

Product - Specification

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Reg-No.: Sp300120b

Rev-No.: b

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Product / Trading-Name: **Soybean oil cold pressed organic DE-ÖKO-001**

Description: Organic soybean oil is obtained from the organically grown seeds of Glycine soja Sieb and Zucc. and Glycine max (L.) Merr.(G. hispida (Moench) Maxim.) by cold expression

Product No.: 300120

CAS No.: 8001-22-7

EINECS No.: 232-274-4

INCI Name: Glycine Soja Oil

Properties: A yellow to brown oil with typical odour and taste; practically insoluble in ethanol, miscible with ether and with 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. 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. 1,475
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,922

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	7,0 - 14,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 6,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	17,0 - 30,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	44,0 - 62,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	4,0 - 11,0

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 CHMP/ICH/82260/2006 (residual solvents)

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