

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:	R00364	Product Description:	Safflower Oil, CP, Organic
INCI Name:	Carthamus Tinctorius Seed Oil		
EINECS Number:	232-276-5	CAS Number:	8001-23-8
Date of Production:	June-2016	Best Before:	Jun-2018
Lot Number:	L000173129	Retest Date:	-

Analytical Details	Result
Appearance	Clear orange liquid
Odour	Characteristic
Specific Gravity at 20°C	0.918
Refractive Index at 20°C	1.472
Peroxide Value (Meq O ₂ /kg)	6.4
Saponification Value	192.6
Unsaponifiable Matter	0.56
Iodine Value (Calc.)	150.9
Acid Value	1.2

Myristic Acid	C14:0	0.12
Palmitic Acid	C16:0	7.24
Stearic Acid	C18:0	2.01
Oleic Acid	C18:1	11.17
Linoleic Acid	C18:2	77.73
Alpha Linolenic Acid	C18:3	0.18
Arachidic Acid	C20:0	0.27
Eicosenoic Acid	C20:1	0.16
Behenic Acid	C22:0	0.15
Others		0.86