



Organic Tigernut Oil

NCI: Cyperus Esculentus Lativum 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

≤ 15.0 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%

Shelf Life:

1 Year or more if stored in a dry, dark place.

Date: 10/08/2024

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