Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16403-QC-PR12560

Product Type: WPC80 (Lactic Acid)

Issue Date: 4 February 2026

Expiry Date: 12 March 2027

Test Name	n Values	Assigned Value	Assigned Range
Ash (%)	6 *	3.64	3.25 - 4.02
Fat SBR (%)	7 *	4.3	4.0 - 4.7
Insolubility Index 24°C (mL)	7 *	0.09	0.06 - 0.13
Lactose (%)	4 *	4.53	4.18 - 4.88
Moisture 102°C (%)	8	4.71	4.28 - 5.14
pH 5% Solution (pH units)	7 *	6.80	6.75 - 6.85
Protein Kjeldahl (%)	14	78.68	77.90 - 79.46

** 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

Version 2