

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 |
| <u>Fatty Acid Composition (GC of FAMES)</u> | | | |
| < 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.

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