Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17455-QC-PR13026

Product Type: Anhydrous Milk Fat

Issue Date: 24 August 2026

Expiry Date: 12 May 2028

Test Name	n Values	Assigned Value	Assigned Range
Alkalinity (mg/kg)	8	5	2 - 9
Carotene (mg/kg)	4 *	8.6	7.8 - 9.3
Free Fatty Acids (%)	8	0.12	0.10 - 0.13
Moisture KF (%)	14	0.06	0.05 - 0.07
Peroxide Value (meqO2/kg)	8	0.06	0.01 - 0.10

** 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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