

# Product - Specification

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Reg-No.: Sp212120c

Rev-No.: c

Printing Date: 10. March 2023

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

**Description:** Hazelnut oil is obtained from the kernels of the hazelnut bush (*Corylus avellana* L.) by cold expression. Hazelnuts contain about 58 % oil. The oil has a very high content of oleic acid.

**Product No.:** 212120

**CAS No.:** 84012-21-5

**EINECS No.:** 281-667-7

**INCI Name:** Corylus Avellana Seed Oil

**Properties:** A yellow to brown oil with a nutty odour and taste.  
It is insoluble in water; soluble in lipophilic solvents.

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. 1,470
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,914

## Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	4,0 - 9,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	0,8 - 4,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	66,0 - 86,7
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	5,2 - 25,0

### 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:** MT

**Released:** MT

**Date:** 27.12.22

**Date:** 28.12.22

**Date:** 28.12.22

