

Gracefruit Ltd
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VAT Number: 935 8115 14
EORI Number: GB9358 1151 4000
Company Number: SC374368
Certificate of Analysis

Raw Material Code: **R00086**

Product Description: **Blackcurrant Oil, Refined**

INCI Name: **Ribes Nigrum Seed Oil**

EINECS Number: **Not Listed**

CAS Number: **97676-19-2**

Date of Production: **February-2015**

Best Before: **February-2017**

Lot Number: **L000143053**

Retest Date: **-**

Analytical Details	Result
Appearance	Clear, mobile, yellow liquid
Relative Density (g/ml)	0.924
Refractive Index nD20	1.48
FFA	0.24
Peroxide Value	1.5
Saponification Value	191
Unsaponifiable Matter (%)	1
Iodine Value (Calc.)	174
Colour (Gardner)	4
Acid Value (mg KOH/g)	0.48
Heavy Metals (ppm)	Complies
BENZO (A) PYRENE (ug/kg)	Complies
SUM OF DIOXINS AND FURANS (AS WHO-PCDD/F-TEQ/G) ¹ (PG/G)	Complies
SUM OF DIOXINS, FURANS, DIOXIN-LIKE PCBs (WHO-PCDD/F-PCB-TEQ/G) ¹ (PG/G)	Complies
PCBs (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB) ¹	Complies
MOISTURE & VOLATILE MATTER (%)	<0.1
SALMONELLA (CFU/G)	Absent
YEAST & MOULDS (CFU/G)	<10.0
TOTAL VIABLE COUNT (TVC) (CFU/G)	<100.0
E. COLI (CFU/G)	Absent
STAPHYLOCOCCUS AUREUS (CFU/G)	Absent

Palmitic Acid	C16:0	6.6
Stearic Acid	C18:0	1.5
Oleic Acid	C18:1	13.6
Linoleic Acid	C18:2	44.8
Linolenic Acid	C18:3	13.7
Linolenic Acid	C18:3 Gamma	15.3

Stearidonic Acid	C18:4 Gamma	2.8
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