

CERTIFICATE OF ANALYSIS
FRACTIONATED COCONUT OIL

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|---------------|--------------------|-----------|---------|
| Customer: | Gracefruit Limited | Order No: | - |
| Quantity: | 4 x 25 litre drum | Batch No: | KMO8022 |
| Date: | 06.12.2018 | Code No: | - |
| Supplier Ref: | A1829101 | | |

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 | 0.044 |
| Iodine Value | 1.0 maximum | 0.03 |
| Saponification Value | 310 - 360 | 340.8 |
| 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 | 58.9 |
| C10 | Capric | 20 - 50 | 40.8 |
| C12 | Lauric | 3.0 maximum | <3 |
| C14 | Myristate | 1.0 maximum | < 1.0 |

Date of Packing: October 2018
Date of Re-test: October 2020

