



The Soap Kitchen (2011) Ltd
Unit 8, Caddsdawn Industrial Park, Clovelly Road,
Bideford, Devon, EX39 3DX, United Kingdom

Email: enquiries@thesoapkitchen.co.uk
Call: +44 (0) 1237 420 872

CERTIFICATE OF ANALYSIS
WATERMELON SEED OIL

| | | | |
|---------------|------------------|-----------|---------|
| Customer: | The Soap Kitchen | Order No: | - |
| Quantity: | 2 x 5 kilos | Batch No: | KMO2367 |
| Date: | 10.04.2020 | Code No: | - |
| Supplier Ref: | S46/218 | | |

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

| TEST | SPECIFICATION | |
|--------------------------------------|----------------|-------|
| Free Fatty Acids (% as Oleic) | 5.0 maximum | 0.1 |
| Iodine Value (gl 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: April 2021
Date of Expiry: April 2023

This COA is produced electronically therefore no signature is required.