

Product - Specification

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Product / Trading-Name: **Cotton seed oil refined**

Description: Cottonseed oil is the fatty oil obtained from the seeds of cotton (*Gossypium* spp.). It is then refined.

Product No.: 303030

CAS No.: 8001-29-4

EINECS No.: 232-280-7

INCI Name: Gossypium Herbaceum Seed Oil

Properties: A light yellow oil; miscible with petroleum spirit, nearly insoluble in ethanol.

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. 1,473
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,920

Fatty Acid Composition (GC of FAMES)

14:0 myristic acid	Ph. Eur. [2.4.22]	%	max. 2,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	17,0 - 28,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 2,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 4,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	13,0 - 25,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	45,0 - 60,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 2,0
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 1,0
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	max. 1,0

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)

Created: JG

Checked: AW

Released: Schw

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