

	PRODUCT SPECIFICATION	REF: CASHEW ALL /1.0
	<i>CASHEW KERNELS</i>	

I. PRODUCT DESCRIPTION:

Vietnamese Cashew

Origin: Vietnam, Indonesia, Africa countries (Nigeria, Ivory Coast, etc.)

II. LABEL DECLARATION/ INGREDIENTS:

CASHEW KERNELS; 100% Natural Cashew kernels

III. PHYSICAL, CHEMICAL AND MICROBIOLOGICAL ANALYSIS (AT THE TIME OF PACKING):

Smell and flavour: Characteristic cashew, no off taste/smell Colour: White/Light yellow ivory

Consistency: Crisp and firm, not soft

1. Physical characteristics

	W240	W320	WS	LP
- Nut count	240 max	320 max	N/A	N/A
- Broken	7	7	N/A	N/A
- NLS	10	10	10	5
- Moisture	4.8	4.8	4.8	4.8
Serious Damage				
+ Insect Damage	1	1	1	1
+ Oil	1	1	1	1
+ Foreign Matter ¹ .	0.01	0.01	0.01	0.01
Maximum Serious Damage	1	1	1	1
Defects				
+ Second quality:	5	5	5	5
+ Third quality:	1.5	1.5	1.5	1.5
+ Lightly Blemished Pieces	1.5	1.5	1.5	1.5
+Lightly Blemished Wholes	1.5	1.5	1.5	1.5
+Blemished Wholes	0.5	0.5	0.5	0.5
+ Dessert:	0.5	0.5	0.5	0.5
+ Scrape:	1	1	1	1
+ Adhering Testa ² :	2.0	2.0	2.0	1.5
Maximum Defect Level	10	10	10	10

¹The tolerance for foreign matter is in addition to the tolerance for maximum serious damage.

²Maximum of 3% by weight for testa greater than 2mm in aggregate, but not more than 1.5% seriously damaged by adhering testa.

2. Microbiological limits

Parameter	Limits	Test Method
Total Plate Count	500,000 cfu/g max	Petrifilm (AOAC990.12)
Yeast & Mould	5,000 cfu/g max	Petrifilm (AOAC997.02)
Coliforms	1000 cfu/g max	Petrifilm (AOAC991.14)
E coli	10 cfu/g max	Petrifilm (AOAC991.14)
Salmonella	Not detected in 25g	AS 5013.10

Chemical limits

Parameter	Limits	Test Method
Aflatoxin (total):	<4 ppb	Petrifilm (AOAC990.33)
Aflatoxin B1:	<2 ppb	Petrifilm (AOAC997.33)

IV. NUTRITION DECLARATION (in 100g)

Nutrition	Value Per 100g
Energy	2437kJ
Protein	17g
Fats, total	49.2g
- saturated	7.8g
- trans fatty acids	g
Carbohydrate	16.8g
- sugars	5.5g
Dietary Fibre	5.9g
Ash	g
Sodium	12mg
Potassium (if applicable)	mg

V. GENERAL REQUIREMENTS

Cargo must be stored in accordance with good commercial practice. No live infestation is permitted.

The cashews shall be packed in new, clean, dry, leak-proof, lead-free containers with an airtight (hermetic) seal and without internal paper liners. Packaging shall be of sufficient strength to assure the integrity of the product during normal shipment and storage..

The outer container shall be constructed of a new cardboard, free of infestation and visual mold and sealed without staples, unless otherwise specified by the end user. Cartons must be a minimum of 200- pound test, 32 ECT. Only food-grade CO2 is permitted.

Shelf Life: 2 years (24 months) from the date of manufacturing in the plant.

All shipments shall be inspected prior to loading and shall be carried on conveyance suitable for transporting food products in good condition, i.e. free of odors, insect or mold damage, rodent

activity, and all other foreign materials.

The moisture level of the cashews shall be 3%-5%, as determined by the AOAC reference method.

Strong blocking is not permitted. Strong blocking is defined as blocking which cannot be freed other than with the use of external tools.

Cashew kernels shall be free of hard or sharp foreign objects and hair.

VI. ALLERGEN STATEMENT: The product is free from any allergens and is processed in a dedicated line thereby avoiding any risk of contamination.

We hereby confirms that raw materials does not contain, or has not been in contact with any of the below listed food allergens

Allergens	Present in product (including all cross-contamination)		Present on same equipment?		Present on same site?	
	Yes	No	Yes	No	Yes	No
Cereals containing gluten(wheat, rye, barley, oat, spelt, kamut or their hybrids) and products thereof		X		X		X
Crustaceans and products thereof		X		X		X
Eggs and products thereof		X		X		X
Fish and products thereof		X		X		X
Peanuts and products thereof		X		X		X
Soybeans and products thereof		X		X		X
Milk and products thereof		X		X		X
Nuts i.e. Almonds (<i>Amygdalus communis</i> L), Hazelnut (<i>Corylus avellana</i>), Walnut (<i>Juglans regia</i>), Cashew (<i>Anacardium occidentale</i>), Peacan nut (<i>Carya illinoensis</i> (Wangenh.)K Koch), Brazil nut (<i>Bertholletia excelsa</i>), Pistachio (<i>Pistacia vera</i>), Macadaemia nut and Queensland nut (<i>Macadaemia ternifolia</i>) and products thereof	Cashew nuts		Cashew nuts		Cashew nuts	
Celery and products thereof		X		X		X
Mustard and products thereof		X		X		X
Sesame seeds and products thereof		X		X		X
Sulphur dioxide and sulphites in concentrations of 10 mg/kg or 10 mg/l or higher expressed as SO2	conc:	X	conc:	X	conc:	X
Lupine and products thereof		X		X		X

VII. GMO STATEMENT: The product is non GMO (Genetically Modified).

VIII. PESTICIDE STATEMENT: Only pesticides approved for use on cashews may be used and residues must be within the tolerances set by the government of the importing country. No detectable residue is



permitted for any pesticide that is not approved for use on cashews in the importing country.
Fumigation with methyl bromide is prohibited.

IX. PACKAGING: cartons of 22.68 kg (50 lbs)

X. Storage conditions: Store in dark cool dry place with ambient temperature (25- 30°C), place away from products with strong odour. Relative humidity max 65 %