



NUTRITIOUS GOOD FOR ME

- **Rich in essential amino acids** (AAS = 0.96 ⁽¹⁾)
- **High digestibility** (98% ⁽²⁾) intermediate fast protein
- **High protein content, isolate**
- **Good source of BCAA**
- **Low anti-nutritional factors** thanks to a unique process
- **Free-from common allergen**



SUSTAINABLE GOOD FOR THE PLANET

- **Affordable:** to support the protein transition in our everyday food
- **Local sourced EU** & Non-GMO crop
- **Sustainable crop:** no nitrogen fertilization, no need for irrigation



FUNCTIONAL TRUE EXPERIENCE

- **Superior sensory**
- **A range of functional proteins** to fit technological challenges of food, drink and nutrition applications. Unique process.



PISANETM PEA PROTEIN ADDRESSES 4 MAJOR CHALLENGES

- Rebalance the nutritional profile of mainstream food & drinks
- Fortify nutritional products in protein
- Diversify the protein sourcing
- Take part of planet well-being

(1) Protein and Amino acid requirements in human nutrition, Report of the Joint FAO/WHO/UNU Expert Consultation. WHO Technical Report Series 935, 2007 - >18 y old suggested amino acid pattern
(2) Data from Sarwar et al., 1989 Pr Tomé (INRA Paris), 2002, COSUCRA confidential data



Key functional benefits

PISANE™ LS

- Good solubility
- Good emulsifying capacity
- Unique taste
- Good dispersibility

PISANE™ LS Premium

The PISANE™ LS ...
for ambient shelf-life storage

PISANE™ B9

- Low water absorption
- Easy-to-disperse
- Excellent processability

PISANE™ M9

- Good emulsifying properties
- Higher viscosity
- Binding properties

PISANE™ ES

- Excellent fibrillation properties

Mainstream

Bars
Non-dairy drink
Non-dairy yogurt
Non-dairy (frozen) dessert
Non-dairy creamers
Non-dairy cheese
Meat and poultry
Plant-based meat, poultry & fish
Pâté & spreads
Sauces, dressings & seasonings
Plant-based butter



Specialties

Fortified, Gluten-,
Egg-, Dairy-free, ...

Bread, pizza
Biscuits, cakes
Cereals & porridges
Pasta & noodles
Extruded cereals



Intermediary & auxiliaries

HMMA
TVP
Glazing
Chocolate coating
Extruded crisps
Micro-pellets
Wine fining agents



Health & Nutrition

RTD beverage
Powder supplements & shakes
Bars
Protein crisps
Purées
Baking mixes



COSUCRA Groupe Warcoing SA. Rue de la Sucrière, 1 • B-7740 Warcoing – Belgium • E : sales@cosucra.com • W : www.cosucra.com • VAT : BE0883812926

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