

Product - Specification

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Reg-No.: Sp340030b

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Product / Trading-Name: **Walnut oil refined**

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

Product No.: 340030

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

EINECS No.: 281-688-1

INCI Name: Juglans Regia Seed Oil

Properties: A pale yellow to golden yellow oil. It has a neutral odour and taste. It is insoluble in water.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 0,6
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 5,0
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 CHMP/ICH/82260/2006 (residual solvents)

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