	9.67 JQ	0.100 U	**72.4**
	10/7/2019	40.0 U	0.0266	0.782	40.0 U	0.100 U	**361**
	6/6/2020	14.8 JQ	0.0128 JQ	0.541	15.2 JQ	0.100 U	**45.2**
	9/26/2020	8.72 JQ	0.0186 JQ	0.502	6.95 JQ	0.100 U	**239**
	6/5/2021	21.0	0.0490 JQ	0.683	31.1 JQ	0.100 U	**33.1**

Table E.1
Summary of COC Metals in Water, June 2019 to June 2021

		COC Metals (µg/L)[1]					
Analyte		Aluminum	Cadmium	Copper	Iron	Lead	Zinc
Drinking-Water Based Criteria[2]		16,000	5.00	592	--	15.0	4,800
Surface Water-Based Criteria[3]		142	0.050	1.45	1,000	0.169	13.6
Location Name	Sample Date						
Porewater (cont.)							
RC-6-PW-12[4]	6/13/2019	12.4 JQ	0.0092 JQ	0.435 JQ	14.0 JQ	0.100 U	5.08
	10/7/2019	4.18 JQ	0.0138 JQ	0.500 U	20.0 U	0.100 U	7.91
	6/6/2020	26.4	0.0146 JQ	0.669	32.5	0.100 U	**32.4**
	9/26/2020	8.30 JQ	0.0114 JQ	0.550	20.8	0.100 U	9.75
	6/5/2021	135	0.0870 JQ	1.16	206	0.170	3.55 JQ
RC-6-WP-36[4]	6/13/2019	9.06 JQ	0.0088 JQ	0.432 JQ	10.2 JQ	0.100 U	**55.9**
	10/1/2019	4.25 JQ	0.0062 JQ	0.498 JQ	6.49 JQ	0.100 U	6.80
	6/6/2020	78.8	0.0156 JQ	0.872	64.4	0.087 JQ	**36.5**
	9/26/2020	7.56 JQ	0.0094 JQ	0.363 JQ	10.8 JQ	0.100 U	4.82
	6/5/2021	130	0.0670 JQ	1.09	189	0.145	**26.0**
SG-7-PW-6	6/10/2019	79.8	0.0506	**5.15**	67.9	0.123	**19.7**
	10/6/2019	9.10 JQ	0.0404	0.930	25.2	0.100 U	8.28
	6/7/2020	8.18 JQ	0.0300	**2.51**	10.2 JQ	0.100 U	3.65 JQ
	9/26/2020	55.8	0.0288	1.09 J	112	0.093 JQ	4.38
	6/7/2021	75.3	0.0406	**2.70**	114	0.102	4.25 JQ
SG-7-PW-12	6/10/2019	84.9	0.0524	**4.38**	54.7	0.099 JQ	**17.9**
	10/6/2019	9.39 JQ	0.0460	0.912	14.0 JQ	0.100 U	7.27
	6/7/2020	7.64 JQ	0.0330	1.06	7.98 JQ	0.100 U	3.50 JQ
	9/26/2020	6.30 JQ	0.0404	1.04	11.00 JQ	0.100 U	7.34
	6/7/2021	8.80 JQ	0.0260	1.15	36.0 U	0.100 U	6.00 U
SG-7-WP-36	6/10/2019	13.1 JQ	0.0426	0.750	9.36 JQ	0.100 U	6.43
	10/6/2019	18.2 JQ	0.0206	0.862	10.2 JQ	0.100 U	5.94
	6/7/2020	27.1	0.0260	1.540	22.9	0.069 JQ	4.23
	9/26/2020	17.7 JQ	0.0138 JQ	1.53	16.7 JQ	0.150	9.74
	6/7/2021	17.6 JQ	0.0464	1.44	29.7 JQ	0.075 JQ	4.98 JQ
SG-8-PW-6	6/10/2019	20.5	0.0558	2.20	44.1	0.100 U	10.7
	10/6/2019	8.76 JQ	0.0296	0.706	29.4	0.100 U	6.31
	6/6/2020	14.4 JQ	0.0432	**3.91**	18.3 JQ	0.100 U	10.0
	9/26/2020	12.5 JQ	0.0278	1.33	24.9	0.100 U	4.66
SG-8-PW-12	6/10/2019	23.6	0.0578	**2.75**	71.0	0.100 U	11.2
	10/6/2019	8.82 JQ	0.0312	0.736	31.9	0.100 U	7.14
	6/6/2020	38.9	0.0278	1.70	47.8	0.100 U	4.93
	9/26/2020	22.5	0.0302	1.42	43.3	0.100 U	4.57
SG-8-WP-36	6/10/2019	75.4	0.0718	**7.72**	134	**0.306**	**38.2**
	10/6/2019	89.6	0.0634	**3.79**	197	0.271	18.6
	6/6/2020	5.49 JQ	0.1490	**3.57**	6.94 JQ	0.100 U	**42.9**
	9/26/2020	41.0	0.0558	**8.00**	93.3	**0.935**	16.0
	6/7/2021	18.5 JQ	0.0504	**5.95**	25.4 JQ	0.0780 JQ	**24.3**
SG-9-PW-6	6/8/2019	50.1	**0.794**	3.75	7.20 JQ	0.100 U	**58.0**
	10/1/2019	17.9 JQ	0.0774	0.884	68.6	0.100 U	11.6
	6/7/2020	24.0	0.0296	2.09	34.6	0.100 U	4.37
	9/26/2020	19.0 JQ	0.0874	1.51	35.1	0.100 U	15.6
	6/6/2021	14.0 JQ	0.0204	1.34	21.6 JQ	0.100 U	6.00 U
SG-9-PW-12	6/8/2019	48.0	**0.770**	3.53	13.9 JQ	0.100 U	**56.2**
	10/1/2019	16.3 JQ	0.0538	0.736	62.1	0.100 U	10.1
	6/7/2020	20.8	0.0298	1.49	32.4	0.100 U	4.92
	9/26/2020	25.7	0.0406	1.53	53.7	0.100 U	7.04
	6/6/2021	17.7 JQ	0.0304	1.47	26.6 JQ	0.100 U	3.35 JQ
SG-9-WP-36	6/8/2019*	**157**	**1.49**	3.78	41.6	0.100 U	**99.8**
	10/1/2019	44.5	**0.483**	2.03	20.0 U	0.100 U	**48.7**
	6/12/2020	17.7 JQ	0.0412	1.16	24.5	0.100 U	4.34
	9/26/2020	13.7 JQ	0.110	1.36	19.8 JQ	0.100 U	12.4
	6/6/2021	15.8 JQ	**0.194**	1.73	36.0 U	0.100 U	20.9
SG-17-PW-6	10/5/2019	26.3	0.0364	0.710	47.5	0.100 U	10.5
	6/7/2020	75.3	0.0404	2.22	107	0.100	6.17
	9/25/2020	53.4	0.0658	2.46	84.7	0.100 U	10.8
	6/5/2021	62.4	0.0418	2.04 J	66.5	0.100 U	5.89 JQ
SG-17-PW-12	10/6/2019	17.6 JQ	0.0480	0.628	41.9	0.100 U	8.07
	6/7/2020	65.6	0.0428	2.20	97.0	0.090 JQ	6.29
	9/25/2020	31.9	0.0320	1.30	54.8	0.100 U	5.27
	6/5/2021	63.1	0.0370	1.91	79.0	0.100 U	6.11
SG-17-WP-36	10/6/2019	26.8	0.0672	1.32	85.6	0.100 U	10.4
	6/7/2020	110	0.0600	**6.94**	227	0.128	10.9
	9/25/2020	70.1	**0.237**	**3.94**	171	0.122	16.3
	6/5/2021*	5.24 JQ	0.0580	1.26	36.0 U	0.100 U	9.00
SG-10-PW-6	6/8/2019	**4,920**	**3.83**	**21.5**	457	**0.495**	**329**
	10/5/2019	**3,330**	**2.76**	**24.6**	40.0 U	0.105	**272**
	6/7/2020	67.7	0.0476	2.08	82.2	0.079 JQ	6.90
	9/25/2020	**5,370**	**4.27**	**36.5**	28.6 JQ	0.148	**414**
	6/5/2021	**206**	**0.248**	**3.16**	203	0.218	6.71

Table E.1
Summary of COC Metals in Water, June 2019 to June 2021

		COC Metals (µg/L)[1]					
Analyte		**Aluminum**	**Cadmium**	**Copper**	**Iron**	**Lead**	**Zinc**
Drinking-Water Based Criteria[2]		**16,000**	**5.00**	**592**	**--**	**15.0**	**4,800**
Surface Water-Based Criteria[3]		**142**	**0.050**	**1.45**	**1,000**	**0.169**	**13.6**
Location Name	**Sample Date**						
Porewater (cont.)							
SG-10-PW-12	6/8/2019	15.3 JQ	0.0564	0.669	17.6 JQ	0.100 U	5.12
	10/5/2019	**1310**	**1.45**	**11.5**	17.2 JQ	0.100 U	**132**
	6/7/2020	43.0	0.0440	1.32	60.6	0.100 U	4.69
	9/25/2020	**5,400**	**4.86**	**30.1**	40.0 U	0.100	**437**
	6/5/2021	125.0	**0.22**	**5.15**	132	0.145	4.44 JQ
SG-10-WP-36	6/8/2019	**8270**	**5.94**	**19.0**	**1,120**	0.100 U	**537**
	10/5/2019	**6710**	**5.18**	**22.3**	**1,850**	0.100 U	**442**
	6/7/2020	**5540**	**5.36**	**19.4**	**3,670**	0.100	**444**
	9/25/2020	**6,390**	**5.17**	15.5	**5,410**	0.076 JQ	**457**
	6/5/2021	**7,120**	**5.88**	**38.5**	**4,250**	0.147	**481**
SG-18-PW-6	10/5/2019	11.4 JQ	0.142	0.500 U	20.0 U	0.100 U	11.9
	6/6/2020	19.5 JQ	0.144	0.511	8.31 JQ	0.100 U	15.0
	9/24/2020	8.21 JQ	0.0630	0.361 JQ	20.0 U	0.100 U	6.29
	6/5/2021	36.9	0.120	0.694	37.7	0.100 U	8.86
SG-18-PW-12	10/5/2019	15.2 JQ	0.176	0.500 U	20.0 U	0.100 U	14.9
	6/6/2020	17.4 JQ	0.163	0.535	20.0 U	0.100 U	15.9
	9/24/2020	19.5 JQ	0.0886	0.461 JQ	40.7	0.100 U	9.02
	6/5/2021	30.0	0.148	0.587	36.0 U	0.100 U	14.2
SG-18-WP-36	10/5/2019*	26.5	0.156	1.19	57.5	0.100 U	15.5
	6/6/2020	10.3 JQ	0.0716	0.455 JQ	20.0 U	0.100 U	6.20
	9/24/2020	**308**	**0.480**	2.68	258	0.100	13.9
	6/5/2021	**225**	0.272	1.88	147	0.087 JQ	10.4
SG-11-PW-6	6/9/2019	22.5	0.0278	1.69	38.5	0.070 JQ	6.67
	10/3/2019	14.1 JQ	0.0474	4.96	28.4	0.127	20.7
	6/6/2020	63.0	0.0396	2.58	80.8	0.122	6.25
	9/23/2020	19.8 JQ	0.0448	3.74	49.4	0.150	12.2
	6/5/2021	**210**	**0.239**	**4.01**	206	**0.265**	5.29 JQ
SG-11-PW-12	6/9/2019	89.3	0.0238	0.993	138	0.123	4.16
	10/3/2019	26.2	0.0378	0.485 JQ	54.8	0.294	5.74
	6/6/2020	38.6	0.0300	**3.15**	49.8	0.111	8.20
	9/23/2020	12.4 JQ	0.0434	1.41	87.4	0.990	7.58
	6/5/2021*	19.0 JQ	0.0360	1.76	18.4 JQ	0.100 U	3.67 JQ
SG-11-WP-36	10/3/2019*	**493**	0.0540	2.76	776	0.275	10.1
	6/6/2020	46.5	0.0322	0.804	56.5	0.100 U	4.86
	9/23/2020	**338**	0.0502	1.21	484	0.225	8.10
	6/5/2021	107	0.121	**2.46**	96.6	0.075 JQ	5.56 JQ
Seeps							
SP-US-1[4]	6/17/2019	8.86 JQ	0.020 U	0.500 U	18.9 JQ	0.100 U	1.51 JQ
SP-US-2[4]	7/18/2019	8.04 JQ	0.020 U	0.500 U	10.7 JQ	0.100 U	1.58 JQ
SP-44	9/27/2020	49.6	**0.219**	1.59	82.4	0.100 U	12.8
SP-33	6/18/2019	23.8	**0.195**	1.26	29.2	0.100 U	**20.0**
	6/9/2021	27.1	0.252	1.83	36.9	0.100 U	25.2
SP-40	10/11/2019	12.1 JQ	**0.524**	1.07	30.3	0.100 U	**34.5**
	6/14/2020	71.3	**0.425**	**2.85**	361	0.0770 JQ	**26.4**
	7/21/2020	28.9	**0.301**	1.21	58.0	0.100 U	19.2
	9/27/2020	77.4	**0.434**	2.48	453	0.0980 JQ	**33.3**
SP-32	10/11/2019	16.2 JQ	**0.529**	1.15	44.4	0.100 U	**34.0**
	7/21/2020	24.8	**0.308**	1.41	43.9	0.100 U	19.1
SP-37	7/16/2019*	13.7 JQ	**0.343**	0.986	136	0.100 U	**77.3**
	10/11/2019	72.8	**0.452**	2.05	338	0.100 U	**87.6**
SP-34	6/17/2019*	102	0.0834	0.980	**1,070**	0.100 U	**30.6**
	7/16/2019*	9.71 JQ	0.0338	0.663	32.6	0.100 U	5.41
	7/21/2020	46.5	0.0296	1.10	96.2	0.100 U	4.36
	6/9/2021	64.8	0.0500	2.28	526	0.0630 JQ	6.78
SP-38	7/17/2019*	12.7 JQ	0.0332	0.651	435	0.100 U	7.41
	10/11/2019	27.8	0.0382	0.828	263	0.100 U	7.91
SP-39	7/17/2019*	6.67 JQ	0.0310	0.615	36.2	0.100 U	5.64
SP-47	9/27/2020	61.2	0.0324	1.09	124	0.0770 JQ	7.86
	6/7/2021	113	0.110	**2.78**	400	0.0920 JQ	16.3
SP-35	6/19/2019	40.6	0.0242	1.19	76.0	0.100 U	4.87
SP-36	6/19/2019	54.0	0.0288	1.38	92.3	0.100 U	5.43
	9/27/2020	71.9	0.0346	1.24	149	0.0870 JQ	6.25
SP-46	9/27/2020	52.5	0.0248	1.05	111	0.100 U	5.15
SP-50	6/6/2021	**205**	0.144	**3.64**	653	0.0730 JQ	19.4
SP-45	9/27/2020	51.5	0.0282	0.969	94.7	0.100 U	5.89
	6/6/2021	**335**	0.133	**5.13**	**1,210**	0.113	23.4
SP-30	6/12/2019*	20.9	0.0806	1.23	17.6 JQ	0.100 U	12.2
	6/11/2020	81.7	0.0830	2.17	111	0.100 U	14.8
	7/20/2020	60.8	0.0366	1.46	103	0.100 U	5.32
	6/6/2021	**358**	0.254	**6.57**	**1,230**	0.089 JQ	**34.4**

Table E.1
Summary of COC Metals in Water, June 2019 to June 2021

		COC Metals (µg/L)[1]					
Analyte		**Aluminum**	**Cadmium**	**Copper**	**Iron**	**Lead**	**Zinc**
Drinking-Water Based Criteria[2]		**16,000**	**5.00**	**592**	**--**	**15.0**	**4,800**
Surface Water-Based Criteria[3]		**142**	**0.050**	**1.45**	**1,000**	**0.169**	**13.6**
Location Name	**Sample Date**						
Seeps (cont.)							
SP-30A	6/12/2019*	15.1 JQ	0.0682	1.18	17.5 JQ	0.100 U	17.9
SP-31	6/12/2019*	16.7 JQ	0.0768	1.26	14.9 JQ	0.100 U	12.1
	7/17/2019*	8.66 JQ	0.0236	0.661	23.1	0.100 U	4.50
	6/11/2020	76.9	0.108	2.02	98.9	0.100 U	14.6
SP-48	6/6/2021	14.5 JQ	0.016 JQ	0.899	36.0 U	0.100 U	6.00 U
Wetlands Surface Water							
SW-US-1[4]	6/13/2019	8.68 JQ	0.0120 JQ	0.528	11.3 JQ	0.100 U	1.85 JQ
SW-STP3	6/6/2021	25.7	0.0116 JQ	0.443 JQ	23.4 JQ	0.079 JQ	6.00 U
SW-TP3-East1	6/13/2019	30.1	0.120	**3.06**	80.3	0.100 U	10.3
	7/17/2019*	11.5 JQ	0.0714	**3.51**	87.6	0.153	8.33
	10/2/2019	13.8 JQ	0.908	14.0	226	0.100 U	162
	6/10/2020	21.0	0.113	**6.34**	227	0.120	13.8
	7/22/2020	37.2	0.0782	**5.25**	**1,050**	0.322	6.44
	9/26/2020	35.5	0.0398	**4.47**	73.5	0.0780 JQ	7.43
	6/6/2021	22.6	**0.350 JQ**	1.63	71.6	0.100 U	9.68
SW-TP3-East2	6/13/2019	**3,200**	**1.90**	**38.4**	**5,230**	0.271	**302**
	7/17/2019*	**1,760**	**1.16**	**21.2**	**4,840**	0.209	**215**
	10/4/2019	**527**	0.290	3.21	**7,680**	0.131	67.0
	6/11/2020	**1,460**	**0.848**	**16.1**	**2,850**	0.119	**135**
	7/22/2020	**1,490**	**0.738**	**15.1**	**3,830**	0.160	**149**
	9/26/2020	**537**	0.460	5.23	**6,460**	0.199	88.8
	6/6/2021	**1,120**	**0.574**	**11.4**	**2,380**	0.0780 JQ	**74.5**
West Area Seeps							
SP-US-1[4]	6/17/2019	8.86 JQ	0.0200 U	0.500 U	18.9 JQ	0.100 U	1.51 JQ
SP-US-2[4]	7/18/2019	8.04 JQ	0.0200 U	0.500 U	10.7 JQ	0.100 U	1.58 JQ
SP-26	6/14/2019	8.01 JQ	0.0102 JQ	0.500 U	20.0 U	0.100 U	1.79 JQ
	7/15/2019	4.37 JQ	0.0150 JQ	0.500 U	6.92 JQ	0.100 U	2.28 JQ
	10/9/2019	58.7	0.0304	0.466 JQ	32.0	0.100 U	3.60 JQ
	6/13/2020	10.7 JQ	0.0200 U	0.353 JQ	20.0 U	0.100 U	1.11 JQ
SP-23	6/14/2019	7.12 JQ	0.415	**31.4**	20.0 U	0.100 U	49.9
	6/13/2020	4.16 JQ	0.333	**20.1**	20.0 U	0.100 U	38.8
SP-14A	6/9/2021	**5630**	**22.0**	**5690**	45.9 JQ	0.054 JQ	**2750**
SP-12 West	6/14/2020	**222**	**7.91**	**934**	6.86 JQ	0.100 U	**1020**
	6/7/2021	**424**	**7.38**	**966**	360 U	0.100 U	**1,010**
SP-12 East	6/17/2019	**337**	**11.5**	**1,280**	20.0 U	0.100 U	**1,590**
	6/14/2020	**411**	**10.1**	**1,330**	17.5 JQ	0.100 U	**1,260**
	6/9/2021	**451**	**9.83**	**1,340**	360 U	0.100 U	**1,290**
SP-41	6/14/2020	**356**	**13.4**	**1,960**	6.44 JQ	0.100 U	**1,610**
	6/9/2021	**391**	**13.0**	**2,030**	360 U	0.100 U	**1,660**
SP-42	6/14/2020	**1,540**	**23.6**	**3,510**	23.4	0.114	**3,060**
	6/9/2021	**1,510**	**20.2**	**3,060**	72.0 U	0.100 U	**2,840**
SP-43	6/14/2020	**2,850**	**33.8**	**5050**	90.7	0.858	**4,580**
	6/9/2021	**3,030**	**29.9**	**4840**	127	0.100 U	**4,150**

Notes:

Red/Bold Detected exceedance of applicable criteria (refer to Tables 2.1, 3.9, 3.10, 3.11, 3.12, 3.12, 3.13, and 4.1 and Floyd|Snider's 2019 Annual Compliance Assessment Report, Floyd|Snider's 2020 Annual Compliance Assessment Report for applicable criteria). Surface water, well points, porewater, seeps, and wetlands surface water results are compared to surface water-based criteria that are adjusted for hardness where applicable. Sample-specific hardness-adjusted criteria are not shown on this table; refer to the annual spring data reports or annual compliance assessment reports. Monitoring wells are compared to drinking water-based criteria by default, and potentially applicable ROD surface water criteria are shown for reference.

* Indicates dissolved metals results presented for this sampling date.

1 Total metals results presented, except dissolved results shown where turbidity was measured to be 5 NTU or greater.

2 Drinking water criteria given in Tables 2 and 11 of the ROD.

3 Surface water criteria given in Tables 3 and 11 of the ROD. Criteria from the ROD for cadmium, copper, lead, and zinc are adjusted based on a hardness of 9 mg/L.

4 Background sample location.

Abbreviations:

CAS Chemical Abstracts Service
COC Contaminant of concern
mg/L Milligrams per liter
NTU Nephelometric turbidity units
ROD Record of Decision
µg/L Micrograms per liter

Qualifiers:

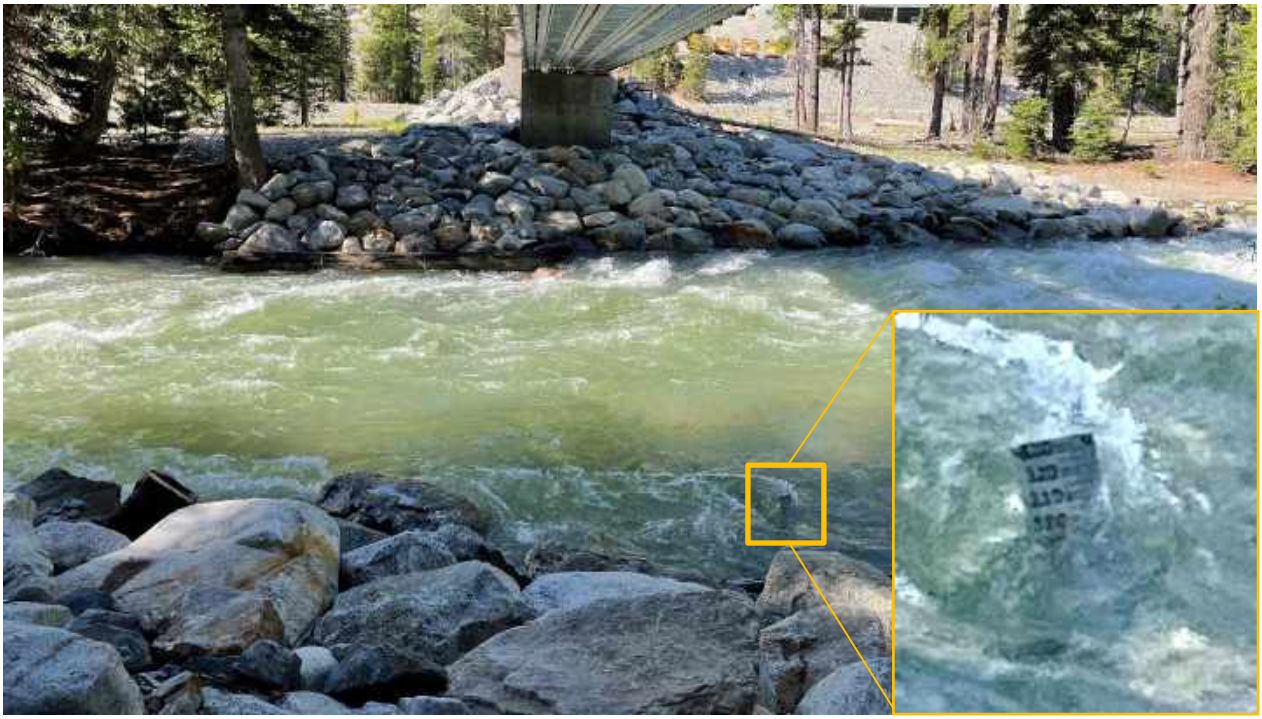
J Analyte was detected, concentration is considered to be an estimate.
JQ Analyte was detected between the method detection limit and reporting limit, concentration is considered to be an estimate.
U Analyte was not detected at the given reporting limit.
UJ Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Holden Mine Site

PSV 2021 Spring Event
Data Report

Appendix F
Photographs

DRAFT



Photograph 1. View to south of RC-4 staff gauge during spring freshet on 6/4/2021. Note elevated turbidity/cloudiness of Railroad Creek.

Photograph 2. View to south of RC-4 staff gauge on 6/6/2021. Note decrease in turbidity and water level relative to Photograph 1.

Photograph 3. SG-8 porewater sample station showing 6-inch and 12-inch depth sample screens (white horizontal lines to left of hose) exposed to surface water by stream bed erosion.

Photograph 4. Location of surface water sample SW-STP3 at north extent of South of Tailings Pile 3 Borrow Area diversion channel. Water from the diversion channel is conveyed to the Wetlands East of Tailings Pile 3 from this location by a 6-inch-diameter pipe. A stormwater ditch also conveys runoff from this location to the area of the Wetlands East of Tailings Pile 3 east of the bypass bridge.

Photograph 5. Historical seep SP-14A in drainage channel on west side of West Area Seeps survey area.

Photograph 6. Seep location SP-12West (photo taken above seep, looking downslope towards Railroad Creek).

Photograph 7. Seep sample location SP-42 in drainage near eastern extent of West Area Seeps survey area.

Photograph 8. Seep sample location SP-43 located in drainage near eastern extent of West Area Seeps survey zone below the Honeymoon Heights trail.