



# Macadamia Marketing International

The standard in quality & reliability

## FORT HALL FOODS MACADAMIA NUTS SPECIFICATIONS

### PACKAGED PREMIUM RAW MACADAMIA KERNEL

**Product Description:** Raw macadamia kernels are clean and free from extraneous material.

**Organoleptic Characteristics:** Characteristic of macadamia / not rancid or musty.

<b><u>Style:</u></b>	<b><u>Size</u></b> (all screen sizes round holes Diameters)	<b><u>Wholes/Halves %</u></b>
Style 1:	Held on 16mm	: Minimum 95% Whole kernel.
Style 1S	Held on 13mm through a 16mm	: Minimum 95% Whole kernel.
Style 2:	50/50 mix of Style 1S & Style 4L	
Style 4L:	Held on 14mm.	
Style 4R	Held on 9mm through a 14mm	
Style 4:	Held on 12mm through a 14mm	
Style 5:	Held on 9mm through a 12mm	
Style 6	Held on 5mm through a 9mm	
Style 7	Held on a 3mm through a 5mm	

### **Physical Characteristics:**

Colour : Light Cream  
Nut shell Pieces : Nil  
Insect Infestation : Nil

### **Chemical Characteristics:**

Moisture (%) : 1.5% maximum  
Peroxide value (meq/Kg) : 3.0 Meq/kg maximum  
Free Fatty Acid (%) : 1.0% maximum

### **Microbiological Characteristics:**

Standard Plate Count : 10,000 cfu/grams maximum  
Yeast & Mould : 10,000/gram maximum  
Coliforms : 200/gram maximum  
E. Coli : Less than 3/gram  
Staphylococcus Aureus : Negative  
Salmonellae : Negative  
Aflatoxin (B2, G1, G2) : 4ppb maximum  
Aflatoxin (B1) : 2ppb maximum

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**Packaging:**

- : Vacuum packed and nitrogen flushed in foil liners and placed in strong cardboard carton.
- : Unit weight: 11.34kgs (25 lbs).
- : Each carton numbered to allow traceability.
- : 1400 cartons in 20ft FCL.

**Storage Conditions and Shelf Life:**

- : Store in a cool dry place
- : The shelf life if stored between 18 and 22°C is 12 months.
- : The shelf life if stored under refrigeration is 18 months.

**Composition Information (per 100gms):**

<b><u>NUTRITIONAL</u></b>	<b>Value/100g</b>	<b><u>OIL CONTENTS</u></b>	
Moisture	1.5g	Palmitic	10%
Oil	75g	Palmitoleic	20%
Protein	9g	Oleic	60%
Carbohydrate	9.3g	Myristic, Stearic, Linolenic, Arichidic, & Behenic Combined	10%
Fibre	2g		
Energy Value	2960kjs	<b><i>CHOLESTEROL FREE</i></b>	
Minerals	1.6g		

<b><u>MINERAL:</u></b>			
Potassium	260mg	Iron	2mg
Phosphorus	200mg	Zinc	1.4mg
Calcium	50mg	Manganese	0.4mg
Magnesium	149mg	Copper	0.3mg
Sodium	7mg		

The quantities and proportions of these components may change slightly according to climatic condition, altitude and varieties.

