Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 13847-QC-PR11330

Product Type: Sulphur Super

Issue Date: 29 February 2024

Expiry Date: 28 February 2028

Test Name	n Values	Assigned Value	Assigned Range
Cadmium (mg/kg)	8	15.60	11.78 - 19.41
Calcium (g/100g)	8	17.41	15.01 - 19.81
Citric Acid Soluble P (g/100g)	7 *	6.83	6.43 - 7.24
Elemental Sulphur (g/100g)	5 *	21.52	20.61 - 22.43
Fluoride (%)	3 *	1.92	1.78 - 2.07
Free Acid (as P) (g/100g)	3 *	0.08	0.00 - 0.18
Moisture (g/100g)	9	1.67	0.95 - 2.40
Sulphate-Sulphur(as S)(g/100g)	11	8.54	8.04 - 9.05
Total Phosphorus (g/100g)	8	7.83	7.38 - 8.28
W-Soluble Phosphorus (g/100g)	7 *	6.25	5.95 - 6.55

** 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.

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Version 2