

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:

L000204199

Retested 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 (MeqO 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	12.50
BENZO (A) PYRENE (ug/kg)	0.10
Anisidine Value	1.10
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)	<10.0
E. coli (cfu/g)	Not Detected
Staphylococcus Aureus (cfu/g)	Not Detected
THC Tetrahydrocannabinol (Hemp)	3.2

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