

# Product - Specification

**gustavheess**  
group of companies since 1897

Reg-No.: Sp340125a

Rev-No.: a

Printing Date: 11. June 2024

Page: 1

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

**Description:** Walnut Oil is the fixed oil of the fruits of the walnut tree (*Juglans regia* L.). The walnuts contain about 60 % oil. Before pressing the nuts are toasted.

**Product No.:** 340125

**CAS No.:** 840212-43-1 / 8024-09-7

**EINECS No.:** 281-688-1

**INCI Name:** Juglans Regia Seed Oil

**Properties:** A yellow to brown oil with typical odour and taste. It is insoluble in water.

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. 15,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		1,474 - 1,478
relative density (20 °C)	Ph. Eur. [2.2.5]		0,920 - 0,926

## **Fatty Acid Composition (GC of FAMES)**

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	6,0 - 8,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 0,5
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 3,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	14,0 - 21,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	54,0 - 65,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	9,0 - 15,0

## **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)

<b>Created:</b>	AS	<b>Checked:</b>	AW	<b>Released:</b>	CD
<b>Date:</b>	06.12.17	<b>Date:</b>	06.12.17	<b>Date:</b>	06.12.17

