

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: L000197365

Retest date: -

Analytical Details	Result
Appearance	Clear light yellow liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.915
Refractive index @ 20°C	1.467
Free fatty acid (%)	0.1
Peroxide Value (MeqO2/kg)	1
Saponification Value	191
Unsaponifiable Matter	0.6
Iodine Value	84
Colour (Lovibond 5.25" Cell)	10y, 0.9r
Acid Value (mg KOH/g)	0.2

Palmitic Acid	C16:0	10.6
Palmitoleic Acid	C16:1	11.4
Stearic Acid	C18:0	2.9
Oleic Acid	C18:1	64.9
Linoleic Acid	C18:2	5.8
Alpha Linolenic Acid	C18:3	0.5
Arachidic Acid	C20:0	1.4
Eicosenoic Acid	C20:1	1
Behenic Acid	C22:0	0.7
Lignoceric Acid	C24:0	0.2