

Certificate of Analysis

Gracefruit Ltd

Raw Material Code:	I00021	Product Description:	Calendula Infused Sunflower Oil
INCI Name:	Calendula Officinalis Flower Infused in Helianthus Annuus Seed Oil		
EINECS Number:	283-949-5 / 232-273-9	CAS Number:	84776-23-8 / 8001-21-6
Date of Production:	December-2016	Best Before:	December-2017
Lot Number:	L000200081	Rested date:	-

Analytical Details	Result
Appearance	Clear, mobile liquid. Yellow to orange
Odour	Characteristic
Specific Gravity @ 20°C	0.9
Refractive index @ 20°C	1.474
Peroxide Value (MeqO ₂ /kg)	0.064
Free Fatty Acid (% as Oleic)	1.48
Iodine Value	126
Acid Value (mg KOH/g)	0.128

Palmitic Acid	C16:0	6.24
Stearic Acid	C18:0	3.3
Oleic Acid	C18:1	31.95
Linoleic Acid	C18:2	56.72
Alpha Linolenic Acid	C18:3	0.1
Arachidic Acid	C20:0	0.22
Eicosenoic Acid	C20:1	<1.0
Behenic Acid	C22:0	0.6