



The Soap Kitchen (2011) Ltd
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CERTIFICATE OF ANALYSIS
MANGO BUTTER

| | | | |
|---------------|------------------|-----------|---------|
| Customer: | The Soap Kitchen | Order No: | - |
| Quantity: | 2 x 25 kilo tubs | Batch No: | KMO2886 |
| Date: | 04.05.2020 | Code No: | - |
| Supplier Ref: | 00648 | | |

Appearance @ 20°C: Pale yellow, semi-solid fat
Odour: Free from rancid or foreign odours

| TEST | SPECIFICATION | ANALYSIS |
|--------------------------------|---------------|----------|
| Iodine Value (wijs) | 40 – 55 | 46.9 |
| Peroxide Value (meq/kg) | 5.0 maximum | 1.0 |
| Acid Value (mgKOH/g) | < 0.5 | 0.42 |
| Saponification Value (mgKOH/g) | 180 – 195 | 185.9 |
| Unsaponifiable Matter (%) | < 5.0 | 1.2 |

| FATTY ACID COMPOSITION (%) | | |
|----------------------------|-------------|-------|
| C16:0 Palmitic | 11 -17 | 12.03 |
| C18:0 Stearic | 30 - 45 | 40.16 |
| C18:1 Oleic | 38 - 50 | 40.29 |
| C18:2 Linoleic | 3 - 7 | 5.92 |
| C20:0 Arachidic | 2.0 maximum | 0.79 |

Date of Packing: May 2020
Date of Re-test: May 2022

This COA is produced electronically therefore no signature is required.