

Reference Material and Inter-laboratory Quality Control Materials Product Summary

February 2024

Version: 2

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.

Ordering Reference Materials and/or Quality Control Materials, acknowledges you have read and understood our terms and conditions. These can be found at: <https://www.global-proficiency.com/terms-conditions>

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

QC Material: Vegetable Oils - Cottonseed Oil

Matrix: Vegetable Oils	Product ID	15508-QC
	Process Run	PR11230
	Expiry Date	22 May 24
	Sample Size	200mL
	Acid Value (mg KOH/g)	0.0765
	Free Fatty Acid as oleic (%)	0.0406
	GC FAME Profile - % C 18:1	17.0
	GC FAME Profile - % C 18:2	56.9
	GC FAME Profile - % C 18:3	0.402
	GC Profile - % cis Monos	17.3
	GC Profile - % cis Polys	57.1
	GC Profile - % Saturates	24.6
	GC Profile - % Trans	1.06
	Iodine Value	115
	Moisture (%)	0.0720
	Peroxide Value (meq)	3.87