

Product - Specification

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Product / Trading-Name: **Peanut (Arachis) oil refined Ph. Eur. 11.0**

Description: Peanut oil is the refined fatty oil obtained from the shelled seeds of Arachis hypogaea L.
Product No.: 200031
CAS No.: 8002-03-7
EINECS No.: 232-296-4
INCI Name: Arachis Hypogaea Oil
Properties: A clear, yellowish, viscous liquid. Very slightly soluble in ethanol (96 %); miscible with light petroleum. It solidifies at about 2 °C.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 0,5
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 5,0
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,915
alkaline impurities	Ph. Eur. [2.4.19]		complies with
unsaponifiable matter	Ph. Eur. [2.5.7]	%	max. 1,0
water	Ph. Eur. [2.5.32]	%	max. 0,1

Fatty Acid Composition (GC of FAMES)

< C 16 (saturated)	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]	%	1,3 - 6,5
18:1 oleic acid	Ph. Eur. [2.4.22]	%	35,0 - 76,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	8,0 - 43,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 0,6
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	0,5 - 3,0
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	0,5 - 3,0
22:0 behenic acid	Ph. Eur. [2.4.22]	%	1,0 - 5,0
22:1 erucic acid	Ph. Eur. [2.4.22]	%	max. 0,5
24:0 lignoceric acid	Ph. Eur. [2.4.22]	%	0,5 - 3,0

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).

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