

EIM Help – Result Basis

Version 2.0 DRAFT
August 2013

Result Basis is the physical state in which the chemistry of the sample is reported – **Wet weight** or **Dry weight**.

Labs normally report Result Basis. They sometimes combine it with result units, such as ug/Kg dw (dry weight). In EIM the Result Basis (column AV) and Result Value Units (column AN) are entered separately.

Sometimes chemical concentrations are adjusted based on the Total Organic Carbon (TOC) content of a sample. **Do not submit TOC-normalized data**. Report your chemical concentrations and your TOC content separately.

Result Basis is required for some sediment, soil, and tissue data as shown below in blue. Do not fill out Result Basis for field measurements, particle/grain size, solids (%), or water samples.

Sediment - Sediment chemistry, TOC, and Total Volatile Solids must be submitted to EIM on a dry weight basis.

Result Parameter Name (AH)	Field Collection Type (D)	Result Basis (AV)
All chemical parameters	Sample	Dry
Total Organic Carbon (TOC)	Sample	Dry
Total Volatile Solids	Sample	Dry
Solids (%)	Sample	<i>leave blank</i>
Particle/Grain Size parameters	Sample	<i>leave blank</i>
All parameters	Measurement	<i>leave blank</i>

Soil - Soil results are almost always reported on a dry weight basis. In limited cases they are reported on a wet weight basis.

Result Parameter Name (AH)	Field Collection Type (D)	Result Basis (AV)
All chemical parameters	Sample	Dry or Wet
All parameters	Measurement	<i>leave blank</i>

Tissue - Tissue chemistry is almost always reported on a wet weight basis. In limited cases it is reported on a dry weight basis. If you are reporting tissue on a dry weight basis, you must also report Solids (%).

Result Parameter Name (AH)	Field Collection Type (D)	Result Basis (AV)
All chemical parameters	Sample	Wet or Dry
All parameters	Measurement	<i>leave blank</i>

Water - Always leave Result Basis blank for water sample or measurements.

Result Parameter Name (AH)	Field Collection Type (D)	Result Basis (AV)
All parameters	Sample or Measurement	<i>leave blank</i>

Revision History

Revision Date	Revision No.	Summary of Changes	Reviser(s)
7/30/09	1.0	Original Document	CN
10/01/08	1.1	Updated references to spreadsheet column headings per data model change	CN
11/06/09	1.2	Updated references to spreadsheet column headings per data model change	CN, CL
1/11/10	1.3	Added info about ash-free dry weight	CN
8/1/2013	2.0	Name and functional changes from Measurement Basis to Result Basis	KC, CN