

Product - Specification

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Product / Trading-Name: **Pistachio nut oil refined**

Description: Pistachio nut oil is the refined fatty oil obtained from the shelled nuts of Pistacia vera L.

Product No.: 228030

CAS No.: 90082-81-8

EINECS No.: 290-173-0

INCI Name: Pistacia Vera Seed Oil

Properties: A light yellowish to light greenish, viscous oil. Very slightly soluble in ethanol(96%); miscible with ether and with petroleum spirit.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 1,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,472
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,915

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	8,0 - 15,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 3,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 3,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	45,0 - 58,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	27,0 - 37,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 2,0

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 CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)

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