



The Soap Kitchen (2011) Ltd
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CERTIFICATE OF ANALYSIS
SAFFLOWER OIL (THISTLE OIL)

Customer:	The Soap Kitchen	Order No:	TSK 15.05.20
Quantity:	1 x 25 litre drum	Batch No:	KMO3271
Date:	19.05.2020	Code No:	-
Supplier Ref:	6032E19-01		

Description: A yellow liquid with a typical odour & taste

TEST	SPECIFICATION	ANALYSIS
Acid Value mg KOH/g	0.5 maximum	0.10
Peroxide Value meq O ₂ /kg	2.0% maximum	0.98
Iodine Value	120 - 135	127.1
Saponification Value	180 - 195	192.6
Colour Lovibond 5.25" Cell	50.0 Yellow maximum	6.5
	5.0 Red maximum	0.8
Unsaponifiable Matter	1.5 maximum	Complies
Relative Density @ 20°C	0.912 – 0.930	Complies
Refractive Index	1.472 – 1.476	1.473

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic Acid	5 – 8	5.98
C18:0 Stearic Acid	2.5 - 7	3.02
C18:1 Oleic Acid	20 - 40	38.82
C18:2 Linoleic Acid	50 - 74	50.95
C18:3 Alpha Linolenic Acid	0.5 maximum	0.05

Date of Packing: May 2020
Date of Re-test: May 2022

This COA is produced electronically therefore no signature is required.