



The Soap Kitchen (2011) Ltd

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CERTIFICATE OF ANALYSIS
ORANGE SEED OIL

Customer:	The Soap Kitchen	Order No:	111086
Quantity:	2 x 5 Kilos	Batch No:	KMO7763
Date:	18.11.2020	Code No:	OIL011
Supplier Ref:	0710		

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	1.471
Free Fatty Acid (% as oleic)	≤0.5	0.1
Peroxide Value	≤3.0	1.2
Colour (Lovibond 5.25" Cell)	≤35 Yellow 2.5 Red	20.2 1.9
Iodine Value (Calc)	105 – 115	113.5
Saponification Value (mgKOH/g)	190 – 200	194

TYPICAL FATTY ACID PROFILE

C16:0 Palmitic Acid %	14.0 – 22.0	19.0
C18:0 Stearic Acid %	2.0 – 4.0	3.5
C18:1 Oleic Acid %	26.0 – 34.0	32.5
C18:2 Linoleic Acid %	35.0 – 45.0	38.1
C18:3 Alpha Linolenic Acid %	3.0 – 7.0	6.2

We certify that the above batch meets these specifications completely

Date of Manufacture: November 2020
Date of Expiry: November 2022

This COA is produced electronically therefore no signature is required.