Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16370-QC-PR12796

Product Type: Buttermilk Powder

Issue Date: 5 May 2026

Expiry Date: 29 September 2027

Test Name	n Values	Assigned Value	Assigned Range
Fat RG (%)	8	7.38	7.24 - 7.52
Insolubility Index 24°C (mL)	14	0.10	0.05 - 0.14
Moisture 102°C (%)	14	3.67	3.49 - 3.85
Moisture Reference Dryer (%)	12	3.70	3.64 - 3.75
Protein Kjeldahl (%)	9	30.28	30.13 - 30.43
Titratable Acidity (%)	8	0.110	0.108 - 0.111

** 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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