

# Product - Specification



Product / Trading-Name: **Perilla oil virgin organic EU und NOP according to NOP final rules certified by BCS DE-ÖKO-001**

**Description:** Virgin oil obtained by cold expression from ripe seeds of *Perilla frutescens*, Labiatae (syn: *Perilla ocymoides*, Labiatae).  
**Product No.:** 3067 Perillaolja kallpressad eko  
**CAS No.:** 90082-61-4  
**EINECS No.:** 290-151-0  
**INCI Name:** Perilla Ocymoides Seed Oil  
**Properties:** Yellow liquid with characteristic odor and taste; on exposure to air turning dark and gradually thickening. Very slightly soluble in alcohol, miscible with light petroleum.

Parameter	Method	Unit	Value
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## Physical and Chemical Characteristics

acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 4,0
peroxide value	Ph. Eur. [2.5.5]	meq O <sub>2</sub> /kg	max. 15,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,480
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,931

## Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	5,0 - 8,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 3,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	10,0 - 22,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	11,0 - 20,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	44,0 - 70,0
other fatty acids	Ph. Eur. [2.4.22]	%	max. 2,0

### 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

