

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: **July-2017**

Best Before: **July-2019**

Lot Number: **L000254549**

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)	6.00
Saponification Value	191.8
Unsaponifiable Matter	0.8
Colour (Gardner)	11.2
Acid Value (mg KOH/g)	1.12
Totox Value	17.2
Benzo (A) Pyrene (µg/kg)	<0.1
Anisidine Value	5.2
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
Salmonella (cfu/g)	Not Detected
Yeast and Moulds (cfu/g)	<1.0
Total Viable Count (TVC) (cfu/g)	<10.0
E. coli (cfu/g)	Not Detected
Staphylococcus Aureus (cfu/g)	Not Detected
Δ9 THC Tetrahydrocannabinol (Hemp) ppm	4.8

Palmitic Acid	C16:0	6.9
Stearic Acid	C18:0	2.9
Oleic Acid	C18:1	13.6
Linoleic Acid	C18:2	57.1
Alpha Linolenic Acid	C18:3	16.7
Gamma Linolenic Acid	C18:3	0.0

