PRAAN naturals®

FROM NATURE WITH LOVE®

Hemp Seed Oil

INCI: Cannabis Sativa (Hemp) Seed Oil

Product ID: OILHEMPEXPREFEU742

NATURAL SOURCING

Specifications

Analytical Details	Methods	Specifications
Appearance:	Visual	Clear Pale Yellowish Oil
Color (Gardner):	DIN 5033	≤ 7.0
Acid Value:	ISO 660	≤ 1.0 mg KOH/g
Peroxide Value:	ISO 3960	≤ 10.0 meq/kg
Anisidine Value:	ISO 6885	≤ 15.0
Totox Value:	Calculated	≤ 21.0
Moisture:	AOCS Ca 2e:84(09)	≤ 0.1%
Saponification Value:	ISO 3657	188.0 - 194.0 mg KOH/g
Unsaponifiable Matter:	ISO 3596	≤ 2.5%
Refractive Index (20 °C):	ISO 6320	1.470 - 1.482
Specific Gravity (20 °C):	ISO 6883	0.923 - 0.930 g/mL
Δ9 THC (Total Impurities):	SAM/GRHEMPO	≤ 7.5 ppm
Fatty Acid Profile		
< C16:0:	In-House Method	≤ 0.3%
C16:0 Palmitic:	In-House Method	4.0 - 8.0%
C18:0 Stearic:	In-House Method	1.0 - 4.0%
C18:1 Oleic:	In-House Method	5.0 - 20.0%
C18:1 Cis-Vaccenic:	In-House Method	≤ 2.0%
C18:2 Linoleic:	In-House Method	46.0 - 65.0%
C18:3 Alpha Linolenic:	In-House Method	14.0 - 28.0%
C18:3 Gamma Linolenic:	In-House Method	≤ 5.0%
Others:	In-House Method	1.0 - 5.0%
Persistent Organic Pollutants		
Benzo(a)pyrene:	QMP504-VW-401	≤ 1.0 µg/kg
Sum of B(a)P, B(a)A, B(b)F, Chrysene:	QMP504-VW-401	≤ 10.0 µg/kg
Sum of Dioxins and Furans (WHO-PCDD/F-TEQ/g):	GLS DF 110, GC-MS	≤ 0.75 pg/g
Sum of Dioxins, Furans, Dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g):	GLS DF 110, GC-MS	≤ 1.25 pg/g
PCB's (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB):	GLS DF 110, GC-MS	≤ 40.0 ng/g

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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

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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: 8/7/2026

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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