Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16402-QC-PR12426

Product Type: Whole Milk Powder

Issue Date: 10 November 2025

Expiry Date: 29 May 2027

Test Name	n Values	Assigned Value	Assigned Range
Ash (%)	15	4.73	4.66 - 4.81
Fat RG (%)	17	28.59	28.35 - 28.82
Free Fat - in powder (%)	4 *	1.10	1.08 - 1.12
Insolubility Index 24°C (mL)	18	0.24	0.07 - 0.41
Moisture 102°C (%)	22	3.01	2.79 - 3.22
Moisture KF (%)	4 *	3.41	3.25 - 3.57
Moisture Reference Dryer (%)	8	3.16	2.98 - 3.34
pH (pH units)	20	6.76	6.71 - 6.80
Protein Kjeldahl (%)	18	23.32	23.11 - 23.53
Titratable Acidity (%)	19	0.077	0.066 - 0.088
WPNI (mg/g SNF)	8	1.3	1.1 - 1.6

** 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.

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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*

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

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