

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

Raw Material Code: **R00166**

Product Description: **Evening Primrose Oil, Refined**

INCI Name: **Oenothera Biennis Oil**

EINECS Number: **289-859-2**

CAS Number: **90028-66-3**

Date of Production: **June-2015**

Best Before: **June-2017**

Lot Number: **1000146641**

Retest Date: **-**

Analytical Details	Result
Appearance	Clear pale yellow oil
Odour	Characteristic
Specific Gravity @ 20°C	0.923
Refractive Index @ 20°C	1.477
FFA (% as Oleic)	0.2
Saponification Value	190
Unsaponifiable Matter	0.81
Iodine Value	156
Colour (Gardner)	5
Acid Value	0.41
BENZO (A) PYRENE (ug/kg)	Complies
Anisidine Value	4.8
SUM OF DIOXINS AND FURANS (AS WHO-PCDD/F-TEQ/G) <sup>1</sup> (PG/G)	Complies
SUM OF DIOXINS, FURANS, DIOXIN-LIKE PCBs (WHO-PCDD/F-PCB-TEQ/G) <sup>1</sup> (PG/G)	Complies
MOISTURE & VOLATILE MATTER (%)	0.02
SALMONELLA (CFU/G)	Absent
YEAST & MOULDS (CFU/G)	<10.0
TOTAL VIABLE COUNT (TVC) (CFU/G)	<100.00
E. COLI (CFU/G)	Absent
STAPHYLOCOCCUS AUREUS (CFU/G)	Absent

Palmitic Acid	C16:0	6.1
Stearic Acid	C18:0	1.9
Oleic Acid	C18:1	6.4
Linoleic Acid	C18:2	74.4
Gamma Linolenic Acid	C18:3	10.2