

ITEM	SPECIFICATION	METHOD
Appearance	White free flowing powder	Visual
Odor	Neutral, typical for faba bean	Organoleptic
Flavor	Neutral, typical for faba bean	Organoleptic
Particle size	98 % through 100 mesh (150 µm)	Sieve
Mean	24 µm	
Median	24 µm	

CHEMICAL DATA

Protein (N*6.25) on dry basis	< 0.5 %	Kjeldahl, ISO 3188
Total starch on dry basis	> 98 %	EG / 152 / 2009-IIIIL
Moisture	< 12 %	Oven (130°) ISO 15914
Ash	< 0.5 %	Oven, ISO 3593
Dietary Fibre	< 5.0 %	ADAC 900.02
pH (10% suspension)	6.5 – 6.8	USP

MICROBIOLOGY

Total plate count	Max. 10.000 CFU/g	ISO 4833 – 1
Yeast	Max. 100 CFU/g	ISO 21527 – 1/2
Moulds	Max. 100 CFU/g	ISO 21527 – 1/2
Staphylococcus	Max. 10.000 CFU/g	ISO 6888 – 1
Bacillus cereus	Max. 10.000 CFU/g	ISO 7932
E.coli	Max. 10 CFU/g	ISO 16649 – 2
Salmonella	Absent in 25 grams	ISO 6579 – 1

ANTI-NUTRITIONAL FACTORS (AS IS)

Tannine	< 0.5 %
Vicine	< 300 mg/kg
Convicine	< 100 mg/kg
Phytic acid	< 0.01 g / 100 g
Trypsin Inhibitor Activity	< 1 mg/g

ALLERGENS

Wheat gluten	< 5 mg / kg	Elisa
Soya, detection of soya DNA	< 10 mg / kg	Realtime PCR.

OTHER REQUIREMENTS

Product complies with the food regulations in force of the European Union including the one listed below but not limited to, for the presence of contaminants, toxins, pesticide residues, residues of veterinary drugs, micro-organisms and other undesirable substances in foods and packaging materials and the maximum limits for additives, processing aids and enzymes will not be exceeded.

- Regulation (EC) No. 178/2002 of the European parliament and of the council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.
- Regulation (EC) No. 852/2004 of the European parliament and of the council of 29 April 2004 on the hygiene of foodstuffs.
- Commission Regulation (EC) No 1881/2006 of 19 December 2006 setting maximum levels for certain contaminants in foodstuffs (such as heavy metals, mycotoxins, dioxin, 3 MCPD. ...), and later amendment.
- Regulation (EC) No. 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC and later amendments.

The supplier shall perform annual testing to show compliance with all applicable EU regulations for this Product.