

## General Information:

<u>Product name</u>: Pumpkin seeds <u>Type</u>: Grown without Shell (GWS) heat treated <u>Origin</u>: China

## **General Requirements:**

<u>Description</u>: Chinese pumpkinseeds grown without shell which are heat treated and classified as GWS grade AA or A are whole and free from foreign material, damage and minor defects. The grade indicates the uniformity of the size and colour of the seeds.

<u>Appearance</u>: Flat oval seeds with a strong mid to dark green colour. Clean an free flowing with a minimum number of lighter coloured seeds.

Odour: Natural Pumkin seed odour without stale or foreign odours.

Flavour: Natural Pumpkin seed flavour without stale or foreign flavours.

<u>Structure:</u> fresh, crisp and firm. To be free from any dry, hardened, or shrivelled seeds.

Intended use: For further processing (human consumption).

Shelf life: 2 years after production date\*

GMO free

Radiation free

Ingredients: Pumpkin seeds

\* only under correct storage conditions.

Physical requirements:	Value grade AA	Value grade A	Dimension	Tolerance
Purity	99,95	99,90	% (w/w)	Max.
Broken*1	3,0	5,0	% (w/w)	Max.
AA rate	95,0	40,0	% (w/w)	Max.
Infestation dead/alive	Absent	Absent	% (w/w)	Max.
Foreign material*2	0,1	0,1	% (w/w)	Max.
Harmful foreign material*3	Absent	Absent	% (w/w)	Max.

\*1: less than ½ of a whole kernel.

\*2: Organic and not dangerous

\*3: Inorganic, stone, metal, glass, coal etc.

Chemical requirements:	Value	Dimension	Tolerance
Aflatoxin B1*	2	μg / kg	Max.
Aflatoxin B1+B2+G1+G2*	4	μg / kg	Max.
Moisture (Januari-September)	7,5	% (w/w)	Min.
Moisture ((October-December)	8,5	% (w/w)	Max.

\* Parameters according EU regulation (EC) No 1881/2006 (consolidated version).

Other requirements:
Microbiology: According to EU regulation (EC) No 2073/2005 (consolidated version)
Pesticides: According to EU regulation (EC) No 396/2005 (consolidated version)

Nutritional values:	Value	Dimension	Tolerance
Energy	2340/559	KJ/Kcal	100 g
Protein	30,2	%	100 g
Total Lipid (fat	49	%	100 g
Of which saturated	8,66	%	100 g

16,2	%	100 g	
21	%	100 g	
0	%	100 g	
10,7	%	100 g	
1,4	%	100 g	
6	%	100 g	
7	mg	100gr	
	21 0 10,7 1,4	21 %   0 %   10,7 %   1,4 %   6 %	

\*1 Based on: FoodData Central (usda.gov)

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:	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	

## Storage conditions:

The product should be stored on pallets in a dark, clean, dry and well-ventilated storage facility. The facility should be free from foreign smell, free of pests and their residues and away from the wall, at least 0,5m away from heaters, sewers and water supply pipes.

Aldebaran advises storage temperature: 8-14 °C. Relative humidity should not exceed 75%. Store at a temperature not exceeding 20°C.