

Certificate of Analysis

Gracefruit Ltd

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:	September-2016	Best Before:	September-2018
Lot Number:	L000185133	Retest Date:	-

Analytical Details	Result
Appearance	Pale yellow to yellow liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.924
Refractive index at 20°C	1.476
Peroxide value	7.1
Iodine Value	143.4
Acid Value	0.96

Palmitic Acid	C16:0	6.7
Stearic Acid	C18:0	2
Oleic Acid	C18:1	10.5
Linoleic Acid	C18:2	78.5
Alpha Linolenic Acid	C18:3	0.14
Arachidic Acid	C20:0	0.32
Eicosenoic Acid	C20:1	0.16
Behenic Acid	C22:0	0.27