



Organic 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 5033
 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
 ≤ 7.5 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):

QMP_504_VW-401 ≤ 2.0 µg/kg
 QMP_504_VW-401 ≤ 10.0 µg/kg
 GLS DF 110, GC-MS/MS ≤ 0.75 pg/g
 GLS DF 110, GC-MS/MS ≤ 1.25 pg/g
 GLS DF 110, GC-MS/MS ≤ 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:

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

Heavy Metals

Lead:
Cadmium:
Mercury:
Arsenic:

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

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**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:

1 - 2 Years

Date: 07/22/2024

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