



Organic Virgin Hemp Seed Oil
 INCI: Cannabis Sativa (Hemp) Seed Oil
 Product ID: ORGOILHEMPEXPVIREU742

Specifications

Analytical Details

Appearance:
Color (Gardner):
Acid Value:
Peroxide Value:
Anisidine Value:
Totox Value:
Moisture:
Saponification Value:
Unsaponifiable Matter:
Refractive Index (20 °C):
Specific Gravity (20 °C):
Δ9 THC (Total Impurities):

Methods

Organoleptic
 DIN 4630
 ISO 660
 ISO 3960
 ISO 6885
 Calculated
 AOCS Ca2e : 84(09)
 ISO 3657
 ISO 3596
 ISO 6320
 ISO 6883
 SAM/GRHEMPO

Specifications

Clear Bright Yellow to Greenish Oil
 ≤ 18.0
 ≤ 4.0 mg KOH/g
 ≤ 8.0 meq/kg
 ≤ 15.0
 ≤ 30.0
 ≤ 0.1%
 188.0 - 194.0 mg KOH/g
 ≤ 2.5%
 1.470 - 1.482
 0.923 - 0.930 g/mL
 ≤ 10.0 ppm

Persistent Organic Pollutants

Benzo(a)pyrene:
Sum of B(a)P, B(a)A, B(b)F, Chrysene:
Sum of Dioxins and Furans (WHO-PCDD/F-TEQ/g):
Sum of Dioxins, Furans, Dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g):
PCB's (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
 ≤ 40.0 ng/g

Fatty Acid Profile

< C16:0:
C16:0 Palmitic:
C18:0 Stearic:
C18:1 Oleic:
C18:2 Linoleic:
C18:3 Alpha Linolenic:
C18:3 Gamma Linolenic:
Others:

LAU_G051B
 LAU_G051B
 LAU_G051B
 LAU_G051B
 LAU_G051B
 LAU_G051B
 LAU_G051B
 LAU_G051B

≤ 0.3%
 4.0 - 8.0%
 1.0 - 4.0%
 5.0 - 20.0%
 46.0 - 65.0%
 14.0 - 28.0%
 ≤ 5.0%
 1.0 - 5.0%

Heavy Metals

Lead:
Cadmium:
Mercury:
Arsenic:

ICPMS
 ICPMS
 ICPMS
 ICPMS

≤ 0.1 mg/kg
 ≤ 0.05 mg/kg
 ≤ 0.05 mg/kg
 ≤ 0.1 mg/kg

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Natural Sourcing, LLC • 341 Christian Street, Oxford, CT 06478

Phone: (203) 702-2500 • Toll Free: (800) 340-0080 • Fax: (203) 702-2501 • info@naturalsourcing.com
www.naturalsourcing.com

**Microbiological****Total Viable Count:**

TP/006

≤ 1000 cfu/g

Yeast & Mold:

TP/008

≤ 100 cfu/mL

E. Coli:

TP/016

Not Detected

Salmonella:

TP/018

Not Detected /25g

Staphylococcus Aureus:

TP/012

Not Detected

Shelf Life:

2 Years

Date: 01/06/2020

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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