



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 I₂/100g

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**

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

Shelf Life: 2 Years

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Date: 09/09/2024

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