

NUTRALYS® PLANT PROTEIN FAMILY OF INGREDIENTS

With more than 40 years' experience in the research and production of plant proteins, Roquette is the pioneer in plant protein specialties for Food, Nutrition & Health markets. NUTRALYS® is not a single ingredient: It's many. Sourced from the most discerning producers in France, Europe and Canada, cultivated and stored according to the best quality protocols in the industry to ensure a safe, sustainable and advanced pea agri-chain and developed in unique plant protein production facilities - every ingredient in the NUTRALYS® range is designed to provide the sustainable nutrition consumers want, with the availability and consistent quality you need.

Every NUTRALYS® ingredient is different, too. From specific nutritional needs to ideal functionalities, each product meets the needs of a particular market segment. You can use NUTRALYS® for a wide range of applications - and the possibilities for food innovation are growing every day.

Yellow Pea Protein

The nutritious, sustainable and soil-replenishing yellow pea is among the fastest-growing sources on the market - and NUTRALYS® is the widest range of pea protein ingredients available today. Thanks to a patented, water-based process, we regularly develop new plant protein ingredients adapted to a wide range of plant-based foods, placing our customers at the forefront of innovation.

Fava Bean Protein

A variety of plant-based protein sources is key to ensure fulfillment of taste and nutritional needs. The fava bean is a rich source of proteins and fiber. Like the yellow pea, fava bean farming is sustainable and presents great agronomic advantages. Fava bean adds diversity and nutritional variety to the NUTRALYS® family - and offers you the opportunity to expand your marketing positioning.

A Sustainable Solution

- Yellow peas and fava beans are non-GMO pulse crops
- Yellow peas and fava beans require no irrigation and no nitrogen fertilization
- Contributes to soil fertility and to better yields in crop rotations
- Clean physical process
- Raw material and manufacturing in Europe and Canada



YELLOW PEA



FAVA BEAN

Product Information

Regulatory Status / Key Facts:

- Not a major allergen*
- Non-GMO
- Gluten-free



Roquette Global Food Customer Technical Service

Thanks to their high expertise and state-of-the-art technologies and equipment, our multidisciplinary teams work on a large range of food applications including specialized nutrition, bakery and snacks confectionery, dairy, savory, and beverages.



*Except textured grades

Nutralys®
PLANT PROTEIN BY ROQUETTE

*Pea and fava bean are 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. Fava bean is not a major allergen according to EU Regulation 1169/2011. However, French Food Safety Agency (ANSES) recommends not to consume broad beans or fava beans in the event of Glucose-6-Phosphate dehydrogenase (G6PD) deficiency, irrespective of their preparation and consumption conditions.

NUTRALYS® PLANT PROTEINS INGREDIENTS RANGE

Textured

Sourced from the yellow pea — and now from the fava bean — NUTRALYS® is an environmentally-friendly and clean textured protein range (dry form). Thanks to different botanical sources and specific structures, NUTRALYS® textured plant proteins enable the creation of high performing meat alternatives for new experiences in taste, texture, and nutrition.



NUTRALYS® Plant Proteins - Textured

Product Specifications	NUTRALYS® TP65M	NUTRALYS® T70S	NUTRALYS® TP-C	NUTRALYS® TP70G	NUTRALYS® TF-C
Raw material origin	Pea	Pea	Pea	Pea	Fava bean
Shape	Minced	Strips	Chunks	Granules	Chunks
Protein content (g/100g commercial product)	65%	70%	70%	70%	60%
Meat alternative applications (suggested but not limited to)	Burgers, Meatballs, Sausages, Nuggets, Fish Sticks, Spreadables	Burgers, Meatballs, Sausages, Nuggets	Burgers, Meatballs, Sausages, Nuggets, Fish Sticks, Spreadables	Taco Meat, Sausage, Bolognese Sauce, Ground	Burgers, Meatballs, Sausages

* Dry Substance

Visit roquette.com/product-finder for product availability by region.

Isolates

NUTRALYS® pea protein is a range of plant protein ingredients, extracted from the yellow pea through ROQUETTE's patented pure water process. **The result is a trusted, clean-tasting and nutritious protein.** The range offers easy-to-use ingredients suitable for a wide range of applications. Sustainability, value-added technical performance and health benefits are part of the complete NUTRALYS® solution.



NUTRALYS® Pea Protein - Isolates

Range and Applications	F85F	F85M	L85M	F85G	S85F	B85F	S85XF	S85 PLUS
Plant-Based Meats	✓	✓	✓					
Sauces	✓	✓						
Bakery and Snacks (Extruded snacks, bars, bread, biscuits)	✓			✓		✓		
Dairy Alternatives	✓				✓		✓	✓
Specialized Nutrition (High- protein powder mix, bars, RTD beverages)					✓	✓	✓	✓
Clinical Nutrition					✓		✓	✓

Visit roquette.com/product-finder for product availability by region.