



Organic Virgin Date Kernel Oil
INCI: Phoenix Dactylifera (Date) Seed Oil
Product ID: ORGOILDATEVIRCPTN1165

Typical Analysis

Analytical Details

Appearance:

Color:

Odor:

Peroxide Value:

Acid Value:

Moisture:

Iodine Value:

Unsaponifiable Matter:

Saponification Number:

Tocopherol & Tocotrienols

α-Tocopherol:

β-Tocopherol:

γ-Tocopherol:

δ-Tocopherol:

α-Tocotrienol:

β-Tocotrienol:

γ-Tocotrienol:

δ-Tocotrienol:

Total Tocopherols:

Total Tocotrienols:

Total Vitamin E:

Heavy Metals

Arsenic:

Lead:

Cadmium:

Mercury:

Results

Liquid

Yellow

Characteristic

0.95 meq O₂/kg

0.81 mg KOH/g

0.07%

54.1

0.67%

233.1

17.3 µg/g

< 10.0 µg/g

20.9 µg/g

< 10.0 µg/g

246 µg/g

32.5 µg/g

24.3 µg/g

< 10.0 µg/g

38.2 µg/g

303 µg/g

341 µg/g

< 0.05 ppm

< 0.05 ppm

< 0.05 ppm

< 0.05 ppm

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**Fatty Acid Profile**

C8:0 Caprylic:	0.28%
C10:0 Capric:	0.39%
C12:0 Lauric:	22.54%
C14:0 Myristic:	10.25%
C15:0 Pentadecanoic:	0.05%
C16:0 Palmitic:	8.83%
C16:1 Palmitoleic:	0.09%
C17:0 Heptadecanoic:	0.07%
C18:0 Stearic:	3.25%
C18:1ω9 Oleic:	42.35%
C18:1ω7 Oleic:	0.50%
C18:2ω6 Linoleic:	10.06%
C18:3ω3 Linolenic:	0.06%
C20:0 Arachidic:	0.40%
C20:1ω9 Eicosanoic:	0.37%
C22:0 Behenic:	0.25%
C24:0 Lignoceric:	0.14%
Others:	0.12%

Shelf Life:

2 Years

Date: 05/15/2024

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