

Product - Specification

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Reg-No.: Sp318320c

Rev-No.: c

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Product / Trading-Name: **Perilla oil virgin organic DE-ÖKO-001**

Description: Virgin oil obtained by cold expression from ripe seeds of *Perilla frutescens*, Labiatae (syn: *Perilla ocymoides*, Labiatae).

Product No.: 318320

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 O2/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)

Created: AS

Checked: LL

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