Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 15567-QC-PR12501

Product Type: Whole Milk Powder

Issue Date: 15 December 2025

Expiry Date: 11 March 2027

Test Name	n Values	Assigned Value	Assigned Range
Ash (%)	8	4.26	4.23 - 4.28
Fat RG (%)	13	28.15	27.87 - 28.43
Insolubility Index 24°C (mL)	16	0.10	0.07 - 0.12
Moisture 102°C (%)	16	2.98	2.75 - 3.22
Moisture Reference Dryer (%)	14	3.12	3.02 - 3.21
pH (pH units)	17	6.78	6.70 - 6.86
Protein Kjeldahl (%)	16	23.42	23.24 - 23.60
Titratable Acidity (%)	14	0.074	0.067 - 0.082
WPNI (mg/g SNF)	5 *	2.9	2.8 - 3.0

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

Description: 80 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 at < 30°C 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*

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

