



## Organic Rose Hip Seed CO2 Total Extract

INCI: Rosa Canina (Rose Hip) Seed Extract (and)  
Rosmarinus Officinalis (Rosemary) Leaf Extract  
Product ID: ORGCO2ROSEHIPSDTODE52

### Specifications

#### Analytical Details

**Appearance:**

**Peroxide Value:**

**Acid Value:**

**Saponification Value:**

**Ester Value:**

**Unsaponifiabiles:**

**Moisture:**

**Aw-Value (25.6 °C):**

**Sum of Sterols (Calc. as Sitosterol):**

**Sum of Tocopherols (Calc. as  $\alpha$ -Tocopherol):**

**Refractive Index (20°C):**

**Specific Gravity (20°C):**

**Sum of Carotenoids (Calc. as  $\beta$ -Carotene):**

**Benzo(a)pyrene:**

**Sum of Benzo(a)pyrene,**

**Benz(a)anthracene,**

**Benzo(b)fluoranthene, & Chrysene:**

#### Fatty Acid Profile

**C16:0 Palmitic:**

**C16:1 $\omega$ 7 Palmitoleic:**

**C18:0 Stearic:**

**C18:1 $\omega$ 9 Oleic:**

**C18:1 $\omega$ 7 Vaccenic:**

**C18:2 $\omega$ 6 Linoleic:**

**C18:3 $\omega$ 3  $\alpha$ -Linolenic:**

**C20:0 Arachidic:**

**Shelf Life:**

**Storage:**

#### Methods

Visual

21.015.03, DGF, Wheeler

21.016.03, DGF

21.017.02, DGF

Equals SV - AV

21.020.03, DGF

21.220.01, Karl Fischer Method

LabSwift Aw-Value Measurement

21.132.03, GCFID

21.113.03, HPLC

21.080.03, Abbe-Refractometer

21.024.03, Pycnometer

21.008.05, Spectrometer

21.177.02, GCMS

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21.156.03, GCFID

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21.156.03, GCFID

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2 Years

Store in cool and dry place, under inert gas.

#### Specifications

Orange to Light  
Reddish, Clear Oil

< 12 meq O<sub>2</sub>/kg

1 - 15 mg KOH/g

180 - 210 mg KOH/g

170 - 200 mg KOH/g

< 3 %

Not Specified

< 0.7

Not Specified

Not Specified

1.470 - 1.485

0.910 - 0.930 g/cm<sup>3</sup>

0.01 - 0.02 %

< 0.002 ppm

< 0.010 ppm

2 - 6 %

Not Specified

< 5 %

12 - 22 %

Not Specified

41 - 59 %

20 - 35 %

Not Specified

Date: 11/13/2020

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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