

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: November-2016

Best Before: May-2018

Lot Number: L000195881

Revised date: -

Analytical Details	Result
Appearance	Clear, light yellow liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.916
Refractive index @ 20°C	1.468
Free Fatty Acid (%)	0.1
Peroxide Value (MeqO ₂ /kg)	1.1
Saponification Value	190
Unsaponifiable Matter	0.5
Iodine Value	83
Colour (Lovibond 5.25" Cell)	9y, 0.8r
Acid Value (mg KOH/g)	0.2

Palmitic Acid	C16:0	10.9
Palmitoleic Acid	C16:1	11.9
Stearic Acid	C18:0	2.8
Oleic Acid	C18:1	64.5
Linoleic Acid	C18:2	5.5
Alpha Linolenic Acid	C18:3	0.5
Arachidic Acid	C20:0	1.3
Eicosenoic Acid	C20:1	1.1
Behenic Acid	C22:0	0.6
Lignoceric Acid	C24:0	0.2