



Product Specification
Organic Macadamia kernels, style 1R (TI5649)

Product description:

Product name	Organic Macadamia kernels, style 1R
Country of origin	Kenya
Country of processing	Kenya
Process description	Macadamia's are selected, cleaned, sized and packed.

Ingredient declaration:

Macadamia

Ingredients composition:

Ingredient	Function	% (w/w)	Origin (s)
Macadamia	Ingredient	100	Kenya

Organoleptic parameters:

Consistency / Texture	Crunchy
Colour	White to cream
Flavour / Odour	Typical for macadamia kernels, no off taste

Physical parameters:

Size	Style 1R Min. 90% wholes Max. 10% halves	Approx. 14-16 mm
Foreign materials (not product related)	Glass, stones, metals, sharps $\geq 2,0$ mm	Target absent
	Glass, stones, metals, sharps $\geq 7,0$ mm	Absent
	Other foreign materials $< 7,0$ mm	$\leq 0,1$ % (w/w)
	Other foreign materials $\geq 7,0$ mm	Absent
Impurities (product related)	Plant (rest) material (shell)	$\leq 3,0$ pieces / carton
Alive infestation		nil

Chemical parameters:

Moisture	≤ 3 %	
Aflatoxin B1	≤ 2 ppb ($\mu\text{g}/\text{kg}$)	ISO 16050
Aflatoxin B1, B2, G1, G2	≤ 4 ppb ($\mu\text{g}/\text{kg}$)	ISO 16050
Heavy metals	According to EU legislation	

Microbiological parameters:

Total plate count	Reference value ≤ 100.000 cfu/g	ISO 4833
Mould	Reference value ≤ 20.000 cfu/g	ISO 21527-1 or 2
E. coli	Reference value < 10 cfu/g Warning value ≤ 100 cfu/g	ISO 16649-1 or 2
Salmonella spp.	Absent 25 gram	ISO 6579-1

Nutritional parameters:

per 100 gram based on literature USDA (may vary with the season)

Energy	3,000	kJ
	718	kcal
Fat	76	g
Saturated	12,1	g
Carbohydrate	5,2	g
Sugars	4,6	g
Fibre	8,6	g
Protein	7,9	g
Salt	0,01	g

Product claims:

GMO free*	Yes	
Radiated	No	(level (Bq): -
Organic	Yes	(in accordance with EU legislation)
Kosher	No	(depends per supplier)
Suitable for vegetarians	Yes	
Suitable for vegans	Yes	
Halal	No	(depends per supplier)

* Labelling / traceability requirements (according to EC 1829/2003 and 1830/2003) does not apply

* Product is manufactured without genetic modification directly or indirectly.

Storage conditions:

Optimum storage conditions	Temp : 5 - 15°C R.H : 55 - 65 %
Shelf life (after production)	Min. 12 months

Packaging:

Direct contact material	Type: bag Material: vacuum aluminium foil liners
Indirect contact material	Type: box Material: cardboard
Weight per colli (net.)	25 lbs (11.34kg)

Intended use:

Ready to eat

Allergen information

+ = present / yes
 - = not present / no

Our Supplier/ Manufacturer Allergen policy	Product contains: (as ingredient)	Cross- contamination possible:
Milk and products (cow), lactose	-	-
Egg	-	-
Soy	-	-
Gluten (wheat, rye, barley, oat, spelt, kamut)	-	-
Fish	-	-
Shellfish and crustaceans	-	-
Nuts (walnut, pecan, almond, cashew, hazelnut, macadamia, brazil nut, pistachio)	+	-
Peanuts and products thereof	-	-
Sesame	-	-
Sulphite (E220 to E228) if >10 ppm	-	-
Celery	-	-
Lupine	-	-
Mustard	-	-
Molluscs	-	-

All information in this product specification is accurate according to our best knowledge and in compliance with actual legislation.

Allergens:-When purchased in bulk size original packaging, manufacturer allergen policy will apply. When purchased in quantities that need re-packaging, our allergen policies will apply.			
Component	Nuts in Bulk (Applies when bought in small quantities that need re-packaging)		
	In Product	Processed in Same Equipment	Handled on Site
Cereals containing GLUTEN and products thereof	NO	YES	YES
EGGS or its derivatives	NO	NO	NO
FISH or its derivatives	NO	NO	NO
CRUSTACEANS / SHELLFISH	NO	NO	NO
MOLLUSCS	NO	NO	NO
PEANUTS or derivatives	NO	YES	YES
SOYA BEANS or derivatives	NO	YES	YES
MILK (LACTOSE) or its derivatives	NO	YES	YES
NUTS , tree nuts:	NO	YES	YES
CELERY, including celeriac and its derivatives	NO	YES	YES
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	YES	YES
SESAME SEEDS or derivatives	NO	YES	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	YES	YES
LUPIN seeds or derivatives	NO	NO	NO