



CERTIFICATE OF ANALYSIS
CALENDULA OIL INFUSED IN SUNFLOWER

Customer:	The Soap Kitchen	Order No:	-
Quantity:	1 x 25 kilo drum	Batch No:	KMO62
Date:	07.01.2019	Code No:	-
Supplier Ref:	1250		

TEST	SPECIFICATION	ANALYSIS
Appearance @ 20°C	Clear yellow to orange viscous liquid	Pass
Odour	Characteristic	Pass
Relative Density @ 20°C (g/ml)	0.905 – 0.923	0.919
Refractive Index @ 20°C	1.462 – 1.510	1.485
Peroxide value (Meq/kg)	≤ 20.0	5.0
Acid Value (mgKOH/g)	≤ 4.0	0.3
Free Fatty Acid (% as Oleic)	≤ 2.0	0.07

Fatty Acid Profile (%)		
C16:0 Palmitic Acid	5.0 – 7.6	6.8
C18:0 Stearic Acid	2.7 – 6.5	4.7
C18:1 Oleic Acid	14.0 – 39.0	33.0
C18:2 Linoleic Acid	50.0 – 74.0	60.5
C18:3 Alpha Linolenic Acid	< 0.3	0.15
C20:0 Arachidic Acid	< 1.0	0.5
C20:1 Icosenoic Acid	< 1.0	0.5
C22:0 Docosanoic Acid	< 1.0	0.5

Date of Manufacture: January 2019

Date of Expiry: January 2021

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