Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16392-QC-PR12330

Product Type: MPC42

Issue Date: 28 August 2025

Expiry Date: 4 December 2026

Test Name	n Values	Assigned Value	Assigned Range
Ash (%)	8	5.53	5.48 - 5.59
Fat RG (%)	11	25.65	25.37 - 25.92
Insolubility Index 40°C (mL)	12	0.10	0.03 - 0.17
Moisture 102°C (%)	12	3.25	3.09 - 3.41
pH 5% Solution (pH units)	15	7.05	6.92 - 7.17
Protein Kjeldahl (%)	13	43.11	42.85 - 43.37
Tit Acidity 5% Solution (%m/m)	11	0.815	0.682 - 0.947
WPNI (mg/g)	12	6.7	6.4 - 7.0

** 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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