

Product - Specification

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Reg-No.: Sp200120b

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Product / Trading-Name: **Peanut oil cold pressed organic DE-ÖKO-001**

Description: Peanut oil cold pressed is the fatty oil obtained by cold expression and filtration from the shelled seeds of *Arachis hypogaea* L.

Product No.: 200120

CAS No.: 8002-03-7

EINECS No.: 232-296-4

INCI Name: *Arachis Hypogaea* Oil

Properties: A golden yellow oil with a characteristic smell and odour. It is insoluble in water

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 4,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		1,460 - 1,472
relative density (20 °C)	Ph. Eur. [2.2.5]		0,911 - 0,925

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	5,0 - 14,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 4,5
18:1 oleic acid	Ph. Eur. [2.4.22]	%	35,0 - 80,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	4,0 - 43,0
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	0,7 - 2,0
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	0,7 - 3,2
22:0 behenic acid	Ph. Eur. [2.4.22]	%	1,5 - 4,5
24:0 lignoceric acid	Ph. Eur. [2.4.22]	%	0,5 - 2,5

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

Residual Solvents:

It complies with the guideline CPMP/ICH/82260/2006 (residual solvents)

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