



## Product specification form

**Product: Raw Organic Macadamia Nut Butter**

FINISHED PRODUCT SPECIFICATION			Spec. No. SPEC010
<b>General Information</b>	Issued by: Nadia Mlinko	Authorise by: Nadia Mlinko	Date of review: 26.09.2023, Issue 2
<b>Product Title</b>	<b>Raw Organic Macadamia Butter</b>		
<b>Company Name and Address</b>	Sun & Seed Ltd 2 Lyon Close Woburn Road Industrial Estate Kempston, Bedford Bedfordshire MK42 7SB, UK		
<b>Company Telephone</b>	Office: (+44) 02072 677 799, 01234 841 196		
<b>Contacts:</b>	<b>Accounts Technical</b>	<a href="mailto:office@sunandseed.com">office@sunandseed.com</a>	
		<a href="mailto:qcert@sunandseed.com">qcert@sunandseed.com</a> , <a href="mailto:info@sunandseed.com">info@sunandseed.com</a>	
	<b>Emergency/Recall</b>	Mob: 079 44 777 201	
<b>Packaging format</b>	Retail: 6 X glass jars closed with lids in cardboard box Bulk: Single Plastic Buckets		
<b>Available Quantities</b>	Retail: 170g, 190g, 200g, 250g, 500g, 1kg Bulk: 5kg, 10kg, 20kg		
<b>In case of organic product – write control body code or write N/A</b>	GB- ORG- 05 (Soil Association)		
<b>Food safety</b>	APPROVED by SALSA		
<b>Ingredients and Allergens</b>			
<b>Legal name / Descriptive name</b>	<b>Raw Organic Pine Nut Butter</b>		
<b>Ingredients</b> (List all ingredients in recipe, include additives (with E number). (Provide ingredients for any multi-component ingredients)	<b>% in Recipe</b>		
Organic Macadamia	100		
<b>Origin of primary ingredients</b>	South Africa		
<b>Current Ingredient Declaration / Legal Declaration</b> (include QUID and emphasised Allergens)	100% ORGANIC MACADAMIA Allergy advice: May contain traces of other nuts and sesame seeds.		
<b>Sensory Specification</b> (Describe the product in terms of taste, texture, colour, appearance and aroma)	A sweet, nutty taste with a hint of milk taste and smooth consistency		
<b>Allergens present in: ingredients, additives &amp; processing aids</b>	<b>Contains</b>	<b>Risk of cross contamination/ May Contain</b>	
Cereals containing Gluten namely wheat, rye, barley, oats and hybridised strains	NO	NO	
Peanuts/peanut derivatives	NO	NO	
Nuts (almond, hazelnut, walnut, cashew, pecan, Brazil, pistachio, Macadamia) and derivatives	YES	YES	
Sesame seeds/sesame seed derivatives	NO	YES	
Crustacean/crustacean derivatives	NO	NO	
Molluscs/molluscs derivatives	NO	NO	
Fish/fish derivatives	NO	NO	
Egg/egg derivatives	NO	NO	
Milk/milk derivatives	NO	NO	
Soybeans/soybean derivatives	NO	NO	
Celery/celery derivatives	NO	NO	
Mustard/mustard derivatives	NO	NO	
Lupin/lupin derivatives	NO	NO	
Sulphites (declare if over 10mg/kg in whole product)	NO	NO	
<b>Suitability</b>			
Suitable for Vegetarians	YES		
Suitable for Vegans	YES		
Suitable for Lacto-vegetarians	YES		
<b>Typical Nutritional declaration</b>			
Source of Nutritional information	analysis / calculation		
Typical value	Per 100g		



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Energy		3006 kJ / 718 Kcal		
Total Fat		76g		
of which saturates		12g		
Trans Fats		0g		
Carbohydrates		14g		
of which sugars		5g		
Fibre		9g		
Protein		8g		
Salt		25mg (naturally occurring)		
All stated Nutritional values are average. They are not meant to ensure warranty of characteristics. They come without commitment and are not valid for any claim of warranty and product liability respectively				
Product Handling				
Shelf-life unopened		Shelf life minimum 12 months on delivery	Shelf-life once open	3months
Storage Conditions			Cool dry place in original packaging	
Traceability / Lot Code Format Used			DDMMYY	
Instructions for Use, if relevant			Product is ready to use. Oil may separate naturally from butter, stir before eating. Use within 3 months after opening.	
Additional Requirements				
Origin / Place Of Provenance if required			Produced in the UK	
Type of Packaging used for retail, which consumers buy (film and cardboard box etc)			NO	
Packaged in a protective atmosphere: (Vacuum packed or modified atmosphere packaging)			Retail - jars vacuum sealed after closing Bulk – N/A	
Product-specific Requirements			NO	
Health Mark (If product needs approval because ingredients of animal origin)			N/A	
Warnings (vulnerable groups)			Not suitable to people allergic to the allergens listed Allergy advice: May contain traces of other nuts and sesame seeds.	
Quality or Safety Parameters			(measurable parameters of significance for quality or safety e.g. pH/acidity, water activity, salt content, sugar content)	
Safety / Quality Parameter			Target	Tolerance +/-
Water Activity			0.65	+/- 0.03
Microbiological Parameters				
*N/L – No Set Limit				
Microbiological Test		Unit	Guide Value	Limit Value
Total Plate Count		cfu/g	<1,0 ·10^ 5	*N/L
Yeast		cfu/g	< 5,0 ·10^ 2	*N/L
Moulds		cfu/g	< 1,0 ·10^ 4	*N/L
Coliforms		cfu/g	< 1,0 ·10^ 4	*N/L
E.coli		cfu/g	<10	1,0 ·10^ 2
Salmonella		/ 25g	negative	negative

<b>Food additives</b>	
Antioxidant	not present
Raising agent	not present
Emulsifier	not present
Colour	not present
Firming Agent	not present
Humectant	not present
Bulking agent	not present
Gelling agent	not present
Flavour enhancer	not present
Sequestrant	not present
Preservative	not present



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Flour treatment agent	not present
Modified starch	not present
Protective gas	not present
Acid	not present
Acidity Regulator	not present
Foaming agent	not present
Anti-foaming agent	not present
Emulsifying salt	not present
Stabiliser	not present
Sweetener	not present
Carrier	not present
Propellant gas	not present
Anti-caking agent	not present
Glazing agent	not present
Thickener	not present

INFORMATION ABOUT GMO AND IONIZATION	
GMO	The product is not GM and does not contain GMO.
Ionization	The product is not subjected to ionizing radiation

Packing Retail*	170g	190g	200g	250g	500g	1kg
Unit gross weight:	329.5g	349.5g	360g	410g	773.5g	1.4135kg
Qty units in a case	6	6	6	6	6	6
Case dimensions: WxLxH (cm)	15x22x9.7	15x22x9.7	15.5x23x10	15.5x23x10	20x29x13.5	20.5x30x20.5
Gross case weight	2.055kg	2.018kg	2.253kg	2.553kg	4.780kg	8.686kg
Number of layers per pallet:	10	10	10	10	9	5
Number of cases per layer:	28	28	26	26	16	16
Total number cases per pallet	280	280	260	260	144	80
Unit quantity per pallet layer:	168	168	156	156	96	96
Total unit quantity per pallet:	1680	1680	1560	1560	864	480
Approx. Gross weight per pallet:	595.4kg	629kg	605.78kg	683.78kg	708.32kg	714.88kg
Pallet Height (including Pallet)	107cm	107cm	110cm	110cm	131cm	112.5cm
Pallet Length / Depth:	120 cm					
Pallet Width:	80 cm					
Primary packaging:	Glass jar with tin closure					
Secondary packaging:	Cardboard Case					
Secondary packaging weight:	78g	78g	93g	93g	139g	205g

Packing Bulk*	5kg	10kg	20kg
Unit gross weight:	5.31kg	10.39kg	20.67kg
Bucket Dimensions (cm):	22.7x 21x19.1	29.4 x 27.7 x 25.7	32.6 x 31.1 x 28
Pallet Length / Depth:	120 cm		
Pallet Width:	80 cm		
Primary packaging:	PP Plastic Bucket with Lid and handle		
Secondary packaging:	N/A		

**\* These packaging formats are based on maximum pallet quantities. Smaller or mixed orders will vary. Pallet configurations based on Euro pallet; standard pallets may be used.**

Statements
<b>GMO Statement:</b> Sun & Seed Ltd has policy not to buy, manufacture or use genetically modified products or raw materials.
<b>Gluten Free Statement:</b> Sun & Seed Ltd has policy to buy, manufacture or use only gluten free products or raw materials.
Analysis Assessment Guaranty for tested Organic product: Results of microbiological analysis are in line with HPA ready to Eat guidelines and meet European Union and UK regulations. Results of aflatoxins and heavy metals analyses meet the requirements of the Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants.



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Results of pesticide analysis meet the requirements of the Regulation (EC) 396/2005 on maximum residue levels of pesticides. Results of pesticide analysis meet the orientation limit (0,01 mg/kg) and conform to European Union and UK regulations for organic products.

**HACCP: The products are made safely, legally and consistently by following good hygiene practice and good manufacturing practice which are monitored through pre-requisite controls.**

**Signed:**

**Position:** Quality Manager