

Product Sheet **Pisane® C9**

Pisane® is a range of pea protein isolates extracted from the yellow pea, a natural and gluten free raw material. Pisane® C9 is suitable for a number of applications such as powder blends, biscuits, bars, non-dairy ice cream, crisps, pasta and has a bland flavour profile.

Specifications (Analytical methods available on request)

Dry matter (D.M.) 95 +/- 2%

Composition based on D.M

Proteins 86 +/- 2%
 Fat (PE extract) max 1.5%
 Carbohydrates max 3.4%
 Ash max 6.0%

Microbiology

C. Perfringens max 10/g
 Enterobacteriaceae max 10/g
 E. Coli absent/1g
 L. Monocytogenes absent/25g
 Salmonella absent/25g
 S. Aureus absent/1g
 Aerobic plate count max 10.000/g
 Yeasts and Moulds max 50/g

Typical Data

General Characteristics

| | | | |
|--------------------|-----------|-------------------------------|-------------|
| Aflatoxines B1 | < 2 ppb | Heavy metals (Pb, Cd, Hg, As) | max 0.5 ppm |
| Colour in solution | cream | Ochratoxin A | < 3 ppb |
| Density - Tapped | 0.40 kg/l | pH (10% in water) | ~7.8 |
| Granulometry | < 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 |
| Cystine | 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 |

Labelling

Pea protein isolate, pea protein, vegetable protein.

Nutrition Labelling (values expressed per 100g commercial product)

| | | | |
|------------------------|-------------------|--------------------|--------|
| Caloric Value (energy) | 350 kcal, 1485 kJ | Fat | 1.7 g |
| Carbohydrates | 0.8 g (3.2 g) (1) | of which saturated | 0.26 g |
| of which sugars | 0 g | Protein | 81.7 g |
| Dietary Fibre | 2.4 g | Sodium | 1.5 g |

(1) Including dietary fibre with a caloric value of 2 kcal/g, conformed to EU directive 2008/100 & subject to local regulations

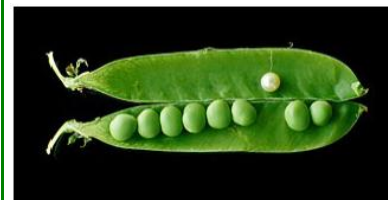
Certification

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
- Low Allergenic
- Low in anti-nutritional factors
- High tolerance

Nutrition & Health



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

Technological

