

# Certificate of Analysis

Gracefruit Limited  
209 Glasgow Road  
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:	July-2017	Best Before:	January-2019
Lot Number:	L000232691	Retested date:	

Analytical Details	Result
Appearance	Clear, light yellow liquid
Odour	Characteristic
Specific Gravity @ 20°C	0.915
Refractive index @ 20°C	1.466
Free Fatty Acid	0.10
Peroxide Value (MeqO2/kg)	0.50
Saponification Value	193.00
Unsaponifiable Matter	0.70
Iodine Value	84.0
Colour (Lovibond 5.25" Cell)	12y, 0.9r
Acid Value (mg KOH/g)	0.20

Palmitic Acid	C16:0	10.3
Palmitoleic Acid	C16:1	10.5
Stearic Acid	C18:0	2.9
Oleic Acid	C18:1	66
Linoleic Acid	C18:2	6.2
Alpha Linolenic Acid	C18:3	0.3
Arachidic Acid	C20:0	1.3
Eicosenoic Acid	C20:1	1.1
Behenic Acid	C22:0	0.7
Lignoceric Acid	C24:0	0.2