

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS HEMP SEED OIL

DESCRIPTION

PRODUCT: Hemp Seed Oil, Unrefined
INCI NAME: Cannabis Sativa Seed Oil
CAS No: 89958-21-4
EINECS No: 289-644-3
MANUFACTURING METHOD: Cold Pressed & Unrefined

CHARACTERISTICS

PARAMETER	RESULTS
Appearance	Clear bright yellow to green oil
Odour	Characteristic
Peroxide Value (Meq O ₂ / Kg)	3.6
Free Fatty Acid (% as oleic)	0.125
Acid Value	0.25
Refractive Index @ 20°C	1.4794
Specific Gravity @ 20°C	0.9246
Palmitic Acid : C16:0	5.5
Stearic Acid : C18:0	2.1
Oleic Acid : C18:1	8.7
Linoleic Acid : C18:2	54.4
Alpha Linolenic Acid : C18:3	18.5
Gamma Linolenic Acid : C18:3	4.5
Arsenic (Mg/Kg)	<0.02
Benzo (A) Pyrene (Ug/Kg)	0.4
Cadmium (Mg/Kg)	<0.01
Colour (Gardner)	16
E. Coli (Cfu/g)	Not Detected
Lead (mg/kg)	<0.02
Mercury (mg/kg)	<0.001

Salmonella (cfu/g)	Not Detected
Saponification Value	192.6
Staphylococcus Aureus (cfu/g)	Not Detected
Sum Of Dioxins And Furans (As Who-Pcdd/F-	<0.172
Sum Of Dioxins, Furans, Dioxin-Like Pcb's (Who-	<0.276
Thc Tetrahydrocannabinol (Hemp) ppm	<4.0
Total Viable Count (TVC) (cfu/g)	<10
Unsaponifiable Matter	1.11
Yeast & Moulds (cfu/g)	<1

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