

Certificate of Analysis

Gracefruit Limited
209 Glasgow Road
Bonnybridge
FK4 1QQ



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:	July-2017	Best Before:	July-2019
Lot Number:	L000235956	Retested date:	

Analytical Details	Result
Appearance	Pale yellow to yellow liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.929
Refractive index @ 20°C	1.471
Peroxide Value (MeqO ₂ /kg)	4.98
Iodine Value	145.0
Acid Value (mg KOH/g)	4.20

Palmitic Acid	C16:0	6.9
Stearic Acid	C18:0	2.1
Oleic Acid	C18:1	11.6
Linoleic Acid	C18:2	77.9
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