Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 13845-QC-PR10409

Product Type: Phosphate Rock

Issue Date: 4 September 2023

Expiry Date: 5 April 2027

Test Name	n Values	Assigned Value	Assigned Range
Cadmium (mg/kg)	11	31.81	26.96 - 36.66
Calcium (g/100g)	9	36.33	31.41 - 41.25
Citric Acid Soluble P (g/100g)	7 *	3.58	3.18 - 3.99
Fluoride (%)	7 *	3.99	3.50 - 4.48
Formic Acid Soluble P (g/100g)	3 *	6.65	5.90 - 7.41
Lead (mg/kg)	4 *	4.84	4.16 - 5.52
Mercury (mg/kg)	4 *	0.02	0.00 - 0.04
Moisture (g/100g)	12	1.10	0.62 - 1.58
Total Phosphorus (g/100g)	11	15.26	14.75 - 15.77

** 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