



Organic Virgin Coconut Oil
INCI: Cocos Nucifera (Coconut) Oil
Product ID: ORGOILVCOIN1142

Specifications

Analytical Details

Appearance:
Odor:
Moisture:
***Color (Lovibond):**
Relative Density (30 °C):
Refractive Index (40 °C):
Insoluble Impurities:
Free Fatty Acid (as Oleic):
Saponification Value:
Unsaponifiable Matter:
Iodine Value:
Polenske Value:
Peroxide Value:
Acid Value:
Volatile Matter (120 °C):

Methods

Visual
Organoleptic
IS 548 part 1 1964 RA 2015
IS 548 part 1 1964 RA 2015
IS 548 part 1 1964 RA 2015
IS 548 part 1 1964 RA 2015
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IS 548 part 1 1964 RA 2015
IS 548 part 1 1964 RA 2015

Specifications

Clear, Colorless Liquid Oil
Fresh Coconut
< 0.10%
Not Specified
0.910 - 0.920
1.4480 - 1.4492
≤ 0.05%
≤ 0.2% by weight
≥ 250 mg KOH/g
≤ 0.5%
5 - 6
≥ 13
≤ 2.0 meq/kg
≤ 1.0 mg KOH/g
≤ 0.2%

Fatty Acid Profile

C6:0 Caproic:	MOA / GC / 04 (GC-FID)	0.10 - 0.95%
C8:0 Caprylic:	AOAC 5th Edition	4 - 10%
C10:0 Capric:	AOAC 5th Edition	4 - 8%
C12:0 Lauric:	AOAC 5th Edition	45 - 56%
C14:0 Myristic:	AOAC 5th Edition	16 - 21%
C16:0 Palmitic:	AOAC 5th Edition	7.5 - 10.2%
C18:0 Stearic:	AOAC 5th Edition	2 - 4%
C18:1 Oleic:	AOAC 5th Edition	4.5 - 10%
C18:2 Linoleic:	IS 548 part 1 1964 RA 2015	0.7 - 2.5%

Microbiological

Total Plate Count: IS 5402:2012 < 10 cfu/g

Shelf Life: 2 Years

***Color on Lovibond Scale expressed as Y + 5R (1" cell).**

Date: 12/27/2021

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