

Certificate of Analysis

Gracefruit Ltd

Raw Material Code: R00975

Product Description: Prickly Pear Seed Oil

INCI Name: Opuntia Ficus-Indica Seed Oil

EINECS Number: 290-109-1

CAS Number: 90082-21-6

Date of Production: January-2017

Best Before: January-2019

Lot Number: L000203975

Retested date:

Analytical Details	Result
Appearance	Clear, yellow to green oily liquid
Odour	Bland, Characteristic
Specific Gravity @ 20°C	0.918
Refractive index @ 20°C	1.474
Free Fatty Acid (% as Oleic)	0.13
Peroxide Value (Meq O ₂ /kg)	4.03
Acid Value (mg KOH/g)	0.26

Palmitic Acid	C16:0	9.96
Stearic Acid	C18:0	3.1
Oleic Acid	C18:1	19.57
Linoleic Acid	C18:2	65.72
Alpha Linolenic Acid	C18:3	0.15
Arachidic Acid	C20:0	0.31
Eicosenoic Acid	C20:1	0.18
Erucic Acid	C22:1	0.21