

Product - Specification

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Reg-No.: Sp208120c

Rev-No.: c

Printing Date: 31. May 2024

Page: 1

Product / Trading-Name: **Almond oil cold pressed organic DE-ÖKO-001**

Description: Almond Oil is the fixed oil obtained by cold expression from the ripe seeds of *Prunus dulcis* (Miller) D.A. Webb var. *dulcis* or *Prunus dulcis* (Miller) D.A. Webb var. *amara* (D.C.) Buchheim or a mixture of the two varieties.

Product No.: 208120

CAS No.: 8007-69-0 / 90320-37-9

EINECS No.: - / 291-063-5

INCI Name: *Prunus Amygdalus Dulcis* Oil

Properties: A yellow clear oil. Slightly soluble in ethanol; miscible with petroleum spirit. It solidifies at about -18 °C.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 4,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 15,0
relative density (20 °C)	Ph. Eur. [2.2.5]		0,911 - 0,920
<u>Fatty Acid Composition (GC of FAMES)</u>			
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	4,0 - 9,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 0,7
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 3,2
18:1 oleic acid	Ph. Eur. [2.4.22]	%	62,0 - 86,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	7,0 - 30,0
18:3 linolenic 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.

Created: PS

Checked: MT

Released: MT

Date: 22.02.24

Date: 26.02.24

Date: 26.02.24

