



**CERTIFICATE OF ANALYSIS**

**ORGANIC SAFFLOWER (THISTLE) OIL**

Customer:	The Soap Kitchen	Order No:	27/1/15
Quantity:	2 x 25 litre drum	Batch No:	KMO495
Date:	27.01.2015	Code No:	-
Supplier Ref:	-		

Description: A yellow liquid with a typical odour & taste

TEST	SPECIFICATION	ANALYSIS
Colour Lovibond 5.25" Cell	34.0 Yellow maximum	9.5
	3.3 Red maximum	1.0
Specific Gravity @ 20°C	0.917 – 0.924	0.922
Free Fatty Acid (% as oleic)	2.0 maximum	0.09
Iodine Value	136 - 148	139
Peroxide Value (meq O <sub>2</sub> /kg)	10.0 maximum	Complies
Unsaponifiable Matter	2.0 maximum	<0.3
Saponification Value	180 - 200	192
Moisture (%)	0.1 maximum	0.03

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic Acid	5.3 – 8.0	7.57
C18:0 Stearic Acid	1.9 – 2.9	2.71
C18:1 Oleic Acid	8.4 – 21.3	15.87
C18:2 Linoleic Acid	67.8 – 83.2	71.49
C18:3 Alpha Linolenic Acid	0.1 maximum	0.11

Date of Manufacture: February 2015

Date of Expiry: February 2017

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