Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17453-QC-PR13116

Product Type: Anhydrous Milk Fat

Issue Date: 29 October 2026

Expiry Date: 17 January 2028

Test Name	n Values	Assigned Value	Assigned Range
Alkalinity (mg/kg)	6 *	5	0 - 9
Carotene (mg/kg)	3 *	7.6	6.8 - 8.4
Free Fatty Acids (%)	8	0.15	0.11 - 0.18
Moisture KF (%)	11	0.06	0.04 - 0.08
Peroxide Value (meqO2/kg)	7 *	0.03	0.02 - 0.05

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

Description: 100 mL+ packaged in amber plastic bottle

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 frozen 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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Version 2