Proty

Loaded with Protein

Premium Freeze-Dried Protein Ingredients

Chicken • Fish • Meat • Whole Shrimp



PROTY Foods Lab Book

PROTY

About Proty

Proty specializes in freeze-dried meat and animal protein ingredients for manufacturers who need convenient, concentrated, and versatile protein solutions. We supply food, pet food, nutrition, and animal nutrition businesses with consistent quality and flexible formats.

- Bulk supply for commercial buyers
- Custom formats and particle sizes
- Export-ready documentation and dispatch



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Why Choose Proty

01 **Freeze-dried process:**

Carefully processed with freeze-drying technology to retain protein content and natural character.

02 **Multiple formats:**

Available in powder, chunks, diced, flakes, granules, slices, and whole pieces.

03 **Consistent quality:**

Controlled processing and testing throughout production.

04 **Traceability:**

Batch-level documentation and product specifications.

05 **Reliable supply:**

Coordinated dispatch and secure packaging for international orders.



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Our Product Range



Freeze-Dried Chicken

Powder • Chunks • Dices • Flakes



Freeze-Dried Fish

Powder • Chunks • Dices • Flakes



Freeze-Dried Meat

Powder • Chunks • Dices • Flakes



Freeze-Dried Whole Shrimp

Whole

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Freeze-Dried Chicken Powder

Proty Freeze Dried Chicken is made from carefully selected, high-quality chicken using advanced freeze-drying technology to preserve its natural taste, aroma, and nutritional value. Available in powder, chunks, diced, and flakes, it is rich in protein, lightweight, and easy to store. Ideal for soups, sauces, ready meals, snacks, seasonings, and other commercial food applications.

Available formats: Powder , Chunks ,Dices , Flakes, Granules, Protein

Applications: Pet food , Food manufacturing , Nutrition , Animal nutrition, Bulk Supply



SPECIFICATIONS

- **Protein content:** 65% to 85% (Varies based on raw animal source; defatting increases the % higher)
- Packaging : 25 kg multi-layer industrial barrier bags or heavy duty fiber drums
- Minimum Order Quantity: 500 kg to 1,000 kg (1 Ton) per production run
- Shelf Life: 12 to 24 months (From the date of manufacture when sealed)
- Storage Conditions :Temperature: < 25°C | Relative Humidity: < 60% (Climate-controlled warehouse)
- Particle or Cut Size: Powder: 40 to 80 mesh (< 0.4 mm) • Granules: 1 mm to 3 mm • Dices/Chunks: 5 mm, 8 mm, or 10 mm precision cubes
- Moisture: ≤ 3.0% to 5.0% maximum (Ultra-dry threshold to guarantee micro-stability)

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Freeze-Dried Fish



Proty Freeze Dried Fish is made from carefully selected, high-quality fish and freeze-dried using advanced technology to preserve its natural taste, aroma, and nutritional value. Available in powder, chunks, diced, and flakes, it is rich in protein, lightweight, and easy to store. Ideal for soups, sauces, ready meals, snacks, seasonings, pet food, and other commercial food applications.

Available formats: Powder ,Chunks , Dices , Flakes, Granules, Protein

Applications: Pet food , Food manufacturing, Nutrition, Animal nutrition, Bulk Supply

Specification	Details
Protein content [%]	Highly Concentrated (Varies by raw material source e.g., Chicken, Fish, Meat, or Shrimp). Dehydration from the freeze-drying process natively spikes the protein yield per gram.
Packaging [e.g., 25 kg bag]	Custom Commercial Formats (Bulk multi-layer industrial barrier bags, standard B2B boxes, or tailored private label retail formats).
Minimum order quantity [MOQ]	Custom Commercial Run Tier(Determined on a per-project partnership basis depending on the chosen animal protein source, volume requirements, and specific application)
Shelf life [months]	Long-Lasting / Extended (Typically 12 to 24 months, standard for stable freeze-dried industrial ingredients when sealed appropriately).
Storage [conditions]	Cool, dry place (Stored below 30°C in an airtight container, well-protected against ambient humidity and direct sunlight)
Sizes	• Powders / Granules: Micro-fine particle sizes for seamless blending • Chunks / Dices / Slices / Flakes: Precision-cut to specific millimeter measurements based on application requirements
Moisture	Ultra-Low Moisture / Hydrophobic (Natively minimized under standard freeze-drying parameters to arrest microbial growth and prevent caking).



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Freeze-Dried Meat

Proty Freeze Dried Meat is made from carefully selected, high-quality meat using advanced freeze-drying technology to preserve its natural taste, aroma, and nutritional value. Available in powder, chunks, diced, and flakes, it is rich in protein, lightweight, and easy to store. Ideal for soups, sauces, ready meals, snacks, seasonings, pet food, and other commercial food applications.

Available formats:
Powder, Chunks, Dices, Flakes, Granules, protein

Applications:
Pet food, Food manufacturing, Nutrition, Animal nutrition, Bulk Supply



Specifications	
Protein content [%]	65% to 85%
Packaging	25 kg multi-layer bags
Minimum order quantity [MOQ]	500 kg to 1,000 kg
Shelf Life	12 to 24 months
Storage	Below 25°C, <60% humidity
Sizes	0.4mm powder; 5–10mm dices
Moisture	Less than 3% to 5%



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Freeze-Dried Whole Shrimp

Proty Freeze Dried Whole Shrimps are made from carefully selected, high-quality shrimps using advanced freeze-drying technology to preserve their natural taste, aroma, texture, and nutritional value. They are rich in protein, lightweight, and easy to store, making them ideal for food manufacturing, pet food, snacks, and other commercial applications.



Available formats: Whole

Applications: Pet food, Food manufacturing, Nutrition, Animal nutrition, Bulk Supply

SPECIFICATIONS

Protein	65% to 85%
Packaging	25 kg multi-layer bags
Minimum order quantity [M0Q]	500 kg to 1,000 kg
Shelf Life	12 to 24 months
Storage	Below 25°C, <60% humidity
Sizes	0.4mm powder; 5–10mm dices
Moisture	Less than 3% to 5%

Formats Guide



Powder

fine and easy to blend; for protein blends, supplements and ready-to-mix products



Chunks

textured pieces with a bite; for snacks and high-protein meals



Dices

precision-cut for consistent incorporation and visual appeal



Flakes

lightweight and crisp; for snack mixes, cereals and toppings



Granules

uniform for consistent blending and portioning



Slices

thin and even; for snacks and meal solutions



Whole

natural structure for premium and specialty products

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Applications



Pet Food

Protein ingredients for pet food and treats.

Food Manufacturing

Ingredients for food formulations and processed foods.

Nutrition

Protein ingredients for nutrition and formulated products.

Animal Nutrition

Ingredients for specialized animal nutrition applications.

PROTY

Our Process



1. Raw material selection
2. Preparation and cleaning
3. Controlled freezing
4. Freeze-drying at low temperature
5. Milling or cutting to final format
6. Quality testing
7. Packing

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Quality & Certification

You Can Build Your Products On



Quality Control

Controlled processing and testing throughout production.

Food Safety

Food-safety systems and documented quality procedures.

Traceability

Batch-level documentation and product specifications.

BRC

FSSC 22000

ISO 22000

Halal

PROTY

Custom Solutions

Need a different format, particle size, or packaging? Tell us your protein source, format, particle size, packaging, and application, and our team will propose a suitable ingredient solution.

Request Samples Today



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Ordering and Export

- Bulk and B2B orders
- Export documentation and coordinated dispatch
- EXW, FOB, FCA and etc
- Documentation Ready



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