

# Product Specification

## Stahmann Farms Enterprises Pty Ltd



ABN 85 130 195 470

Category: Premium Macadamias

Product Title	Dry Roasted Macadamias																					
<b>Product Name &amp; Sizes</b>	<table border="1"> <thead> <tr> <th>Description</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Premium Wholes DR Style 1</td> <td>16-20mm, 17-20mm</td> </tr> <tr> <td>Premium Wholes DR Style 1s</td> <td>14-17mm</td> </tr> <tr> <td>Premium Wholes and Halves DR Style 2</td> <td>13-17mm, 13-20mm</td> </tr> <tr> <td>Premium Halves DR Style 4L</td> <td>&gt;13mm</td> </tr> <tr> <td>Premium Halves DR Style 4</td> <td>10-13mm</td> </tr> <tr> <td>Premium Pieces DR Style 5</td> <td>8-10mm</td> </tr> <tr> <td>Premium Pieces DR Style 6</td> <td>6-8mm</td> </tr> <tr> <td>Premium Pieces DR Style 7</td> <td>3-6mm</td> </tr> <tr> <td>Macadamia Nut in Shell DR</td> <td>20-23mm, 25+mm</td> </tr> </tbody> </table>	Description	Size	Premium Wholes DR Style 1	16-20mm, 17-20mm	Premium Wholes DR Style 1s	14-17mm	Premium Wholes and Halves DR Style 2	13-17mm, 13-20mm	Premium Halves DR Style 4L	>13mm	Premium Halves DR Style 4	10-13mm	Premium Pieces DR Style 5	8-10mm	Premium Pieces DR Style 6	6-8mm	Premium Pieces DR Style 7	3-6mm	Macadamia Nut in Shell DR	20-23mm, 25+mm	
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Macadamia Nut in Shell DR	20-23mm, 25+mm																					
<b>Product Description</b>	<p>Any well developed macadamia kernels with no external blemishes in the way of insect damage, mould and impacted shell. The product will be roasted to a level as specified by the customer.</p> <p>Dry Roasted Pieces have not been sorted after roasting and will contain some darker kernel.</p> <p>Dry Roasted Nut In Shell is any well-developed whole macadamia nut in shell with no major external blemishes in the way of rodent or insect damage, discolouration and mould. The shape of nuts may vary due to (variety and/or seasonal variations).</p>																					
<b>Definitions</b>	<p><b>WHOLE KERNEL</b> 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><b>HALF KERNEL</b> 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> <div data-bbox="608 1559 1169 1989" data-label="Image"> </div> <p>AMS Roasting Colour Chart - 1 (Light) to 6 (Very Dark)</p>																					

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<b>Intended Use</b>	This product is intended for general consumption, either in its present form or after further processing.		
	Nut in Shell is intended for general consumption, after the removal of the shell.		
<b>Net Weight</b>	11.34 kg (Wholes and Halves) 10.00 kg (Pieces)		
<b>Allergens</b>	<b>Contains:</b> Tree Nuts <b>May be Present:</b> Other Tree Nuts		
<b>Country of Origin Type</b>	Product of	<b>Country Name</b>	Australia
<b>GM Status</b>	No Genetically Modified product is used		
<b>Applicable Certifications</b>	HACCP, SQF, Halal		
<b>Batch Code Format</b>	Day Lot Number, Product Code, Product Description, Packed on date (DD MM YY). This information is on the carton only.		
<b>Labelling</b>	Net Weight, Description, Date of Manufacture (Julian Date in Day Lot Number), Name and Physical Address of Manufacture. This information is on the carton only.		
<b>Shelf Life</b>	Max 24 months from date of manufacture under recommended storage conditions.		
<b>Storage</b>	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.		

<b>Packaging – primary</b>	Product shall be vacuum packed and heat sealed in foil liners.		
<b>Packaging – secondary</b>	The product will be packed in a clean cardboard carton which has been taped shut.		
<b>Packing Format</b>	<b>Items per carton</b>	1	
	<b>Cartons per layer</b>	16	
	<b>Layers per Pallet</b>	4	
<b>Distribution</b>	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.		

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Physical Specifications	Tests Performed	Test Method	Criteria
	Moisture	Electronic Testing	≤1.5% ± 0.3
	Shell (Excluding Pieces)	Visual count	<1 piece per 10.00Kg
	Shell (Pieces Only)	Visual count	<2 piece per 10.00Kg
	Commercial Kernel (Wholes, Halves & Blends only)	Visual separation	≤2.0%w/w
	Combined Oil Stock & Rot	Visual separation	≤1.0%w/w
	Style 2 Ratio (50% Wholes: 50% Halves) Style 3 Ratio (25% Wholes: 75% Halves)	Visual Separation	±5% tolerance on the specified blend ratios
	Roast Colour	AMS Colour Chart	Within ranges of 1-6 as specified by customer
Microbiological Specifications	Tests Performed	Criteria	
	Standard Plate Count	≤ 3,000 cfu/g	
	Mould	≤ 1,000 cfu/g	
	Yeast	≤ 1,000 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	Golden to dark brown (customer specific)	
	Aroma	Fresh and nutty with no objectionable aromas	
	Flavour	Roasted and nutty with no rancid flavours detectable	
	Texture	Crisp in texture	

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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	0.0g
CARBOHYDRATE	4.5g
-Sugars	4.5g
DIETARY FIBRE	6g
SODIUM	3mg
Ingredients: Macadamias (100%)	

Based on edible portion only

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