

Gracefruit Ltd
209 Glasgow Road
Longcroft
FK4 1QQ

CERTIFICATE OF ANALYSIS
FRACTIONATED COCONUT OIL

| | | | |
|---------------|--------------------|-----------|---------|
| Customer: | Gracefruit Limited | Order No: | - |
| Quantity: | 3 x 25 litre drum | Batch No: | KMO6038 |
| Date: | 19.09.2018 | Code No: | - |
| Supplier Ref: | A1817003 | | |

Description: A light coloured, low viscosity oil, containing the tri-glycerides of medium chain, saturated fatty acids mainly C-8 (Caprylic) and C-10 (Capric).

| TEST | SPECIFICATION | ANALYSIS |
|-------------------------|---------------|----------|
| Acid Value | 0.2 maximum | 0.031 |
| Iodine Value | 1.0 maximum | 0.1 |
| Saponification Value | 310 - 360 | 329 |
| Unsaponifiable Matter | 0.5% maximum | Pass |
| Peroxide Value | 1.0 maximum | 0.0 |
| Specific Gravity @ 20°C | 0.930 – 0.960 | Pass |
| Refractive Index @ 20°C | 1.440 – 1.452 | Pass |
| Viscosity (mPa.s) | 25 - 33 | Pass |
| Moisture | 0.2% maximum | Pass |
| Hydroxyl Value | 10.0 maximum | Pass |

| FATTY ACID PROFILE (%) | | | |
|------------------------|-----------|-------------|-------|
| C6 | Capronic | 2.0 maximum | < 2.0 |
| C8 | Caprylic | 50 - 80 | 59 |
| C10 | Capric | 20 - 50 | 41 |
| C12 | Lauric | 3.0 maximum | 0 |
| C14 | Myristate | 1.0 maximum | < 1.0 |

Date of Packing: June 2018

Date of Re-test: June 2020

