

Certificate of Analysis

Gracefruit Limited
209 Glasgow Road
Longcroft
Bonnybrdige
FK4 1QQ

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: September-2017

Best Before: September-2018

Lot Number: L000240715

Retested date:

Analytical Details	Result
Appearance	Clear, mobile liquid. Yellow to orange
Odour	Characteristic
Specific gravity @ 20°C	0.921
Refractive index @ 20°C	1.475
Free Fatty Acid	0.04
Peroxide Value MeqO ₂ /kg	3.72
Iodine Value	128.0
Acid Value (mg KOH/g)	0.08

Palmitic Acid	C16:0	6.6
Stearic Acid	C18:0	3.3
Oleic Acid	C18:1	26.9
Linoleic Acid	C18:2	61.6
Alpha Linolenic Acid	C18:3	0.1
Arachidic Acid	C20:0	0.2
Eicosenoic Acid	C20:1	0.2
Behenic Acid	C22:0	<1.0