

Product - Specification

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Reg-No.: Sp300120b

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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 |
|-----------|--------|------|-------|
|-----------|--------|------|-------|

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)

Created: AS

Checked: AW

Released: MT

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