Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17496-QC-PR12603

Product Type: Skim Milk Powder

Issue Date: 17 February 2026

Expiry Date: 21 September 2028

Test Name	n Values	Assigned Value	Assigned Range
Fat RG (%)	17	0.90	0.75 - 1.05
Insolubility Index 24°C (mL)	25	0.10	0.05 - 0.14
Moisture 102°C (%)	22	3.63	3.33 - 3.94
Moisture Reference Dryer (%)	7 *	3.73	3.61 - 3.84
pH (pH units)	20	6.75	6.69 - 6.82
Protein Kjeldahl (%)	13	32.69	32.42 - 32.97
Titratable Acidity (%)	24	0.103	0.086 - 0.120
WPNI (mg/g)	14	4.8	4.1 - 5.6

** 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.

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.

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