



CERTIFICATE OF ANALYSIS

ORGANIC SAFFLOWER (THISTLE) OIL

Customer:	The Soap Kitchen	Order No:	9/1/18
Quantity:	2 x 25 litre drum	Batch No:	KMO165
Date:	12.01.2018	Code No:	-
Supplier Ref:	28081-01		

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	0.05
Iodine Value	135 – 150	142
Peroxide Value (meq O ₂ /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	2.7
C18:1 Oleic Acid	8.0 – 21.0	13.5
C18:2 Linoleic Acid	68.0 – 83.0	74.6
C18:3 Alpha Linolenic Acid	0.5 maximum	0.5

Date of Manufacture: September 2017

Date of Expiry: September 2019

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