

Product - Specification

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Reg-No.: Sp150030b

Rev-No.: b

Printing Date: 31. May 2024

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Product / Trading-Name: **Babassu oil refined**

Description: Babassu oil is the fixed oil obtained from the nuts of the babassu palm *Orbignya Oleifera* (Palmaceae). The kernels contain about 65 % oil.

Product No.: 150030

CAS No.: 91078-92-1

EINECS No.: 293-376-2

INCI Name: *Orbignya Oleifera* Seed Oil

Properties: A light yellow to white unctous mass with slight characteristic odour. 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. 2,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
iodine value	Ph. Eur. [2.5.4]	g I2/100g	10,0 - 22,0
slip melting point	Ph. Eur. [2.2.15]	°C	21 - 31

Fatty Acid Composition (GC of FAMES)

8:0 caprylic acid	Ph. Eur. [2.4.22]	%	2,0 - 8,0
10:0 capric acid	Ph. Eur. [2.4.22]	%	1,0 - 8,0
12:0 lauric acid	Ph. Eur. [2.4.22]	%	38,0 - 56,0
14:0 myristic acid	Ph. Eur. [2.4.22]	%	11,0 - 27,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	4,0 - 12,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 8,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	9,0 - 20,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	1,0 - 7,0
other fatty acids	Ph. Eur. [2.4.22]	%	max. 5,0

Storage:

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

Created: PS

Checked: JF

Released: MD

Date: 22.02.24

Date: 22.02.24

Date: 22.02.24

