Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 15222-QC-PR12007

Product Type: Sulphur Super

Issue Date: 26 February 2025

Expiry Date: 1 February 2028

Test Name	n Values	Assigned Value	Assigned Range
Cadmium (mg/kg)	10	12.82	9.37 - 16.28
Calcium (g/100g)	9	16.17	13.34 - 19.00
Citric Acid Soluble P (g/100g)	7 *	6.79	6.67 - 6.92
Elemental Sulphur (g/100g)	6 *	22.50	21.68 - 23.32
Fluoride (%)	7 *	1.82	1.69 - 1.94
Moisture (g/100g)	10	2.90	1.53 - 4.26
Sulphate-Sulphur(as S)(g/100g)	11	8.80	8.23 - 9.37
Total Phosphorus (g/100g)	10	7.37	7.14 - 7.59
W-Soluble Phosphorus (g/100g)	8	6.31	5.95 - 6.67

** 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