

# Product - Specification

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Reg-No.: Sp200020b

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Product / Trading-Name: **Peanut oil cold pressed**

**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.:** 200020

**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
<b><u>Physical and Chemical Characteristics</u></b>			
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)**

< C 16	Ph. Eur. [2.4.22]	%	max. 0,4
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
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 0,5
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
22:1 erucic acid	Ph. Eur. [2.4.22]	%	max. 0,6
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 CHMP/ICH/82260/2006 (residual solvents)

<b>Created:</b>	AS	<b>Checked:</b>	AW	<b>Released:</b>	MT
<b>Date:</b>	07.12.20	<b>Date:</b>	08.12.20	<b>Date:</b>	09.12.20

