

Product - Specification

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Product / Trading-Name: **Rose hip kernel oil refined organic DE-ÖKO-001**

Description: Rose Hips Kernel Oil is obtained from the kernels of rose hips (Rosa Canina or Rosa Moschata) by cold expression and following refining.

Product No.: 370122

CAS No.: 84696-47-9 / 84603-93-0

EINECS No.: 283-652-0 / -

INCI Name: Rosa Canina Fruit Oil or Rosa Moschata Seed Oil

Properties: Orange oil, 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. 1,5
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		1,470 - 1,485
relative density (20 °C)	Ph. Eur. [2.2.5]		0,920 - 0,950

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	2,0 - 5,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 3,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	13,0 - 18,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	35,0 - 48,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	25,0 - 38,0
20:0 arachidic 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.

Residual Solvents:

It complies with the guideline CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)

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