

Certificate of Analysis

Gracefruit Ltd

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: October-2016

Best Before: April-2018

Lot Number: L000191997

Revised date: -

Analytical Details	Result
Appearance	Clear yellow to greenish oil
Odour	Characteristic
Specific Gravity @ 20°C	0.923
Refractive index @ 20°C	1.478
Moisture (%)	<0.1
Peroxide value (Meq O ₂ / kg)	5.7
Saponification Value	189
Unsaponifiable Matter	0.8
Colour (Gardner)	15.1
Acid Value (mg KOH/g)	1.28
Heavy Metals	Complies
TOTOX VALUE	12.5
BENZO (A) PYRENE (ug/kg)	0.1
Anisidine Value	1.1
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)	<1.0
Sum of B(a)P, B(a)A, B(a)F and Chrysene	<0.4
Salmonella (cfu/g)	Not Detected
Yeasts and Moulds (cfu/g)	<1.0
Total Viable Count or Total Plate Count (cfu/g)	<10.0
E. coli (cfu/g)	Not Detected
Staphylococcus Aureus (cfu/g)	Not Detected
THC Tetrahydrocannabinol (Hemp)	<10.0

Palmitic Acid	C16:0	6
Stearic Acid	C18:0	2.5
Oleic Acid	C18:1	11.5

Linoleic Acid	C18:2	55.4
Alpha Linolenic Acid	C18:3	16.6
Gamma Linolenic Acid	C18:3	3.5