Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 15978-QC-PR13009

Product Type: Super Phosphate

Issue Date: 24 August 2026

Expiry Date: 24 March 2030

Test Name	n Values	Assigned Value	Assigned Range
Cadmium (mg/kg)	9	19.19	16.59 - 21.80
Calcium (g/100g)	12	20.16	18.10 - 22.22
Citric Acid Soluble P (g/100g)	7 *	7.75	7.22 - 8.28
Fluoride (%)	8	2.13	1.91 - 2.36
Free Acid (as H3PO4) (g/100g)	4 *	0.56	0.00 - 1.23
Free Acid (as P) (g/100g)	6 *	0.13	0.01 - 0.24
Moisture (g/100g)	10	4.24	2.70 - 5.78
Sulphate-Sulphur(as S)(g/100g)	7 *	11.16	10.77 - 11.55
Total Phosphorus (g/100g)	7 *	9.11	8.92 - 9.30
W-Soluble Phosphorus (g/100g)	8	7.48	7.04 - 7.92

** 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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