

Product Specification

Stahmann Farms Enterprises Pty Ltd



ABN 85 130 195 470

Category: Premium Macadamias

Product Title	Premium Macadamias																																			
Product Name & Sizes	<table border="1"> <thead> <tr> <th>Description</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Wholes Style 0</td> <td>20+mm</td> </tr> <tr> <td>Wholes Style 1</td> <td>16-20mm or 17-20mm</td> </tr> <tr> <td>Wholes Style 1s</td> <td>14-16mm or 14-17mm</td> </tr> <tr> <td>Large Halves Style 4L</td> <td>13+mm</td> </tr> <tr> <td>Small Halves Style 4</td> <td>10-12mm or 10-13mm</td> </tr> <tr> <td>Pieces Style 5</td> <td>8-10mm</td> </tr> <tr> <td>Pieces Style 6</td> <td>6-8mm</td> </tr> <tr> <td>Pieces Style 7</td> <td>3-6mm</td> </tr> <tr> <td>Meal Style 8</td> <td><3mm</td> </tr> <tr> <td>Diced Pieces Style 5</td> <td>8-10mm</td> </tr> <tr> <td>Diced Pieces Style 6</td> <td>6-8mm</td> </tr> <tr> <td>Diced Pieces Style 7</td> <td>3-6mm</td> </tr> <tr> <td>Wholes & Halves Style 2 50:50</td> <td>13-20mm</td> </tr> <tr> <td>Wholes & Halves Style 3 25:75</td> <td>13-20mm</td> </tr> <tr> <td>Wholes & Halves Blend Style 2 70:30</td> <td>13-20mm</td> </tr> <tr> <td>Macadamia Halves and Pieces</td> <td>8-14mm</td> </tr> </tbody> </table>		Description	Size	Wholes Style 0	20+mm	Wholes Style 1	16-20mm or 17-20mm	Wholes Style 1s	14-16mm or 14-17mm	Large Halves Style 4L	13+mm	Small Halves Style 4	10-12mm or 10-13mm	Pieces Style 5	8-10mm	Pieces Style 6	6-8mm	Pieces Style 7	3-6mm	Meal Style 8	<3mm	Diced Pieces Style 5	8-10mm	Diced Pieces Style 6	6-8mm	Diced Pieces Style 7	3-6mm	Wholes & Halves Style 2 50:50	13-20mm	Wholes & Halves Style 3 25:75	13-20mm	Wholes & Halves Blend Style 2 70:30	13-20mm	Macadamia Halves and Pieces	8-14mm
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	Product Description	<p>Any well developed macadamia kernels which have no external blemishes in the way of insect damage, discolouration, mould and impacted shell. Macadamia kernel will be of a mixed variety.</p>																																		
	Definitions	<p>Whole Kernel Whole kernel will be perfectly formed with no cracking in the base of the kernel. 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 significantly affected by the missing portion. The shape of kernel may vary due to (variety and/or seasonal variations). Product graded as whole kernel is to have at least 90% whole kernel (by weight).</p> <p>Half Kernel Half Kernel means the approximate half of a whole kernel with not more than 1/8 of its mass chipped off or missing. Premium Halves are to have at least 90% half kernel (by weight).</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	<p>This product is supplied as an ingredient for use in further manufacturing or processing.</p>																																			
Net Weight	<p>11.34 kg (Wholes, Halves) 10.00 kg (Pieces)</p>																																			

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Allergens	Contains: Tree Nuts May be Present: Other Tree Nuts		
Country of Origin Type	Grown in	Country Name	Australia
GM Status	No Genetically Modified product is used		
Applicable Certifications	HACCP, SQF , Kosher, Halal		
Batch Code Format	Day Lot Number – ie 1705.5148.100.15 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 5148 is representative of day 148 of 2015 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	Store in a cool, dry place. Product should be stored out of direct sunlight, in an area 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 foil liners. Liners shall also be nitrogen flushed.		
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	10 12 (base layer -two cartons stacked vertically in the middle of the base layer	
	Layers per Pallet	5 – total of 52 cartons per pallet 6 – total of 62 cartons per pallet	
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.		

Physical Specifications	Tests Performed	Test Method	Criteria
	Moisture	Electronic Testing	≤1.5% ± 0.3
	Shell (Excluding Pieces)	Visual count	<1 piece per 10kg
	Shell (Pieces Only)	Visual count	<2 piece per 10kg
	Whole kernel % (Wholes Only)	Visual count	≥ 90%w/w
	Commercial Kernel (Excluding Pieces)	Visual separation	≤2.0%w/w
	Combined Oil Stock & Rot%	Visual separation	≤1.0%w/w

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Microbiological Specifications	Tests Performed	Criteria	
	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	B1 less than 2ppb	G1 less than 2ppb
B2 less than 2ppb		G2 less than 2ppb	
Total less than 4ppb			
Organoleptic Specifications	Tests Performed	Criteria	
	Appearance	As per definitions of kernel size	
	Colour	White to creamy in colour	
	Aroma	Fresh and nutty with no objectionable aromas	
	Flavour	Fresh and nutty with no rancid flavours detectable	
	Texture	Crisp in texture	

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	10.2g
-Monounsaturated	61.4g
-Polyunsaturated	1g
-Trans	<0.1g
Carbohydrate	4.5g
-Sugars	4.5g
Dietary Fibre	6g
Sodium	3mg
Ingredients: Macadamias (100%)	

Nutritional Information Panel Information – Referenced as a Theoretical Calculation from Nuttab 2010 Database