Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 13556-QC-PR10618

Product Type: Serpentine Super

Issue Date: 4 September 2023

Expiry Date: 28 February 2027

Test Name	n Values	Assigned Value	Assigned Range
Cadmium (mg/kg)	6 *	12.88	10.08 - 15.68
Calcium (g/100g)	6 *	15.34	14.41 - 16.28
Citric Acid Soluble P (g/100g)	4 *	4.83	4.53 - 5.13
Fluoride (%)	3 *	1.48	1.33 - 1.63
Moisture (g/100g)	8	3.28	2.33 - 4.23
Sulphate-Sulphur(as S)(g/100g)	11	7.74	7.30 - 8.19
Total Magnesium (g/100g)	7 *	5.73	5.28 - 6.17
Total Phosphorus (g/100g)	8	6.66	6.44 - 6.89
W-Soluble Phosphorus (g/100g)	7 *	1.23	1.06 - 1.40

** 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