

**Raw Material Specification****Product Code: BNK-150****Brazil Nut Kernels - Broken**


Authorised by:

Review Date: 05/01/2023; Version: 3

Product Details

Product Name	Brazil Nuts (<i>Bertholletia excelsa</i>)
Country of Origin	Bolivia, Brazil
Pack Weight	44lb
Packaging Material	Product is packed in 44 lb sealed vacuum bag (primary packaging) Carboard carton (outer case/secondary packaging) and glued
Minimum Shelf Life	18 months from date of production
Security Sealing	Temper evident sealed vacuum-packed bag within glued outer case
Storage	Cool, dry place, away from light. Store at (<10° and <65% relative humidity). Avoid exposure to strong odours of other materials if exposed for prolonged periods
Ingredient Declaration	Brazil Nuts
Allergen Statement	Brazilnuts are a tree nut and may cause an allergic reaction in consumers who are sensitive to tree nut allergens

Physical Characteristics

Grade	Broken Kernels
Appearance	brown/creamy white kernels with creamy white meat of a nut with variable level of brown skin adhered to surface 
Taste/Flavour	Strong and sweet nutty flavour. Free from rancid, strong stale flat, astringent or foreign flavours
Aroma	Mild nutty aroma; without off or foreign odour
Texture	Firm, crisp; not brittle



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Size designation	N/A	
MINOR DAMAGE		
	<i>Target</i>	<i>Maximum</i>
Chipped and scratched (%)	N/A	
Damaged/defects-machine damage, broken, yellow centre (%)	N/A	
MAJOR DAMAGE		
	Target	Maximum (%)
Insect Damage	Absent	0.5
Mould damage	Absent	0.5
Decay	Absent	0.5
Rancid/Stale	Absent	0.5
Shrivelling	Absent	0.5
Scorched Centres	Absent	2.0
Foreign Bodies	Free from glass, hard plastic, stones, and metals	
Adhering shells	absent	0.5

Chemical Parameters		
	<i>Target</i>	<i>Maximum</i>
Moisture (%)	5	6
Free Fatty Acids (%)	0.5	1.5
Peroxide Value (meq/kg)	<5	5
Aflatoxin B1 (µg/kg)	Absent	8
Total Aflatoxin (B1, B2, G1, G2) (µg/kg)	Absent	10
Pesticides	To comply with UK/EU Legislation on residue levels	
Heavy Metals	To comply with UK/EU Legislation on residue levels	
Irradiation	Product is not subjected to any irradiation treatment	

Microbiological Parameters		
	<i>Target (cfu/g)</i>	<i>Maximum (cfu/g)</i>
TVC	<10,000	<50,000
Coliforms	10	100
E. coli	Negative in 10g	Negative in 10g
Yeasts	<10	<500
Moulds	<50	<500
Enterobacteriaceae	<100	1000
Salmonella	Negative in 25g	Negative in 25g
Staphylococcus aureus	100	<500

Major Serious Allergens



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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	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	NO	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	NO	YES
SOYA BEANS or derivatives	NO	NO	NO	NO	NO	YES
MILK (LACTOSE) or its derivatives	NO	NO	NO	NO	NO	YES
NUTS , tree nuts:	BRAZIL NUTS	BRAZIL NUTS	BRAZIL NUTS	BRAZIL NUTS	YES	YES
CELERY, including celeriac and its derivatives	NO	NO	NO	NO	NO	YES
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	NO	NO	NO	NO	YES
SESAME SEEDS or derivatives	NO	NO	NO	NO	NO	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	NO	NO	NO	NO	YES
LUPIN seeds or derivatives	NO	NO	NO	NO	NO	NO

GMO Declaration: To comply with UK/EC legislation to ensure absence of genetically Modified Organisms.

Does the Product Contain:	Yes	No
Soya components (Ingredients/Derivatives/Additives or Flavourings – including Carriers)?		No
Soya Protein Products (Flour, Milk, TVP)		No
Lecithin, Tocopherols		No
Soya Oil		No
Hydrolysed Vegetable Protein, MSG, Flavour enhancers.		No
Soya Sauce		No
Ascorbates, isoflavones, dextrin, xanthan gum.		No
Maize components (Ingredients/Derivatives/ Additives or Flavourings – including Carriers)?		No
Maize flour, Polenta, Maize Bran, Maize Starch		No
Corn Oil		No
Sweetening syrups, glucose, dextrose, fructose.		No
Caramel colours		No
Citrates		No
Other ingredients which could be derived from a GM source, other than Maize or Soya		No
Papaya		No
Potato		No
Tomato		No
Sugar Beet		No
Linseed		No
Canola		No
Sweet Pepper		No
Rice		No



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Labelling Information

		Yes	No
Labelling of the Packaging	Packer Name	Y	
	Product Name	Y	
	Grade/type	Y	
	Packed date/Production date	Y	
	Country of Origin	Y	
	Net Weight	Y	
	Lot Number	Y	

Metal Detection

Is the product metal detected?	N/A
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X-Ray Detection

Is the product X ray detected?	N/A
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Supplier Sign Off

Signed by Supplier		Date	
		Name	
		Position	

BLB Sign Off

Signed by		Date	05/01/2023
		Name	
		Position	Technical Manager