



Organic Prickly Pear Seed Oil

INCI: Opuntia Ficus Indica (Prickly Pear) Seed Oil
Product ID: ORGOILPRKPEAREXPFA718_100

Specifications

Analytical Details

Appearance:

Odor:

Relative Density (20 °C):

Peroxide Value:

Acidity Value:

UV Absorbance (270 nm):

Delta K (K 1% 1 cm):

Specifications

Clear Yellow-Green Oily Liquid

Characteristic

0.908 - 0.922

< 10 meq O₂/kg

< 0.8

0.20 - 0.30

Not Specified

Fatty Acid Profile

C12:0 Lauric:

≤ 0.1%

C14:0 Myristic:

0.1 - 0.3%

C16:0 Palmitic:

11 - 14%

C16:1 Palmitoleic:

0.5 - 0.7%

C18:0 Stearic:

3 - 4%

C18:1 Oleic:

18 - 22%

C18:2 Linoleic:

60 - 64%

C18:3 Linolenic:

0.2 - 0.4%

C20:0 Arachidic:

0.3 - 0.5%

C20:1 Gondoic:

0.1 - 0.3%

C22:0 Behenic:

0.1 - 0.3%

C22:1 Erucic:

0.3 - 0.5%

C24:0 Lignoceric:

0.1 - 0.3%

C24:1 Nervonic:

0.1 - 0.2%

Tocopherol Content

α-Tocopherol:

4 - 7%

β-Tocopherol:

< 1%

γ-Tocopherol:

87 - 94%

δ-Tocopherol:

4 - 7%

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**Phytosterol Content**

24 Methylenecholesterol:	0.1 - 0.5%
β-Sitosterol:	66.0 - 71.0%
Brassicasterol:	< 0.1%
Campestanol:	0.4 - 0.8%
Campesterol:	11.0 - 13.0%
Cholesterol:	0.8 - 1.2%
Clerosterol:	0.8 - 1.2%
Compound with RRT 0.80:	0.1 - 0.3%
Compound with RRT 0.92:	0.1 - 0.3%
Delta 5 Avenasterol:	3.8 - 4.7%
Delta 5,23 Stigmastadienol:	< 0.1%
Delta 5,24 Stigmastadienol:	0.7 - 1.1%
Delta 7 Avenasterol:	2.3 - 2.7%
Delta 7 Campesterol:	0.4 - 0.6%
Delta 7 Stigmastenol:	2.4 - 2.8%
Delta 7 Stigmasterol:	3.1 - 3.4%
Delta 7,9,11 Stigmastadienol:	< 0.1%
Sitostanol:	3.1 - 3.5%
Stigmasterol:	1.8 - 2.1%

Shelf Life: 2 Years**Date:** 12/05/2019

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