

Product - Specification

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Product / Trading-Name: **Sea buckthorn oil**

Description: Sea buckthorn oil is obtained by a special solvent-free process from fresh or deep-frozen berries of sea buckthorn (*Hippophae rhamnoides* L.).

Product No.: 202020

CAS No.: 225234-03-7 / 90106-68-6

EINECS No.: - / 290-292-8

INCI Name: Hippophae Rhamnoides Oil, Hippophae Rhamnoides Fruit Oil

Properties: A orange to red oil with a characteristic fruity odour. The oil can be partially solidified at temperatures of 20 ° C.

Parameter	Method	Unit	Value
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Physical and Chemical Characteristics

acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 10,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,468
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,916

Fatty Acid Composition (GC of FAMES)

< C 16	Ph. Eur. [2.4.22]	%	max. 1,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	25,0 - 45,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	min. 20,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 2,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	15,0 - 35,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	1,0 - 7,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 3,0

Storage:

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

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