



## Shay and Company

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

**Coconut Oil, Extra Virgin, Organic**

**Lot# 25132-0**

**Country of Origin: Philippines**

**Manufacture Date: 05/2025**

**Expiration Date: 05/2028**



**Ingredient Name (INCI):** Cocos Nucifera (Organic Coconut Oil)

**Composition:** 100% Coconut Oil

**Packaging:** Gallons, Drums, Pails, Buckets

**Description:** White when solid, clear when liquid, coconut smell and taste

**Applications:** Skincare, Soap Manufacturing

**Certificates:** Kosher, Organic, non-GMO

**Method of Extraction:** Cold pressed

**Plant Part Used:** Dried Flesh

**Ingredient Composition:** 100% Coconut Oil

**Vegan:** Yes

**Gluten Free:** Yes

**Allergen:** Coconut oil is from coconuts

**Food Grade:** Yes

**Saponification Value:** 250-264 mg/KOH/Kg

| Attributes                         | Results               | Range                 | Method         |
|------------------------------------|-----------------------|-----------------------|----------------|
| Color/Appearance                   | Clear to light yellow | Clear to Light Yellow | Visual         |
| Flavor                             | Mild, fresh, coconut  | Mild, fresh, coconut  | Organoleptic   |
| Aroma                              | Coconut               | Coconut               | Organoleptic   |
| FFA as Lauric (%)                  | 0.06                  | <0.1                  | Titrimetric    |
| Moisture and Impurities (%)        | <0.1                  | <0.2                  | Oven Method    |
| Iodine Value                       | 5.6                   | 5.0 - 11.0            | AOCS Cd 1 - 25 |
| Peroxide Value (meq/kg)            | <0.5                  | <1.5                  | Titrimetric    |
| Saponification Value (annual test) | 257                   | 248 - 265             | AOCS Cd 3 - 25 |
| Melting Point °C (annual test)     | 25°C                  | 23 - 26               | AOCS Cc 1 - 25 |

### Microbiological

|                              |          |               |     |
|------------------------------|----------|---------------|-----|
| Aerobic Plate Count (cfu/ml) | <10      | Not Specified | BAM |
| Yeast & Mold (cfu/ml)        | 10       | Not Specified | BAM |
| Coliform                     | <10      | Not Specified | BAM |
| E. coli (cfu/g)              | <10      | Not Specified | BAM |
| Salmonella (2 x 375 g)       | Negative | Not Specified | BAM |

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| <b>Free Fatty Acid Profile</b> |      |        |  |
|--------------------------------|------|--------|--|
| C:8 Caprylic Acid              | 7.45 | 5-10   |  |
| C:10 Capric Acid               | 5.81 | 4-9.7  |  |
| C:12 Lauric Acid               | 47.9 | 44-55  |  |
| C:14 Myristic Acid             | 19.3 | 13-21  |  |
| C:16 Palmitic                  | 8.97 | 5.5-11 |  |
| C:18:2 Linoleic Acid           | 1.02 | 0.25-4 |  |

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.