

Gracefruit Limited  
209 Glasgow Road  
Bonnybridge  
FK4 1QQ

**CERTIFICATE OF CONFORMANCE**  
**PRICKLY PEAR SEED OIL**

Customer:	Gracefruit Limited	Order No:	-
Quantity:	1 x 5 kilo container	Batch No:	KMO7153
Date:	26.09.2017	Code No:	-
Supplier Ref:	S49817		

**Description:** A clear light yellow oil.  
**Odour:** Almost odourless.

TEST	SPECIFICATION	ANALYSIS
Free Fatty Acids (% as Oleic)	0.5 maximum	0.1
Colour (Iovibond 5.25" cell)	20.0 yellow maximum	15.0
	2.0 Red maximum	1.1
Refractive Index @ 20°C	1.465 – 1.475	1.470
Relative Density @ 20°C	0.915 – 0.925	0.918
Iodine Value (gI <sub>2</sub> /100g)	120 - 135	127
Peroxide Value (meq O <sub>2</sub> /kg)	10.0 maximum	1.9

FATTY ACID PROFILE (%)		
C16:0 Palmitic	10.0 – 20.0	12.5
C16:1 Palmitoleic	0.5 – 2.0	1.4
C18:0 Stearic	2.0 – 5.0	3.2
C18:1 Oleic	15.0 – 30.0	26.3
C18:2 Linoleic	50.0 – 65.0	53.1
C18:3 Linolenic	1.5 – 4.0	2.0

We certify that the above batch meets these specifications completely

**Date of Manufacture:** October 2017  
**Date of Expiry:** October 2019

This COA is produced electronically therefore no signature is required.