

BecoPulse Bio Range Plant-Based Organic Proteins

Natural ingredients for stabilization and enrichment of food products



BECOPULSE is a range of organic plant-based proteins with excellent functionality and high nutritional properties.

Dry brown peas and fava beans are purified, de-hulled, milled and classified in dry system without high temperature impact. Therefore, the product retains its raw-protein functionality and high nutritional profile.

Characteristics

- High quality plant-based proteins
- Excellent functionality
- High nutritional properties
- High protein content
- Gluten-free
- GMO-free
- EU Origin
- Traditional European crops

Functional ingredients

Emulsifier

Brown pea and fava bean protein concentrates function as emulsifiers. They absorb water and oil at 1:4 at temperatures above 70°C. Pea protein has similar emulsifying properties in oil-in-water emulsions as egg protein and by changing its acidity you can regulate the thickness of the emulsion. Pea protein should be dissolved in water before adding fat phase.

Foaming agent

Pea protein is known to be a better foaming agent than soy protein and can replace cow milk proteins in various applications like ice cream, chocolate mousse etc.

Texturizer

Both brown pea and fava bean proteins create fiber-like texture and can be used as excellent texturizing agents in various applications. Their very high water holding capacity allow to create new and improve existing recipes.

Taste

Brown pea and fava bean protein combination allow to reduce legume taste profile in final product after heat treatment

Synergy with grains

The association of grain and pulses is of interest as grains such as wheat are deficient in lysine and rich in sulphuric amino acids and pulses such as peas are rich in lysine and have low content of sulphur amino acids. Grain and pulses are a perfect match in your diet!

100%
Vegan



BecoPulse Bio Range Products

BROWN PEA

PROTEINS

BECO PULSE PEA 50 BIO

Composition:

- Protein 50%
- Starch 30%
- Fat 3%
- Fibers 13%

Labeling: Organic brown pea protein concentrate

FLOURS

BECO PULSE PEA 17 BIO

Composition:

- Protein 16-17%
- Starch 68%
- Fat 1,4%
- Fibers 7%

Labeling: Organic brown pea flour

FAVA BEAN

BECO PULSE FAVA 60 BIO

Composition:

- Protein 60%
- Starch 20%
- Fat 4%
- Fibers 16%

Labeling: Organic fava bean protein concentrate

BECO PULSE FAVA 22 BIO

Composition:

- Protein 20-22%
- Starch 60%
- Fat 2,2%
- Fibers 10%

Labeling: Organic fava bean flour



VEGETARIAN & VEGAN

- Water & oil absorption
- Texture control
- Improvement of the mouthfeel
- Yield improvement
- Emulsifier
- Freeze-thaw stability



READY MEALS

- Water & oil absorption
- Texturizing
- Protein enrichment



SOUPS & SAUCES

- Viscosity regulator
- Texture control
- Binder, thickener and stabilizer
- Improvement of the mouthfeel
- Water & oil absorption



PROTEIN DRINKS

- Protein enrichment
- Texture control
- Viscosity regulator

