

Certificate of Analysis
Gracefruit Ltd
146 Glasgow Road,
Longcroft, Stirlingshire,
FK4 1QL
www.gracefruit.com
VAT Number: 935 8115 14
EORI Number: GB9358 1151 4000
Company Number: SC374368

Raw Material Code:	R00088	Product Description:	Borage Oil, Refined, 20% GLA
INCI Name:	Borago Officinalis Seed Oil		
EINECS Number:	Not Listed	CAS Number:	225234-12-8
Date of Production:	April-2015	Best Before:	April-2017
Lot Number:	I000123275	Retest Date:	-

Analytical Details	Result
Appearance	Clear Pale Yellowish Oil
Odour	Typical
Specific Gravity @ 20°C	0.9199
Refractive Index @ 20°C	1.475
FFA (as Oleic)	0.06
Peroxide Value	0.5
Saponification Value	188.1
Unsaponifiable Matter	0.72
Iodine Value	139.4
Colour (Gardner)	0.3
Acid Value	0.12
Heavy Metals	Complies
TOTOX VALUE	5
BENZO (A) PYRENE (ug/kg)	0.1
ANISIDINE VALUE	2
SUM OF DIOXINS AND FURANS (AS WHO-PCDD/F-TEQ/G) ¹ (PG/G)	<0.187
SUM OF DIOXINS, FURANS, DIOXIN-LIKE PCBs (WHO-PCDD/F-PCB-TEQ/G) ¹ (PG/G)	<0.289
PYRROLIZIDINE ALKALOIDS	<1.0
MOISTURE & VOLATILE MATTER (%)	<0.1
SALMONELLA (CFU/G)	Not Detected
YEAST & MOULDS (CFU/G)	<10
TOTAL VIABLE COUNT (TVC) (CFU/G)	<10
E. COLI (CFU/G)	Not Detected
STAPHYLOCOCCUS AUREUS (CFU/G)	Not Detected
PESTICIDE RESIDUES IN ACCORDANCE WITH EUROPEAN FOOD LAW	Complies

Myristic Acid	C14:0	0.1
Palmitic Acid	C16:0	10.3

Palmitoleic Acid	C16:1	0.3
Stearic Acid	C18:0	4.6
Oleic Acid	C18:1	18
Linoleic Acid	C18:2	36.5
Alpha Linolenic Acid	C18:3	0.2
Gamma Linolenic Acid	C18:3	20
Stearidonic Acid	C18:4 Gamma	0.1
Arachidic Acid	C20:0	0.3
Eicosenoic Acid	C20:1	4.1
Behenic Acid	C22:0	0.2
Erucic Acid	C22:1	2.6
Nervonic Acid	C24:1	1.6