

**The Soap Kitchen (2011) Ltd**

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CERTIFICATE OF ANALYSIS
WATERMELON SEED OIL

Customer:	The Soap Kitchen	Order No:	110448
Quantity:	1 x 25 Litres	Batch No:	KMO7666
Date:	12.11.2020	Code No:	OIL030
Supplier Ref:	0671/18		

Description: A clear golden yellow oil.
Odour: Free from rancid & foreign odours.
Latin Name: Citrullus Vulgaris
Commercial Name: Watermelon Seed Oil

TEST	SPECIFICATION	ANALYSIS
Free Fatty Acids (% as Oleic)	5.0 maximum	0.1
Iodine Value (gI ₂ /100g)	120 – 135	132
Refractive Index @ 20°C	1.470 – 1.480	1.475
Relative Density @ 20°C	0.915 – 0.925	0.921
Optical Rotation (Degrees)	-10.0 to +10.0	Pass

FATTY ACID PROFILE (%)		
C16:0 Palmitic	8 – 13	10.9
C16:1 Palmitoleic	1.0 maximum	0.1
C18:0 Stearic	1.5 – 5.5	3.5
C18:1 Oleic	21 – 29	24.5
C18:2 Linoleic	55 – 65	60.1
C18:3 Linolenic	1.0 maximum	0.3

Date of Manufacture: August 2020
Date of Expiry: August 2022

This COA is produced electronically therefore no signature is required.