Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16372-QC-PR12393

Product Type: Mineral Acid Casein (30 Mesh)

Issue Date: 8 October 2025

Expiry Date: 4 December 2027

Test Name	n Values	Assigned Value	Assigned Range
Ash (%)	4 *	1.86	1.65 - 2.08
Fat SBR (%)	11	0.6	0.4 - 0.8
Free Acidity (ml/g)	10	0.10	0.09 - 0.12
Lactose (%)	9	0.16	0.13 - 0.19
Moisture 102°C (%)	8	8.65	8.56 - 8.74
Part. Size Pass 1st Sieve (%)	10	99.9	99.6 - 100.0
Part. Size Pass 2nd Sieve (%)	8	48.6	44.7 - 52.5
pH (pH units)	6 *	4.5	4.4 - 4.6
Protein Kjeldahl (%)	8	89.69	88.87 - 90.51

** 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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