Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17497-QC-PR12920

Product Type: Skim Milk Powder

Issue Date: 23 June 2026

Expiry Date: 10 February 2029

Test Name	n Values	Assigned Value	Assigned Range
Fat RG (%)	9	0.48	0.43 - 0.53
Insolubility Index 24°C (mL)	20	0.09	0.02 - 0.16
Moisture 102°C (%)	19	3.53	3.36 - 3.70
Moisture Reference Dryer (%)	4 *	3.53	3.51 - 3.55
pH (pH units)	12	6.69	6.66 - 6.71
Protein Kjeldahl (%)	14	32.76	32.52 - 33.01
Titratable Acidity (%)	15	0.110	0.106 - 0.113
WPNI (mg/g)	10	3.5	3.3 - 3.8

** 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*

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

Global Proficiency Ltd
10 Bisley Road, Enderley, Hamilton 3214, New Zealand
Unit 2/25 Mareno Road, Tullamarine, VIC 3043, Australia
p +64 7 850 4483 | +61 3 9089 1151
e sales@global-proficiency.com
w www.global-proficiency.com

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