



Organic Sacha Inchi Oil

INCI: Plukenetia Volubilis (Sacha Inchi) Seed Oil

Product ID: ORGOILSACHEXPPE664

Specifications

Analytical Details

Appearance:

Odor:

Acid Value (% FFA):

Specific Gravity (@ 20 °C):

Iodine Value:

Refractive Index (@ 20 °C):

Peroxide Value:

Moisture & Volatiles:

Saponification Value:

Unsaponifiable Matter:

Methods

Organoleptic

Organoleptic

AOCS Ca 5a-40, 5th ed. 1998

AOCS Cd 8-53, 5th ed. 1998

Specifications

Clear, Yellow - Amber Liquid

Characteristic

< 5.0%

0.90 - 0.93

140 - 200 g I₂/100g

1.478 - 1.481

< 10 meq O₂/kg

< 0.3%

180 - 210 mg KOH/g

< 0.3%

Fatty Acid Profile

C16:0 Palmitic:

3.5 - 5.3%

C18:0 Stearic:

3.0 - 4.0%

C18:1 Oleic:

8.5 - 11.0%

C18:2 Linoleic:

35.0 - 38.0%

C18:3 Linolenic:

43.0 - 49.0%

Microbiological

Yeast & Mold:

AOAC 997.02

< 10 cfu/g

Staphylococcus Aureus:

FDA/BAM ON line Rev. A 1998 1995

< 10 cfu/g

E. Coli (MPN/g):

ICMSF Reimpresión 2000.1985

Absent

Salmonella Spp. (in 25g):

ICMSF Reimpresión 2000.1985

Absent

Shelf Life:

18 Months

Storage:

Store in original sealed container, in ambient temperatures, away from direct sunlight

Date: 01/08/2021

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