

**Certificate of Analysis**  
**Gracefruit Ltd**  
**146 Glasgow Road,**  
**Longcroft, Stirlingshire,**  
**FK4 1QL**  
**www.gracefruit.com**  
**VAT Number: 935 8115 14**  
**EORI Number: GB9358 1151 4000**  
**Company Number: SC374368**

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:	February-2016	Best Before:	August-2017
Lot Number:	L000158092	Retest Date:	-

Analytical Details	Result
Appearance	Clear, light yellow liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.916
Refractive Index @ 20°C	1.468
FFA (% as Oleic)	0.1
Peroxide Value	0.6
Saponification Value	192
Unsaponifiable Matter	0.5
Iodine Value	84
Colour (Lovibond) 5 1/4	11y, 0.9r
Acid Value	0.2

Palmitic Acid	C16:0	10.3
Palmitoleic Acid	C16:1	9.3
Stearic Acid	C18:0	2.9
Oleic Acid	C18:1	66.8
Linoleic Acid	C18:2	6.1
Alpha Linolenic Acid	C18:3	0.3
Arachidic Acid	C20:0	1.1
Eicosenoic Acid	C20:1	0.9
Behenic Acid	C22:0	0.6
Lignoceric Acid	C24:0	0.2