

# Product - Specification

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Reg-No.: Sp100320f

Rev-No.: f

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

**Description:** Coconut oil is the fatty oil obtained from the dried, solid part of the endosperm of *Cocos nucifera* L.

**Product No.:** 100320

**CAS No.:** 8001-31-8

**EINECS No.:** 232-282-8

**INCI Name:** Cocos Nucifera Oil

**Properties:** A white or almost white, unctuous mass with typical odour, 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. 2,0
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	5,0 - 11,0

## 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]	%	15,0 - 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 - 10,0
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.**

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