

MIA MANAGEMENT SYSTEM

MANUAL: SPECIFICATION MANUAL
DOCUMENT: Style Specification Manual- PART 4.8

MIA MACADAMIAS – STYLE 4

Product Description:

- The product contains Premium Grade Australian Macadamia Kernel, with a firm and crunchy texture, a creamy appearance and a delicate flavour typical of raw macadamia kernel with no foreign odours or rancidity.
- The kernel has not more than 5% whole kernelⁱ by weight and at least 80% half kernel by weight. Kernel has passed over a 12mm round screen and through a 14mm round screen.
- The product contains not more than a combined total of 3% rejectⁱⁱ and commercialⁱⁱⁱ grade kernel, the percentage of reject kernel being not more than 2%.
- The product contains a maximum of 1 piece of loose shell^{iv} per 100kgs of kernel.
- The product contains Nil foreign matter^v.
- Chemical Residues^{vi} are not in excess of maximum residue limits as published in the Food Standards Code^{vii}.



Picture denotes a sample only; please refer to product description above for actual specifications

Ingredients:

- Macadamia Kernel (100%)

Microbiological & Chemical Standards for Raw Macadamia Kernel:

Analyte	Limit	Method Reference	Frequency
Standard Plate Count	<30,000 cfu/gm	AOAC 990.12	Per Silo Batch or Daily
Total Coliforms	<350 cfu/gm	AS 5013.15-2006	Per Silo Batch or Daily
E. Coli	<2 E. Coli/gm	AS 5013.15-2006	Per Silo Batch or Daily
Mould Count	<20,000 cfu/gm	AS 5013.29-2009	Per Silo Batch or Daily
Salmonella	Not Detected in 250gms	AS 5013.10-2009	Per Silo Batch or Daily
Total Aflatoxin	<4 ppb	LCMS	Per Silo Batch or Daily
Aflatoxin B1	<2 ppb	LCMS	Per Silo Batch or Daily
Peroxide Value	Not greater than 3.0 meq/kg	AOCS Cd 8b-90	Per Silo Batch or Daily
Free Fatty Acids	Not greater than 0.5% Oleic Acid	AOCS Ca 5a-40	Per Silo Batch or Daily
Kernel Moisture	Maximum 1.8% by weight	IR Moisture Meter	2 hrs

Packaging and Labelling:

- Fibreboard Outer Carton and High Barrier Foil/Poly Laminate Inner Pouch, 11.34kg Nett Weight
- Carton label contents:
 - Product Style (eg; Style 2)
 - Gross Weight & Nett Weight
 - Batch No. (Unique, three digit code, eg; 049)
 - Pack Date (YYMMDD, eg; 151019 = 19th October, 2015)

Shelf Life:

Up to 18 months from packing date if:

- primary packaging unopened;
- temperature maintained between 8°C - 12°C; and
- stored in a clean dry enclosed area.

Nutritional Information:**Nutritional Information**

Macadamia Nuts – (Raw Kernel)	Per 100g Serve
Energy	3080kJ
Protein	9.2g
Fat (total oils)	74.0g
Monounsaturates	59.8g
Poly Unsaturates	3.8g
Saturated	10.0g
Trans Fats *	0 g
Carbohydrates total	7.9g
Sugars	4.6g
Dietary Fibre	6.4
Sodium	1.4mg

Data Source: NUTTAB 2010

*Trans Fat Data Source: RMIT Fatty Acid Database (Australia)

Above relates to edible portion only.

Variety and seasonal conditions may cause minor variations in above values

Allergens:

Allergenic Substance	Present In Same Facility Yes/No	Present on Same Line Yes/No	Source
Cereals containing gluten & their products	No	No	
Crustacea & Crustacea products	No	No	
Egg & egg products	No	No	
Fish & fish products (inc. mollusc & oils)	No	No	
Lupin & lupin products	No	No	
Milk & Milk Products	No	No	
Peanuts & peanut products (inc. peanut oil)	No	No	
Sesame Seed & sesame products	No	No	
Soybeans & soybean products (inc. soybean oil)	No	No	
Tree nuts & tree nut products	Yes	Yes	Macadamia Nuts
Sulphites	No	No	

Genetically Modified Organism (GMO) Declaration:

- Macadamias are not and do not contain any Genetically Modified Organisms (GMO) as specified in Standard 1.5.2 of the Australia New Zealand Food Standards Code.

FOOTNOTES

- ⁱ Whole kernel is kernel which is not split or separated into halves, with not more than ¼ of the kernel missing, given that the kernel contour is not materially affected by the missing portion.
- ⁱⁱ Reject kernel is kernel that is not premium grade or commercial grade due to the presence of insect damage, mould, severe germination or severe immaturity.
- ⁱⁱⁱ Commercial kernel is kernel that is not premium grade due to the presence of discoloration, minor germination or minor immaturity.
- ^{iv} Loose shell means any loose shell, which will not pass through a 2mm square opening.
- ^v Foreign matter is any loose substance other than macadamia kernel, which will not pass through a 2mm square opening.
- ^{vi} Chemical Residues are substances specified in Standard 1.4.2 of the Food Standard Code, which includes residues of pesticides, weedicides and fungicides.
- ^{vii} Food Standards Code, Food Standards Australian New Zealand - FSANZ, Standard 1.4.2 Maximum Residue Limits.