Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 13844-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	14.43	13.29 - 15.56
Calcium (g/100g)	9	19.91	18.04 - 21.77
Citric Acid Soluble P (g/100g)	7 *	7.17	6.94 - 7.41
Fluoride (%)	5 *	1.93	1.73 - 2.13
Free Acid (as H3PO4) (g/100g)	3 *	1.87	1.14 - 2.60
Free Acid (as P) (g/100g)	5 *	0.57	0.41 - 0.74
Moisture (g/100g)	11	5.09	3.74 - 6.44
Potassium (g/100g)	9	7.66	6.57 - 8.76
Sulphate-Sulphur(as S)(g/100g)	6 *	9.30	9.04 - 9.56
Total Phosphorus (g/100g)	11	8.22	7.99 - 8.46
W-Soluble Phosphorus (g/100g)	8	6.66	6.45 - 6.86

** 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