

# Certificate of Analysis

## Gracefruit Ltd

Raw Material Code: R00242

Product Description: Macadamia Oil, Refined

INCI Name: Macadamia Ternifolia Seed Oil

EINECS Number: Not Listed

CAS Number: 128497-20-1& 129811-19-4

Date of Production: August-2016

Best Before: February-2018

Lot Number: L000183850

Retest Date: -

Analytical Details	Result
Appearance	Clear, light yellow liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.915
Refractive index at 20°C	1.469
Free Fatty Acid (% as Oleic)	0.1
Peroxide value	1
Saponification Value	191
Unsaponifiable Matter (%)	0.6
Iodine Value	84
Colour (Lovibond 5.25" Cell)	11y, 0.9r
Acid Value	0.2

Palmitic Acid	C16:0	10.5
Palmitoleic Acid	C16:1	10.8
Stearic Acid	C18:0	3
Oleic Acid	C18:1	65.2
Linoleic Acid	C18:2	6.1
Alpha Linolenic Acid	C18:3	0.4
Arachidic Acid	C20:0	1.4
Eicosenoic Acid	C20:1	1.2
Behenic Acid	C22:0	0.7
Lignoceric Acid	C24:0	0.3