

# Pea Protein powder 80%

## Technical Data Sheet

<b>Article number</b>	HITB.04.0055
<b>Article name</b>	Organic Pea Protein Powder 80%
<b>Botanical name</b>	Pisum sativum
<b>Other names</b>	---
<b>Origin</b>	China
<b>Origin of the raw materials</b>	---
<b>Certification</b>	According to the EC-Regulations on organic farming
<b>Additional certification</b>	ISO 9001:2008, HACCP



### Legal foundation

This product is in conformity with European and Dutch legislation with regard to food safety. It is safe and suitable for human consumption. All of our organic products are in accordance with EU-Regulations No. 2018/848, the associated implementing regulations and the BNN-Guidelines. This product has not been produced from a GMO source and does not contain any GMO ingredients. This product has not been exposed to irradiation.

### Brief description / Production process

Pea protein powder is a natural vegetable protein source extracted from yellow peas. It has over 80% protein on dry basis and has a well-balanced amino acid profile, rich in lysine and arginine.

### Composition

Ingredient	Part in %
Organic yellow Pea	100

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## 1) Sensory characteristics

	Parameter	Declaration
1.1	Appearance / Colour	Yellowish
1.2	Odour	Characteristic, without any off-odours
1.3	Flavour	Characteristic, without any off-flavours
1.4	Consistency / Texture	Fine powder

## 2) Physical / Chemical parameters

	Parameter	Unit	Value
2.1	Moisture / Water content	%	Max. 10
2.2	Purity	%	99,95
2.3	Ash	%	Max. 8
2.4	Additives	-	None
2.5	Mesh size		100

## 3) Microbiological data

	Parameter	Unit	Value
3.1	Total plate count	cfu/g	≤ 30.000
3.2	Yeasts	cfu/g	≤ 50
3.3	Moulds	cfu/g	≤ 10
3.4	Enterobacteriaceae	cfu/g	≤ 10
3.5	Coliforms	cfu/g	≤ 10
3.5	E. coli	cfu/g	≤ 10
3.6	Salmonella	/25 g	Absent

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## 4) Residues, contaminations, heavy metals and mycotoxins

	Parameter	Definition
4.1	<b>Residues and contaminations</b> (bromide, methyl bromide, organochlorine pesticides, phosphine, storage additives, organophosphorus pesticides, etc.)	This product is in conformity with the European and Dutch legislation. This product is in accordance with EC-Regulations No. 2018/848, the associated implementing regulations and the BNN-Guidelines
4.2	<b>Heavy metals</b> (cadmium, lead, mercury, etc.)	In accordance with EC-Regulation No. 488/2014 No. 1881/2006, EU-Regulation No. 2021/1317 and No. 2021/1323
4.3	<b>Mycotoxins</b> (ochratoxin, aflatoxin, deoxynivalenol, fumonisin, patulin, zearalenone, etc.)	According to EC-Regulation No. 1881/2006

## 5) Nutritional values per 100 g

	Parameter	Unit	Value
5.1	Energy	kJ/kcal	400/1.673
5.2	Fat	g	5-12
	of which saturated fatty acids	g	1-3
5.3	Carbohydrates	g	≤ 2
	of which sugars	g	≤ 1,5
5.4	Dietary fibre	g	2-8
5.5	Protein	g	≥80
5.6	Salt	g	2,31

	Amino Acids	Value (%)		Amino Acids	Value (%)
5.7	Alanine	2,5 – 5,2	5.16	Lysine	4,2 – 7,2
5.8	Arginine	4,5 – 7,5	5.17	Methionine	0,7 – 1,7
5.9	Aspartic acid	7,2 – 10,2	5.18	Phenylalanine	2,5 – 5,5
5.10	Glutamic acid	11 – 15	5.19	Proline	2,8 – 5,8
5.11	Cysteine	1,0 – 2,0	5.20	Serine	2,5 – 5,5
5.12	Glycine	1,5 – 4,5	5.21	Threonine	2,0 – 5,0
5.13	Histidine	0,6 – 3,6	5.22	Tryptophan	≤ 1,5
5.14	Isoleucine	1,5 – 4,5	5.23	Tyrosine	1,5 – 4,5
5.15	Leucine	4,9 – 7,9	5.24	Valine	2,1 – 5,1

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## 6) Allergen information

Presence/absence of ingredients with allergenic potential according to EU-Regulation No. 1169/2011 combined with the LeDa (ALBA) allergen list.

	Allergen, ingredient, trigger	Present in recipe?
1	Cereals containing gluten (wheat, rye, barley, oats, spelt, kamut)	No
2	Crustaceans	No
3	Eggs	No
4	Fish	No
5	Peanuts	No
6	Soybeans and products thereof	No
7	Milk and products thereof	No
8	Nuts	No
9	Celery and products thereof	No
10	Mustard and products thereof	No
11	Sesame seeds and products thereof	No
12	Sulphur dioxide and sulfites at concentrations of more than 10mg/kg or 10mg/L as expressed as SO <sub>2</sub> .	No
13	Lupin and products thereof	No
14	Molluscs and products thereof	No

The allergen information above is based on information of our supplier.  
We point out, that cross-contamination cannot be excluded to 100%.

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## 7) Packaging

Packaging is in accordance with EC-Regulations No. 1935/2004, No. 2023/2006 and No. 10/2011.

	Description	Unit
7.1	Net weight	20 Kg
7.2	Short description of the packaging (material)	Bag

## 8) Storage / Shelf life

**Storage conditions:** cool (< 18 °C), dark and dry (max. 65 % relative humidity) storage without stretch-film. Do not freeze.

**Shelf life:** 24 months after production in unopened original packaging on correct storage and transport conditions.

## 9) Other details

This specification contains reference values. Deviations of the appearance, composition, colour, flavour and odour are due to the natural origin of the ingredients.

The above specification is based on the information from our suppliers. We recommend to check the suitability of our products by own tests.