



CERTIFICATE OF ANALYSIS
ORANGE SEED OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	1 x 5 Kilos	Batch No:	KMO1225
Date:	20.02.2019	Code No:	-
Supplier Ref:	S21/112		

Description: Orange to brown mobile liquid

Odour: Citrus, orange peel

TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 20°C	0.910 – 0.922	0.920
Refractive Index @ 20°C	1.466 – 1.176	1.470
Free Fatty Acid (% as oleic)	≤0.5	0.1
Peroxide Value	≤3.0	1.1
Colour (Lovibond 5.25" Cell)	≤35 Yellow 2.5 Red	20 2.0
Iodine Value (Calc)	105 – 115	114
Saponification Value (mgKOH/g)	190 – 200	192

TYPICAL FATTY ACID PROFILE

C16:0 Palmitic Acid %	14.0 – 22.0	18.7
C18:0 Stearic Acid %	2.0 – 4.0	3.4
C18:1 Oleic Acid %	26.0 – 34.0	32.3
C18:2 Linoleic Acid %	35.0 – 45.0	37.7
C18:3 Alpha Linolenic Acid %	3.0 – 7.0	6.1

We certify that the above batch meets these specifications completely

Date of Manufacture: January 2019

Date of Expiry: January 2021

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