

Technical Data Sheet

Version: 1.0 EN

Cold-pressed almond oil

Article number: D10455

General Information

Origin	Almond oil is obtained from the seeds of the sweet almond (<i>Prunus Amygdalus Dulcis</i>). After extraction, it is gently cold-pressed and refined.
CAS Number	8007-69-0, 90320-37-9
EC Number	291-063-5
INCI	PRUNUS AMYGDALUS DULCIS OIL
Appearance	Light yellow, clear liquid
Packaging	200 kg drum and small containers
Shelf life	24 months
Applications	Cosmetic application
Allergens	The product contains nuts (almonds).
Compliance	Regulation (EU) No. 1107/2009, Regulation (EC) No. 1223/2009, Regulation (EC) No. 834/2007

Specification Values

Parameter	Value
Relative density (20°C)	0.910 - 0.915
Acid number	< 0.5 mg KOH/g
Peroxide number	< 5.0 meq O ₂ /kg
Saponification number	190 - 200
Iodine number	78 - 141
E.coli	< 10 CFU/g
Salmonella	undetectable in 25g
Arsenic	absent
Cadmium	absent
Mercury	absent
Lead	< 5 mg/kg

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Fatty acid profile

C16:0 Palmitic acid	4,0 – 9,0%
D16:1 Palmitoleic acid	< 0,6%
C18:0 Stearic acid	4,0%
C18:1 ω 9c Oleic acid	62,0 – 86,0%
C18:2 ω 6c Linoleic acid	20,0 – 30,0%
C18:3 ω 3 Linolenic acid	< 2,0%
C20:0 Arachidic acid	$\leq$ 0,2%
C22:1 Behenic acid	$\leq$ 0,1%

Additional Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

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