

# Product - Specification

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Reg-No.: Sp216120d

Rev-No.: d

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

**Description:** Apricot Kernel Oil is obtained by expression from the kernels of apricots (*Prunus armeniaca*). The kernels contain about 40 - 50 % fixed oil.

**Product No.:** 216120

**CAS No.:** 68650-44-2 / 72869-69-3

**EINECS No.:** 272-046-1 / 615-861-3

**INCI Name:** Prunus Armeniaca Kernel Oil

**Properties:** A yellow to dark yellow oil. It has a characteristic odour and taste. It is insoluble in water and slightly soluble in ethanol; soluble in lipophilic solvents.

Parameter	Method	Unit	Value
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## Physical and Chemical Characteristics

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
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,472
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,918

## Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	3,0 - 10,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 1,5
18:0 stearic acid	Ph. Eur. [2.4.22]	%	0,5 - 4,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	54,0 - 70,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	20,0 - 35,0
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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