

<u>Product specifications</u>				
Product Type:	Raw Macadamia Kernel		Item Code:	
Product Name:	Raw Macadamia Kernel Specification Style 4 10mm-13mm "Super Spec"			
Product Description:	Raw macadamia kernel should be fully mature - plump (unshrivelled) and firm and obtained from species of <i>macadamia integrifolia</i> & <i>macadamia tetraphylla</i> and their hybrids.			
Manufacture/ packer:		Site address:		
	Suncoast Gold Macadamia			
Direct Trade partner:	Green & Gold	Drummond drive, Gympie QLD 4507 Australia, Ph: + 61 7 5482 1418 fax: + 61 7 5482 7921,		
Contract packer:	N/A	www.suncoastgold.com.au		
Country of origin:	origin of materials			
Country of origin statement:	Relevant to origin of materials processed			
Ingredients internationally procured (%):	100% (of the materials processed)			
Primary Packaging: Retail Information:				
Pack size/ Weight/ Volume:	Packaging Type:	Flexible high barrier foil laminate bag		
11.34kg	Dimensions:	L	W	H
		600mm	600mm	n/a
	Tare weight:	92		g
Secondary Packaging: Outer Carton:				
Pack size/ Weight/ Volume:	Packaging Type:	Corrugate cardboard cartons		
carton	Dimensions:	L	W	H
		355mm	235mm	255mm
Tertiary Packaging: Bulk shipment array:				
Pack size/ Weight "No cartons/ Volume:	Packaging Type:	Wooden Pallet		
589.68kg	Dimensions:	L	W	H
	Units per shipper:	52		ctn
	Configuration:	13	x	4
Product Formulation:				
Product Component:	Quantity:	Product Component:	Quantity:	
Macadamia Nuts	100%			
Colours & Flavours:				
	Natural:	Nature Identical:	Artificial:	
Colour:	N/A	N/A	N/A	
Flavours:	N/A	N/A	N/A	
Product Labelling Details:				
Ingredient declaration on pack:	Raw macadamia nuts			
Characterising Ingredients:	Macadamia nuts (100%)			
Genetically modified products:	None			
Mandatory & advisory statements:	Contains tree nuts			
Date coding & Traceability format:	production code			
Serving instructions:	N/A			
Nutrition/Health, Marketing Labeling:	Halal & Kosher certified			
Date:	06/02/2013	Suncoast Gold Macadamia (Aust) Ltd	Approved:	JT

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<i>Product specifications:</i>					
Mandatory declaration of certain substances:					
<i>Food:</i>	<i>Present in product:</i>		<i>Name and type of derivative:</i>	<i>% amount in product:</i>	
	<i>Yes/No</i>				
Cereals "i.e.: Gluten"	No				
Crustacean:	No				
Egg:	No				
Fish:	No				
Milk:	No				
Peanuts:	No				
Soybean:	No				
Sulphites:	No				
Tree nuts:	Yes		Macadamia nuts	100%	
Sesame seeds:	No				
Allergen Cross Contact:					
<i>Food</i>	<i>Present on line:</i>	<i>Present in factory:</i>	<i>Present in same factory:</i>		<i>Total estimate carry over:</i>
	<i>Yes/No</i>	<i>Yes/No</i>			
Cereals "i.e.: Gluten"	No				
Crustacean:	No				
Egg:	No				
Fish:	No				
Milk:	No				
Peanuts:	No				
Soybean:	No				
Sulphites:	No				
Tree nuts:	Yes	Yes	Macadamia nuts	N/A	
Sesame seeds:	No				
Nutritional Information:					
NIP information based on:					
Serves per pack:		324.0		Unit weight:	11340 grams
Serving size:		35	grams		
			quantity per serve:	quantity per 100g:	
Energy:		kj	1058.8	3025.0	kj
		cal	253.0	723.0	cal
Protein:		g	3.1	8.9	g
Fat:	Total:	g	24.0	68.5	g
	Saturated:	g	4.2	12.0	g
	Trans:	g	0.0	0.0	g
	Polyunsaturated:	g	0.4	1.0	g
	Monounsaturated:	g	19.4	55.5	g
Carbohydrate:		g	7.0	19.9	g
		Sugars:	g	0.9	2.7
Sodium:		mg	1.8	5.0	mg
Dietary Fibre:		g	2.5	7.0	g
Cholesterol		mg	0.0	0.0	mg
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<u>Product specifications:</u>						
Analytical criteria:						
Sensory:		Criteria:			Test reference:	
Texture		Firm & crunchy			Organoleptic	
Appearance		Creamy, light golden kernels			Organoleptic	
Flavour/Odour		Delicate, typical of macadamia kernel, free of odours and rancidity.			Organoleptic	
Chemical:		Criteria:			Test reference:	
Moisture		≤1.5% =/ - 0.3% w/w				
Peroxide value		≤3 meq/kg oil			CF018.2	
Free fatty acids		≤0.5% (as oleic acid)			CF025.3	
Aflatoxin		<5 ppb		<2 ppb B1		CR060.1
Residues		ND			MC08MHB8	
Microbiological:		Criteria:			Test reference:	
Standard plate count		<3000 cfu/g			M2.4	
Total coli forms		<25 cfu/g			M8.1-3MPN	
<i>E.coli</i>		<3 cfu/g			M8.1-3MPN	
<i>Salmonellae</i>		ND/250g			aoac 998.09	
Yeast & Moulds		<1000 cfu/g			M2.4	
Physical:		Criteria:			Test reference:	
Dust or loose substance ¹		no more than 0.2%			sieves and grader plates.	
¹ Dust is loose substance which will pass through a 5mm diameter round opening. This term applies only to styles 0,1,S,2,3,4 &4L.						
Foreign matter ²		0.001%			sieves and grader plates.	
² matter is any loose substance other than macadamia kernel (including loose shell) which will not pass through a 5mm round opening; loose shell means any loose shell which is larger than 2mm in length and width. Style 5,6,7,8 and Fines may contain one piece of loose shell per 100kg.						
Insect damage ³		<0.1% w/w			visual inspection	
³ Contain no more than 0.1% by weight of whole insects, insect fragments, web or frass and should not contain live insects.						
Extraneous matter		<0.2% kernel pieces & shell which will pass through 5mm diameter round opening.			Grading & sorting	
Defects*		<1% unsound kernel & 3% commercial kernel			Sort, grading	
*Unsound kernel which is unsuitable for processing or sale as raw kernel due to presence of insect damage, mould etc. Commercial grade is kernel which is marginally discoloured or marginally immature, may contain impacted shell or be affected by minor insect damage.						
Metal detection		Product is to be metal detected prior to final packaging.			Metal detection	
Style composition		Style: 4 (10mm -13mm) Contains at least 50% half kernel, <5% whole kernel not more than 10% whole kernel, Kernel size 10mm to 13mm				Sort, grading
		<3% on a 14mm round screen				
		<10% passing through a 7mm slot				
Storage & Handling:		Store in dry cool clean environment				
Distribution requirements		Transport in clean dry container				
directions for use:		N/A				
Shelf life criteria:		24	months	at	5 °C	to
		12	months	in dry cool environment.		
Method of preservation:		Atmospheric packaging.				
Date:	06/02/2013	Suncoast Gold Macadamia (Aust) ltd			Approved:	JT

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