



**CERTIFICATE OF ANALYSIS**  
**ORGANIC MACADAMIA NUT OIL**

TEST	SPECIFICATION	ANALYSIS
Acid Value	4.0 maximum	2.6
Free Fatty Acid Value (% as Oleic)	2.0 maximum	1.3
Iodine Value	70 - 85	76.0
Specific Gravity @ 20°C	0.911 – 0.918	0.913
Refractive Index @ 20°C	1.466 – 1.470	1.468
Peroxide Value	5.0 maximum	Complies
Saponification Value	190 - 200	194
Unsaponifiable Matter	1.5 maximum	Complies

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic	8.0 - 10	8.27
C16:1 Palmitoleic	16.0 – 24.0	19.59
C18:0 Stearic	2 - 4	3.2
C18:1 Oleic	53 - 67	58.45
C18:2 Linoleic	1.5 – 4.0	1.91
C18:3 Alpha Linolenic	0.5 maximum	0.33
C20:0 Icosanoic	1.5 – 3.0	2.68
C20:1 Icosenoic	1.5 – 3.0	2.66