



***The Soap Kitchen (2011) Ltd***

Unit 8, Caddsdow Industrial Park,  
Clovelly Road, Bideford, Devon,  
EX39 3DX, United Kingdom

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

**CERTIFICATE OF ANALYSIS**

**ORGANIC SAFFLOWER (THISTLE) OIL**

|           |                   |           |              |
|-----------|-------------------|-----------|--------------|
| Supplier: | The Soap Kitchen  | Order No: | TSK 01.09.20 |
| Quantity: | 2 x 25 Kilo drums | Batch No: | KMO5822      |
| Date:     | 02.09.2020        | Code No:  | OIL069       |
|           |                   |           |              |

**Description:** A yellow liquid with a typical odour & taste

| TEST                         | SPECIFICATION       | ANALYSIS |
|------------------------------|---------------------|----------|
| Colour Lovibond 5.25" Cell   | 34.0 Yellow maximum | Pass     |
|                              | 3.3 Red maximum     | Pass     |
| Specific Gravity @ 20°C      | 0.918 – 0.924       | 0.922    |
| Refractive Index @ 20°C      | 1.473 – 1.479       | 1.475    |
| Free Fatty Acid (% as oleic) | 2.0 maximum         | 0.05     |
| Iodine Value                 | 135 – 150           | 142      |
| Saponification Value         | 188 – 194           | 192.3    |

| FATTY ACID COMPOSITION (%) |             |      |
|----------------------------|-------------|------|
| C16:0 Palmitic Acid        | 4.0 – 10.0  | 6.9  |
| C18:0 Stearic Acid         | 1.0 – 5.0   | 2.4  |
| C18:1 Oleic Acid           | 8.0 – 21.0  | 13.2 |
| C18:2 Linoleic Acid        | 68.0 – 83.0 | 74.5 |
| C18:3 Alpha Linolenic Acid | 0.5 maximum | 0.1  |

**Date of Packing:** September 2020

**Date of Expiry:** September 2022

This COA is produced electronically therefore no signature is required.