

# Product - Specification

**gustavheess**  
group of companies since 1897

Reg-No.: Sp214031e

Rev-No.: e

Printing Date: 26. March 2024

Page: 1

Product / Trading-Name: **Rapeseed oil refined solvent extracted Ph. Eur. 11.0**

**Description:** Rapeseed oil is the fatty oil obtained from the seeds of Brassica napus L. and Brassica campestris L. by mechanical expression or by extraction. It is then refined.

**Product No.:** 214031

**CAS No.:** 8002-13-9 / 89958-03-2

**EINECS No.:** 232-299-0 / 289-624-4

**INCI Name:** Brassica Campestris Seed Oil / Brassica napus seed oil

**Properties:** A clear, light yellow liquid; practically insoluble in water and in ethanol (96%); miscible with light petroleum (bp: 40 - 60 °C).

Parameter	Method	Unit	Value
<b><u>Physical and Chemical Characteristics</u></b>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 0,5
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,473
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,917
alkaline impurities	Ph. Eur. [2.4.19]		complies with
unsaponifiable matter	Ph. Eur. [2.5.7]	%	max. 1,5
water	Ph. Eur. [2.5.32]	%	max. 0,1

### **Fatty Acid Composition (GC of FAMES)**

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	2,5 - 6,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 3,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	50,0 - 67,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	16,0 - 30,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	6,0 - 14,0
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	max. 5,0
22:1 erucic acid	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>	AW	<b>Released:</b>	MT
<b>Date:</b>	09.12.22	<b>Date:</b>	12.12.22	<b>Date:</b>	13.12.22

