

# Product - Specification

**gustavheess**  
group of companies since 1897

Reg-No.: Sp318020c

Rev-No.: c

Printing Date: 29. January 2026

Page: 1

Product / Trading-Name: **Perilla oil cold pressed**

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

**Product No.:** 318020

**CAS No.:** 90082-61-4

**EINECS No.:** 290-151-0

**INCI Name:** Perilla Ocymoides Seed Oil

**Properties:** Yellow liquid with characteristic odour and taste; on exposure to air turning dark and gradually thickening. Very slightly soluble in alcohol, miscible with light petroleum.

Parameter	Method	Unit	Value
-----------	--------	------	-------

## 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.**

**Created:** PS

**Checked:** JF

**Released:** MD

**Date:** 17.12.25

**Date:** 17.12.25

**Date:** 17.12.25

