

Product - Specification

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Reg-No.: Sp360030b

Rev-No.: b

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Product / Trading-Name: **Grape seed oil refined**

Description: Grape seed oil is the fatty oil obtained from the seeds of *Vitis vinifera* by extraction or expression and subsequent refining.

Product No.: 360030

CAS No.: 85594-37-2 / 84929-27-1 / 8024-22-4

EINECS No.: 287-896-9 / 284-511-6 / -

INCI Name: Vitis Vinifera Seed Oil

Properties: A yellow to yellow-green, clear oil. It has a slight and characteristic odour.

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]		1,470 - 1,477
relative density (20 °C)	Ph. Eur. [2.2.5]		0,913 - 0,926
iodine value	Ph. Eur. [2.5.4]	g I2/100g	125,0 - 150,0

Fatty Acid Composition (GC of FAMES)

14:0 myristic acid	Ph. Eur. [2.4.22]	%	max. 1,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	3,0 - 9,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	3,0 - 6,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	12,0 - 28,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	58,0 - 78,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 2,0
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 1,0
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	max. 1,0

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/82260/2006 (residual solvents).

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