

Reference Material and Inter-laboratory Quality Control Materials Product Summary

March 2022

Version: 1

Assigned Values: Values provided have been generated from Inter-Laboratory Proficiency Programmes (ILPP) or from data provided by laboratories for the purpose of characterisation. The reference material values provided in this summary are the mean of the results after the exclusion of statistical outliers. The Assigned Range provided for the Inter-laboratory QC Materials is the range of test values available for purchase. Each Reference and QC Material comes with a Data Summary Sheet.

Missing Values and Available Tests: For Reference Materials where property values do not meet the statistical criteria, the summary values have not been provided. For this reason, not all tests will be available for every Reference Material of the same matrix. However, if there are 3 or more data points available, an Assigned Value will be provided with the corresponding QC material.

Sample Sizes: Available sample sizes are shown for reference materials.

Note: When ordering QC materials, please quote both the Product ID AND the process run

QC Material: Vegetable Oils - Olive Oil

Matrix: Vegetable Oils	Product ID	13559-QC
	Process Run	PR9986
	Expiry Date	21 May 22
	Sample Size	200mL
	Acid Value (mg KOH/g)	0.600
	Free Fatty Acid as oleic (%)	0.300
	GC FAME Profile - % C 18:1	73.7
	GC FAME Profile - % C 18:2	8.52
	GC FAME Profile - % C 18:3	0.631
	GC Profile - % cis Monos	75.0
	GC Profile - % cis Polys	9.20
	GC Profile - % Saturates	15.5
	GC Profile - % Trans	0.0500
	Iodine Value	82.1
	Moisture (%)	0.0750

QC Material: Vegetable Oils - Sunflower Oil

Matrix: Vegetable Oils	Product ID	13647-QC
	Process Run	PR9986
	Expiry Date	11 May 22
	Sample Size	200mL
	Acid Value (mg KOH/g)	0.0600
	Colour - Red Lovibond RYBN	1.00
	Colour - Yellow Lovibond RYBN	7.75
	Free Fatty Acid as oleic (%)	0.0300
	GC FAME Profile - % C 18:1	83.4
	GC FAME Profile - % C 18:2	7.21
	GC FAME Profile - % C 18:3	0.0665
	GC Profile - % cis Monos	83.9
	GC Profile - % cis Polys	7.20
	GC Profile - % Saturates	8.78
	GC Profile - % Trans	0.0660
	Iodine Value	85.2
	Moisture (%)	0.0650
	Peroxide Value (meq)	0.775