

# Product - Specification

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Reg-No.: Sp110032c  
Rev-No.: c

Printing Date: 8. January 2025  
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Product / Trading-Name: **Palm oil refined SG CU-RSPO SCC-818895**

**Description:** Palm Oil is obtained by expression of the flesh of the palm fruits (fruits of *Elaeis guineensis*) and following refining.

**Product No.:** 110032

**CAS No.:** 8002-75-3

**EINECS No.:** 232-316-1

**INCI Name:** *Elaeis Guineensis* Oil

**Properties:** A yellowish oil with a sweetish taste. It has a characteristic odour. It is insoluble in water, soluble in lipophilic solvents.

Parameter	Method	Unit	Value
<b><u>Physical and Chemical Characteristics</u></b>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 0,5
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 5,0
colour (Lovibond 5 1/4") red	EN 1557		max. 5,0

### **Fatty Acid Composition (GC of FAMES)**

12:0 lauric acid	Ph. Eur. [2.4.22]	%	max. 1,0
14:0 myristic acid	Ph. Eur. [2.4.22]	%	0,5 - 2,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	39,3 - 47,5
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 0,6
18:0 stearic acid	Ph. Eur. [2.4.22]	%	3,5 - 6,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	36,0 - 44,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	8,0 - 12,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 0,5
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 1,0
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	max. 0,4
22:0 behenic acid	Ph. Eur. [2.4.22]	%	max. 0,2

### **Storage:**

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

<b>Created:</b>	PS	<b>Checked:</b>	JL	<b>Released:</b>	MD
<b>Date:</b>	12.12.24	<b>Date:</b>	13.12.24	<b>Date:</b>	13.12.24

