

Product - Specification

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Reg-No.: Sp214031f

Rev-No.: f

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Page: 1

Product / Trading-Name: **Rapeseed oil refined solvent extracted Ph. Eur. 12**

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
Physical and Chemical Characteristics			
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

Version Ph.Eur.:

This specification complies with the current version of the Ph.Eur.

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

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