



CERTIFICATE OF ANALYSIS
GRAPESEED OIL

Customer:	The Soap Kitchen	Order No:	156149
Quantity:	1 x 200 Kilos	Batch No:	KMO5355
Date:	07.10.2021	Code No:	-
Supplier Ref:	00609/21		

TEST	SPECIFICATION	ANALYSIS
Colour Y/R/B	25/2.5/1.0 max	5/0.7/0.1
Relative density (20°C)	0.918 – 0.926	0.921
Refractive index (20°C)	1.470 – 1.480	1.471
FFA (oleic acid)	1.0 maximum	0.1
Iodine value	125 – 150	131
Peroxide value	3.0 maximum	0.5
Saponification value	187 – 195	190
Unsaponifiable matter	2.0 maximum	Pass

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	5.0 – 10.0	8.5
C16:1 Palmitoleic Acid	1.0 maximum	0.1
C18:0 Stearic Acid	2.5 – 5.0	3.8
C18:1 Oleic Acid	20.0 – 32.0	31.6
C18:2 Linoleic Acid	53.0 – 70.0	53.7
C18:3 Linolenic Acid	2.0 maximum	1.6
C20:0 Arachidic Acid	1.5 maximum	Pass
C20:1 Eicosenoic Acid	1.0 maximum	Pass
C22:0 Behenic Acid	1.0 maximum	Pass

Date of Manufacture: September 2021

Date of Re-test: September 2023

This COA is produced electronically therefore no signature is required.