Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16785-QC-PR12426

Product Type: Instant Whole Milk Powder (Metals)

Issue Date: 31 October 2025

Expiry Date: 29 January 2027

Test Name	n Values	Assigned Value	Assigned Range
Aluminium (mg/kg)	4 *	1.00	0.68 - 1.31
Antimony (mg/kg)	7 *	0.059	0.043 - 0.074
Arsenic (mg/kg)	11	0.207	0.186 - 0.229
Cadmium (mg/kg)	9	0.025	0.022 - 0.028
Chromium (mg/kg)	11	0.427	0.338 - 0.515
Lead (mg/kg)	11	0.060	0.049 - 0.071
Mercury (mg/kg)	3 *	0.060	0.034 - 0.085
Nickel (mg/kg)	10	0.146	0.123 - 0.170
Tin (mg/kg)	9	0.139	0.0910 - 0.187

** 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*

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

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