



**CERTIFICATE OF ANALYSIS**

**REFINED ARGAN OIL**

|               |                  |           |         |
|---------------|------------------|-----------|---------|
| Customer:     | The Soap Kitchen | Order No: | 143834  |
| Quantity:     | 3 x 25 Kilos     | Batch No: | KMO3135 |
| Date:         | 14.06.2021       | Code No:  | OIL049  |
| Supplier Ref: | 13502/20         |           |         |

| TEST                               | SPECIFICATION   | ANALYSIS |
|------------------------------------|-----------------|----------|
| Free Fatty Acid Value (% as oleic) | 3.0 maximum     | 0.1      |
| Iodine Value                       | 95.0 – 105.0    | 101      |
| Peroxide Value (meqO2/kg)          | 5.0 maximum     | 0.7      |
| Saponification Value               | 190.0 – 200.0   | 191      |
| Unsaponifiable Matter              | 1.5 maximum     | 0.5      |
| Specific Gravity @ 20°C            | 0.910 – 0.920   | 0.912    |
| Refractive Index @ 20°C            | 1.465 – 1.475   | 1.471    |
| Colour                             | Yellow - Max 50 | 18.0     |
|                                    | Red – Max 5.0   | 1.0      |

| FATTY ACID COMPOSITION (%) |             |      |
|----------------------------|-------------|------|
| C16:0 Palmitic             | 10.0 – 16.0 | 13.0 |
| C16:1 Palmitoleic          | 0.5 maximum | 0.1  |
| C18:0 Stearic              | 2.5 – 6.0   | 3.3  |
| C18:1 Oleic                | 45.0 – 55.0 | 53.5 |
| C18:2 Linoleic             | 26.0 – 35.0 | 28.1 |
| C18:3 Alpha Linolenic      | 1.0 maximum | 0.4  |

**Date of Packing: March 2021**

**Date of Expiry: March 2023**

This COA is produced electronically therefore no signature is required.

**The Soap Kitchen Limited**

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