



The Soap Kitchen  
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## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** Argan Oil, Deodorised

|                      |                  |                  |         |
|----------------------|------------------|------------------|---------|
| <b>Customer:</b>     | The Soap Kitchen | <b>Order No:</b> | 194123  |
| <b>Quantity:</b>     | 4 x 25 Kilos     | <b>Batch No:</b> | KM05247 |
| <b>Date:</b>         | 22.12.2022       | <b>Code No:</b>  | OIL049  |
| <b>Supplier Ref:</b> | 13801/21         |                  |         |

**Appearance:** Clear Yellow Liquid  
**Odour:** Almost Odourless

| TEST                                        | SPECIFICATION   | ANALYSIS |
|---------------------------------------------|-----------------|----------|
| <b>Free Fatty Acid Value (% as oleic)</b>   | 3.0 maximum     | 0.1      |
| <b>Iodine Value</b>                         | 90 – 105        | 105      |
| <b>Peroxide Value (meqO<sub>2</sub>/kg)</b> | 5.0 maximum     | 0.3      |
| <b>Saponification Value</b>                 | 190 – 200       | 192      |
| <b>Unsaponifiable Matter</b>                | 1.5 maximum     | 0.5      |
| <b>Specific Gravity @ 20°C</b>              | 0.910 – 0.920   | 0.913    |
| <b>Refractive Index @ 20°C</b>              | 1.465 – 1.475   | 1.470    |
| <b>Colour</b>                               | Yellow – Max 50 | 11.0     |
|                                             | Red – Max 5.0   | 0.8      |

| FATTY ACID COMPOSITION (%)   |             |      |
|------------------------------|-------------|------|
| <b>C16:0 Palmitic</b>        | 10.0 – 16.0 | 11.9 |
| <b>C16:1 Palmitoleic</b>     | 0.5 maximum | 0.2  |
| <b>C18:0 Stearic</b>         | 2.5 – 6.0   | 3.2  |
| <b>C18:1 Oleic</b>           | 45.0 – 55.0 | 51.1 |
| <b>C18:2 Linoleic</b>        | 26.0 – 35.0 | 31.5 |
| <b>C18:3 Alpha Linolenic</b> | 1.0 maximum | 0.7  |

**Date of Packing:** September 2022  
**Date of Expiry:** September 2024