

Pepaid™ Plant-Based Series — Plant-Derived Protein Hydrolysates

Corn and soybean protein hydrolysates plus a corn fermentation grade, grouped for plant-origin crop nutrition, root vitality and soil-health formulations.

Source Plant-derived	Formats Powder	Models EP60 / EP60P / FP90
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Product Information

Corn and soybean protein hydrolysates plus a corn fermentation grade, grouped for plant-origin crop nutrition, root vitality and soil-health formulations.

Specifications

Parameter	Specification
EP60 — Source / form	Corn protein · enzymatic hydrolysis; Powder
EP60 — Appearance	Yellow or brownish yellow powder
EP60 — Solubility	Completely soluble in water
EP60 — pH	3.5–5.5
EP60 — Protein	≥60%
EP60 — Total nitrogen	≥8.5%
EP60 — α-amino nitrogen	≥1.5%
EP60 — Loss on drying	≤10%
EP60 — Ash	≤15%
EP60P — Source / form	Soybean protein · enzymatic hydrolysis; Powder
EP60P — Appearance	Yellow or brownish yellow powder
EP60P — Solubility	Transparent in 5% aqueous solution
EP60P — pH	4.5–7.5
EP60P — Protein	≥60%
EP60P — Total nitrogen	≥8.5%
EP60P — α-amino nitrogen	≥1.5%
EP60P — Ash	≤15%
EP60P — Loss on drying	≤10%
EP60P — Total plate count	≤50,000 cfu/g
EP60P — Coliform bacteria	≤0.3 MPN/g
EP60P — Pathogens	Negative
EP60P — Staphylococcus aureus	Negative
EP60P — E. coli	Negative
FP90 — Source / form	Corn · fermentation-derived; Powder
FP90 — Appearance	Yellow powder
FP90 — Solubility	100% soluble
FP90 — pH	4–6
FP90 — Free amino acids	≥90%
FP90 — Total nitrogen	≥14%
FP90 — Protein	≥85%
FP90 — Water insoluble matter	≤0.1%
FP90 — Moisture	≤3.0%

Specifications are model-specific. Free amino acids, total amino acids, protein and amino nitrogen are different measurements.

Applications

EP60: Plant-origin nutrition, leaf greenness and root-development programs under saline-alkali stress.

EP60P: Root establishment, transplanting and flowering / fruit-setting programs.

FP90: Soil amendment, base-fertilizer enhancement and long-term soil-fertility programs.

Packaging / Storage

Item	Information
EP60	20 kg bag; shelf life 2 years in sealed original packaging.
EP60P	20 kg bag; shelf life 2 years in sealed original packaging.
FP90	15 kg bag; shelf life 2 years in sealed original packaging.
Storage	Cool, dry, well-ventilated area; protect from moisture, sunlight and contamination.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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