



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	PISANE™ LS Premium	PISANE™ B9	PISANE™ M9	PISANE™ ES
	<ul style="list-style-type: none"> ➤ Good solubility ➤ Good emulsifying capacity ➤ Unique taste ➤ Good dispersibility 	The PISANE™ LS ... for ambient shelf-life storage	<ul style="list-style-type: none"> ➤ Low water absorption ➤ Easy-to-disperse ➤ Excellent processability 	<ul style="list-style-type: none"> ➤ Good emulsifying properties ➤ Higher viscosity ➤ Binding properties 	<ul style="list-style-type: none"> ➤ Excellent fibrillation properties
	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	✓			
	Bread, pizza		✓		
	Biscuits, cakes		✓		
	Cereals & porridges	✓	✓		
	Pasta & noodles	✓	✓		
	Extruded cereals		✓		
	HMMA				✓
	TVP				✓
	Glazing	✓	✓		
	Chocolate coating		✓		
	Extruded crisps		✓		
	Micro-pellets				✓
	Wine fining agents	✓			
	RTD beverage	✓	✓		
	Powder supplements & shakes	✓			
	Bars		✓		
	Protein crisps		✓		
	Purées	✓			
	Baking mixes		✓		



Mainstream



Specialties

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



Intermediary & auxiliaries



Health & Nutrition

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