Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 13848-QC-PR11330

Product Type: Serpentine Super

Issue Date: 29 February 2024

Expiry Date: 28 February 2028

Test Name	n Values	Assigned Value	Assigned Range
Cadmium (mg/kg)	13	14.99	11.76 - 18.22
Calcium (g/100g)	6 *	19.18	17.17 - 21.20
Citric Acid Soluble P (g/100g)	3 *	5.17	4.90 - 5.44
Moisture (g/100g)	15	4.26	3.16 - 5.37
Sulphate-Sulphur(as S)(g/100g)	12	8.29	7.38 - 9.19
Total Magnesium (g/100g)	13	4.95	4.29 - 5.61
Total Phosphorus (g/100g)	5 *	7.24	6.82 - 7.67
W-Soluble Phosphorus (g/100g)	5 *	1.71	1.48 - 1.94

** n Values < 8 are indicative only and should be used with caution*

Homogeneity: This QC material has been assessed as homogeneous for use in an Inter-Laboratory Proficiency Study

Stability: An expiry period consistent with the shelf life of the product, experience, and technical advice has been applied

Values: The *Assigned Value* is the consensus mean from an inter-laboratory proficiency round excluding outliers; *n Values* are the number of results used to calculate the assigned value. The *Assigned Range* is 2 standard deviations of *n Values*.

Methods: Multiple methods were used in the preparation of these assigned values.



Global Proficiency Ltd
10 Bisley Road, Enderley, Hamilton 3214, New Zealand
Unit 2/25 Mareno Road, Tullamarine, VIC 3043, Australia
p +64 7 850 4483 | +61 3 9089 1151
e sales@global-proficiency.com
w www.global-proficiency.com

Version 2