Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16396-QC-PR12426

Product Type: MPC85

Issue Date: 31 October 2025

Expiry Date: 2 February 2027

Test Name	n Values	Assigned Value	Assigned Range
Ash (%)	11	6.79	6.65 - 6.93
Fat SBR (%)	11	1.21	1.11 - 1.30
Lactose (%)	7 *	5.67	5.15 - 6.19
Moisture 102°C (%)	9	5.84	5.73 - 5.95
pH 5% Solution (pH units)	10	7.01	6.95 - 7.07
Protein Kjeldahl (%)	9	80.56	80.07 - 81.05
WPNI (mg/g)	4 *	13.1	12.8 - 13.5

** 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.

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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