

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: October-2016

Best Before: October-2017

Lot Number: L000188944

Retest Date: -

Analytical Details	Result
Appearance	Yellow oily liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.924
Refractive index at 20°C	1.4762
Peroxide value	7.1
Iodine Value	143.4
Acid Value	1.9

Palmitic Acid	C16:0	6.8
Stearic Acid	C18:0	2
Oleic Acid	C18:1	11.3
Linoleic Acid	C18:2	78.1
Alpha Linolenic Acid	C18:3	0.3
Arachidic Acid	C20:0	0.3
Eicosenoic Acid	C20:1	0.2
Behenic Acid	C22:0	0.2