

Supplies for Candles Ltd Unit E Swinton Bridge Industrial Estate Whitelee Road Swinton South Yorkshire S64 8BH

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## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** Olive Oil Pomace

| Customer:     | The Soap Kitchen | Order No: | PO#479730  |
|---------------|------------------|-----------|------------|
| Quantity:     | 2 x 950 Kilos    | Batch No: | KMO153     |
| Date:         | 10.01.2024       | Code No:  | TSK-OIL013 |
| Supplier Ref: | 04903202         |           |            |

Appearance: Clear liquid, yellow

Odour: Slight

Taste: Characteristic

| TEST                         | SPECIFICATION       | ANALYSIS                             |
|------------------------------|---------------------|--------------------------------------|
| Acid Value (KOH/g)           | 1.0 maximum         | 0.2                                  |
| Free Fatty Acid (% as oleic) | 0.5 maximum         | 0.1                                  |
| Peroxide Value (meq/kg)      | 3.0 maximum         | 0.4 (at time of production analysis) |
| Refractive Index @ 20°C      | 1.468 - 1.473       | 1.471                                |
| Relative Density @ 20°C      | 0.910 - 0.916       | 0.913                                |
| Iodine Value (grl2/100g)     | 79.0 - 90.0         | 85.0                                 |
| Saponification Value         | 188.0 - 195.0       | 189.0                                |
| Colour Lovibond 5¼" cell     | 35.0 Yellow maximum | 12.0                                 |
|                              | 2.5 Red maximum     | 1.2                                  |

| FATTY ACID PROFILE (%) |             |             |      |
|------------------------|-------------|-------------|------|
| C16:0                  | Palmitic    | 7.5 - 20.0  | 10.1 |
| C16:1                  | Palmitoleic | 3.5 maximum | 0.1  |
| C18:0                  | Stearic     | 0.5 - 5.0   | 2.9  |
| C18:1                  | Oleic       | 56.0 - 85.0 | 75.6 |
| C18:2                  | Linoleic    | 3.5 - 20.0  | 9.5  |
| C18:3                  | Linolenic   | 1.5 maximum | 0.1  |

Date of Packing: January 2024 Date of Re-Test: January 2026

Storage: The shelf life of this product can be affected by storage conditions. Influencing factors such as Temperature, exposure to light and air will cause the product to deteriorate at a faster rate.

The product should remain in good condition if stored as recommended