

Product - Specification

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Product / Trading-Name: **Coconut oil refined organic DE-ÖKO-001**

Description: Refined coconut oil is the fatty oil obtained from the dried, solid part of the endosperm of *Cocos nucifera* L.. It is then refined.

Product No.: 100130
CAS No.: 8001-31-8
EINECS No.: 232-282-8
INCI Name: Cocos Nucifera Oil

Properties: A white or almost white, unctuous mass, practically insoluble in water, freely soluble in methylene chloride and in light petroleum, very slightly soluble in alcohol.

Parameter	Method	Unit	Value
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Physical and Chemical Characteristics

acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 0,6
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 5,0
refractive index (40 °C)	Ph. Eur. [2.2.6]		ca. 1,449
iodine value	Ph. Eur. [2.5.4]	g I2/100g	6,0 - 13,0

Fatty Acid Composition (GC of FAMES)

6:0 caproic acid	Ph. Eur. [2.4.22]	%	max. 1,5
8:0 caprylic acid	Ph. Eur. [2.4.22]	%	4,0 - 11,0
10:0 capric acid	Ph. Eur. [2.4.22]	%	4,0 - 11,0
12:0 lauric acid	Ph. Eur. [2.4.22]	%	40,0 - 52,0
14:0 myristic acid	Ph. Eur. [2.4.22]	%	13,0 - 22,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	6,0 - 12,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 5,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	3,0 - 12,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	max. 4,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 0,2
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 0,2
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	max. 0,2

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry. Storage temperature for boxes should not exceed 20 °C.

Residual Solvents:

It complies with the guideline CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents).

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