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Certificate of Analysis Sheet

Organic MCT Oil

(Caprylic/Capric Triglyceride)

| | | | |
|---------------------------|----------------------------------|--------------------------------|--------------------------------|
| Trade Name: | Coconut Oil Fractionated Organic | Inci Name: | Caprylic / Capric Triglyceride |
| Cas No: | 73398-61-5 / 65381-09-1 | Einecs No: | 277-452-2 / 265-724-3 |
| Country of Origin: | EU | Country of Manufacture: | EU |
| Manufactured: | May 2019 | Shelf Life: | 24 Months |
| Batch No: | 050719-2 | Application: | Food / Cosmetics |

Description:

A fraction of coconut oil obtained by steam distillation (from the seeds of *Cocos nucifera*, *Palmae*) from which almost all the long chain fatty acids are removed there by increasing its shelf life and stability. Basically, a mixed trimer of glycerine, caprylic and caproic acids.

| ANALYTICAL DETAILS | UNIT | RANGE | RESULT |
|--------------------------|--------------|---------------------------------------|----------|
| Appearance | Organoleptic | Clear oily liquid at room temperature | Conforms |
| Colour | Organoleptic | Water white | Conforms |
| Odour | Organoleptic | Characteristic | Conforms |
| Refractive Index @ 20°C | - | 1.440 – 1.452 | 1.4508 |
| Specific Gravity @ 20°C | g/ml | 0.930 – 0.960 | 0.946 |
| Acid Value | mg KOH/g | ≤ 0.2 | 0.03 |
| Saponification Value | mg KOH/g | 310 - 360 | 333.1 |
| Viscosity @ 20° | MPA.S | 25 - 33 | 31.2 |
| Hydroxyl Value | mg KOH/g | ≤ 10.0 | 3.4 |
| Water | % | ≤ 0.2 | < 0.1 |
| Melting Point | °C | 20 - 24 | Conforms |
| Flash Point (Closed Cup) | °C | >100° | Conforms |

| TYPE | ACID NAME | UNIT | RANGE | RESULT |
|-------|-----------|------|---------|--------|
| C6:0 | Caproic | % | ≤ 0.5 | 0.01 |
| C8:0 | Caprylic | % | 50 - 80 | 55.2 |
| C10:0 | Capric | % | 20 - 50 | 43.8 |
| C12:0 | Lauric | % | ≤ 3.0 | < 1.1 |

Storage: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Shelf Life: The shelf life is 24 months if unopened. Once opened the shelf life of the oil is limited by temperature, light and oxygen exposure. Any remaining oil should be blanketed with nitrogen and used as soon as possible.