

Product - Specification

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Product / Trading-Name: **Palmkerneloil refined organic IP CU-RSPO SCC-818895
DE-ÖKO-001**

Description: Palm Kernel Oil is obtained from the kernels of the fruits of *Elaeis guineensis* L.. The kernels contain about 46 - 53 % oil. Palm kernel oil is obtained by expression and following physical refining.

Product No.: 104130

CAS No.: 8023-79-8

EINECS No.: 232-425-4

INCI Name: *Elaeis Guineensis* Kernel Oil

Properties: A white to yellow, solid (at 20°C) fat. It has a neutral odour and taste. It is insoluble in water; 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. 0,6
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 5,0
refractive index (40 °C)	Ph. Eur. [2.2.6]		ca. 1,451
colour (Lovibond 5 1/4") red	EN 1557		max. 3,5

Fatty Acid Composition (GC of FAMES)

8:0 caprylic acid	Ph. Eur. [2.4.22]	%	2,0 - 6,5
10:0 capric acid	Ph. Eur. [2.4.22]	%	2,5 - 5,0
12:0 lauric acid	Ph. Eur. [2.4.22]	%	44,0 - 55,0
14:0 myristic acid	Ph. Eur. [2.4.22]	%	12,5 - 18,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	6,5 - 12,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 3,5
18:1 oleic acid	Ph. Eur. [2.4.22]	%	11,0 - 20,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	1,0 - 4,5
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 0,5

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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