

# Product Sheet - Pea Protein Isolate

pea protein isolates extracted from the yellow pea, a natural and gluten free raw material. Thanks to its nutritional and functional properties, is the best solution for powder blends, non-dairy products such as beverage, ice cream, yogurt and cheese.

## Guaranteed specifications (Analytical methods available on request)

Dry matter (D.M.) min 93%

## Composition based on D.M

Proteins 86 +/- 2%  
Ash max 6.0%

## Microbiology (expressed in CFU)

C. Perfringens max 10/g  
Enterobacteriaceae max 10/g  
E. Coli absent/1g  
L. Monocytogenes absent/25g  
Moulds max 25cfu/g  
Salmonella absent/375g  
S. Aureus absent/1g  
Aerobic plate count max 10.000/g  
Yeasts max 25cfu/g

## Characteristics

Arsenic max 0.1 ppm  
Cadmium max 0.1 ppm  
Gluten max 20 ppm  
Mercury max 0.1 ppm  
Lead max 0.2 ppm

## Typical data (indicative values)

### General Characteristics

Colour	cream	Ochratoxin A	~ 3 ppb
Density - Tapped	~ 0.40 kg/l	pH (10% in water)	~ 7.8
Granulometry	~ 90 % < 200 µm	Taste	neutral

### Nutritional Characteristics: Average amino acids content (g/100 g proteins)

Alanine	4.3	Lysine	7.2
Arginine	8.7	Methionine	1.1
Aspartic acid	11.5	Phenylalanine	5.5
Cysteine	1.0	Proline	4.5
Glutamic Acid	16.8	Serine	5.3
Glycine	4.1	Threonine	3.9
Histidine	2.5	Tryptophan	1.0
Isoleucine	4.5	Tyrosine	3.8
Leucine	8.4	Valine	5.0

## Proposed labelling

Pea protein isolate, pea protein, vegetable protein.

## Nutrition Labelling (values expressed per 100g commercial product)

Caloric Value (energy)	413 kcal, 1730 kJ	Fat	9 g
Carbohydrates	0.7 g	of which saturated	2.1 g
of which sugars	0 g	Protein	81.7 g
Dietary Fibre	1.4 g	Salt	5 g

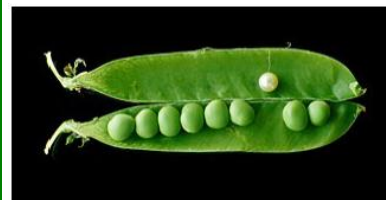
## Certification

KOSHER & HALAL (on demand) certified ingredient.

Does not contain GMO's or GMO-derived components. Not produced using GMO-based technology (not concerned by EC 1829/2003 and EC 1830/2003).

## SOLUTIONS

### Natural



- Clean label ("pea protein")
- GMO free (\*)
- Free from common allergens
- Low in anti-nutritional factors
- High tolerance

(\*) peas are not included in the EU GMO's register

### Nutrition & Health

- Balanced amino acid profile
- Not deposited in the body as fat
- Provides satiety
- Rich in valuable amino acids for weight control, sports & medical food

### Technological

**Allergens**

No labelling required according to EC legal requirements for Allergen Labelling (CE) N°1169/2011. In conformity with regulation (EC) N°828/2014 repealing regulation (EC) N°41/2009 concerning the composition and labelling of foodstuffs suitable for people intolerant to gluten.

**Safety**

Food grade, suitable for human consumption. Free from any harmful or toxic substances. This product is manufactured in an FSSC22000 certified company. *Certification recognized by Global Food Safety Initiative (GFSI).*

**Shelf-life**

2 years in original sealed bag under dry conditions (max 30°C, max 60% R.H.).

**Packaging**

Multi-layer paper bags (with PE liner inside) 15 kg net on pallet.

Euro-pallet 630kg net (120X85X220 cm) (LengthxWidthxHeight cm).



- Good emulsifying properties
- Low impact on product texture
- Cream colour

**APPLICATIONS**

- Gluten free foods
- Beverages (RTD, mixes)
- Wine & juices
- Bars
- Powder mixes (soups, omelette...)
- Dairy alternatives (puddings...)
- Ready meals

**OTHER PRODUCTS**