



HydroPro (Rice Protein Hydrolysate)

For Food Protein Enrichment Applications

Product Description: HydroPro is a clean-label, plant-based rice protein hydrolysate engineered for excellent solubility, rapid digestibility and versatile functional performance. With a tailored peptide profile concentrated in the 1–5 kDa range, HydroPro delivers smooth mouthfeel, improved hydration, and robust emulsification across beverages, nutrition products, bakery, and savory systems.

Key benefits

- Superior solubility & clarity — dissolves readily in water; minimal haze/precipitate.
- Rapid digestibility — predominantly low-MW peptides absorb quickly
- Versatile emulsification & stabilization — supports oil-in-water systems such as dressings, sauces and RTD emulsions.
- Clean-label, plant-based — rice origin; neutral color and mild flavor profile.
- Hypoallergenic— suitable where soy/dairy allergens are to be avoided.

Specifications

Appearance: Condensed Cream Colored Powder

PRODUCT PICTURE



Chemical Parameters

Loss on Drying, Moisture	10 % Max
Protein Content	80 % Min
Fat	3 % Min
Crude Fiber	3 % Max
Ash	6 % Max

Molecular Weight Distribution

50000 - 20000 Daltons	5%
20000 - 5000 Daltons	10%
5000 - 1000 Daltons	80%
<1000 Daltons	5%

Microbiological Parameters

Total Aerobic Microbial Count	10000 CFU/g Max
Total Yeasts Count	100 CFU/g Max
Total Moulds Count	100 CFU/g Max
E. Coli.	Not Detected in 1 gram
Salmonella	Not Detected in 25 gram
Aflatoxin	<10 ppb

Storage: Keep in cool & dry places away from Direct Sunlight & High Humidity

Expiry: 18 Months from Date of Manufacturing

Packing: 25 Kgs PP Bags with liners

Manufactured & Marketed: M/S BIO PHARMA, Haryana, India

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