

CERTIFICATE OF ANALYSIS
REFINED APRICOT KERNEL OIL

| | | | |
|--------------------|--------------------|-----------|---------|
| Customer: | Gracefruit Limited | Order No: | 21.5.18 |
| Quantity: | 1 x 200 kilos | Batch No: | KMO3274 |
| Country of Origin: | | | Italy |
| | | | |

Description: Clear, pale yellow oily liquid
Taste/Odour: Virtually tasteless and odourless

| TEST | SPECIFICATION | ANALYSIS |
|--|-----------------|----------|
| Specific Gravity @ 20°C | 0.910 – 0.920 | 0.916 |
| Refractive Index @ 20°C | 1.467 – 1.473 | 1.472 |
| Saponification Value | 185 – 195 | 190 |
| Free Fatty Acid | 0.1 maximum | Absent |
| Iodine Value | 90 – 115 | 105 |
| Colour Lovibond (5¼" cell) | 2.5 Red maximum | 0.7 |
| Unsaponifiable Matter | 0.9 maximum | 0.6 |
| Peroxide Value (meqO ₂ /kg) | 5.0 maximum | 1.0 |
| Moisture (%) | 0.1 maximum | Absent |
| Heavy Metals | No Traces | Complies |
| Arsenic | No Traces | Complies |
| Solubility in Water | Insoluble | Complies |
| Insoluble Impurities | Absent | Absent |

| FATTY ACID PROFILE (%) | | |
|------------------------|-------------|------|
| C16:0 Palmitic | 3 - 8 | 5.5 |
| C16:1 Palmitoleic | 1.0 maximum | 0.1 |
| C18:0 Stearic | 2 - 5 | 2.5 |
| C18:1 Oleic | 58 - 72 | 64.6 |
| C18:2 Linoleic | 22 - 33 | 25.0 |
| C18:3 Alpha Linolenic | 1.0 maximum | 0.6 |

Date of Manufacture: January 2018
Date of Expiry: January 2020

This COA is produced electronically therefore no signature is required.