Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17491-QC-PR12603

Product Type: WPC80 (Mineral Acid)

Issue Date: 13 March 2026

Expiry Date: 9 October 2028

Test Name	n Values	Assigned Value	Assigned Range
Calcium (mg/100g)	10	362	347 - 378
Chloride (mg/100g)	10	114	97 - 132
Copper (mg/kg)	7 *	0.51	0.49 - 0.53
Iodine (µg/100gm)	8	180	162 - 199
Iron (mg/kg)	8	2.9	2.6 - 3.3
Magnesium (mg/100g)	9	23.2	22.5 - 23.9
Manganese (µg/100g)	8	12	10 - 14
Phosphorus (mg/100g)	4 *	335	331 - 339
Potassium (mg/100g)	10	1,648	1466 - 1831
Sodium (mg/100g)	10	38	36 - 40
Zinc (mg/kg)	9	15.6	14.7 - 16.5

** n Values < 8 are indicative only and should be used with caution*

Description: 30 g+ packaged in a foil-laminated sachet

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

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Storage: Once opened, samples will be unstable due to moisture absorption. Store samples frozen and ensure they are sealed immediately after use.

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*

Methods: Multiple methods were used in the preparation of these assigned values.

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