Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 15553-QC-PR12426

Product Type: Skim Milk Powder

Issue Date: 31 October 2025

Expiry Date: 29 October 2027

Test Name	n Values	Assigned Value	Assigned Range
Calcium (mg/100g)	11	1,156	1107 - 1206
Chloride (mg/100g)	14	751	721 - 781
Copper (mg/kg)	3 *	0.34	0.33 - 0.35
Iron (mg/kg)	4 *	1.7	1.4 - 2.0
Magnesium (mg/100g)	7 *	96.3	93.9 - 98.7
Manganese (µg/100g)	5 *	38	37 - 40
Phosphorus (mg/100g)	8	865	815 - 914
Potassium (mg/100g)	8	1,393	1340 - 1445
Sodium (mg/100g)	8	271	248 - 294
Zinc (mg/kg)	11	35.9	34.8 - 37.1

** 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

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

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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.

