
 DIPASA	HACCP			Authorised by	QA
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	Chapter			Page	1
	Subject	Product specification	Amaranth seed		

Amaranth is procured 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 flour	Yellow
Taste / Smell	Typical
Appearance	Powder

Humidity	< 8 %
Purity	min 99,99 %

Nutritional value per 100 grams

Energetic value	1565	kJoule
	374	kcal
Protein	14,5	%
Carbohydrates	66	%
of which dietary fiber	9,3	%
Oil content (fat)	6,5	%
Ash	< 4	%

Minerals per 100 grams

Calcium, Ca	153,0	mg
Iron, Fe	7,6	mg
Magnesium, Mg	266,0	mg
Phosphorus, P	455,0	mg
Potassium, K	366,0	mg
Sodium, Na	21,0	mg
Zinc, Zn	3,2	mg
Copper, Cu	0,8	mg
Manganese, Mn	2,3	mg

Vitamins per 100 grams

Vitamin C	4,20	mg
Thiamin	0,10	mg
Riboflavin	0,20	mg
Vitamin B-6	0,20	mg
Vitamin A, RE	0,00	µg

Shelf life

18 months

Marking on bags

12 digit traceability mark or
Product name, net weight, lot number, best before

Storage advise

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

Microbiology

Total plate count
Yeast
Mould
Enterobacteriaceae
Coliforms
Salmonella
Escherichia coli
Staphylococcus aureus
Bacillus cereus
Sulphite reducing anaerobes
Clostridium perfringens
Faecal streptococci
Campylobacter
Listeria monocytogenes

< 500 000	cfu/g
< 1,000	cfu/g
< 1,000	cfu/g
< 10	cfu/g
< 5,000	cfu/g
neg /25 gr	
< 10	cfu/g
< 100 000	cfu/g
< 100 000	cfu/g
< 50	cfu/g
< 100 000	cfu/g
< 50	cfu/g
< 10	cfu/g
< 10	cfu/g

Pesticides

- Organochlor
- Organophosphor

< 50	ppb
< 50	ppb

Heavy metals

- Cadmium
- Lead
- Mercury
- Arsenic

< 300	ppb
< 500	ppb
< 30	ppb
< 30	ppb

Toxines

- Aflatoxin B1+B2+G1+G2
- Ochratoxin A

< 4	ppb
< 5	ppb

Packaging

- 25 kgs net paper
- 50 lbs net paper

Alba list

	yes	no
cow milk protein		*
lactose		*
chicken egg		*
soya protein		*
soya oil		*
Cereals containing 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 *		*
tatazine (E102)		*
cinnamon		*
vanillin		*
coriander		*
celery		*
umbelliferae **		*
carrot		*
lupine		*
mustard		*

* colours E102, E110, E122, E123, E124 and E151

** aniseed, dill, caraway, celery, chervil, coriander, lavas, cumin, myrrh, parsley, fennel.

*** if sulphite or benzoic acid and parabens are present, please note the quantity
? = may contain traces (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof