Product - Specification

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Reg-No.: Sp308120b
Rev-No.: b

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

Description: Sesame oil is the fixed oil obtained from the ripe seeds of Sesamum indicum L. by cold expression.
Product No.: 308120
CAS No.: 8008-74-0
EINECS No.: 232-370-6
INCI Name: Sesamum Indicum Seed Oil
Properties: A golden yellow liquid with a nutty odour.
Practically insoluble in ethanol; miscible with ether and 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. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		1,470 - 1,476
relative density (20 °C)	Ph. Eur. [2.2.5]		0,915 - 0,923
Fatty Acid Composition (GC of FAMEs)			
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	7,0 - 12,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	3,5 - 7,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	35,0 - 50,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	35,0 - 50,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 1,5
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 1,0

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)