



Organic Tigernut Oil
NCI: Cyperus Esculentus Lativum (Tigernut) Root Oil
Product ID: ORGOILTIGERNUTES990

Specifications

Analytical Details

Appearance:

Odor:

Moisture:

Iodine Value:

Peroxide Value:

Free Fatty Acid (as Oleic):

Refractive Index:

Unsaponifiable Matter:

Flashpoint:

Specifications

Slightly Yellow to Pale Yellow Liquid

Characteristic

< 1.0%

75 - 83 g I₂/100g

≤ 5.0 meq O₂/kg

≤ 2.0%

Not Specified

1 - 2%

> 107 °C

Fatty Acid Profile

C14:0 Myristic: 0.05 - 0.15%

C15:0 Pentadecanoic: 0.01 - 0.03%

C16:0 Palmitic: 12.0 - 15.5%

C16:1 Palmitoleic: 0.2 - 0.4%

C17:0 Margaric: 0.06 - 0.1%

C17:1 Margaroleic: 0.03 - 0.07%

C18:0 Stearic: 2.5 - 7.5%

C18:1 Oleic: 64.0 - 74.0%

Trans-Oleic Isomers: 0.01 - 0.04%

C18:2 Linoleic: 10.2 - 13.5%

Trans-Linoleic Isomers: 0.01 - 0.03%

C18:3 Linolenic: 0.1 - 0.8%

Trans-Linolenic Isomers: 0.0 - 0.03%

C20:0 Arachidic: 0.4 - 1.0%

C20:1 Gadoleic: 0.15 - 0.4%

C22:0 Behenic: 0.05 - 0.2%

C24:0 Lignoceric: 0.1 - 0.4%

Others: 0.0 - 0.1%

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**Microbiological****Total Plate Count:**

Not Specified

Yeast:

Not Specified

Mold:

Not Specified

Enterobacteriae:

Not Specified

E. Coli:

Not Specified

Salmonella spp:

Not Specified

S. Aureus:

Not Specified

Shelf Life:

1 Year

Storage:

Store in a dry, well ventilated place away from light and with ambient temperatures of 10 - 30 °C.

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Date: 03/30/2020

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