



The Soap Kitchen
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CERTIFICATE OF ANALYSIS

PRODUCT NAME: Macadamia Nut Oil

REFINED MACADAMIA OIL

Customer:	The Soap Kitchen	Order No:	PO#479106
Quantity:	1 x 25 kilos	Batch No:	KMO3336
Date:	02.08.2023	Code No:	TSK-OIL024
Supplier Ref:	01425109		

TEST	SPECIFICATION	ANALYSIS
Relative Density @ 20°C	0.910 – 0.920	0.913
Refractive Index @ 20°C	1.465 – 1.470	1.467
Peroxide Value	≤ 5.0	0.5
Acid Value	≤ 1.0	0.1
Saponification Value	185 - 200	191.0
Iodine Value	65 – 85	84.0
Colour	1.5 Red maximum	1.0
	15 Yellow maximum	12.0

FATTY ACID COMPOSITON (%)		
C16:0 Palmitic	8.0 – 12.0	10.5
C16:1 Palmitoleic	9.0 – 24.0	10.0
C18:0 Stearic	2.0 – 4.0	3.0
C18:1 Oleic	53.0 – 67.0	64.4
C18:2 Linoleic	2.0 – 7.0	7.0
C18:3 Alpha Linolenic	0.5 maximum	0.1
C20:0 Arachidic	3.5 maximum	1.3
C20:1 Eicosenoic	3.0 maximum	1.3

Date of Packing: July 2023
Date of Expiry: July 2025