



Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

MCT/Fractionated Coconut Oil, Organic

Lot# 22057

Country of Origin: Malaysia

Manufacture Date: 09/2022

Expiration Date: 09/2025



Ingredient Name (INCI): Caprylic/Capric Triglyceride (MCT Oil)

Composition: 100% Coconut MCT Oil

Packaging: Gallons, Drums, Pails, Buckets

Description: Clear liquid, oily, almost odorless. Characteristic bland taste.

Applications: Skincare, Soap Manufacturing, Food Processing, Tinctures

Certificates: Organic

Method of Extraction: Esterification of Coconut Oils

Plant Part Used: Flesh

Vegan: Yes

Gluten Free: Yes

Allergen: This is considered a highly refined oil and is exempt as a major food allergy

Food Grade: Yes

| Characteristic | Specification | Result |
|---|---------------|----------|
| Acid Value (mg KOH/g) | 0.1 max | 0.02 |
| Saponification Value | 325 - 345 | 333 |
| Iodine Value (g 1/100g) | 0.5 max | 0.03 |
| Hydroxyl Value (mg KOH/g) | 5 max | 2 |
| Moisture | 0.1 max | 0.03 |
| Cloud Point | neg 5°C max | <neg 5°C |
| Peroxide Value (meq O ₂ /kg) | 1 max | <0.01 |
| Color, APHA | 50 max | 14 |
| Unsaponifiable Matter | 0.5 max | 0.32 |
| Ash | 0.1 max | <0.01 |
| Relative Density at 20°C | 0.930 - 0.960 | 0.95 |
| Refractive Index at 20°C | 1.440-1.452 | 1.451 |
| Viscosity at 20°C | 25 - 33 | 30 |
| C6:0 Caproic Acid | 1 max | 0.07 |
| C8:0 Caprylic Acid | 55 - 65 | 61.2 |
| C10:0 Capric Acid | 35 - 45 | 38.7 |
| C12:0 Lauric Acid | 1 max | 0.08 |

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| Microbiological Test, CFR/gram | | |
|---------------------------------------|---------------|--------|
| Aerobic Plate Count | <1000 cfu/g | BL |
| Yeast and Molds Count | <100 cfu/g | BL |
| Staphylococcus Aureus | Absent in 1g | Absent |
| Salmonella | Absent in 25g | Absent |
| Escherichia Coli | Absent in 1g | Absent |
| Coliforms | Absent | Absent |

| Heavy Metals | | |
|---------------------|-------|-----|
| Lead (mg/kg) | 1 max | BLQ |
| Cadmium (mg/kg) | 1 max | BLQ |
| Arsenic (mg/kg) | 1 max | BLQ |
| Mecury (mg/kg) | 1 max | BLQ |

Shelf life is guaranteed for three years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.