Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16371-QC-PR12393

Product Type: Lactic Acid Casein (30 Mesh)

Issue Date: 8 October 2025

Expiry Date: 28 August 2027

Test Name	n Values	Assigned Value	Assigned Range
Ash (%)	7 *	1.77	1.70 - 1.85
Fat SBR (%)	8	0.7	0.6 - 0.8
Free Acidity (ml/g)	10	0.20	0.19 - 0.22
Lactose (%)	9	0.10	0.06 - 0.13
Moisture 102°C (%)	9	11.68	11.59 - 11.76
Part. Size Pass 1st Sieve (%)	10	99.9	99.5 - 100.0
Part. Size Pass 2nd Sieve (%)	10	49.6	46.1 - 53.0
pH (pH units)	8	4.1	4.0 - 4.2
Protein Kjeldahl (%)	7 *	86.76	86.25 - 87.27

** n Values < 8 are indicative only and should be used with caution*

Description: 150 g+ packaged in a plastic pot

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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