Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 13843-QC-PR11054

Product Type: Potassic Super

Issue Date: 4 September 2023

Expiry Date: 5 April 2027

Test Name	n Values	Assigned Value	Assigned Range
Cadmium (mg/kg)	8	11.86	10.66 - 13.06
Calcium (g/100g)	8	16.76	15.56 - 17.97
Citric Acid Soluble P (g/100g)	7 *	6.05	5.87 - 6.23
Fluoride (%)	5 *	1.63	1.44 - 1.81
Free Acid (as P) (g/100g)	5 *	0.49	0.31 - 0.68
Moisture (g/100g)	11	4.48	3.23 - 5.73
Potassium (g/100g)	9	14.98	13.14 - 16.81
Sulphate-Sulphur(as S)(g/100g)	6 *	7.85	7.63 - 8.08
Total Phosphorus (g/100g)	10	6.91	6.70 - 7.11
W-Soluble Phosphorus (g/100g)	8	5.55	5.38 - 5.73

** 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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