

# Product - Specification

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Reg-No.: Sp330020d

Rev-No.: d

Printing Date: 2. July 2025

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Product / Trading-Name: **Sacha Inchi Oil cold pressed**

**Description:** Sacha Inchi Oil is the oil obtained by cold expression from the seeds of the Inca Peanut (Plukenetia Volubilis L.) growing in the Amazon region.

**Product No.:** 330020

**INCI Name:** Plukenetia Volubilis Seed Oil

**Properties:** Yellow to greenish liquid with characteristic odour and taste. Very slightly soluble in alcohol, miscible with light petroleum.

Parameter	Method	Unit	Value
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## Physical and Chemical Characteristics

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]		ca. 1,481
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,930

## Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	max. 6,0
16:1 palmitoleic acid	Ph. Eur. [2.4.22]	%	max. 1,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 5,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	min. 8,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	min. 31,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	min. 45,0
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 1,0
20:1 eicosenoic acid	Ph. Eur. [2.4.22]	%	max. 1,5

## **Storage:**

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

**Created:** PS

**Checked:** RK

**Released:** MD

**Date:** 26.05.25

**Date:** 27.05.25

**Date:** 27.05.25

