Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16401-QC-PR12393

Product Type: Whey Powder

Issue Date: 27 November 2025

Expiry Date: 21 January 2028

Test Name	n Values	Assigned Value	Assigned Range
Ash (%)	7 *	7.67	7.53 - 7.81
Fat RG (%)	6 *	0.97	0.86 - 1.07
Insolubility Index 24°C (mL)	6 *	0.10	0.10 - 0.10
Moisture 102°C (%)	7 *	1.59	1.46 - 1.72
pH (pH units)	9	6.89	6.79 - 6.99
Protein Kjeldahl (%)	10	14.47	14.30 - 14.64
Salt (%)	3 *	2.78	2.74 - 2.82
Titratable Acidity (%)	8	0.049	0.034 - 0.065

** 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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