



**CERTIFICATE OF ANALYSIS**

**ORGANIC SAFFLOWER (THISTLE) OIL**

Customer:	The Soap Kitchen	Order No:	19.06.2018
Quantity:	2 x 25 litre drum	Batch No:	KMO3934
Date:	21.06.2018	Code No:	-
Supplier Ref:	30421-01		

**Description:** A yellow liquid with a typical odour & taste

TEST	SPECIFICATION	ANALYSIS
Colour Lovibond 5.25" Cell	34.0 Yellow maximum	Pass
	3.3 Red maximum	Pass
Specific Gravity @ 20°C	0.918 – 0.924	0.922
Free Fatty Acid (% as oleic)	2.0 maximum	Pass
Iodine Value	135 – 150	142
Peroxide Value (meq O <sub>2</sub> /kg)	10.0 maximum	Pass
Unsaponifiable Matter	2.0 maximum	Pass
Saponification Value	188 – 194	192
Moisture (%)	0.1 maximum	Pass

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic Acid	4.0 – 10.0	7.3
C18:0 Stearic Acid	1.0 – 5.0	2.6
C18:1 Oleic Acid	8.0 – 21.0	13.9
C18:2 Linoleic Acid	68.0 – 83.0	74.6
C18:3 Alpha Linolenic Acid	0.5 maximum	0.2

**Date of Manufacture:** May 2018

**Date of Expiry:** May 2020

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