

Reference Material and Inter-laboratory Quality Control Materials Product Summary

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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 - Canola Oil

Matrix: Vegetable Oils	Product ID	14383-QC
	Process Run	PR10664
	Expiry Date	28 Aug 23
	Sample Size	200mL
	Acid Value (mg KOH/g)	0.0392
	Free Fatty Acid as oleic (%)	0.0320
	GC FAME Profile - % C 18:1	64.6
	GC FAME Profile - % C 18:2	19.1
	GC FAME Profile - % C 18:3	7.35
	GC Profile - % cis Monos	65.6
	GC Profile - % cis Polys	25.5
	GC Profile - % Saturates	7.42
	GC Profile - % Trans	1.40
	Iodine Value	109
	Moisture (%)	0.0660
	Peroxide Value (meq)	2.26

QC Material: Vegetable Oils - Rice Bran Oil

Matrix: Vegetable Oils	Product ID	14382-QC
	Process Run	PR10664
	Expiry Date	28 Aug 23
	Sample Size	200mL
	Acid Value (mg KOH/g)	0.216
	Free Fatty Acid as oleic (%)	0.0981
	GC FAME Profile - % C 18:1	41.8
	GC FAME Profile - % C 18:2	32.8
	GC FAME Profile - % C 18:3	1.27
	GC Profile - % cis Monos	42.7
	GC Profile - % cis Polys	33.8
	GC Profile - % Saturates	23.2
	GC Profile - % Trans	0.234
	Iodine Value	97.3
	Moisture (%)	0.0757
	Peroxide Value (meq)	1.80

QC Material: Vegetable Oils - Soyabean Oil

Matrix: Vegetable Oils	Product ID	14808-QC
	Process Run	PR10664
	Expiry Date	28 Aug 23
	Sample Size	200mL
	Acid Value (mg KOH/g)	0.118
	Free Fatty Acid as oleic (%)	0.0554
	GC FAME Profile - % C 18:1	26.7
	GC FAME Profile - % C 18:2	51.5
	GC FAME Profile - % C 18:3	5.98
	GC Profile - % cis Monos	27.0
	GC Profile - % cis Polys	56.7
	GC Profile - % Saturates	15.4
	GC Profile - % Trans	0.874
	Iodine Value	127
	Moisture (%)	0.0680
	Peroxide Value (meq)	1.21