



Latest update: 01/08/2018

Virginia type kernels specification

Grade

Count/Oz.	Count/100g	Uniform in size
20/24	70-85	10-12
24/28	85-99	12-14
28/32	99-113	14-16
34/38	120-134	17-19
38/42	134-148	19-21
42/46	148-162	21-23
45/55	159-194	23-27

Defects and aflatoxin

Ingredients	100% peanut
Moisture:	8% max.
Foreign matter (no glass, no metal, no stone):	0.1% max.
imperfect:	4% max.
Skin dropping: (skin should be tight and not loose)	2% max.
Aflatoxin B1	<2 PPB
Aflatoxin B1+B2+G1+G2	<4 PPB

Sensoric

appearance	texture	odor	taste
Long shaped, Normal color	Normal, firm, firm to the bite.	Fresh peanut flavor without flat, stale, rancid or foreign odors.	Fresh, typical, aromatic, no off-taste, not rancid.

Microbiological standard value

Testing items	Warning value cfu/g
Aerobic mesophilic colony count	1×10^5
Mould	10^4
Salmonella	Absent in 125g
E-Coli	1×10^2



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Physical-chemical Parameter

Peroxide Value	5.0 meq/kg Max.
Free Fatty Acid	Less than or equal to 1.0%
	Max. mg/kg
Lead (Pb)	<0.05
Cadmium (Cd)	<0.05
Organochlorie pesticides	n.d.
Organophosphor pesticides	n.d.
Bromide (inorganic)	<10

Allergens table

<p>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.</p>						
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	YES	YES	YES	YES	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:	NO	NO	NO	NO	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



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Qualification of Suppliers:

The suppliers have to be BRC, ISO and/or HACCP certified and have good experience for exporting to EU for more than 5 years.

Equipment for processing and admixture-removing:

The goods have to be processed by color Sortex, X-ray machine and Metal-detector to ensure no glass, no stones and no metals.

Hand selection by well-trained employees under adequate lightening is required to remove undesired, imperfect kernels/admixtures.

Packing:

All packing materials have to meet the standards of EU. This needs to be proven with a packaging migration test.

Outer packing has to be new poly woven bags and the knitting density factor should be 67g and up per square meter, the inner packing is vacuumed without putting oxygen absorber.

Shipping mark:

The suppliers are not allowed to put their own communications and websites on the Packing/labels. Only name of the commodity, size, production date, import country, lot no. and best before date are allowed to be stated on labels, or just use CIQ labels. Special shipping mark, if needed, will be informed otherwise.

Storage:

The goods has to be stored in dry conditions, clean, without any off-flavor, without pest.

From April till October, the goods must be stored into cold warehouse with temperature between 2 to 10 °C.

Fumigation:

The goods have to be fumigated for at least 72 hours with aluminum phosphide (mephylbromide not allowed) one week before loading during April to Oct. No fumigant is allowed in containers.

Container examine and loading:

Container should be strictly examined before loading to ensure no rust trace, no off odor, no contaminations etc. people should be present in the whole course of container loading so that to avoid the enter of rats. Night loading is not allowed for live worm/insect flying in. No loading is allowed without sufficient water proof cover in rainy days. All 6 sides of containers should be put with card boards.

Vessel booking requirements:

Vessel is requested in principle with 14 days of free demurrages and containers detention. The shipping company need to promise ETA before shipment. In case of transshipment, the supplier need to inform the buyer in advance how long time it will need for transshipment.

Shelf life

24 months from processing date, in its original packaging, in cold storage under 10°C..

GMO & NON-Irradiation:

No GMO according 1829/2003 and 1830/2003

Supplier declares that the products supplied to NUTSINBULK is free from GMO's and not treated with ionized radiation.



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Test report

For each lot of peanuts shipped, the supplier should provide test report stating the major quality specifications including best before date.

Shipping documents sending

The supplier is requested to send the relative shipping documents to the buyers or present to the collecting bank (according to the contract) within 2 weeks after B/L date, especially for goods to UK. Delay in sending documents might cause extra port charges, if any, should be for the supplier's account.

Nutritional table (100g)

Principle	Nutrient value	Electrolytes	Nutrient value
Energy	2.285 kJ (570 kcal)	Sodium	18 mg (1)
Carbohydrates	18 g	Potassium	332 mg (7%)
Protein	26.5 g		
Sugars	0.01 g		
Dietary fiber	9 g		
Total Fat	45 g		
Cholesterol	0 mg		
Vitamins	Nutrient value	Minerals	Nutrient value
Folate (Vit B9)	246 µg (62%)	Calcium	62 mg (6%)
Niacin (Vit B3)	12.9 mg (86%)	Copper	1.14 mg (121%)
Pantothenic acid (Vit B5)	1.8 mg (36%)	Iron	2 mg (15%)
Pyridoxine (Vit B6)	0.31 mg (27%)	Magnesium	184 mg (52%)
Riboflavin (Vit B2)	0.14 mg (25%)	Manganese	1.93 mg (84%)
Thiamine (Vit B1)	0.64 mg (52%)	Phosphorous	72 mg (48%)
Vitamin A	0	Selenium	7.2 µg (13%)
Vitamin C	0	Zinc	3.3 mg (35%)
Vitamin E	8.25 mg (52%)		
Amino acids	Nutrient value	Amino acids	Nutrient value
Tryptophan	0.2445 g	Valine	1.052 g
Threonine	0.859 g	Arginine	3.001 g
Isoleucine	0.882 g	Histidine	0.634 g
Leucine	1.627 g	Alanine	0.997 g
Lysine	0.901 g	Aspartic acid	3.060 g
Methionine	0.308 g	Glutamic acid	5.243 g
Cysteine	0.321 g	Glycine	1.512 g
Phenylalanine	1.300 g	Proline	1.107 g
Tyrosine	1.020 g	Serine	1.236 g