

Certificate of Analysis

Gracefruit Ltd

Raw Material Code	R00203
Product Name	Hemp Oil, CP, Organic
Inci Name	Cannabis Sativa Seed Oil
EINECS Number	289-644-3
Cas Number	89958-21-4

Date of Production	March/2018
Best Before Date	September/2019

Raw Material Lot

L000261216

Parameter	Result
Appearance	Clear yellow to greenish oil
Odour	Characteristic
Peroxide Value	7.1
Acid Value	1.68
Refractive Index @ 20°C	1.4782
Specific Gravity @ 20°C	0.923
Palmitic Acid : C16:0	6.6
Stearic Acid : C18:0	3.1
Oleic Acid : C18:1	14.8
Linoleic Acid : C18:2	56.9
Alpha Linolenic Acid : C18:3	14.7
Gamma Linolenic Acid : C18:3	0.6
Anisidine Value	1.1
Benzo (A) Pyrene (Ug/Kg)	<0.1
Colour (Gardner)	11.1
E. Coli (Cfu/g)	Not Detected
Heavy Metals	Complies
Moisture	<0.1
Pcbs (Sum 28, 52, 101, 138, 153, 180) (Total 6 Din-Pcb)1	<1.0
Salmonella (cfu/g)	Not Detected

Saponification Value	191.9
Staphylococcus Aureus (cfu/g)	Not Detected
Sum Of Dioxins And Furans (As Who-Pcdd/F-Teq/G) ¹ (Pg/G)	<0.172
Sum Of Dioxins, Furans, Dioxin-Like Pcb (Who-Pcdd/F-Pcb-Teq/G) ¹ (Pg/G)	<0.276
Thc Tetrahydrocannabinol (Hemp)	2.82
Total Viable Count (TVC) (cfu/g)	<10.0
Totox Value	8.3
Unsaponifiable Matter	0.65
Yeast & Moulds (cfu/g)	<1.0