

Product - Specification

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Reg-No.: Sp224030d

Rev-No.: d

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Product / Trading-Name: **Peach kernel oil refined**

Description: Peach kernel Oil is obtained from the kernels of peaches (*Prunus persica*). The kernels contain about 32 - 45 % fixed oil. The oil is produced by expression and subsequent refining.

Product No.: 224030

CAS No.: 8002-78-6 / 8023-98-1 / 84012-34-0

EINECS No.: - / - / 281-678-7

INCI Name: Prunus Persica Kernel Oil

Properties: A pale yellow to golden yellow clear oil. It has a slight and characteristic odour and a mild taste. It is insoluble in water; soluble in lipophilic solvents.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 2,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
relative density (20 °C)	Ph. Eur. [2.2.5]		0,910 - 0,920

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	4,0 - 7,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 1,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 6,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	55,0 - 72,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	17,0 - 30,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 1,5
other fatty acids	Ph. Eur. [2.4.22]	%	max. 1,5

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

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