

Product - Specification

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Page: 1

Product / Trading-Name: **Rose hip kernel oil cold pressed**

Description: Rose Hip Kernel Oil is obtained from the kernels of rose hips (Rosa Canina or Rosa Moschata or Rosa Rubiginosa) by mechanical expression.

Product No.: 370020

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

EINECS No.: 283-652-0 / -

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

Properties: Orange to red oil with characteristic odour. 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. 4,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 15,0
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
<u>Fatty Acid Composition (GC of FAMES)</u>			
18:1 oleic acid	Ph. Eur. [2.4.22]	%	13,0 - 18,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	35,0 - 50,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	22,0 - 38,0

Storage:

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

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