



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

Specifications

Analytical Details

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

Methods

Organoleptic
Organoleptic
DIN 5033
ISO 660
ISO 3960
AOCS Ca2e: 84(09)
ISO 6320
ISO 6883
ISO 3657
ISO 3596

Specifications

Clear, Yellowish Liquid Oil
Characteristic
≤ 8.0
≤ 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

< C16:0:	In-House Method	≤ 0.3%
C16:0 Palmitic:	In-House Method	2.0 - 5.0%
C18:0 Stearic:	In-House Method	≤ 3.0%
C18:1 Oleic:	In-House Method	13.0 - 18.0%
C18:1 Cis-Vaccenic:	In-House Method	≤ 2.0%
C18:2 Linoleic:	In-House Method	35.0 - 55.0%
C18:3 α-Linolenic:	In-House Method	20.0 - 38.0%
C20:0 Arachidic:	In-House Method	≤ 1.0%
Others:	In-House Method	≤ 5.0%

Heavy Metals

Lead:	ICPMS	≤ 0.1 ppm
Cadmium:	ICPMS	≤ 0.05 ppm
Mercury:	ICPMS	≤ 0.05 ppm
Arsenic:	ICPMS	≤ 0.1 ppm

Persistent Organic Pollutants

Benzo (a) Pyrene:	QMP_504_VW-401	≤ 2.0 µg/kg
Sum of B(a)P, B(a)A, B(b)F, Chrysene:	QMP_504_VW-401	≤ 10.0 µg/kg
Sum of Dioxins and Furans (as WHO-PCDD/F-TEQ/g):	GLS DF 110, GC-MS/MS	≤ 0.75 pg/g
Sum of Dioxins, Furans, Dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g):	GLS DF 110, GC-MS/MS	≤ 1.25 pg/g
PCBs (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB):	GLS DF 110, GC-MS/MS	≤ 40 ng/g

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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 /25g
E. Coli:	TP/016	None Detected
Staphylococcus Aureus:	TP/012	None Detected

Shelf Life: 6 Months - 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: 07/22/2024

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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