

# Product - Specification

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Reg-No.: Sp340020b

Rev-No.: b

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Product / Trading-Name: **Walnut oil cold pressed**

**Description:** Walnut Oil is the fixed oil of the fruits of the walnut tree (*Juglans regia* L.). The walnuts contain about 60 % oil. The oil is obtained by cold expression.

**Product No.:** 340020

**CAS No.:** 84012-43-1 / 8024-09-7

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

**INCI Name:** Juglans Regia Seed Oil

**Properties:** A yellow 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. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		1,470 - 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
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 CHMP/ICH/82260/2006 (residual solvents)

**Created:** AS

**Checked:** AZ

**Released:** MT

**Date:** 14.04.21

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