



Hemp Seed Oil

INCI: Cannabis Sativa (Hemp) Seed Oil

Product ID: OILHEMPEXPREFEU742

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

Visual

DIN 4630

ISO 660

ISO 3960

ISO 6885

Calculated

AOCS Cd8b : 90(09)

ISO 3657

ISO 3596

ISO 6320

ISO 6883

SAM/GRHEMPO

Specifications

Clear Pale Yellowish Oil

≤ 7.0

≤ 1.0 mg KOH/g

≤ 3.0 meq/kg

≤ 15.0

≤ 21.0

≤ 0.1%

188.0 - 194.0 mg KOH/g

≤ 2.5%

1.470 - 1.482

0.923 - 0.930 g/mL

≤ 10.0 ppm

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:

ATM16A

ATM16A

ATM16A

ATM16A

ATM16A

ATM16A

ATM16A

ATM16A

≤ 0.3%

4.0 - 8.0%

1.0 - 4.0%

6.0 - 20.0%

46.0 - 65.0%

14.0 - 28.0%

≤ 5.0%

1.0 - 5.0%

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

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≤ 1.0 µg/kg

≤ 10.0 µg/kg

≤ 0.75 pg/g

≤ 1.25 pg/g

≤ 40.0 ng/g

NATURAL SOURCING®

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**Heavy Metals**

Lead:	ICPMS	≤ 0.1 mg/kg
Cadmium:	ICPMS	≤ 0.05 mg/kg
Mercury:	ICPMS	≤ 0.05 mg/kg
Arsenic:	ICPMS	≤ 0.1 mg/kg

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
S. Aureus:	TP/012	Not 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: 07/07/2020

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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