

Product - Specification

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Product / Trading-Name: **Almond oil cold pressed**

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.: 208020

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. 10,0
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. 1,0
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.

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