

Product - Specification

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Reg-No.: Sp504031c

Rev-No.: c

Printing Date: 25. May 2022

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Product / Trading-Name: **Jojoba oil (Jojoba wax) refined DAC**

Description: Jojoba oil is the liquid wax obtained from the ripe seeds of Simmondsia chinensis (Link) Schneid. (Buxaceae) by expression without additional heating. It is then refined. Because of its structure (liquid wax, composed of wax esters with a high molecular weight) jojoba oil is not suitable for human consumption.

Product No.: 504031

CAS No.: 90045-98-0 [for Australia (AICS) / China (IECIC) 61789-91-1]

EINECS No.: 289-964-3

INCI Name: Simmondsia Chinensis Seed Oil

Properties: Clear, colourless to light yellow, oily liquid; faint odour. Below 10°C it solidifies to a soft granular substance. It is insoluble in water and ethanol, miscible with ether and petroleum spirit.

Parameter	Method	Unit	Value
Physical and Chemical Characteristics			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 1,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 5,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,466
appearance	DAC		complies with
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,868
colour (Ph. Eur.)	Ph. Eur.		lighter than G4
alkaline impurities	DAC		complies with
saponification value	Ph. Eur. [2.5.6]	mg KOH/g	90,0 - 98,0
unsaponifiable matter	Ph. Eur. [2.5.7]	%	45,0 - 55,0

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	DAC	%	max. 3,0
16:1 palmitoleic acid	DAC	%	max. 1,0
18:1 oleic acid	DAC	%	5,0 - 15,0
20:1 eicosenoic acid	DAC	%	65,0 - 80,0
22:0 behenic acid	DAC	%	max. 1,0
22:1 erucic acid	DAC	%	10,0 - 20,0
24:1 nervonic acid	DAC	%	max. 3,0
other fatty acids	DAC	%	max. 3,0

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:	BZ	Released:	MT
Date:	29.07.21	Date:	29.07.21	Date:	02.08.21

