



Product Specification

Brazilnutkernels medium, count 110-130/lb (TI0618)

Product description:

Product name	Brazilnutkernels medium, count 110-130/lb
Botanical name	Bertholletia excelsa
Country of origin	Bolivia, Brazil
Country of processing	Bolivia, Peru
Process description	Brazilnuts are cleaned, shelled, dried, graded and packed.

Ingredient declaration:

Brazilnuts

Ingredients composition:

Ingredient	Function	% (w/w)	Origin (s)
Brazilnuts	Ingredient	100	Bolivia, Brazil

Organoleptic parameters:

Consistency / Texture	Firm
Colour	Ivory inside and brown outside
Flavour / Odour	Typical for brazil nut kernels, no off taste

Physical parameters:

Count	Pieces / 454 g	110 - 130
Size		Medium
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
Specific quality requirements	Serious damage (insect and mould damage, decay, shrivelling, scorched centre, adhering shells, rancid)	< 5 % (w/w)
	Minor damages (fat diffusion, dirty, discolouration, chipped, broken, pieces)	< 10 % (w/w)
	Shell pieces and foreign matters (pod, pod fibres, stems etc.)	< 25 pieces Per 1000 lbs
Alive infestation		nil

Chemical parameters:

Moisture	≤ 5 %	
Aflatoxin B1	≤ 5 ppb ($\mu\text{g/kg}$)	ISO 16050
Aflatoxin B1, B2, G1, G2	≤ 10 ppb ($\mu\text{g/kg}$)	ISO 16050
Peroxide number	≤ 10 meq / kg fat	
Free Fatty Acids	≤ 1 %	
Residues of pesticides	According to EU legislation	
Heavy metals	According to EU legislation	

Microbiological parameters:

Total plate count	≤ 100.000	cfu/g	ISO 4833
Yeast	≤ 1.000	cfu/g	ISO 21527-1 or 2
Mould	≤ 1.000	cfu/g	ISO 21527-1 or 2
E. coli	Less than 10	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	2.760	kJ
	659	kcal
Fat	67,1	g
Saturated	16,1	g
Mono-unsaturated	23,9	g
Poly-unsaturated	24,4	g
Carbohydrate	4,2	g
Sugars	2,3	g
Fibre	7,5	g
Protein	14,3	g
Salt	0,01	g
Ash	3,4	g

Product claims:

GMO free*	Yes
Radiated	No (level (Bq): -
Organic	No
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)	24 months

Packaging:

Direct contact material	Type: vacuum bag Material: blue multi-layer
Indirect contact material	Type: box Material: corrugated cardboard
Weight per colli (net.)	44 lbs (19,96 kg)

Intended use:

Ready to eat
Brazilnuts are high in Selenium. The recommended daily amount is 3-5 brazilnuts per day.

Allergen information

+ = present / yes
- = not present / no

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

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