

<u>Product specifications</u>				
Product Type:	Raw Macadamia Kernel	Item Code:	SO4L1134-0001	
Product Name:	Raw Macadamia Kernel Specification Style 4L 13-15mm "Superspec"			
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	Drummond drive, Gympie QLD 4507 Australia, Ph: + 61 7 5482 1418 fax: + 61 7 5482 7921, www.suncoastgold.com.au		
Direct Trade partner:	Green & Gold	Relevant to origin of materials processed		
Contract packer:	N/A	100% (of the materials processed)		
Country of origin:	Australia			
Country of origin statement:	Relevant to origin of materials processed			
Ingredients internationally procured (%):	100% (of the materials processed)			
<b>Primary Packaging: Retail Information:</b>				
Pack size/ Weight/ Volume:	11.34kg	Packaging Type:	Flexible high barrier foil laminate bag	
		Dimensions:	L	W
			600mm	600mm
		Tare weight:	92	g
<b>Secondary Packaging: Outer Carton:</b>				
Pack size/ Weight/ Volume:	carton	Packaging Type:	Corrugate cardboard cartons	
		Dimensions:	L	W
			355mm	235mm
<b>Tertiary Packaging: Bulk shipment array:</b>				
Pack size/ Weight "No cartons/ Volume:	589.68kg	Packaging Type:	Wooden Pallet	
		Dimensions:	L	W
		Units per shipper:	52	ctn
		Configuration:	13	x 4
<b>Product Formulation:</b>				
Product Component:	Quantity:	Product Component:	Quantity:	
Macadamia Nuts	100%			
<b>Colours &amp; Flavours:</b>				
	Natural:	Nature Identical:	Artificial:	
Colour:	N/A	N/A	N/A	
Flavours:	N/A	N/A	N/A	
<b>Product Labelling Details:</b>				
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:	21/02/2013	Suncoast Gold Macadamia	Approved:	RA

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<b><i>Product specifications:</i></b>						
<b><i>Mandatory declaration of certain substances:</i></b>						
<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					
<b><i>Allergen Cross Contact:</i></b>						
<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					
<b><i>Nutritional Information:</i></b>						
NIP information based on:						
Serves per pack:		324.0	grams	Unit weight:	11340	grams
Serving size:		35		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	g	
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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<b><i>Product specifications:</i></b>		
<b><i>Analytical criteria:</i></b>		
<b>Sensory:</b>	<b>Criteria:</b>	<b>Test reference:</b>
Texture	Firm & crunchy	Organoleptic
Appearance	Creamy, light golden kernels	Organoleptic
Flavour/Odour	Delicate, typical of macadamia kernel, free of odours and rancidity.	Organoleptic
<b>Chemical:</b>		
<b>Moisture</b>	<b>Criteria:</b>	<b>Test reference:</b>
	≤1.5% 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
Residues	ND	MC08MHB8
<b>Microbiological:</b>		
<b>Standard plate count</b>	<b>Criteria:</b>	<b>Test reference:</b>
	<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
<b>Physical:</b>		
<b>Dust or loose substance<sup>1</sup></b>	<b>Criteria:</b>	<b>Test reference:</b>
	no more than 0.2%	sieves and grader plates.
<sup>1</sup> 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 <sup>2</sup>	0.001%	sieves and grader plates.
<sup>2</sup> 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 <sup>3</sup>	<0.1% w/w	visual inspection
<sup>3</sup> 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	<b>Style: 4L (13mm-15mm)</b> Contains at least 70% half kernel, <5% wholes with not more than 10% wholes, Kernel size 13mm to 15mm <15% passing through a 13mm round screen	Sort, grading
<b><i>Product Handling requirements:</i></b>		
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 18 °C	
	12 months in dry cool environment.	
Method of preservation:	Atmospheric packaging.	
Date:	21/02/2013	Suncoast Gold Macadamia
		Approved: RA

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