

Product Specification

Stahmann Farms Enterprises Pty Ltd



ABN 85 130 195 470

Category: Commercial Macadamias

Product Title	Commercial Macadamias		
Product Name & Sizes	Description		Size
	Commercial Wholes Style 0		20mm ⁺
	Commercial Wholes Style 1		16mm-20mm
	Commercial Wholes Style 1s		14-17mm
	Commercial Halves Style 4L		12mm ⁺
	Commercial Halves Style 4		10-13mm
	Commercial Blend (Wholes and Halves)		10mm – 20mm ⁺
Product Description	Any well-developed whole macadamia kernels that will contain minor defects. Most noticeability kernel will contain external blemishes in the way of discolouration		
Definitions	<p>Whole Kernel Commercial Wholes are to have at least 90% whole kernel (by weight). Whole Kernel are kernels which are not split or separated into halves, with not more than 1/4 of the volume of the kernel missing, provided that the kernel contour is not materially affected by the missing portion. Whole kernel shall be sufficiently developed with no shrunken or shrivelled kernels with are extremely flat or wrinkled.</p> <p>Half Kernel Commercial Halves are to have at least 90% half kernel (by weight) Half Kernel means the approximate half of a whole kernel with not more than 1/8 of its mass chipped off or missing.</p> <p>Commercial Kernel Kernel which has discolouration, minor germination or minor immaturity.</p> <p>Foreign Objects Includes any product that is not kernel and/or shell. Examples of foreign objects are ~ plastic, metal and glass.</p> <p>% w/w Weight to Weight ratio, (%) percentage by weight.</p>		
Intended Use	This product is supplied as an ingredient for use in further manufacturing or processing.		
Net Weight	11.34 kg		
Allergens	Contains: Tree Nuts May be Present: Other Tree Nuts		
Country of Origin Type	Product of	Country Name	Australia
GM Status	No Genetically Modified product is used		
Applicable Certifications	HACCP, SQF, Kosher, Halal		

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Batch Code Format	Day Lot Number – ie 1705.5148.100.01 Best Before in the format of YYMM eg 1705 – the recommended best before is May 2017 Julian Date in the format of Y + Consecutive day number eg 7148 is representative of day 148 of 2017 Internal Numbering Only Internal Numbering Only	
Labelling	Single carton label containing the following information: Product Code, Day Lot Number, Product Description, Net Weight, Packed on Date, Name and Physical Address of Manufacture, Storage Condition and Country of Origin.	
Shelf Life	Max 24 months from date of manufacture under recommended storage conditions.	
Storage	Finished product must be stored in a cool, dry place out of direct sunlight, which is free from infestation. Refrigeration at a temperature of 0°C to 10°C, is preferred.	
Packaging – primary	Product shall be vacuum packed and heat sealed in silver foil liners. Liners shall also be nitrogen flushed. Liner Composition: 15um Nylon + 9um Foil + 80um LLDPE	
Packaging – secondary	Liners will be packed in a clean cardboard carton which is then taped shut.	
Packing Format	Items per carton	1
	Cartons per layer	16
	Layers per Pallet	4
Distribution	Units will be packed on clean pallets. Each pallet will have a pallet liner and be stretch wrapped. Distribution of this product is not temperature sensitive. Transport will be by way of tautliner or panteck type vehicles or export container.	

	Tests Performed	Test Method	Criteria
Physical Specifications	Moisture	Electronic Testing	≤1.5% ± 0.3
	Shell	Visual count	<1 piece per 10kg
	Whole kernel %	Visual count	≥ 90 %w/w
	Immaturity	Visual separation	≤1.0 %w/w
	Combined Oil Stock & Rot%	Visual separation	≤1.0 %w/w
	Tests Performed	Criteria	
Microbiological Specifications	Standard Plate Count	≤ 30,000 cfu/g	
	Mould	≤ 20,000 cfu/g	
	Yeast	≤ 20,000 cfu/g	
	E coli	Not Detected in 1g of Kernel	
	Salmonella	Not Detected in 250g of Kernel	
	Aflatoxin	Total less than 4ppb	

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Organoleptic Specifications	Tests Performed	Criteria
	Appearance	Kernels will contain some external blemishes in the way of discolouration.
	Colour	Predominantly cream with darker discolorations
	Aroma	Fresh and nutty with no objectionable aromas
	Flavour	Fresh and nutty with no rancid flavours detectable
	Texture	Crisp

Nutritional Information Panel	
Servings per Packaging: N/A	
Serving Size: N/A	
	Average Quantity per 100g
Energy	3068kJ
Protein	7.6g
Fat - Total	76.2g
-Saturated	10.3g
-Trans	<0.1g
-Polyunsaturated	0.9g
-Monounsaturated	61.4g
Carbohydrate	4.5g
-Sugars	4.5g
Dietary Fiber	6g
Sodium	3mg
Ingredients: Macadamias (100%)	

Nutritional Information Panel Information – Referenced from FSANZ Nuttab Database