CERTIFICATE OF ANALYSIS
SAFFLOWER OIL ***ORGANIC***

Customer:	Gracefruit Limited	Order No:	21.5.18
Quantity:	1 x 25 litre	Batch No:	KMO3269

Description: A yellow liquid with a typical odour & taste

TEST	SPECIFICATION	ANALYSIS
Acid Value mg KOH/g	0.5 maximum	0.08
Peroxide Value meq O_2/kg	2.0% maximum	0.90
Iodine Value	120 - 135	131.3
Saponification Value	180 - 195	192.5
Colour Lovibond 5.25" Cell	50.0 Yellow maximum	5.1
	5.0 Red maximum	0.6
Unsaponifiable Matter	1.5 maximum	Complies
Relative Density @ 20°C	0.912 – 0.930	Complies
Refractive Index	1.472 – 1.476	1.473
FATTY ACID COMPOSITION (%)		
C16:0 Palmitic Acid	5 - 8	6.04
C18:0 Stearic Acid	2.5 - 7	3.19
C18:1 Oleic Acid	20 - 40	33.01
C18:2 Linoleic Acid	50 - 74	56.47
C18:3 Alpha Linolenic Acid	0.5 maximum	0.07

Date of Packing: May 2018
Date of Re-test: May 2019

This COA is produced electronically therefore no signature is required.