

Certificate of Analysis



Raw Material Code:	R00203	Product Description:	Hemp Oil, CP, Organic
INCI Name:	Cannabis Sativa Seed Oil		
EINECS Number:	289-644-3	CAS Number:	89958-21-4
Date of Production:	January-2017	Best Before:	July-2018
Lot Number:	L000210466	Retested date:	

Analytical Details	Result
Appearance	Clear yellow to greenish oil
Odour	Characteristic
Specific Gravity @ 20°C	0.924
Refractive index @ 20°C	1.479
Moisture (%)	<0.1
Peroxide Value (MeqO ₂ /kg)	3
Saponification Value	191.1
Unsaponifiable Matter	0.7
Colour (Gardner)	11.9
Acid Value (mg KOH/g)	1.14
Heavy Metals	Complies
TOTOX VALUE	7.8
BENZO (A) PYRENE (ug/kg)	0.1
Anisidine Value	1.8
Sum of Dioxins and Furans (as WHO-PCDD/F-TEQ/G) ¹ (PG/G)	<0.171
Sum of Dioxins, Furans, Dioxin-like PCB's (WHO-PCDD/F-TEQ/G) ¹ (PG/G)	<0.274
PCB's (SUM 28,52,101,138,153,180)(Total 6 DIN-PCB)(NG/G)	<1.0
Sum of B(a)P, B(a)A, B(a)F and Chrysene	<0.4
Salmonella (cfu/g)	Not Detected
Yeast and Moulds	<1.0
Total Viable Count or Total Plate Count (cfu/g)	<10
E. coli (cfu/g)	Not Detected
Staphylococcus Aureus (cfu/g)	Not Detected
Δ9 THC Tetrahydrocannabinol (Hemp) ppm	3.2

Palmitic Acid	C16:0	6
Stearic Acid	C18:0	2.5

Oleic Acid	C18:1	10.7
Linoleic Acid	C18:2	55.5
Alpha Linolenic Acid	C18:3	17.7
Gamma Linolenic Acid	C18:3	3.3