



## Organic Virgin Plum Oil

INCI: Prunus Domestica (Plum) Seed Oil

Product ID: ORGOILPLUMCPVIRFR433

### Specifications

#### Analytical Details

**Appearance:**

**Color:**

**Acid Value:**

**Oleic Acidity:**

**Peroxide Value:**

**Insoluble Impurities:**

**Moisture & Volatiles:**

#### Fatty Acid Profile

**C14:0 Myristic:**

**C16:0 Palmitic:**

**C16:1 (n-7c) Palmitoleic:**

**C17:1 (n-7c) Heptadecanoic:**

**C18:0 Stearic:**

**C18:1 (n-7c) cis-Vaccenic:**

**C18:1 (n-9c) Oleic:**

**C18:2 (n-6c) Linoleic:**

**C18:3 (n-3c)  $\alpha$ -Linolenic:**

**C20:0 Arachidic:**

**C20:1 (n-9c) Eicosenoic:**

**Mono-saturated Fatty Acids:**

**Poly-saturated Fatty Acids:**

**Saturated Fatty Acids:**

**Trans Fatty Acids:**

#### Methods

Organoleptic

Organoleptic

Internal Methodology

Internal Methodology

Internal Methodology

NF ISO 663

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Internal Methodology

Calculated

Calculated

Calculated

Calculated

#### Specifications

Clear Liquid

Golden Yellow to Green

< 6 mg KOH/g

< 2%

< 10 meq O<sub>2</sub>/kg

< 0.1%

≤ 0.4%

< 0.5%

4 - 9%

< 1.0%

< 0.2%

1 - 2%

< 2.0%

60 - 80%

15 - 25%

< 1.0%

< 0.3%

< 0.2%

65 - 80%

15 - 25%

5 - 10%

< 0.1%

#### Tocopherols & Tocotrienols Content

**$\alpha$ -Tocopherol Acetate:**

**$\alpha$ -Tocopherol:**

**$\beta$ -Tocopherol:**

**$\gamma$ -Tocopherol:**

**$\Delta$ -Tocopherol:**

**$\alpha$ -Tocotrienol:**

**$\beta$ -Tocotrienol:**

**$\gamma$ -Tocotrienol:**

**$\Delta$ -Tocotrienol:**

**Total Tocopherols & Tocotrienols:**

**Vitamin E Content:**

EN 12822:2014

EN 12822:2014

EN 12822:2014

EN 12822:2014

EN 12822:2014

NF EN ISO 9936:2006

NF EN ISO 9936:2006

NF EN ISO 9936:2006

NF EN ISO 9936:2006

Calculated

Calculated

< 5 mg/kg

40 - 140 mg/kg

< 10 mg/kg

540 - 750 mg/kg

20 - 60 mg/kg

< 10 mg/kg

< 10 mg/kg

< 10 mg/kg

< 10 mg/kg

600 - 900 mg/kg

10 - 25 mg/100g

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**\*Heavy Metals**

<b>Arsenic:</b>	Internal Methodology	< 0.05 mg/kg
<b>Cadmium:</b>	Internal Methodology	< 0.01 mg/kg
<b>Lead:</b>	Internal Methodology	< 0.04 mg/kg
<b>Mercury:</b>	Internal Methodology	< 0.005 mg/kg

**Microbiological**

<b>Mold:</b>	NF V08-036	< 100 cfu/g
<b>Salmonella:</b>	BRK 23/07-10/11	Negative / 25g
<b>Yeast:</b>	NF V08-036	< 100 cfu/g
<b>Aerobic Mesophilic Flora (30 °C):</b>	NF EN ISO 4833-1	< 200 cfu/g
<b>HA AC175: Candida Albicans:</b>	Internal Methodology	Negative
<b>Pseudomonas Species:</b>	Internal Methodology	Negative
<b>Coagulase-Positive Staphylococci:</b>	NF EN ISO 6888-3	Negative
<b>Enterobacteria:</b>	AES 10/07-01/08	< 10 cfu/g
<b>E. Coli:</b>	NF EN ISO 16649-3	Negative

**Additional Details**

<b>Cyanide Content (Total HCN):</b>	Internal Methodology	< 10 mg/kg
<b>*Ochratoxin A:</b>	Internal Methodology	< 1 µg/kg
<b>*Aflatoxins B1+B2+G1+G2:</b>	Internal Methodology	< 4 µg/kg
<b>*Aflatoxins B1:</b>	Internal Methodology	< 1 µg/kg
<b>*4 PAHs:</b>	Internal Methodology	< 0.5 µg/kg
<b>*Benzo(a)pyrene:</b>	Internal Methodology	< 0.5 µg/kg
<b>*Copper:</b>	Internal Methodology	< 0.4 mg/kg
<b>*Iron:</b>	Internal Methodology	< 5 mg/kg
<b>*Nickel:</b>	Internal Methodology	< 0.15 mg/kg
<b>*Tin:</b>	Internal Methodology	< 1 mg/kg

**\*Note: These parameters are not tested on each lot.**

**Shelf Life:** 2 Years

**Date:** 07/09/2024

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