

# Certificate of Analysis

Gracefruit Limited  
209 Glasgow Road  
Longcroft  
Bonnybridge  
FK4 1QQ

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-2017

Best Before: February-2019

Lot Number: L000237779

Retested date:

Analytical Details	Result
Appearance	Clear, light yellow liquid
Odour	Characteristic
Relative Density @ 20°C	0.917
Refractive index @ 20°C	1.466
Free Fatty Acid	0.10
Peroxide Value (MeqO <sub>2</sub> /kg)	0.80
Saponification Value	190
Unsaponifiable Matter	0.50
Iodine Value	84.0
Colour (Lovibond 5.25" Cell)	11y, 0.8r
Acid Value (mg KOH/g)	0.20

Palmitic Acid	C16:0	10.6
Palmitoleic Acid	C16:1	10.7
Stearic Acid	C18:0	2.9
Oleic Acid	C18:1	65.7
Linoleic Acid	C18:2	6.1
Alpha Linolenic Acid	C18:3	0.2
Arachidic Acid	C20:0	1.3
Eicosenoic Acid	C20:1	1.1
Behenic Acid	C22:0	0.7
Lignoceric Acid	C24:0	0.2