Fava bean protein

Grades: 85%

Fava bean protein with at least 85 g/100 g dry-basis protein for food and nutrition formulation trials. Compare the complete physicochemical and microbiological specification.

Grade specifications

Parameter	85%
Physical & chemical	
Appearance	Light yellow
Flavor	Characteristic; no peculiar smell
Impurities	Negative
Ash (g/100 g)	≤7
Moisture (g/100 g)	≤8
Protein, dry basis (g/100 g)	≥85
Fat (g/100 g)	≤3
pH	6.0-8.0
Contaminants	
Lead (mg/kg)	≤0.2
Arsenic (mg/kg)	≤0.2
Mercury (mg/kg)	≤0.2
Cadmium (mg/kg)	≤0.2
Aflatoxin (μg/kg)	≤2
Microbiology	
Total plate count (CFU/g)	≤10,000
Coliforms (MPN/100 g)	≤30
Escherichia coli	Negative
Molds & yeast (CFU/g)	≤30
Staphylococcus aureus	Negative
Salmonella	Negative
Shigella	Negative
Listeria	Negative

Specifications apply only to the named grade and supplied physical form. Not detected is not a numerical zero; not specified means no limit is supplied. Confirm the agreed test methods and use the batch COA for batch acceptance.

Grade selection and applications

85% grade: The supplied grade specifies at least 85 g/100 g protein on a dry basis, moisture ≤8 g/100 g and fat ≤3 g/100 g. Use its own contaminant and microbiological limits when approving a batch.

Formulation trials: Evaluate the light yellow ingredient for dispersion, flavor and texture in the intended powder, beverage or food system. No comparative solubility or emulsification result is supplied.

Product qualification: Request grade-specific allergen and antinutrient information, including vicine and convicine where relevant. The supplied specification does not establish their levels or a universal suitability conclusion.

Applications: Nutrition powders; Nutritional drinks; Protein bars; Bakery formulations; Blended nutrition; Prepared foods.

Packaging and storage

Item	Details
Packing	Net content ≥20 kg; confirm packaging type
Storage	Keep sealed in a cool, dry place away from direct sunlight, moisture and heat.
Shelf life	Confirm the shelf life for the selected grade

Safety and regulatory

Read the matching SDS for handling precautions. Confirm intended use, labeling and any certification scope for the selected grade and destination. Technical limits are not measured batch results; the agreed purchase specification and batch COA govern acceptance.