

	<b>HACCP</b>			Authorised by QA department	
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	Subject	Product specification	Blue poppy seed Organic		

Blue poppy seed 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 seeds	dark bleu to dark grey
Taste / Smell	Typical, fresh, nutty, not rancid, not bitter
Appearance	round
FFA	<1.5 %
Peroxide	< 3 %
Humidity	± 8 %
Purity	min 99 %

**Nutritional value per 100 grams**

Energetic value	1976	kJoule
	477	kcal
Carbohydrates	± 4	%
Protein	min. 20	%
Oil content (fat)	min. 42	%
Ash	± 6	%
Dietary fiber	± 10	%

**Minerals per 100 grams**

Calcium, Ca	1448	mg
Iron, Fe	9,4	mg
Magnesium, Mg	331	mg
Phosphorus, P	849	mg
Potassium, K	700	mg
Sodium, Na	21	mg
Zinc, Zn	10	mg
Copper, Cu	1,6	mg
Manganese, Mn	6,8	mg
Selenium, Se	1,6	mcg

**Vitamins per 100 grams**

Vitamin C	3	mg
Thiamin	0,85	mg
Riboflavin	0,17	mg
Niacin	0,97	mg
Pantothenic acid	0	mg
Vitamin B-6	0,44	mg
Folate, total	58	mcg
Vitamin B-12	0	mcg
Vitamin A, IU	0	IU
Vitamin A, RE	0	mcg_RE
Vitamin E	2,7	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	< 1,000,000	cfu/g
Yeast	< 5,000	cfu/g
Mould	< 5,000	cfu/g
Enterobacteriaceae	< 50,000	cfu/g
Coliforms	< 10,000	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 regulations.

**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