

Product - Specification

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

Description: Pumpkin Seed Oil is obtained by expression from the seeds of Cucurbita pepo L..
Product No.: 320020
CAS No.: 8016-49-7 / 89998-03-8
EINECS No.: - / 289-741-0
INCI Name: Cucurbita Pepo Seed Oil
Properties: A dark green to black oil. It has a characteristic odour and taste. It is insoluble in water; soluble in petroleum spirit.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 4,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 15,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,472
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,920
iodine value	Ph. Eur. [2.5.4]	g I2/100g	100,0 - 140,0

Fatty Acid Composition (GC of FAMES)

< C 16	Ph. Eur. [2.4.22]	%	max. 2,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	6,0 - 15,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	3,0 - 13,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	21,0 - 47,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	34,0 - 61,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 2,0
other fatty acids	Ph. Eur. [2.4.22]	%	max. 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 CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)

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