



## Organic Fractionated Coconut Oil

INCI: Cocos Nucifera (Coconut) Oil

Product ID: ORGOILFCOLK278\_100

### Specifications

#### Analytical Details

**Appearance:**

**Color:**

**Odor:**

**Color (APHA):**

**Relative Density (20 °C):**

**Refractive Index (20 °C):**

**Alkaline Impurities:**

**Moisture (105 °C):**

**Viscosity:**

**Peroxide Value:**

**Hydroxyl Value:**

**Acid Value:**

**Iodine Value:**

**Saponification Value:**

#### Methods

Visual

Visual

Organoleptic

ASTM D 1209-84

Anton Paar DMA 38

ATAGO Abbe Refractometer

EP

SHIMADZU MOC120H

EP

EP

EP

EP

EP

EP

#### Specifications

Clear Liquid

Colorless to Slightly Yellow

Characteristic of Fresh Coconut

≤ 50

0.9300 - 0.9600

1.4400 - 1.4520

≤ 0.15 mL

≤ 0.10%

25.0 - 33.0 mPa.s

≤ 1.0 meq/kg

≤ 10.0 mg KOH/g

≤ 0.2 mg KOH/g

≤ 1.0 g I<sub>2</sub>/100g

310.0 - 360.0 mg KOH/g

#### Fatty Acid Profile

**C6:0 Caproic:**

**C8:0 Caprylic:**

**C10:0 Capric:**

**C12:0 Lauric:**

**C14:0 Myristic:**

**≥ C16:0:**

SHIMADZU 2010 plus GC with

ZB-FAME column & QP 2010

Plus GCMS

≤ 2.0%

50.0 - 80.0%

20.0 - 50.0%

≤ 3.0%

≤ 1.0%

Absent

#### Heavy Metals

**Mercury:**

**Cadmium:**

**Arsenic:**

**Copper:**

**Lead:**

EP

EP

AOAC 986.15

EP

EP

≤ 0.007 mg/kg

≤ 0.04 mg/kg

≤ 0.1 mg/kg

≤ 0.04 mg/kg

≤ 0.1 mg/kg

## NATURAL SOURCING®

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**Microbiological**

<b>Total Plate Count:</b>	AOAC	< 1000 CFU/g
<b>Yeast &amp; Mold:</b>	AOAC	< 100 CFU/g
<b>Salmonella:</b>	AOAC	Absent
<b>E. Coli:</b>	AOAC	Absent
<b>Total Coliform:</b>	AOAC	Absent
<b>Aflatoxin (B1, B2, G1, G2):</b>	AOAC	Absent

**Shelf Life:** 2 Years

**Date:** 11/21/2019

Disclaimer: All information, appearing herein on our products is based upon data that are believed to be reliable. However, it is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee, express or implied, is made by Natural Sourcing of the product nor does Natural Sourcing assume any liability arising out of use, by others, of the product referred to herein.

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