



The Soap Kitchen (2011) Ltd
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CERTIFICATE OF ANALYSIS
CACAY OIL

| | | | |
|---------------|-------------|-----------|---------|
| Customer: | | Order No: | - |
| Quantity: | 2 x 5 Kilos | Batch No: | KMO4593 |
| Date: | 10.07.2020 | Code No: | - |
| Supplier Ref: | 35389-01 | | |

Description: Liquid, Yellow to Brown
Odour: Characteristic.

| TEST | SPECIFICATION | ANALYSIS (ex-factory) |
|--------------------------------------|---------------|-----------------------|
| Specific Gravity @ 20°C (g/ml) | 0.900 – 0.980 | 0.925 |
| Refractive Index @ 20°C | 1.400 – 1.490 | 1.474 |
| Acid Value (mgKOH/g) | 20.0 maximum | 0.34 |
| Peroxide Value (meq KOH/kg) | 30.0 maximum | 2.6 |
| Saponification Value (mg/KOH/g) | 150.0 – 250.0 | 192.3 |
| Iodine Value (gI ₂ /100g) | 100.0 – 180.0 | 158.1 |

| FATTY ACID PROFILE (%) | | |
|------------------------|-------------|------|
| C14:0 Myristic Acid | 0.1 – 0.3 | 0.1 |
| C16:0 Palmitic Acid | 8.0 – 13.0 | 8.1 |
| C16:1 Palmitoleic Acid | 0.1 – 0.3 | 0.1 |
| C18:0 Stearic Acid | 2.0 – 5.0 | 2.1 |
| C18:1 Oleic Acid | 8.0 – 16.0 | 8.2 |
| C18:2 Linoleic Acid | 55.0 – 85.0 | 72.8 |
| C20:0 Arachidic Acid | ≤ 0.7 | 0.3 |

Date of Manufacture: July 2020
Date of Expiry: July 2022

This COA is produced electronically therefore no signature is required.

| | | | |
|----------|-------|------------|----|
| QC Check | REV 3 | 11.01.2018 | SM |
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