

# Product - Specification

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Reg-No.: Sp308125d

Rev-No.: d

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

**Description:** Sesame oil is obtained from the roasted seeds of Sesamum indicum L. by mechanical means.

**Product No.:** 308125

**CAS No.:** 8008-74-0

**EINECS No.:** 232-370-6

**Properties:** A red to brown liquid with a roasted odour and taste.

Practically insoluble in ethanol; miscible with ether and petroleum spirit.

Parameter	Method	Unit	Value
<b><u>Physical and Chemical Characteristics</u></b>			
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]		ca. 1,473
relative density (20 °C)	Ph. Eur. [2.2.5]		0,917 - 0,925
iodine value	Ph. Eur. [2.5.4]	g I2/100g	103,0 - 118,0
<b><u>Fatty Acid Composition (GC of FAMES)</u></b>			
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. 1,5

**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:** BZ

**Released:** MT

**Date:** 02.01.23

**Date:** 09.01.23

**Date:** 10.01.23

