

Product - Specification

gustavheess
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Reg-No.: Sp380031g

Rev-No.: g

Printing Date: 21. January 2026

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Product / Trading-Name: **Evening primrose oil pressed and refined Ph. Eur 12 min.9% GLA**

Description: Evening primrose oil is the fatty oil obtained from seeds of *Oenothera Biennis* L. or *Oenothera Lamarckiana* L. by expression. It is then refined.

Production: The oil is prepared using materials and methods to ensure that the content of brassicasterol in the sterol fraction of the oil is not greater than 0,3 %

Product No.: 380031

CAS No.: 90028-66-3

EINECS No.: 289-859-2

INCI Name: *Oenothera Biennis* Oil

Properties: Clear, light yellow to yellow liquid. Practically insoluble in water and in ethanol (96%), miscible with light petroleum (bp: 40-60 °C).

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 0,5
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,478
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,923
alkaline impurities	Ph. Eur. [2.4.19]		complies with
unsaponifiable matter	Ph. Eur. [2.5.7]	%	max. 2,5
water	Ph. Eur. [2.5.32]	%	max. 0,1

Fatty Acid Composition (GC of FAMES)

< C 16	Ph. Eur. [2.4.22]	%	max. 0,3
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	4,0 - 10,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 4,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	5,0 - 12,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	65,0 - 85,0
18:3 gamma linolenic acid	Ph. Eur. [2.4.22]	%	9,0 - 14,0
18:3 alpha linolenic acid	Ph. Eur. [2.4.22]	%	max. 0,5

Version Ph.Eur.:

This specification complies with the current version of the Ph.Eur.

Storage:

Continued

Created:	PS	Checked:	JF	Released:	MD
Date:	07.01.26	Date:	12.01.26	Date:	12.01.26



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Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.