

# Product - Specification

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Product / Trading-Name: **Pumpkin seed oil pressed not toasted organic DE-ÖKO-001**

**Description:** Pumpkin Seed Oil is obtained by expression from not toasted organic seeds of Cucurbita pepo L..

**Product No.:** 320160

**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 with a characteristic odour and a typical taste. It is insoluble in water; soluble in petroleum spirit.

| Parameter   | Method           | Unit      | Value     |
|---|------------------|-----------|-----------|
| <b><u>Physical and Chemical Characteristics</u></b> |                  |           |           |
| acid value  | Ph. Eur. [2.5.1] | mg KOH/g  | max. 7,0  |
| peroxide value                                      | Ph. Eur. [2.5.5] | meq O2/kg | max. 20,0 |
| refractive index (20 °C)                            | Ph. Eur. [2.2.6] |           | ca. 1,472 |
| relative density (20 °C)                            | Ph. Eur. [2.2.5] |           | ca. 0,920 |

### **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 - 16,0  |
| 18:0 stearic acid   | Ph. Eur. [2.4.22] | % | 3,0 - 8,0   |
| 18:1 oleic acid     | Ph. Eur. [2.4.22] | % | 18,0 - 47,0 |
| 18:2 linoleic acid  | Ph. Eur. [2.4.22] | % | 36,0 - 62,0 |
| 18:3 linolenic acid | Ph. Eur. [2.4.22] | % | max. 3,0    |
| other fatty acids   | Ph. Eur. [2.4.22] | % | max. 4,0    |

### **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)

|                 |          |                 |          |                  |          |
|-----------------|----------|-----------------|----------|------------------|----------|
| <b>Created:</b> | AS       | <b>Checked:</b> | LL       | <b>Released:</b> | CD       |
| <b>Date:</b>    | 01.03.17 | <b>Date:</b>    | 01.03.17 | <b>Date:</b>     | 01.03.17 |

