

Reference Material and Inter-laboratory Quality Control Materials Product Summary

July 2018

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	7771-QC	8559-QC	8592-QC
	Process Run	PR5948	PR5948	PR5948
	Expiry Date	31 Oct 21	31 Oct 22	31 Oct 22
	Sample Size	150g	100g	100g
	ANC_BT (%CaCO ₃)		15.4	
	ANC_E (mol H ⁺ /t)		1970	
	Ca_HCl (%Ca)	0.123	5.04	0.120
	Ca_KCl (%Ca)	0.112	0.379	0.108
	Ca_P (%Ca)	0.118	4.93	0.104

Mg_HCl (%Mg)	0.332	0.710	0.0130
Mg_KCl (%Mg)	0.194	0.140	0.0120
Mg_P (%Mg)	0.202	0.389	0.0120
pH_KCl (pH units)	3.80	8.90	5.20
pH_OX (pH units)	2.37	8.00	2.29
S_CR (%S)	0.600	1.10	0.646
S_HCl (%S)	0.428	0.164	0.134
S_KCl (%S)	0.292	0.150	0.114
S_P (%S)	1.07	1.39	0.861
TAA (mol H+/t)	134		20.8
TPA (mol H+/t)	614		455