

Product - Specification

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Reg-No.: Sp214122d
Rev-No.: d

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Product / Trading-Name: **Rapeseed oil refined organic DE-ÖKO-001**

Description: Rapeseed oil refined, organic is the fixed oil obtained by expression and following refining from the organically grown seeds of Brassica napus L. and Brassica rapa L. (Cruciferae).

Product No.: 214122

CAS No.: 8002-13-9

EINECS No.: 232-299-0

INCI Name: Brassica Campestris Seed Oil

Properties: A light yellow to yellow liquid with characteristic odor and taste.

It is insoluble in water and ethanol (96 %); soluble in ether and petroleum spirit.

Parameter	Method	Unit	Value
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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. 5,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,473
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,917

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]	%	5,0 - 14,0
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 3,0
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	max. 5,0
22:0 behenic acid	Ph. Eur. [2.4.22]	%	max. 1,0
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.

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