

Reference Material and Inter-laboratory Quality Control Materials Product Summary

November 2022

Version: 1

Assigned Values: Values provided have been generated from an Inter-Laboratory Proficiency Programme (ILPP). The reference material values provided in this summary are the mean of the results after the exclusion of statistical outliers. The Assigned Range provided for the Inter-laboratory QC Materials is the range of test values available for purchase. Each Reference and QC Material comes with a Data Summary Sheet.

Missing Values and Available Tests: For Reference Materials where property values do not meet the statistical criteria, the summary values have not been provided. For this reason, not all tests will be available for every Reference Material of the same matrix. However, if there are 3 or more data points available, an Assigned Value will be provided with the corresponding QC material.

Sample Sizes: Available sample sizes are shown for reference materials.

QC Material: Acid Sulphate Soil

Matrix: Acid Sulphate Soil	Product ID	10336-QC	10337-QC	11389-QC	11390-QC
	Process Run	PR8061	PR8061	PR9679	PR9679
	Expiry Date	30 Oct 23	30 Oct 23	31 Oct 26	31 Oct 26
	Sample Size	100g	100g	100g	100g
	ANC_BT (%CaCO ₃)	13.9			1.79
ANC_E (mol H ⁺ /t)	2600				
Ca_HCl (%Ca)	5.48	0.0440	0.0850	0.671	
Ca_KCl (%Ca)	0.380	0.0350	0.0750	0.345	

	Ca_P (%Ca)	5.15	0.0390	0.0760	0.580
	Mg_HCl (%Mg)	0.161	0.0940	0.0950	0.310
	Mg_KCl (%Mg)	0.0450	0.0300	0.0720	0.0870
	Mg_P (%Mg)	0.0970	0.0320	0.0720	0.152
	pH_KCl (pH units)	8.82	4.68	3.80	8.43
	pH_OX (pH units)	8.00	3.80	2.10	3.50
	S_CR (%S)	0.187	0.0140	1.83	0.580
	S_HCl (%S)	0.0670	0.0500	0.220	0.160
	S_KCl (%S)	0.0610	0.0310	0.228	0.164
	S_P (%S)	0.292	0.111	2.20	0.762
	TAA (mol H+/t)		105	348	
	TPA (mol H+/t)		264	1570	130