

Product Sheet **Pisane® F9**



Tel +32(0) 69 44 66 00
Fax +32(0) 69 44 66 22

Email
sales@cosucra.com

visit our website :
<http://www.cosucra.com>

Pisane® is a range of pea protein isolates extracted from the yellow pea, a natural and gluten free raw material. Pisane® F9 is suitable for a number of applications such as Powder blends, Dairy alternatives & Ready meals, and has a low impact on the product's texture.

Guaranteed specifications (Analytical methods available on request)

Dry matter (D.M.) min 93%

Composition based on D.M

Proteins 88+/- 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)	~ 6.5
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)	421 kcal , 1761 kJ	Fat	9 g
Carbohydrates	0.7 g	of which saturated	2.1 g
of which sugars	0 g	Protein	83.6 g
Dietary Fibre	1.4 g	Salt	2.7 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).

Produced by

Cosucra Groupe Warcoing S.A., Belgium (Manufacturing site: Provital, Belgium).



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

APPLICATIONS

- Gluten free foods
- Powder mixes (soups, omelette...)
- Dairy alternatives (puddings...)
- Ready meals

PRODUCTS

Pisane® C9, B9, F9, M9 : pea protein isolate