



## Virgin Rose Hip Seed Oil

INCI: Rosa Moschata (Rose Hip) Seed Oil

Product ID: OILROSEHIPEXPVIREU742

### Specifications

#### Analytical Details

**Appearance:**

**Odor:**

**Acid Value:**

**Peroxide Value:**

**Moisture:**

**Refractive Index (20 °C):**

**Specific Gravity (20 °C):**

**Saponification Value:**

**Unsaponifiable Matter:**

#### Methods

Organoleptic

Organoleptic

ISO 660

ISO 3960

AOCS Ca2e:84(09)

ISO 6320

ISO 6883

ISO 3657

ISO 3596

#### Specifications

Clear, Orange Liquid Oil

Characteristic

≤ 4.0 mg KOH/g

≤ 10.0 meq/kg

≤ 0.1%

1.467 - 1.485

0.920 - 0.935 g/mL

175.0 - 195.0 mg KOH/g

≤ 2.0%

#### Fatty Acid Profile

**< C16:0:**

**C16:0 Palmitic:**

**C18:0 Stearic:**

**C18:1 Oleic:**

**C18:1 Cis-Vaccenic:**

**C18:2 Linoleic:**

**C18:3 α-Linolenic:**

**C20:0 Arachidic:**

**Others:**

ATM016A

ATM016A

ATM016A

ATM016A

ATM016A

ATM016A

ATM016A

ATM016A

ATM016A

≤ 0.3%

2.0 - 5.0%

≤ 3.0%

13.0 - 18.0%

≤ 2.0%

35.0 - 55.0%

20.0 - 38.0%

≤ 1.0%

≤ 5.0%

#### Heavy Metals

**Lead:**

**Cadmium:**

**Mercury:**

**Arsenic:**

ICPMS

ICPMS

ICPMS

ICPMS

≤ 0.1 ppm

≤ 0.05 ppm

≤ 0.05 ppm

≤ 0.1 ppm

#### Persistent Organic Pollutants

**Benzo (a) Pyrene:**

**Sum of B(a)P, B(a)A, B(b)F, Chrysene:**

**Sum of Dioxins and Furans**

**(as WHO-PCDD/F-TEQ/g):**

**Sum of Dioxins, Furans, Dioxin-like PCBs**

**(WHO-PCDD/F-PCB-TEQ/g):**

**PCBs (Sum 28, 52, 101, 138, 153, 180)**

**(Total 6 DIN-PCB):**

ISO 22959

ISO 22959

QMA504-341,HRMS

QMA504-341,HRMS

QMA504-341,HRMS

≤ 2.0 µg/kg

≤ 10.0 µg/kg

≤ 0.75 pg/g

≤ 1.25 pg/g

≤ 40 ng/g

## NATURAL SOURCING®

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**Microbiological****Total Viable Count (TVC):**

TP/006

≤ 1,000 cfu/g

**Salmonella:**

TP/018

None Detected

**Yeast & Mold:**

TP/008

≤ 100 cfu/g

**E. Coli:**

TP/016

None Detected

**Staphylococcus Aureus:**

TP/012

None Detected

**Shelf Life:**

1 Year

**Date:** 11/08/2019

Disclaimer: All information, appearing herein on our products is based upon data that are believed to be reliable. However, it is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee, express or implied, is made by Natural Sourcing of the product nor does Natural Sourcing assume any liability arising out of use, by others, of the product referred to herein.

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