DIPASA	HACCP				Authorised by QA department
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	Subject	Product specification	Chinese Organic pumpkin kernels, Grown Without Shell		

Chinese organic pumpkinkernels are procurred from a selected group of approved suppliers. In some cases we reprocess the goods in our HACCP/BRC approved factory in The Netherlands. In this way we guarantee the quality we commit ourself to deliver to our clients.

Physical Characteristics

Colour of seeds	dark green	
Taste / Smell	typical	
Appearance	oval, flat	
FFA	< 2	%
Peroxide		meq/kg
Humidity	< 8	%
Purity	min 99,9	%

Nutritional value per 100 grams

Energetic value	2264	kJoule
	541	kcal
Protein	± 25	%
Carbohydrates	± 18	%
of which dietary fiber	± 4	%
Oil content (fat)	± 45	%
Ash	max 5	%

Minerals per 100 grams

Calcium, Ca	43	mg
Iron, Fe	15	mg
Magnesium, Mg	535	mg
Phosphorus, P	1174	mg
Potassium, K	897	mg
Sodium, Na	18	mg
Zinc, Zn	85	mg
Copper, Cu	1,4	mg
Manganese, Mn	3	mg
Selenium, Se	6	mcg

Vitamins per 100 grams

Vitamin C	1,9	mg
Thiamin	0,2	mg
Riboflavin	0,3	mg
Niacin	1,7	mg
Pantothenic acid	0,3	mg
Vitamin B-6	0,2	mg
Folate, total	58	mcg
Vitamin B-12	0	mcg
Vitamin A, IU	380	IU
Vitamin A, RE	38	mcg_RE
Vitamin E	1	mcg_ATE

Shelf life
18 months

Marking on bags
11 digit traceability mark or
Product name, net weight, lot number, best before

Microbiology

Total plate count	< 500,000	cfu/g
Yeast	< 5,000	cfu/g
Mould	< 5,000	cfu/g
Enterobacteriaceae	< 50,000	cfu/g
Coliforms	< 50,000	cfu/g
Salmonella	neg /25 gr	
Escherichia coli	< 10	cfu/g
Staphylococcus aureus	< 50	cfu/g
Bacillus cereus	< 50	cfu/g
Sulphite reducing anaerobes	< 50	cfu/g
Clostridium perfringens	< 50	cfu/g
Faecal streptococci	< 50	cfu/g
Campylobacter	< 10	cfu/g
Listeria monocytogenes	< 10	cfu/g

Pesticides
According to EU regulation.

Heavy metals

- Cadmium	< 300	ppb
- Lead	< 500	ppb
- Mercury	< 30	ppb
- Arsenic	< 30	ppb

Toxines

- Aflatoxin B1+B2+G1+G2	< 4	ppb
- Ochratoxin A	< 5	ppb

Packaging

- 25 kgs net paper or poly bags
- 50 lbs net paper or poly bags
- stabilized big bags 500 - 750 kgs net

Storage advise
Store in cool, dry and dark place, preferably below 15°C.

Alba list	yes	no
cow milk protein		*
lactose		*
chicken egg		*
soya protein		*
soya oil		*
gluten		*
wheat		*
rye		*
beef (-derivates)		*
pork (-derivates)		*
chicken (-derivates)		*
fish		*
crustacean/shellfish		*
corn/maize		*
cocoa		*
yeast		*
pulses		*
nuts		*
nuts oil		*

Alba list	yes	no
peanuts		*
peanut oil		*
sesame seed		*
sesame oil		*
glutamates		*
sulphite (E220-E227) ***		*
benzoic acids and parabenes (E210-E219) ***		*
azo colours *		*
tatrazine (E102)		*
cinnamon		*
vanillin		*
coriander		*
celery		*
umbelliferae **		*
carrot		*
lupine		*
mustard		*
molluscs		*

* colours E102, E110, E122, E123, E124 and E151
** aniseed, dill, caraway, celery, chervil, corinder, lavas, cumin, myrrh, parsley, fennel.
*** if sulphite or benzoic acid and parabens are present, please note the quantity