

Product - Specification

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Reg-No.: Sp385020c

Rev-No.: c

Printing Date: 10. March 2023

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Product / Trading-Name: **Pomegranate seed oil cold pressed**

Description: Pomegranate seed oil is obtained from the seeds of Punica Granatum L. by cold expression.
The oil has no approval as Novel Food according to Reg. (EU) 2015/2283 in the EU.

Product No.: 385020

CAS No.: 84961-57-9

EINECS No.: 284-646-0

INCI Name: Punica Granatum Seed Oil

Properties: A yellow to reddish, viscous oil with characteristic odour.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 7,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 15,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,52
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,940

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	2,0 - 5,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 0,5
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 3,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	4,0 - 20,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	4,0 - 15,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 1,0
conjugated di- and trienic fatty acids	Ph. Eur. [2.4.22]	%	min. 60,0

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)

Created:	AS	Checked:	BZ	Released:	MT
Date:	10.01.23	Date:	10.01.23	Date:	11.01.23

