



**Organic Rose Hip Seed Oil**  
INCI: Rosa Canina (Rose Hip) Seed Oil  
Product ID: ORGOILROSEHIPEXPDEU742

## Specifications

### **Analytical Details**

**Appearance:**  
**Odor:**  
**Acid Value:**  
**Peroxide Value:**  
**Moisture:**  
**Refractive Index (20 °C):**  
**Specific Gravity (20 °C):**  
**Saponification Value:**  
**Unsaponifiable Matter:**

### **Methods**

Organoleptic  
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ISO 660  
ISO 3960  
AOCS Ca2e: 84(09)  
ISO 6320  
ISO 6883  
ISO 3657  
ISO 3596

### **Specifications**

Clear, Yellowish Liquid Oil  
Characteristic  
≤ 1.5 mg KOH/g  
≤ 8.0 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**

<b>&lt; C16:0:</b>	ATM016A	≤ 0.3%
<b>C16:0 Palmitic:</b>	ATM016A	2.0 - 5.0%
<b>C18:0 Stearic:</b>	ATM016A	≤ 3.0%
<b>C18:1 Oleic:</b>	ATM016A	13.0 - 18.0%
<b>C18:1 Cis-Vaccenic:</b>	ATM016A	≤ 2.0%
<b>C18:2 Linoleic:</b>	ATM016A	35.0 - 55.0%
<b>C18:3 α-Linolenic:</b>	ATM016A	20.0 - 38.0%
<b>C20:0 Arachidic:</b>	ATM016A	≤ 1.0%
<b>Others:</b>	ATM016A	≤ 5.0%

### **Heavy Metals**

<b>Lead:</b>	ICPMS	≤ 0.1 ppm
<b>Cadmium:</b>	ICPMS	≤ 0.05 ppm
<b>Mercury:</b>	ICPMS	≤ 0.05 ppm
<b>Arsenic:</b>	ICPMS	≤ 0.1 ppm

### **Persistent Organic Pollutants**

<b>Benzo (a) Pyrene:</b>	ISO 22959	≤ 2.0 µg/kg
<b>Sum of B(a)P, B(a)A, B(b)F, Chrysene:</b>	ISO 22959	≤ 10.0 µg/kg
<b>Sum of Dioxins and Furans (as WHO-PCDD/F-TEQ/g):</b>	QMA504-341,HRMS	≤ 0.75 pg/g
<b>Sum of Dioxins, Furans, Dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g):</b>	QMA504-341,HRMS	≤ 1.25 pg/g
<b>PCBs (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB):</b>	QMA504-341,HRMS	≤ 40 ng/g

**NATURAL SOURCING®**

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

TP/006

≤ 1,000 cfu/g

**Yeast & Mold:**

TP/008

≤ 100 cfu/mL

**Salmonella:**

TP/018

None Detected

**E. Coli:**

TP/016

None Detected

**Staphylococcus Aureus:**

TP/012

None Detected

**Shelf Life:**

1 Year

**Storage:**Store in a cool and dry place. Avoid light and heat.  
Cover with nitrogen after opening and close the  
container tightly.**Note: Pesticide residues are tested annually on a random batch and are in accordance with European Food Law.****Date:** 07/13/2020

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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