

NUTRALYS® PEA PROTEIN ISOLATES

NUTRALYS® pea protein is a range of plant protein ingredients, extracted from the yellow pea through Roquette’s patented water process. **The result is a trusted, clean-tasting and nutritious high-quality protein.** The range offers easy-to-use ingredients suitable for a wide range of applications. Sustainability, value-added functionalities and nutritional benefits are part of the complete NUTRALYS® solution.

A Sustainable Solution Made from Yellow Pea

- Yellow peas are non-GMO crops.
- Yellow peas require no irrigation and no nitrogen fertilization.
- NUTRALYS® pea protein isolates are manufactured in France and in Canada.



NUTRALYS® Pea Protein Isolates: Characteristics and Benefits

	CHARACTERISTICS	VALUE FOR MANUFACTURERS	VALUE FOR CONSUMERS
 <p>Naturally nutritious and packed with proven health benefits</p>	<ul style="list-style-type: none"> • High quality pea protein isolate (85% on DS) • Source of BCAA (branched-chain amino acids) • Low isoflavone and anti nutritional factors content • Easy to digest • Proven benefits on muscle mass development, satiety and caloric intake, and blood glucose blunting¹ 	<p>Enables high-quality protein formulations with targeted health benefits</p>	<p>A nutritious alternative or complement to animal and soy-based products, supporting health-conscious choices</p>
 <p>Functionalities for great taste and texture</p>	<ul style="list-style-type: none"> • Large offer and versatile functionalities for a variety of applications • Optimized taste profile • Consistent batch-to-batch quality 	<p>Facilitates large-scale formulation and processing</p>	<p>Ensures a pleasant consumption experience and product satisfaction</p>
 <p>Trusted and suitable for specific dietary preferences</p>	<ul style="list-style-type: none"> • Not a major allergen² • Non-GMO³ • Gluten-free • Soy free • Kosher and halal certified • Organic option available 	<p>Minimal manufacturing constraints, easy integration</p>	<p>Widely accepted as a safe and inclusive ingredient for diverse dietary needs</p>

Product Information

- Ingredient Label: Pea protein isolate or pea protein
- Packaging: 20 kg and 25 kg bags, big bags
- Shelf Life: Manufacture date⁴ + 5 years
- Best Before Date: Manufacture date⁴ + 2 years

NUTRALYS® Pea Protein Isolate – Range and Applications

Grade	Main Functionalities	SAVORY		BAKERY AND SNACKS		SPECIALIZED NUTRITION		DAIRY AND BEVERAGES	
		Plant-Based Meat	Sauce, Dressing	Bread, Bar, Biscuit, Cake, Pastry	Cereal, Extruded Snack	Protein Powder Mix, RTD*, Bar	FSMP**	Plant-Based Milk	Plant-Based Ice Cream, Yogurt, Cheese
Conventional									
F85F	Gelling, emulsifying		●						
F85M	Gelling, emulsifying	●	●	●	●				
Pea F853M	Extrudable	●							
L85M	Reduced sodium	●	●	●	●				
F85G	Higher flowability	●		●	●				
B85F	Low water binding			●	●	●			
S85F	Solubility, emulsifying					●	●	●	●
S85XF	Smooth texture			●	●	●	●	●	●
S85 PLUS N	High solubility, low viscosity			●	●	●	●		
S85 PLUS D	High solubility, low viscosity							●	●
Pea S854F	Creamy texture					●		●	●
Pea 850F						●	●	●	●
Organic									
S85F Organic	Solubility, emulsifying					●	●	●	●
L850F Organic	Reduced sodium					●	●	●	●
S85XF Organic	Smooth texture					●	●	●	●
F85M Organic	Gelling, emulsifying	●	●	●	●				

*Ready to Drink

**Food for Special Medical Purposes

1. Any information provided herein is intended for food operators for their internal awareness only and must not be delivered as such to final consumers. No warranty, whether expressed or implied or guarantee of product properties is intended or implied. Each NUTRALYS® health benefit is supported by at least one clinical study and does not constitute a validation for health claims. Food manufacturers who would like to use NUTRALYS® pea protein for these benefits will have to run their own studies based on their own formulation, and respect claims validation process, communication, and/or usage levels, on a country-by-country basis where appropriate. Roquette does not warrant that the information or its use will not infringe any patent or other proprietary rights of any third party. Providing any such information shall not be construed as a commitment of Roquette to sell any product encompassing any of such information in the future. 2. Pea is not listed in the Codex Stan 1-1985 (Rev. 1-1991)-§4.2.1.43, list of allergens to be labeled. Due to a few rare reported allergic reactions with pea (and their derived products), we strongly suggest to our customers to list the botanical origin of their pea-derived products in their ingredient statement. 3. According to Regulations (EC) No 1829/2003 and No 1830/2003. 4. European regulations 1169/2011 and 1333/2008/CE for food additives require the labeling of a "Minimum Durability Date" on the food and food ingredient packaging.

