Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17943-QC-PR13038

Product Type: Canola Oil

Issue Date: 3 September 2026

Expiry Date: 2 March 2027

Test Name	n Values	Assigned Value	Assigned Range
Acid Value (mg KOH/g)	4 *	0.0822	0.0364 - 0.128
Free Fatty Acid as oleic (%)	6 *	0.0328	0.0121 - 0.0536
GC FAME Profile - % C18:1	7 *	64.3	63.1 - 65.5
GC FAME Profile - % C18:2	6 *	18.1	17.6 - 18.7
GC FAME Profile - % C18:3	4 *	8.76	8.06 - 9.46
GC Profile - % cis Monos	7 *	65.6	64.3 - 66.9
GC Profile - % cis Polys	7 *	26.2	25.3 - 27.1
GC Profile - % Saturates	7 *	6.92	6.20 - 7.64
GC Profile - % Trans	6 *	1.04	0.889 - 1.20
Iodine Value	6 *	111	108 - 113
Moisture (%)	3 *	0.0597	0.0316 - 0.0877
Peroxide Value (meq)	7 *	0.810	0.440 - 1.18

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

Description: 200 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

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Version 2

Storage: Once opened, samples are subject to oxidation and evaporation. Keep sealed and store refrigerated after use (ap prox. 4°C).

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.

