



CERTIFICATE OF ANALYSIS
RICE BRAN OIL

| | | | |
|---------------|--------------------|-----------|--------|
| Customer: | The Soap Kitchen | Order No: | - |
| Quantity: | 4 x 25 litre drums | Batch No: | KMO675 |
| Date: | 24.01.2019 | Code No: | - |
| Supplier Ref: | - | | |

Description: A clear yellowish liquid.
Odour: Characteristic.

| TEST | SPECIFICATION | ANALYSIS |
|--|---------------------|----------|
| Acid Value (mg KOH/g) | 1.0 maximum | 0.1 |
| Peroxide Value (meqO ₂ /kg) | 8.0 maximum | 1.2 |
| Iodine Value (g ₂ /100g) | 98 - 108 | 102 |
| Relative Density @ 20°C | 0.910 – 0.920 | 0.912 |
| Refractive Index @ 20°C | 1.470 – 1.473 | 1.471 |
| Saponification Value | 180 - 192 | 190 |
| Colour (Lovibond 5.25" cell) | 30.0 Yellow maximum | 27 |
| | 2.3 Red maximum | 2.3 |

| FATTY ACID PROFILE (%) | | |
|------------------------|--------------|------|
| C16:0 Palmitic | 12.0 – 18.0 | 18 |
| C16:1 Palmitoleic | 0.5 maximum | 0.1 |
| C18:0 Stearic | 0.5 – 4.0 | 2.4 |
| C18:1 Oleic | 35.0 – 50.0 | 44.7 |
| C18:2 Linoleic | 29.0 – 45.0 | 32.1 |
| C18:3 Alpha Linolenic | 3.0 maximum | 1.2 |
| C20:0 Arachidic | 1.2 maximum | 0.5 |
| C20:1 Eicosenoic | 1.0 maximum | 0.2 |
| C22:0 Behenic | 0.5 maximum | 0.2 |
| C24:0 Lignoceric | 0.38 maximum | 0.1 |

Date of Packing: January 2019
Date of Expiry: January 2021

The Soap Kitchen
Unit 8 Caddsdwn Industrial Park, Clovelly Road, Bideford,
Devon EX39 3DX
Tel: 01237 420872 (+44 (0)1237 420872)
Email: it@thesoapkitchen.co.uk